

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081018\
 Data File : VD059735.D
 Acq On : 10 Aug 2018 18:09
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 8/13/2018 12:28:36 PM

Quant Time: Aug 11 05:14:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 04:59:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	155217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	185199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	153050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	89251	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.00	65	129310	62.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.70%	
35) Dibromofluoromethane	5.54	113	100465	59.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.42%	
50) Toluene-d8	8.70	98	195609	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	11.92	95	102065	59.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.33	85	121514	56.03	ug/l	100
3) Chloromethane	1.47	50	48697	51.44	ug/l	100
4) Vinyl Chloride	1.55	62	59688	53.79	ug/l	100
5) Bromomethane	1.78	94	26083m	69.36	ug/l	100
6) Chloroethane	1.87	64	34777	73.63	ug/l	100
7) Trichlorofluoromethane	2.08	101	125523	65.96	ug/l	100
8) Diethyl Ether	2.33	74	22039	64.07	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.54	101	63017	59.72	ug/l	100
10) Methyl Iodide	2.68	142	78272	64.32	ug/l	100
11) Tert butyl alcohol	3.26	59	22481	307.11	ug/l	100
12) 1,1-Dichloroethene	2.53	96	45565	59.85	ug/l	100
13) Acrolein	2.46	56	12563	196.31	ug/l	100
14) Allyl chloride	2.90	41	102936	58.50	ug/l	100
15) Acrylonitrile	3.35	53	59497	292.44	ug/l	100
16) Acetone	2.60	43	122126	320.98	ug/l	100
17) Carbon Disulfide	2.75	76	163579	59.48	ug/l	100
18) Methyl Acetate	2.92	43	41073	57.88	ug/l	100
19) Methyl tert-butyl Ether	3.39	73	184812	62.40	ug/l	100
20) Methylene Chloride	3.05	84	53900	36.81	ug/l	100
21) trans-1,2-Dichloroethene	3.37	96	58589	58.56	ug/l	100
22) Diisopropyl ether	4.05	45	194068	48.38	ug/l	100
23) Vinyl Acetate	4.00	43	669435	259.30	ug/l	100
24) 1,1-Dichloroethane	3.96	63	136858	51.12	ug/l	100
25) 2-Butanone	4.82	43	123871	258.02	ug/l	100
26) 2,2-Dichloropropane	4.78	77	160737	55.46	ug/l	100
27) cis-1,2-Dichloroethene	4.79	96	67358	47.75	ug/l	100
28) Bromochloromethane	5.14	49	52934	52.62	ug/l	100
29) Tetrahydrofuran	5.17	42	45258	242.10	ug/l	100
30) Chloroform	5.31	83	184911	55.62	ug/l	100
31) Cyclohexane	5.58	56	76898	39.45	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	193859	59.45	ug/l	100
36) 1,1-Dichloropropene	5.74	75	113565	55.09	ug/l	100
37) Ethyl Acetate	4.92	43	54801	54.77	ug/l	100
38) Carbon Tetrachloride	5.72	117	179542	63.06	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	85381	50.14	ug/l	100
40) Benzene	6.00	78	197615	50.28	ug/l	100
41) Methacrylonitrile	5.12	41	23615	51.76	ug/l	100
42) 1,2-Dichloroethane	6.12	62	165374	64.63	ug/l	100
43) Isopropyl Acetate	7.60	43	67890	52.65	ug/l	100
44) Trichloroethene	6.97	130	82024	55.85	ug/l	100
45) 1,2-Dichloropropane	7.34	63	50241	48.47	ug/l	100
46) Dibromomethane	7.45	93	56460	60.84	ug/l	100
47) Bromodichloromethane	7.73	83	146837	61.59	ug/l	100
48) Methyl methacrylate	7.50	41	49810	57.31	ug/l	100
49) 1,4-Dioxane	7.48	88	8003	1212.70	ug/l	100
51) 4-Methyl-2-Pentanone	8.59	43	278624	292.41	ug/l	100
52) Toluene	8.80	92	123567	49.07	ug/l	100
53) t-1,3-Dichloropropene	9.18	75	116816	58.59	ug/l	100
54) cis-1,3-Dichloropropene	8.35	75	106259	52.60	ug/l	100
55) 1,1,2-Trichloroethane	9.44	97	49428	50.50	ug/l	100
56) Ethyl methacrylate	9.31	69	57015	53.27	ug/l	100
57) 1,3-Dichloropropane	9.66	76	84668	55.54	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.19	63	135323	262.76	ug/l	100
59) 2-Hexanone	9.78	43	214113	298.94	ug/l	100
60) Dibromochloromethane	9.96	129	100577	63.12	ug/l	100
61) 1,2-Dibromoethane	10.08	107	65199	57.64	ug/l	100
64) Tetrachloroethene	9.50	164	77631	53.36	ug/l	100
65) Chlorobenzene	10.72	112	160021	49.70	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.84	131	84515	58.16	ug/l	100
67) Ethyl Benzene	10.85	91	300010	51.45	ug/l	100
68) m/p-Xylenes	11.01	106	178728	96.78	ug/l	100
69) o-Xylene	11.40	106	90391	50.10	ug/l	100
70) Styrene	11.43	104	151618	50.26	ug/l	100
71) Bromoform	11.60	173	68954	62.92	ug/l	100
73) Isopropylbenzene	11.77	105	302462	51.10	ug/l	100
74) N-amyl acetate	11.64	43	95527	51.14	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.07	83	57441	48.66	ug/l	100
76) 1,2,3-Trichloropropane	12.11	75	73594	53.62	ug/l	100
77) Bromobenzene	12.03	156	89940	52.00	ug/l	100
78) n-propylbenzene	12.15	91	366540	50.03	ug/l	100
79) 2-Chlorotoluene	12.21	91	229147	51.58	ug/l	100
80) 1,3,5-Trimethylbenzene	12.32	105	259536	52.40	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.83	75	15585	48.24	ug/l	100
82) 4-Chlorotoluene	12.33	91	273689	52.44	ug/l	100
83) tert-Butylbenzene	12.57	119	275516	50.02	ug/l	100
84) 1,2,4-Trimethylbenzene	12.62	105	276576	52.59	ug/l	100
85) sec-Butylbenzene	12.75	105	302110	49.31	ug/l	100
86) p-Isopropyltoluene	12.88	119	264519	50.54	ug/l	100
87) 1,3-Dichlorobenzene	12.84	146	150920	50.30	ug/l	100
88) 1,4-Dichlorobenzene	12.93	146	146886	49.49	ug/l	100
89) n-Butylbenzene	13.19	91	254558	48.26	ug/l	100
90) Hexachloroethane	13.40	117	75221	55.07	ug/l	100
91) 1,2-Dichlorobenzene	13.19	146	119337	47.49	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.77	75	15519	61.96	ug/l	100

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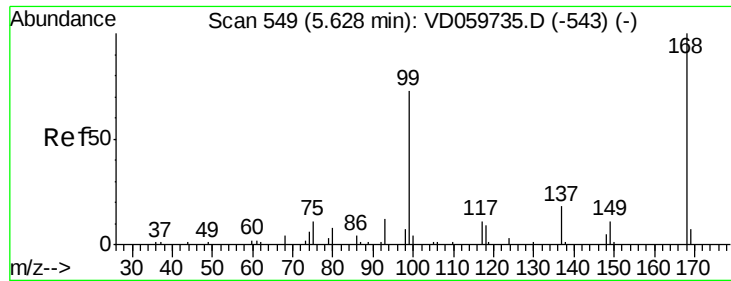
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	124553	54.34	ug/l	100
94) Hexachlorobutadiene	14.43	225	103104	57.66	ug/l	100
95) Naphthalene	14.51	128	168265	50.41	ug/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	105390	53.31	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 155217

Ion Ratio Lower Upper

168 100

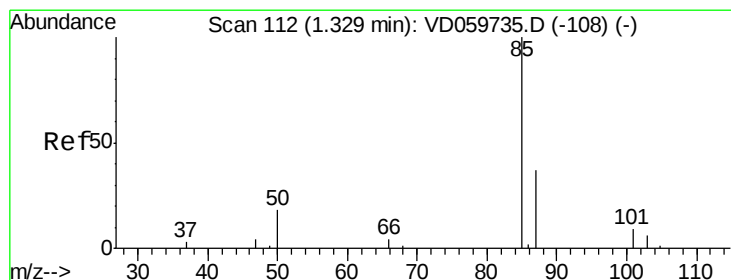
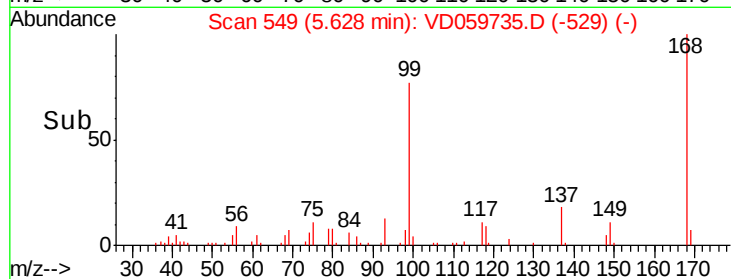
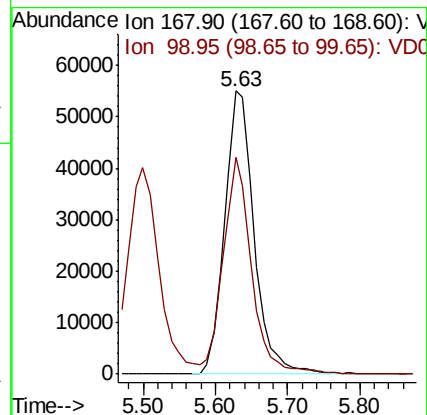
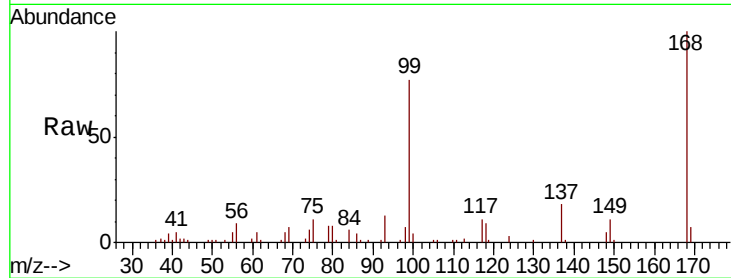
99 76.8 61.4 92.2

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#2

Dichlorodifluoromethane

Concen: 56.03 ug/l

RT: 1.33 min Scan# 112

Delta R.T. 0.00 min

Lab File: VD059735.D

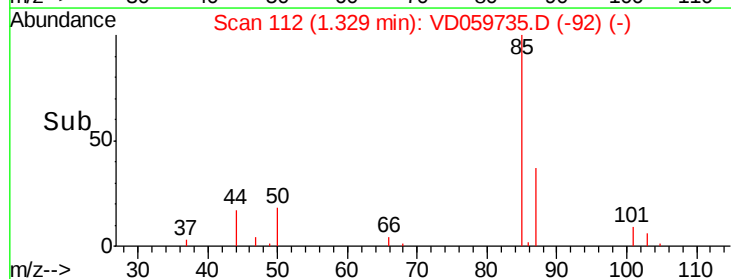
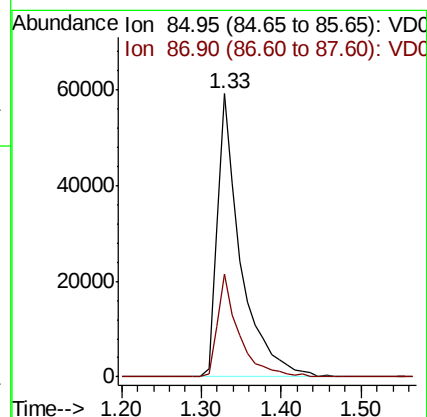
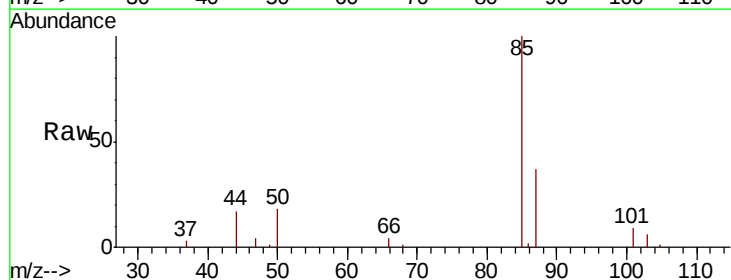
Acq: 10 Aug 2018 18:09

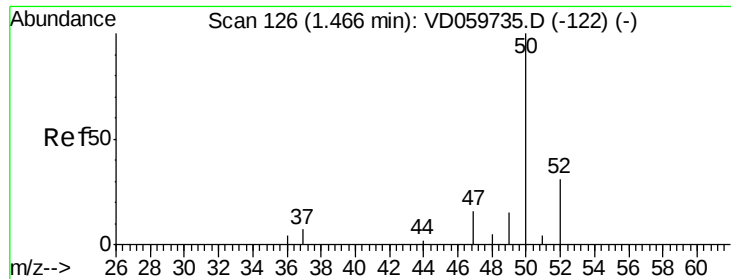
Tgt Ion: 85 Resp: 121514

Ion Ratio Lower Upper

85 100

87 36.5 18.3 54.8





#3

Chloromethane

Concen: 51.44 ug/l

RT: 1.47 min Scan# 126

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 48697

Ion Ratio Lower Upper

50 100

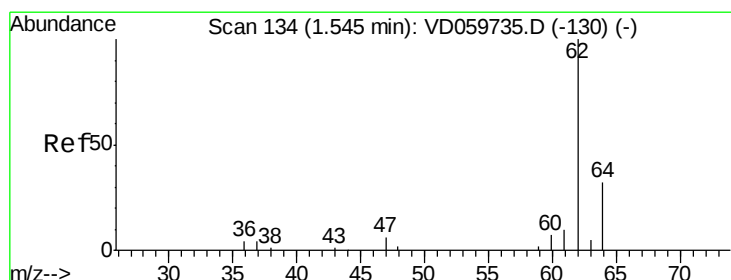
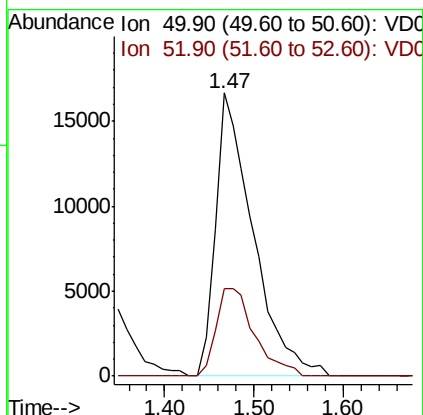
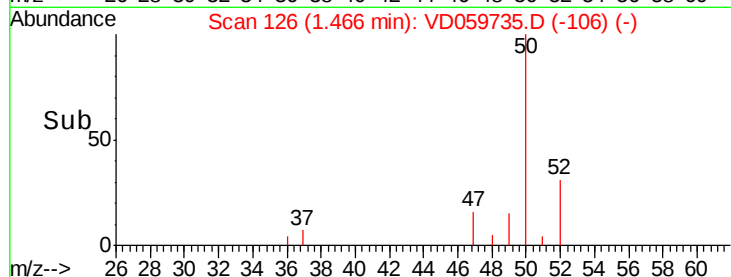
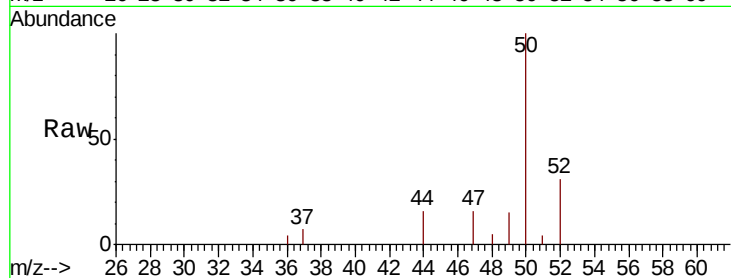
52 31.0 24.8 37.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.79 ug/l

RT: 1.55 min Scan# 134

Delta R.T. 0.00 min

Lab File: VD059735.D

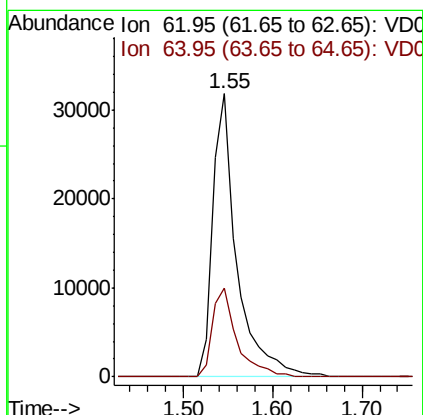
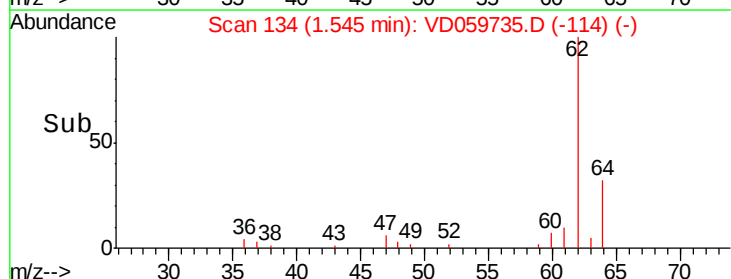
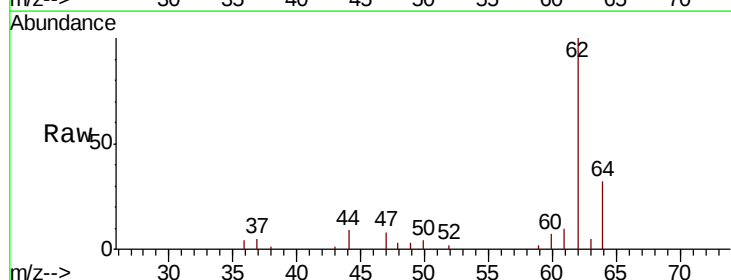
Acq: 10 Aug 2018 18:09

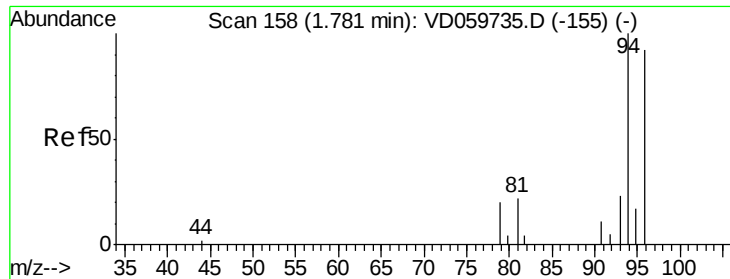
Tgt Ion: 62 Resp: 59688

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 69.36 ug/l m

RT: 1.78 min Scan# 158

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

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MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 26083

Ion Ratio Lower Upper

94 100

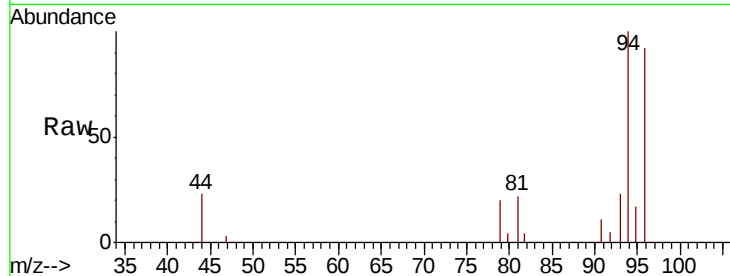
96 91.8 73.4 110.2

Manual Integrations

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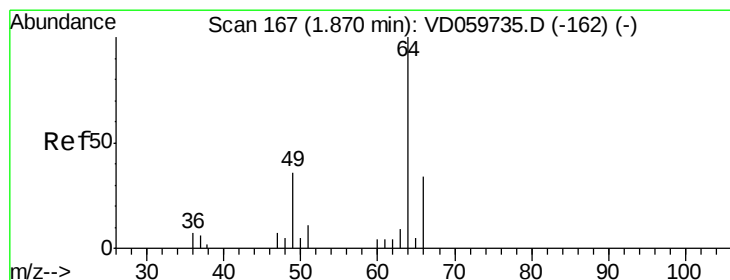
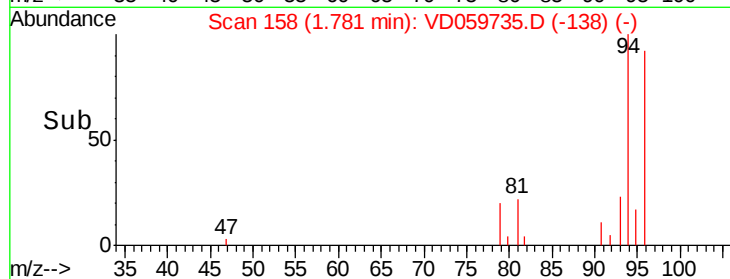
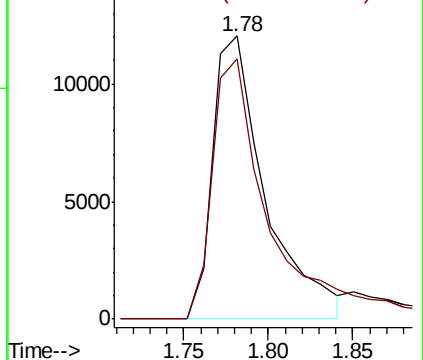
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 73.63 ug/l

RT: 1.87 min Scan# 167

Delta R.T. 0.00 min

Lab File: VD059735.D

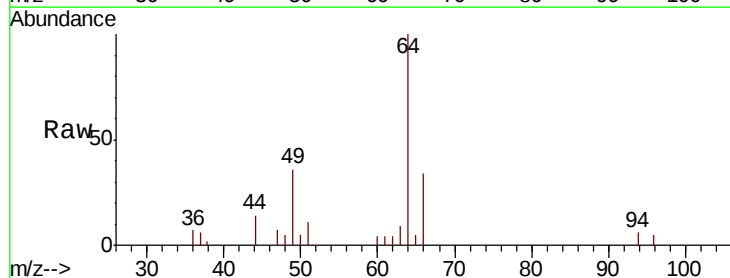
Acq: 10 Aug 2018 18:09

Tgt Ion: 64 Resp: 34777

Ion Ratio Lower Upper

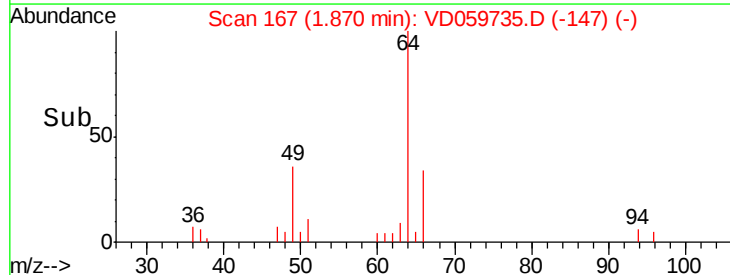
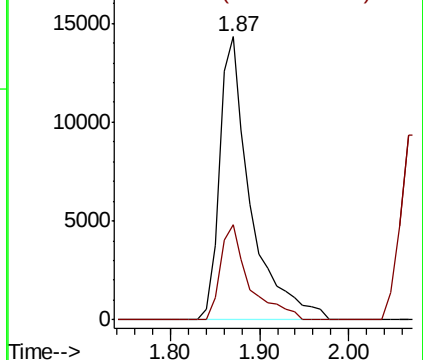
64 100

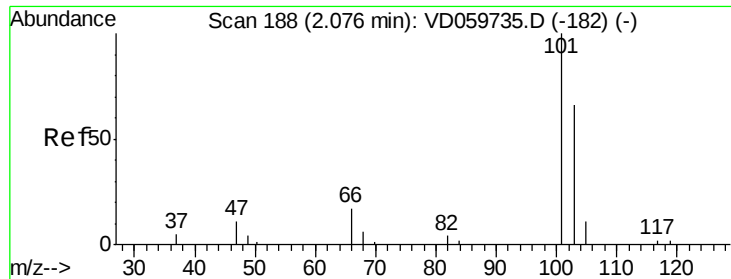
66 33.6 26.9 40.3



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

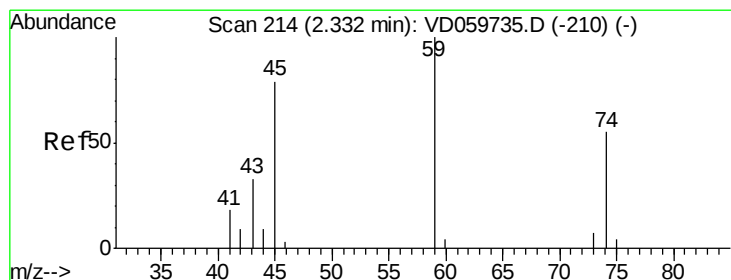
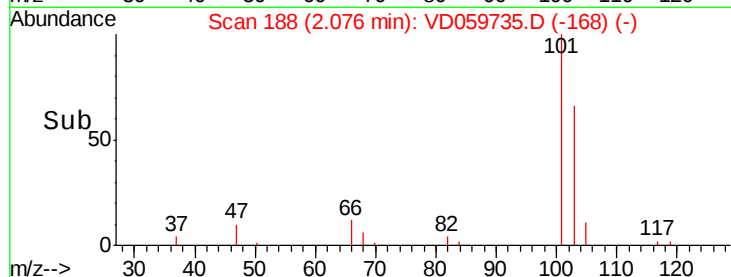
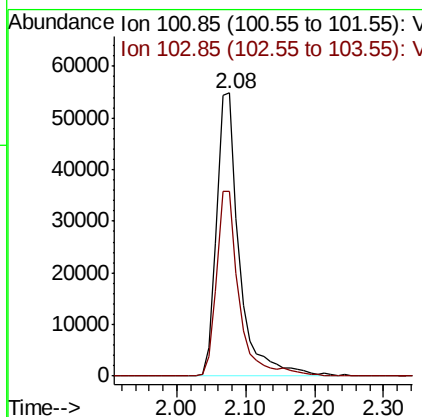
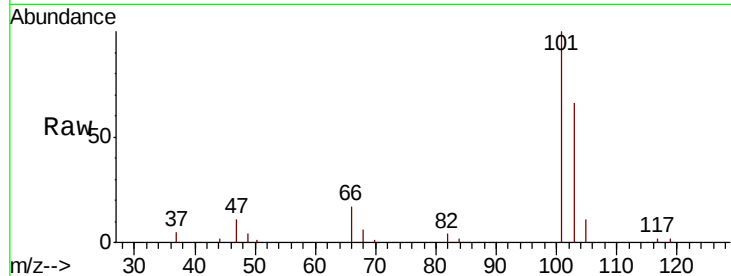
Trichlorofluoromethane
 Concen: 65.96 ug/l
 RT: 2.08 min Scan# 188
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

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 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.4	78.6

Manual Integrations
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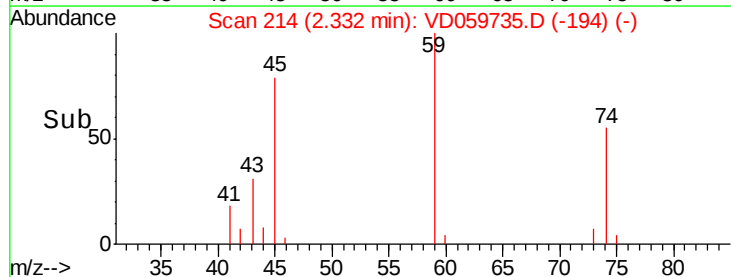
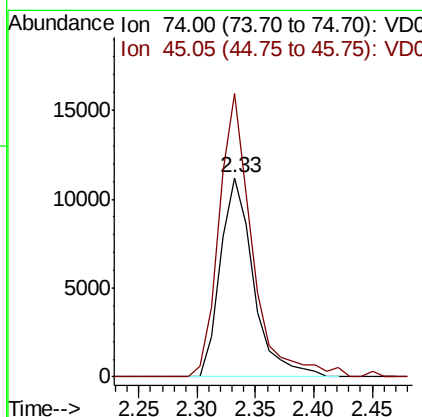
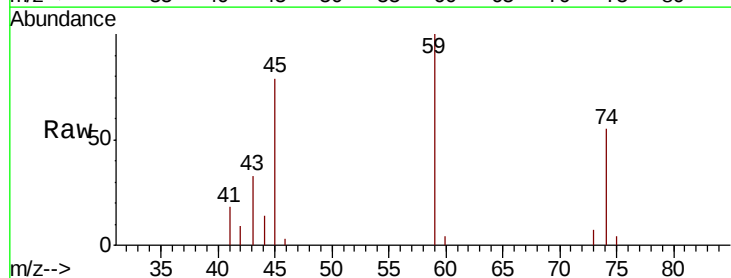
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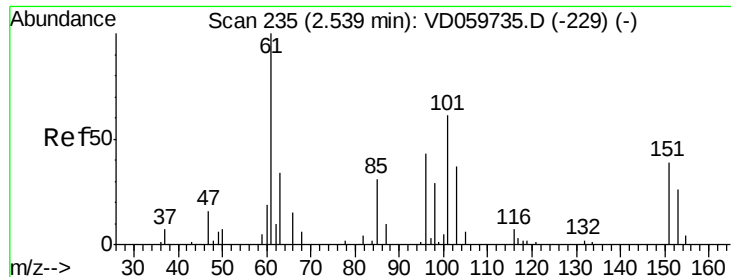


#8

Diethyl Ether
 Concen: 64.07 ug/l
 RT: 2.33 min Scan# 214
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	142.2	71.1	213.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 59.72 ug/l

RT: 2.54 min Scan# 235

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

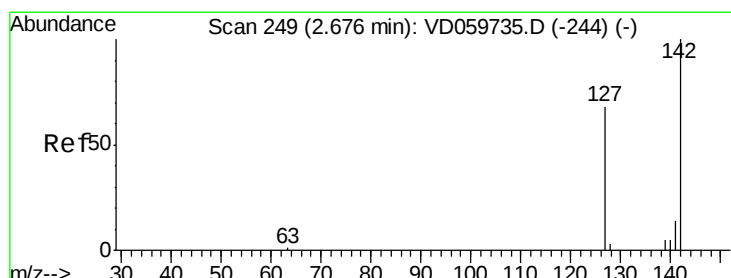
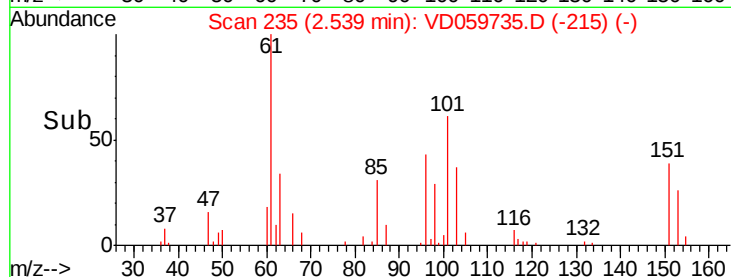
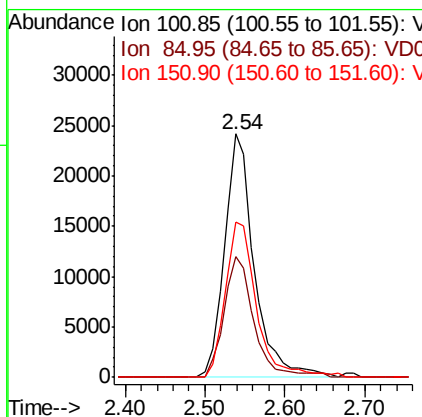
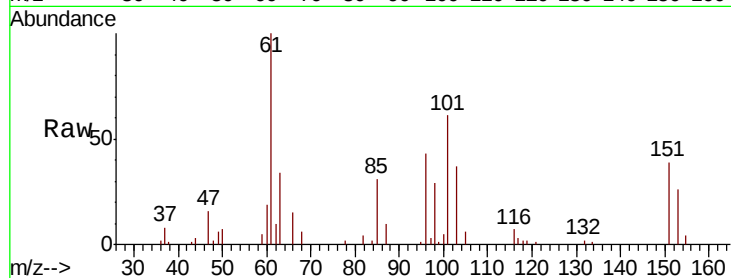
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	63017
Ion Ratio	Lower	Upper	
101	100		
85	49.6	39.7	59.5
151	63.5	50.8	76.2

Manual Integrations
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#10

Methyl Iodide

Concen: 64.32 ug/l

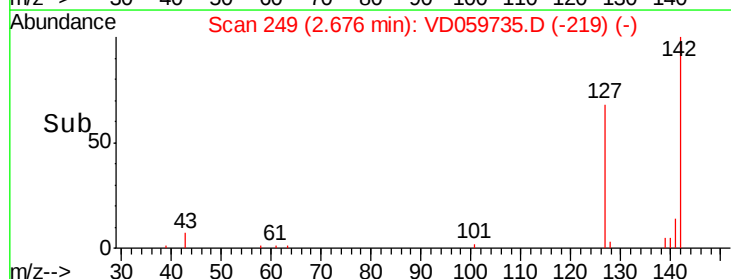
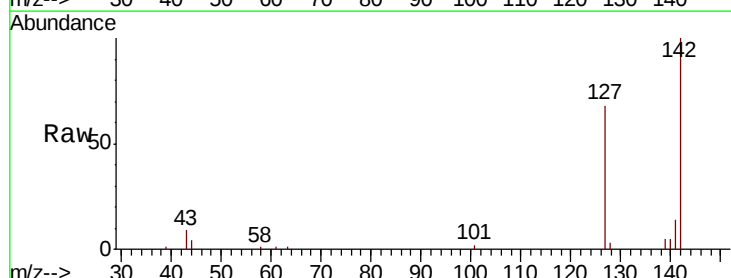
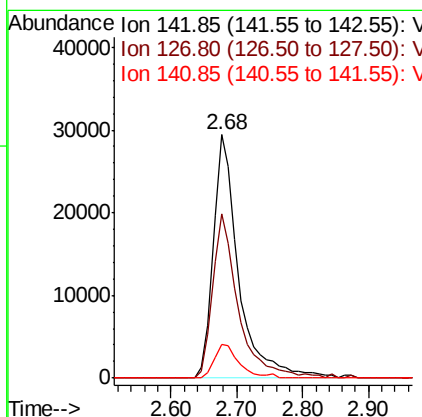
RT: 2.68 min Scan# 249

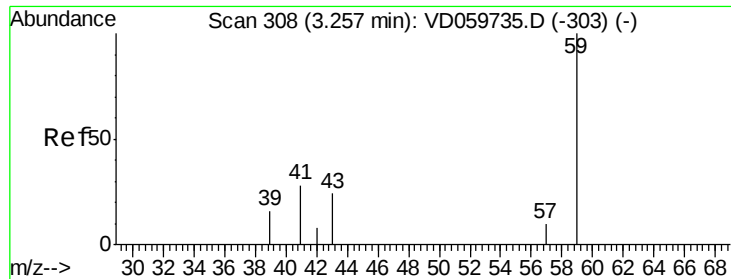
Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Tgt Ion:	142	Resp:	78272
Ion Ratio	Lower	Upper	
142	100		
127	67.5	54.0	81.0
141	13.7	11.0	16.4





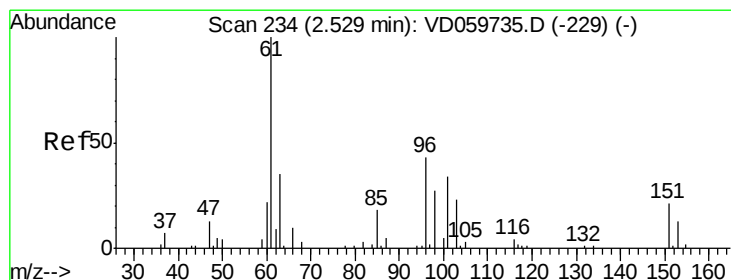
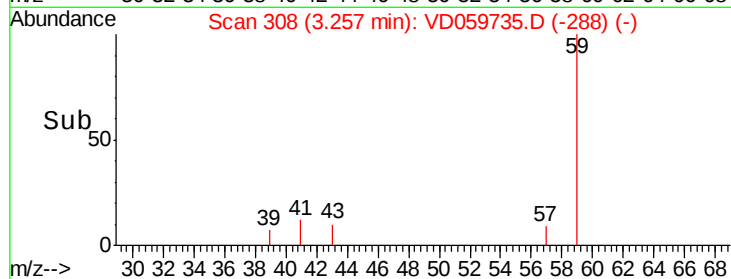
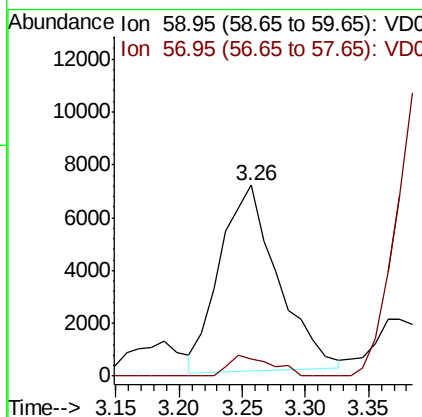
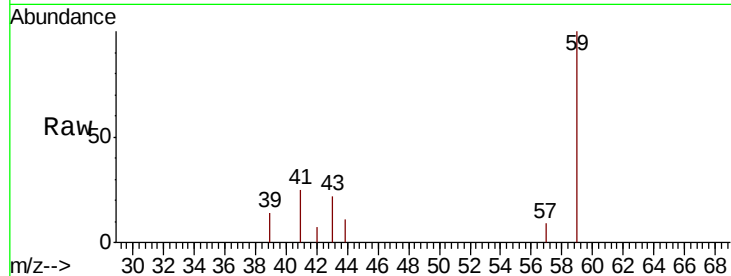
#11
Tert butyl alcohol
Concen: 307.11 ug/l
RT: 3.26 min Scan# 308
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	7.3	10.9

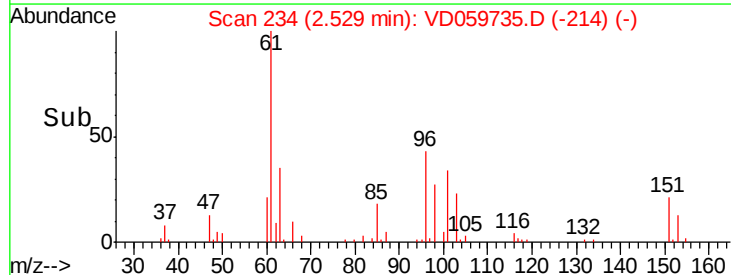
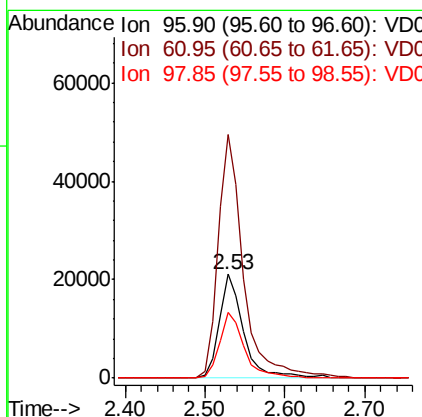
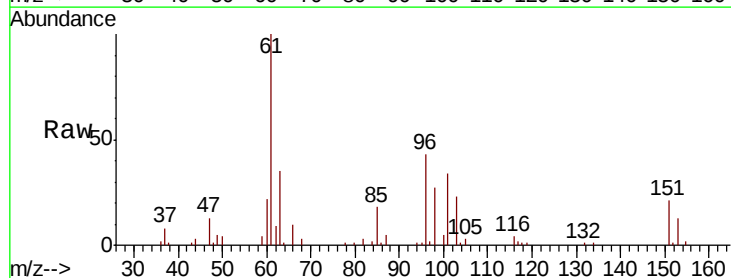
Manual Integrations
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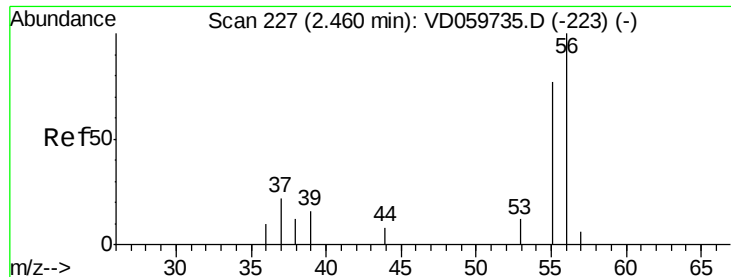
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#12
1,1-Dichloroethene
Concen: 59.85 ug/l
RT: 2.53 min Scan# 234
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	234.0	187.2	280.8
98	63.0	50.4	75.6





#13

Acrolein

Concen: 196.31 ug/l

RT: 2.46 min Scan# 227

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 12563

Ion Ratio Lower Upper

56 100

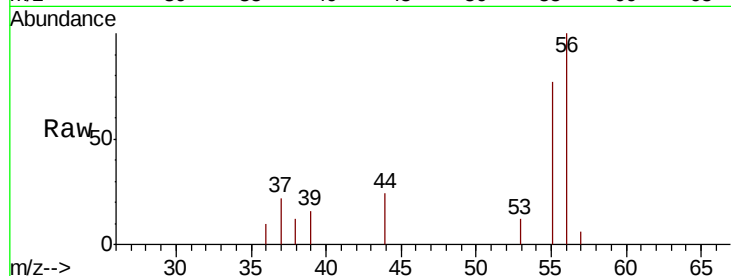
55 76.8 61.4 92.2

Manual Integrations

APPROVED

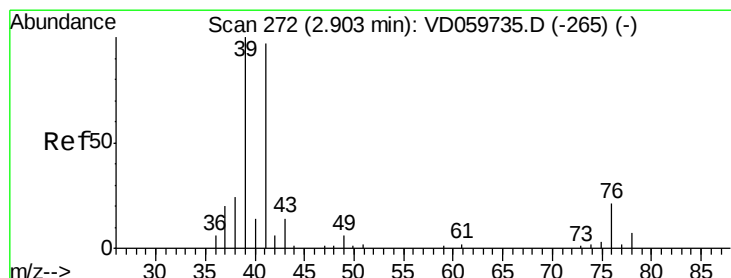
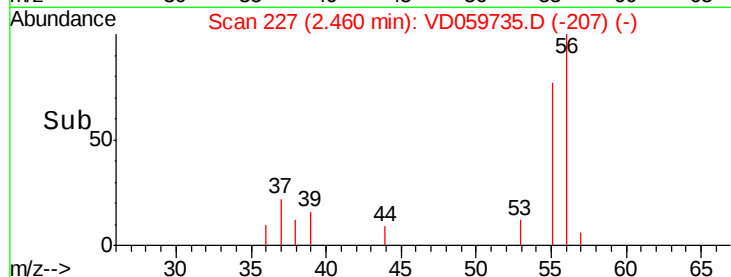
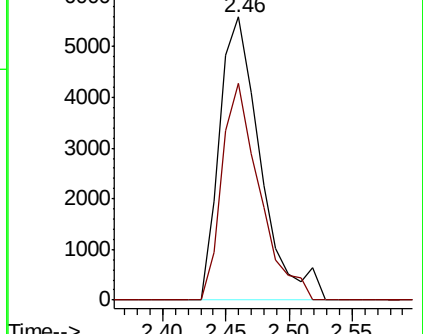
apatel

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Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 58.50 ug/l

RT: 2.90 min Scan# 272

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

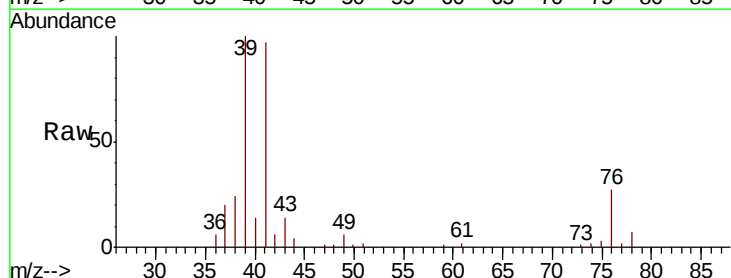
Tgt Ion: 41 Resp: 102936

Ion Ratio Lower Upper

41 100

39 103.6 82.9 124.3

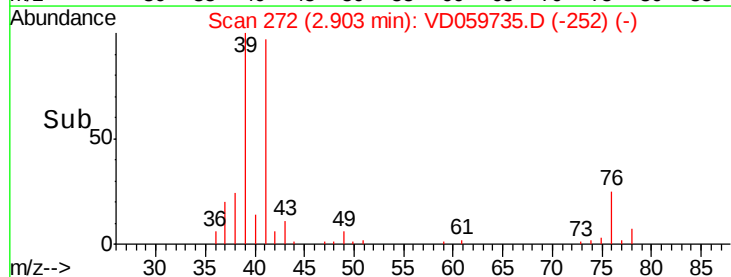
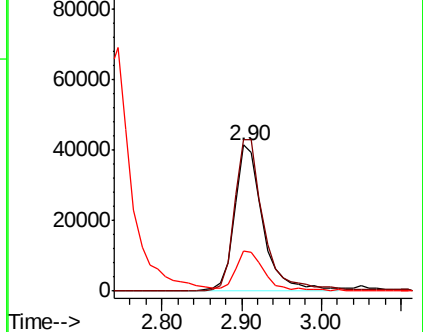
76 27.7 22.2 33.2

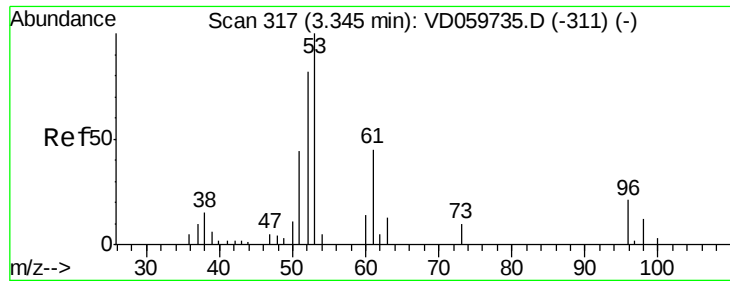


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





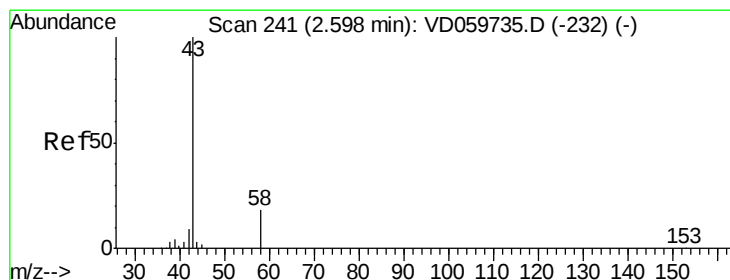
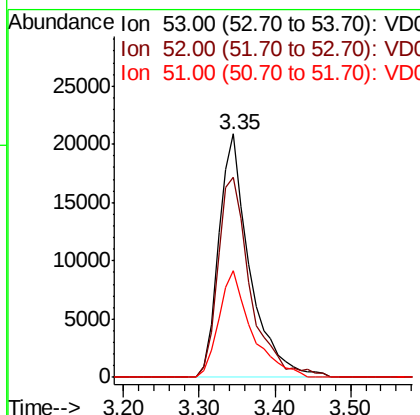
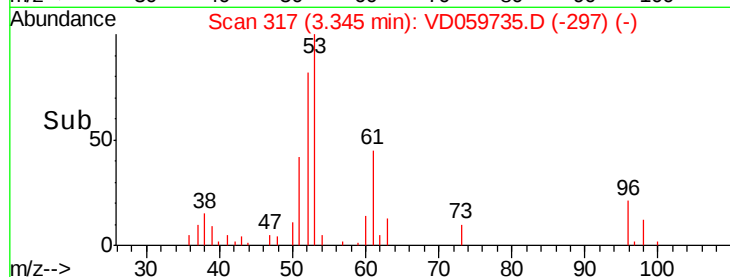
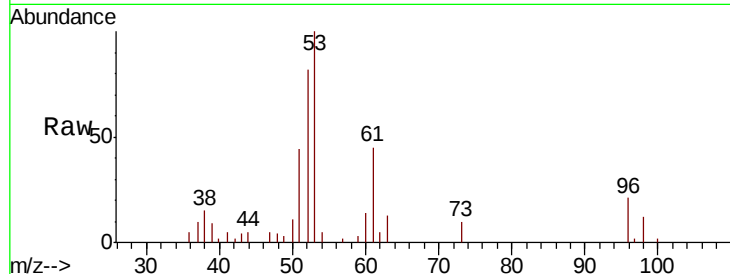
#15
Acrylonitrile
Concen: 292.44 ug/l
RT: 3.35 min Scan# 317
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:	53	Resp:	59497
Ion Ratio	Lower	Upper	
53	100		
52	82.2	65.8	98.6
51	43.9	35.1	52.7

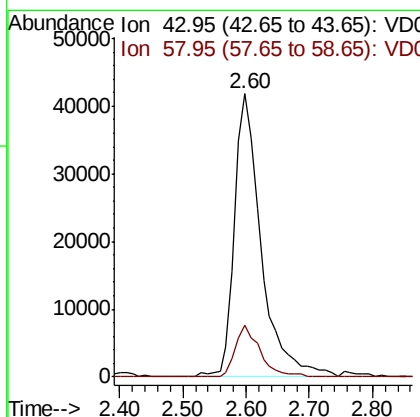
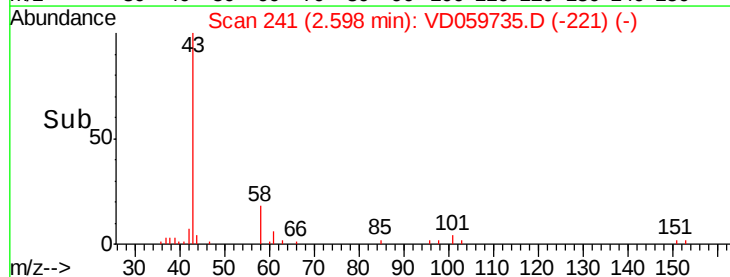
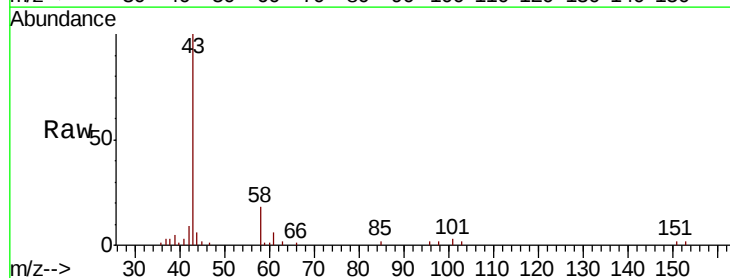
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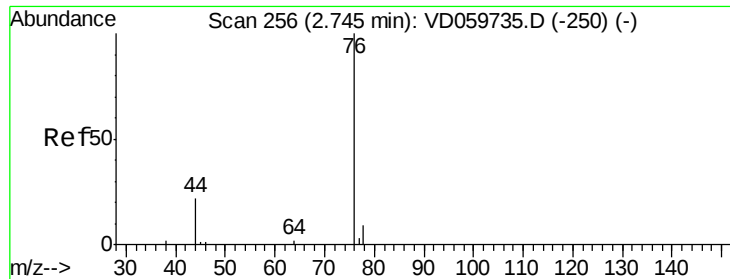
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#16
Acetone
Concen: 320.98 ug/l
RT: 2.60 min Scan# 241
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion:	43	Resp:	122126
Ion Ratio	Lower	Upper	
43	100		
58	18.2	14.6	21.8





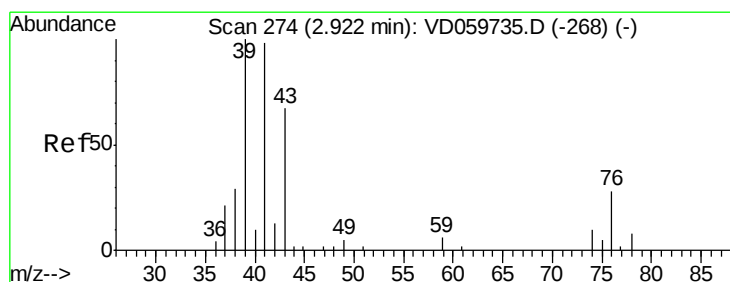
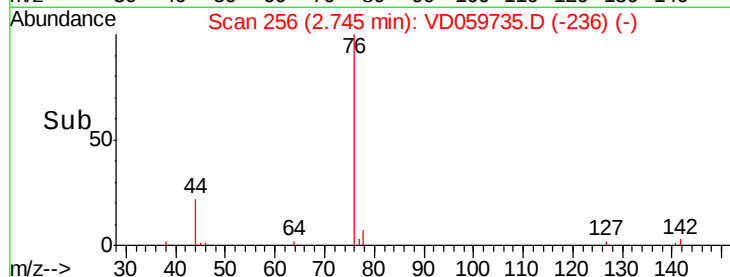
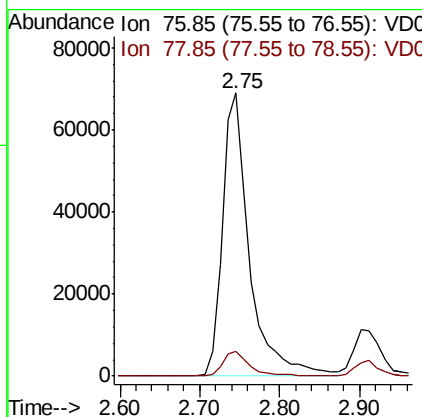
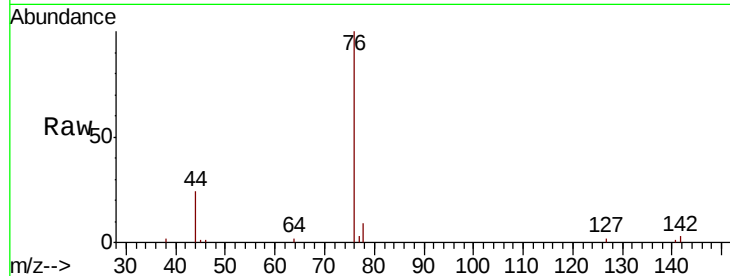
#17
Carbon Disulfide
Concen: 59.48 ug/l
RT: 2.75 min Scan# 256
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

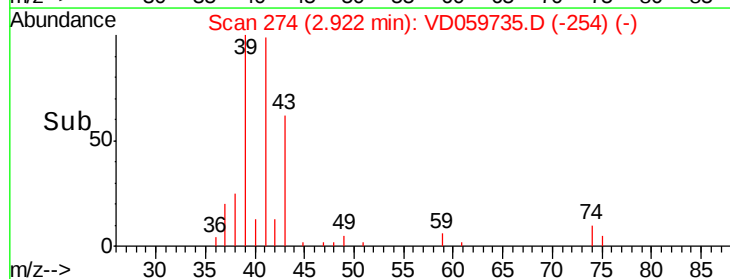
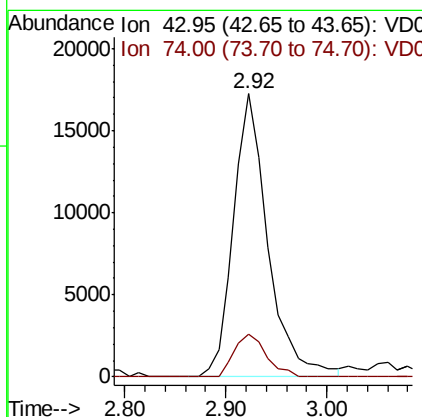
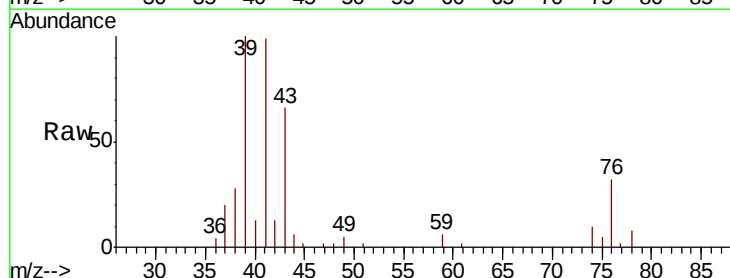
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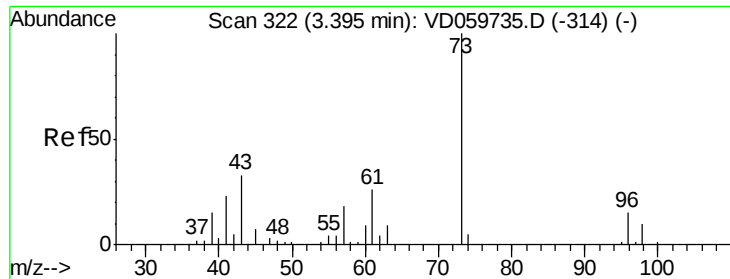
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#18
Methyl Acetate
Concen: 57.88 ug/l
RT: 2.92 min Scan# 274
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	15.1	12.1	18.1





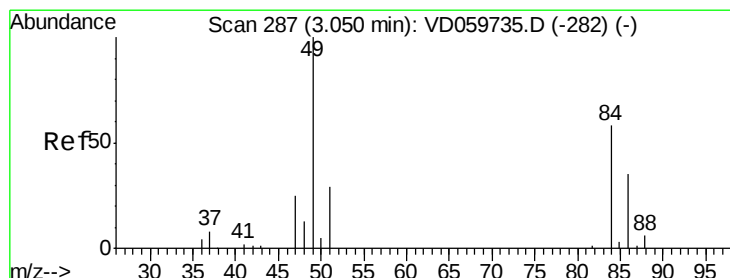
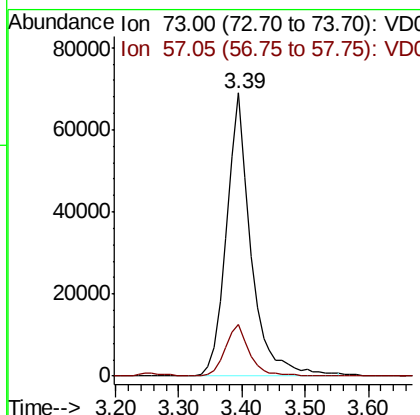
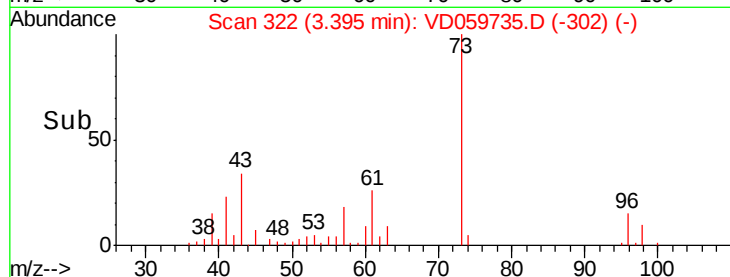
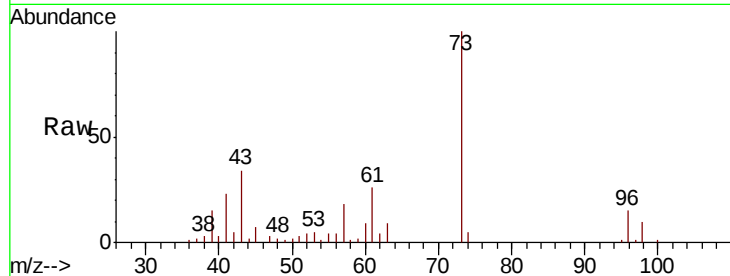
#19
Methvl tert-butvl Ether
Concen: 62.40 ug/l
RT: 3.39 min Scan# 322
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.5	14.8	22.2

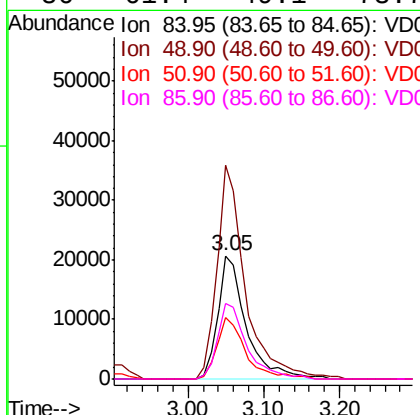
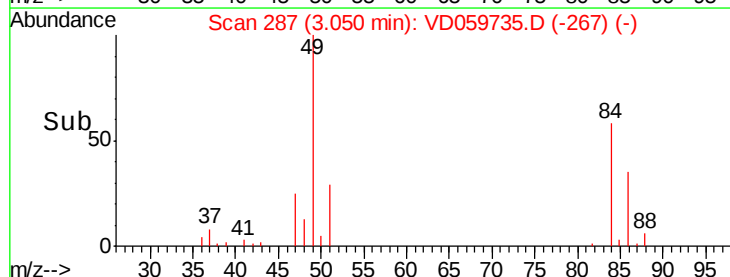
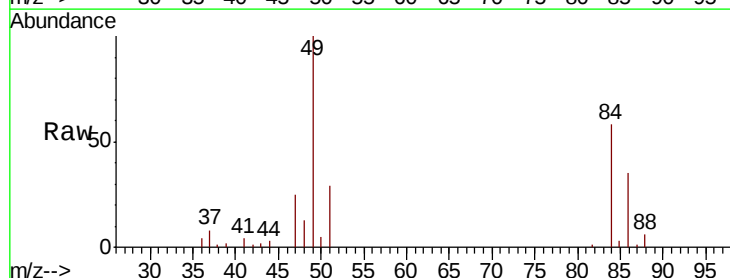
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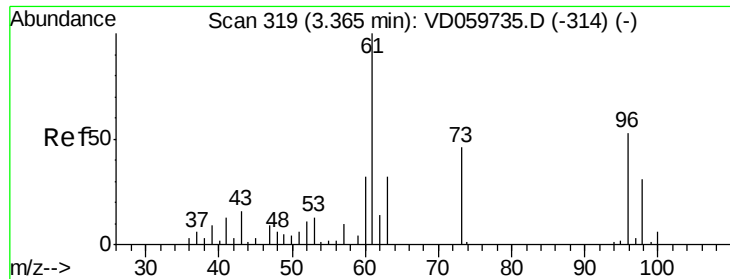
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#20
Methylene Chloride
Concen: 36.81 ug/l
RT: 3.05 min Scan# 287
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	173.6	138.9	208.3
51	50.2	40.2	60.2
86	61.4	49.1	73.7





#21

trans-1,2-Dichloroethene

Concen: 58.56 ug/l

RT: 3.37 min Scan# 319

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 58589

Ion Ratio Lower Upper

96 100

61 190.0 152.0 228.0

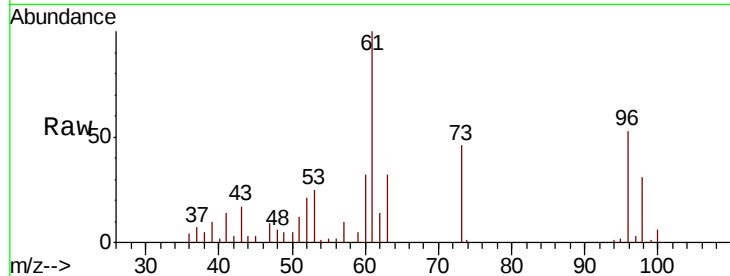
98 59.3 47.4 71.2

Manual Integrations

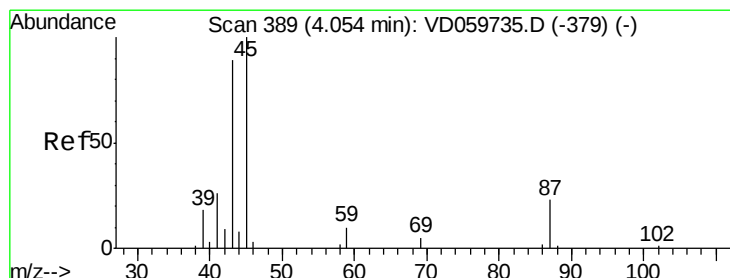
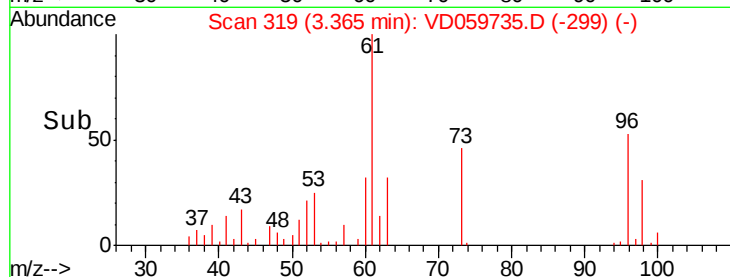
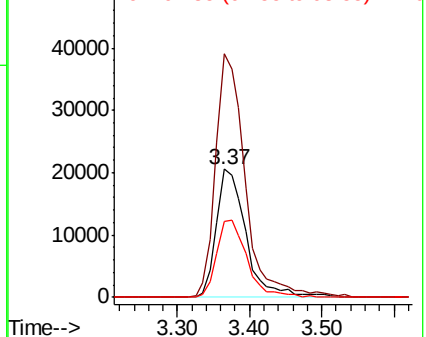
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Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 48.38 ug/l

RT: 4.05 min Scan# 389

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Tgt Ion: 45 Resp: 194068

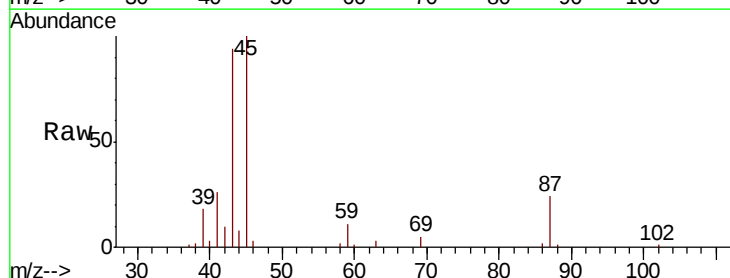
Ion Ratio Lower Upper

45 100

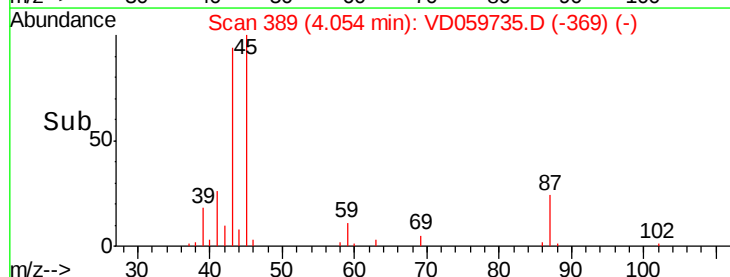
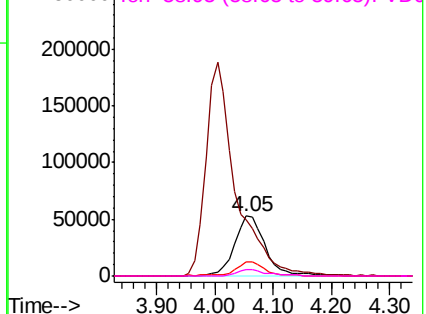
43 94.4 75.5 113.3

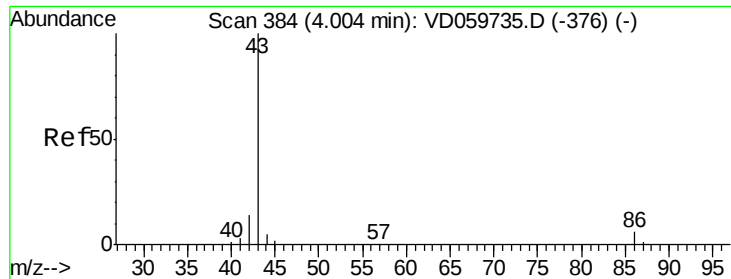
87 24.2 19.4 29.0

59 10.6 8.5 12.7



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC





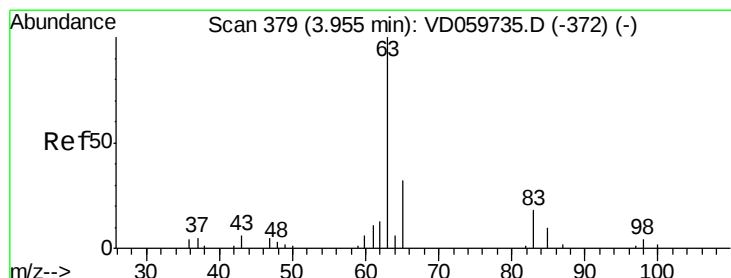
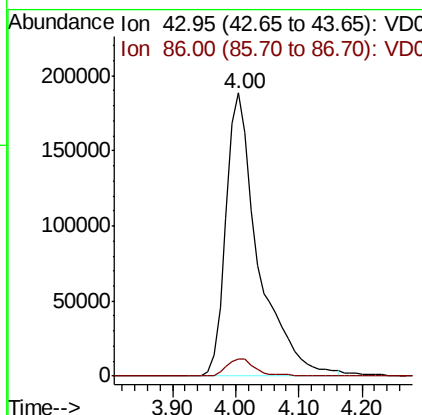
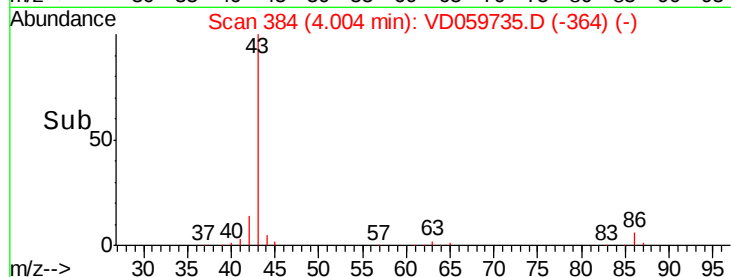
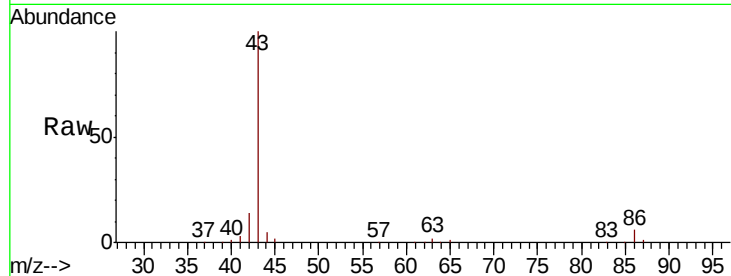
#23
 Vinyl Acetate
 Concen: 259.30 ug/l
 RT: 4.00 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.0	7.4

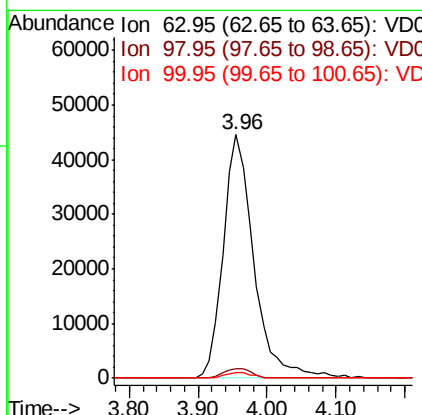
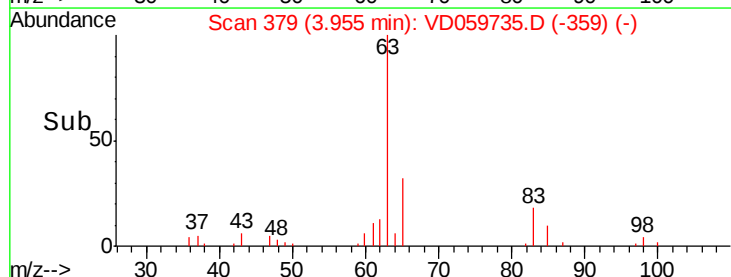
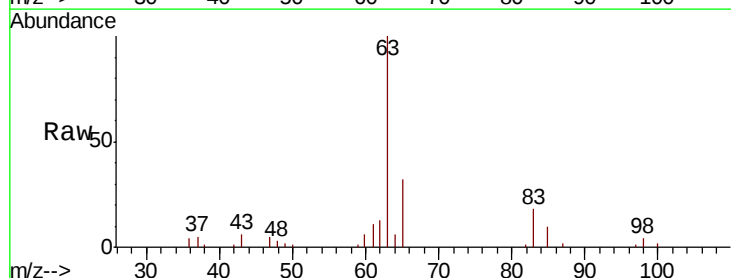
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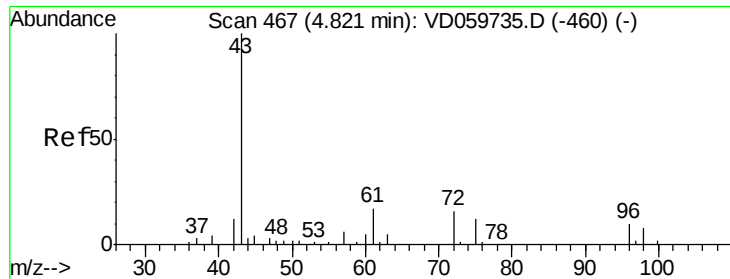
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#24
 1,1-Dichloroethane
 Concen: 51.12 ug/l
 RT: 3.96 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.8	5.5
100	2.1	1.1	3.1





#25

2-Butanone

Concen: 258.02 ug/l

RT: 4.82 min Scan# 467

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 123871

Ion Ratio Lower Upper

43 100

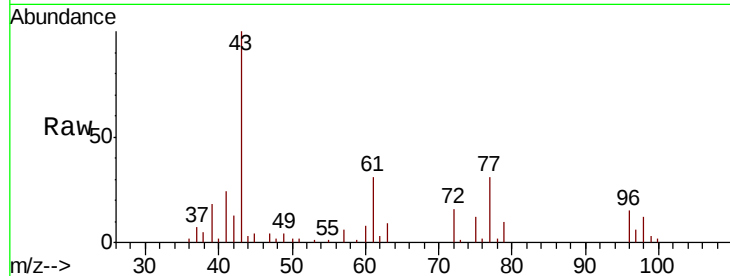
72 16.4 13.1 19.7

Manual Integrations

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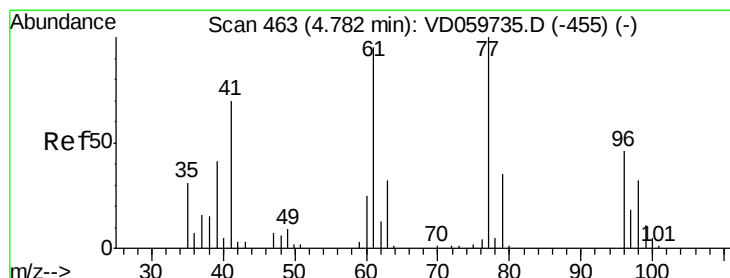
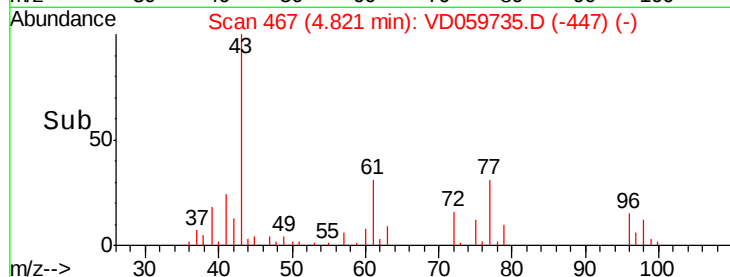
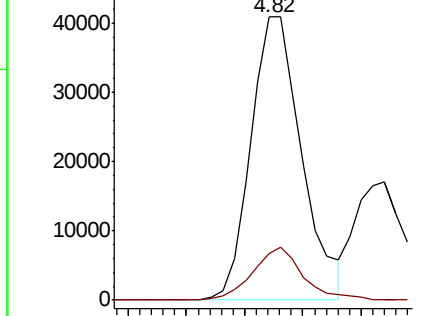
apatel

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 55.46 ug/l

RT: 4.78 min Scan# 463

Delta R.T. 0.00 min

Lab File: VD059735.D

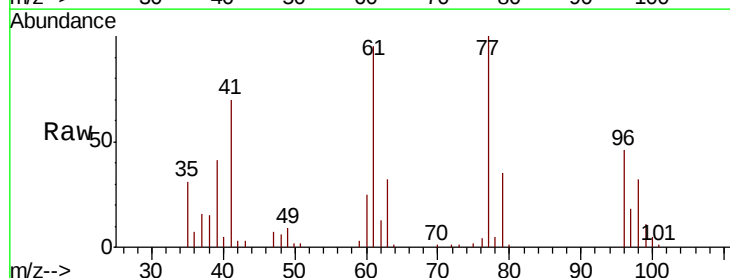
Acq: 10 Aug 2018 18:09

Tgt Ion: 77 Resp: 160737

Ion Ratio Lower Upper

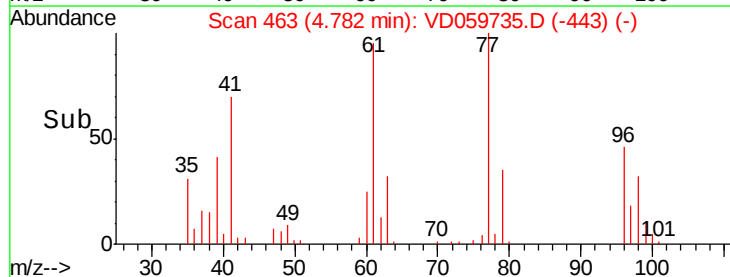
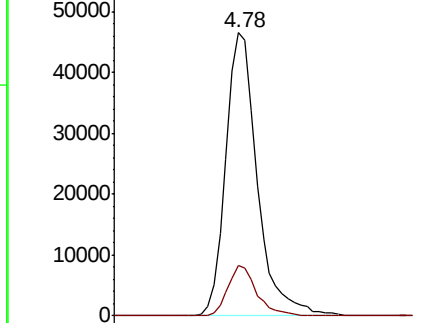
77 100

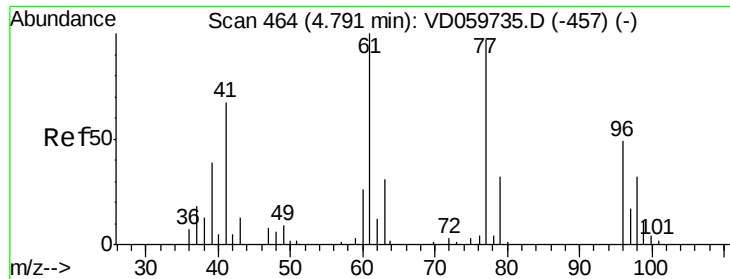
97 17.9 8.9 26.8



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#27

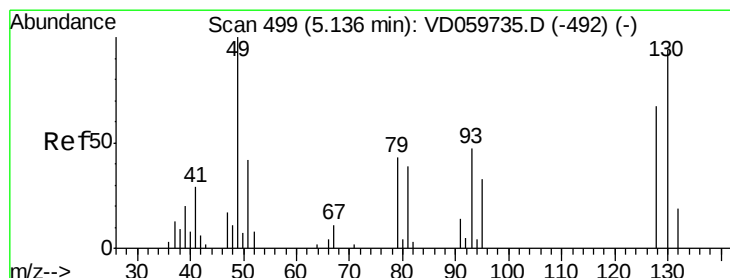
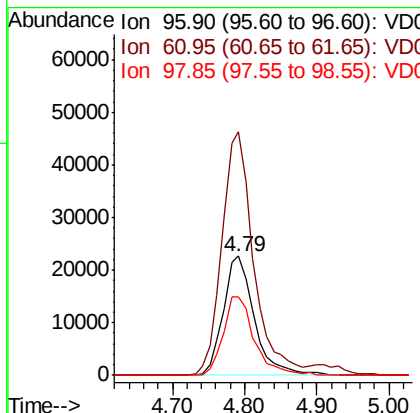
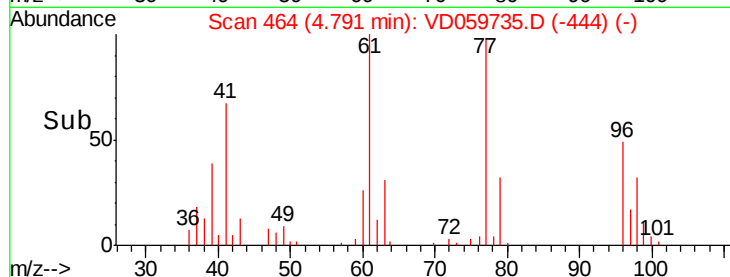
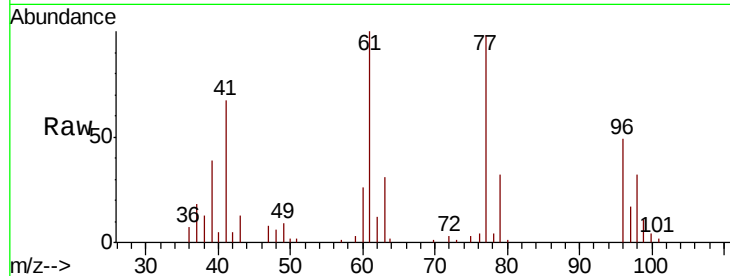
cis-1,2-Dichloroethene
Concen: 47.75 ug/l
RT: 4.79 min Scan# 464
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	204.9	0.0	409.8
98	66.4	0.0	132.8

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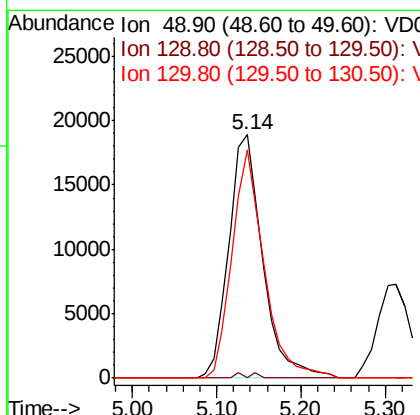
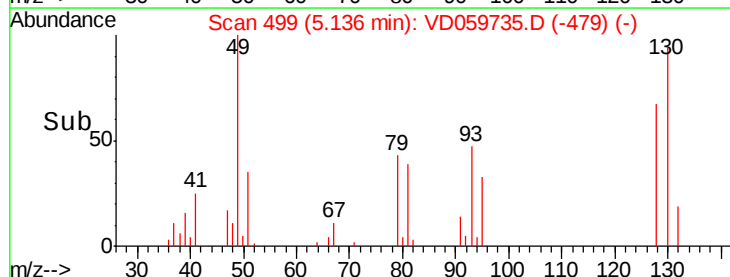
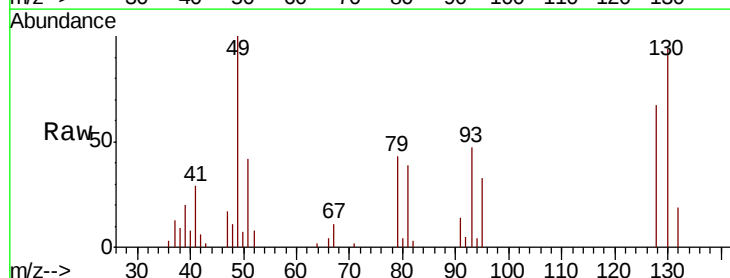
apatel
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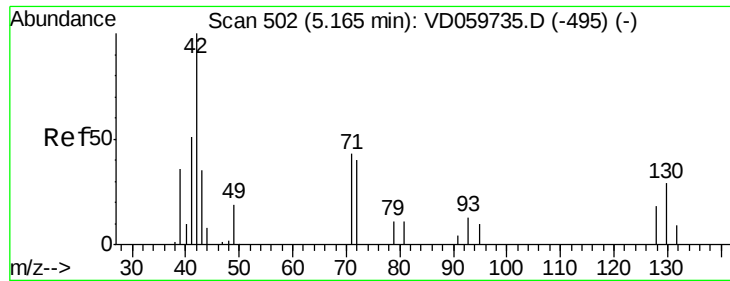


#28

Bromochloromethane
Concen: 52.62 ug/l
RT: 5.14 min Scan# 499
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	93.8	75.0	112.6





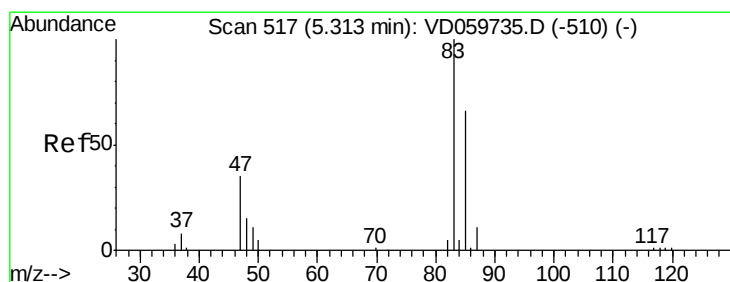
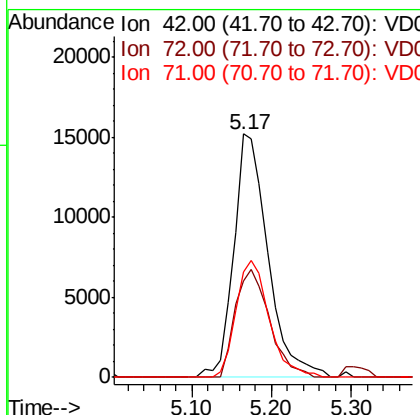
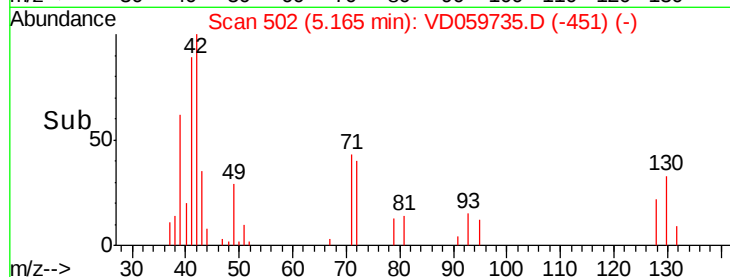
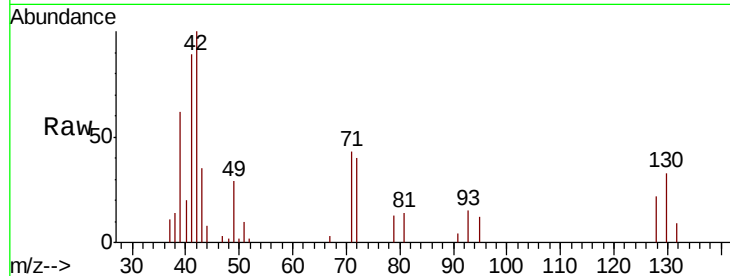
#29
Tetrahydrofuran
Concen: 242.10 ug/l
RT: 5.17 min Scan# 502
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.3	52.9
71	46.4	37.1	55.7

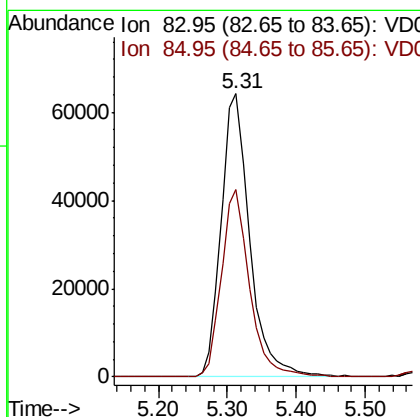
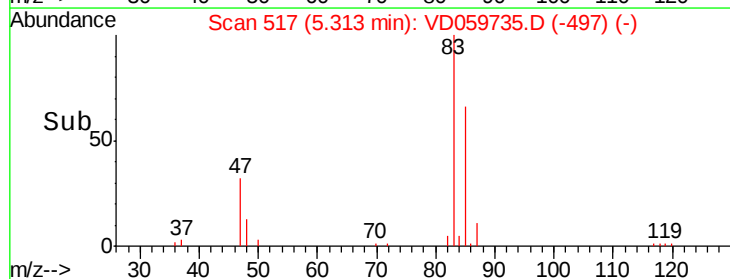
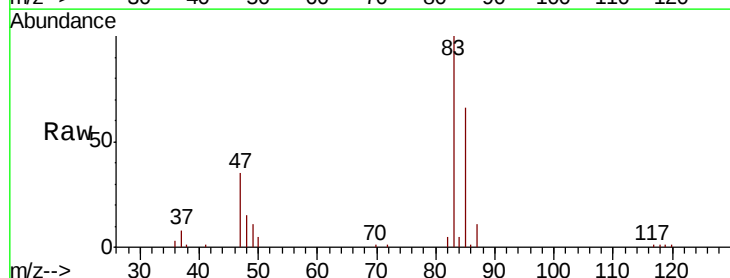
Manual Integrations
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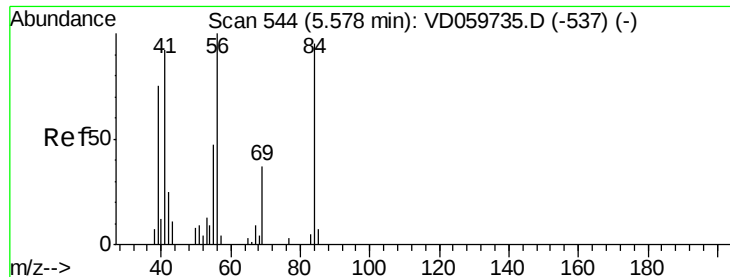
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#30
Chloroform
Concen: 55.62 ug/l
RT: 5.31 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.9	79.3





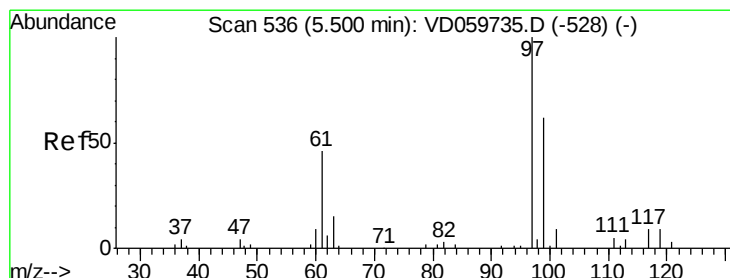
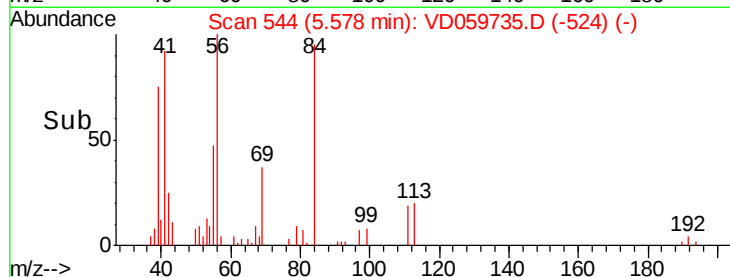
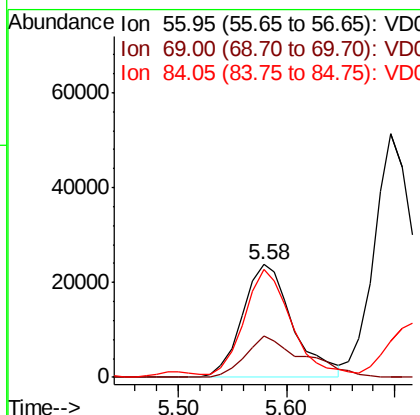
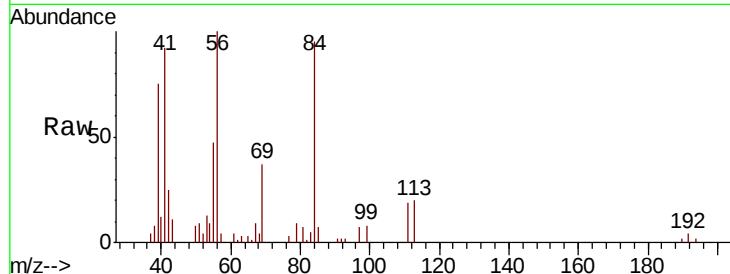
#31
Cyclohexane
Concen: 39.45 ug/l
RT: 5.58 min Scan# 544
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.6	29.3	43.9
84	95.2	76.2	114.2

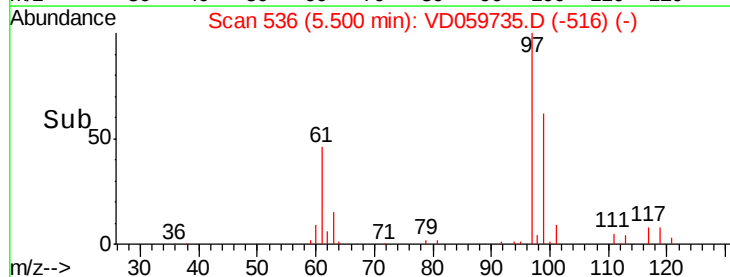
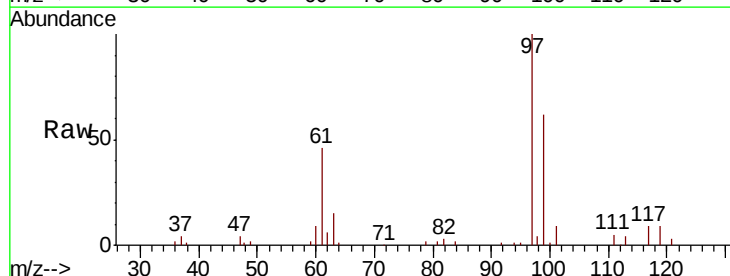
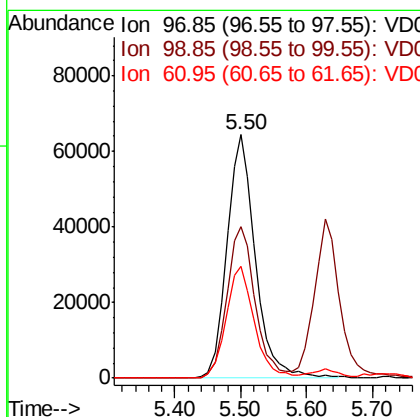
Manual Integrations
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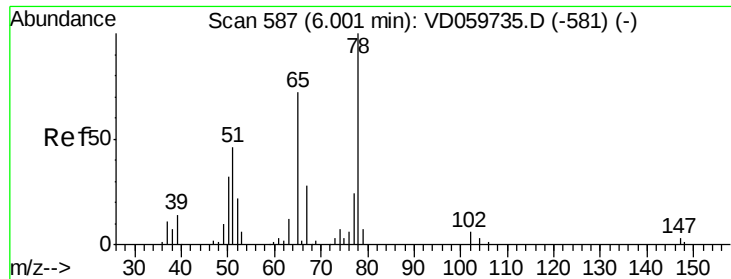
apatel
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#32
1,1,1-Trichloroethane
Concen: 59.45 ug/l
RT: 5.50 min Scan# 536
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.2	49.8	74.6
61	46.2	37.0	55.4





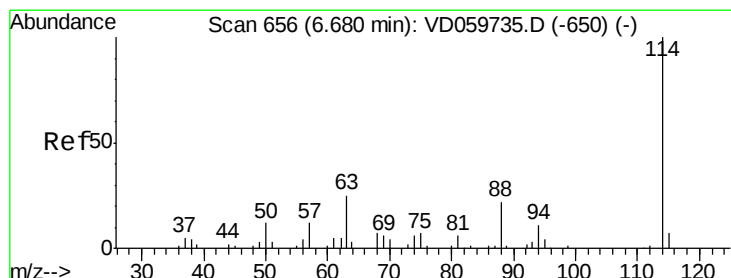
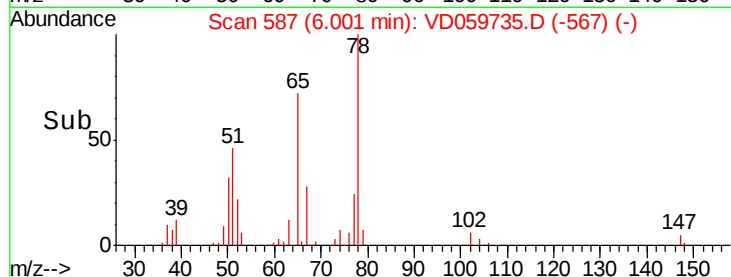
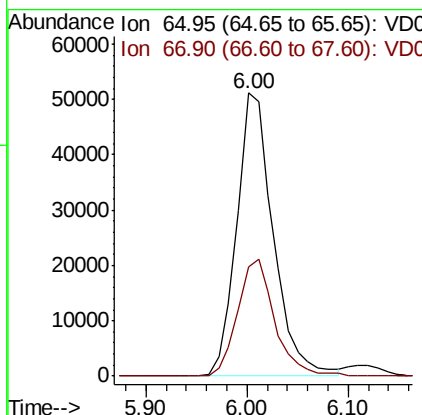
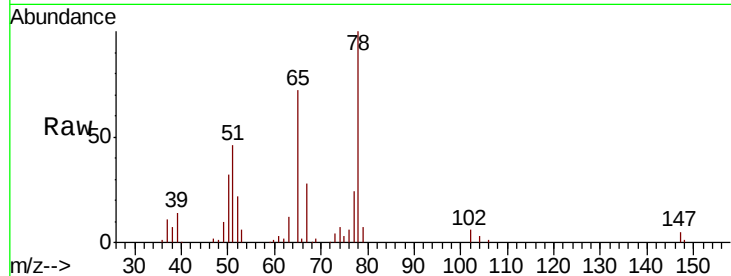
#33
 1,2-Dichloroethane-d4
 Concen: 59.45 ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	38.7	0.0	77.4	

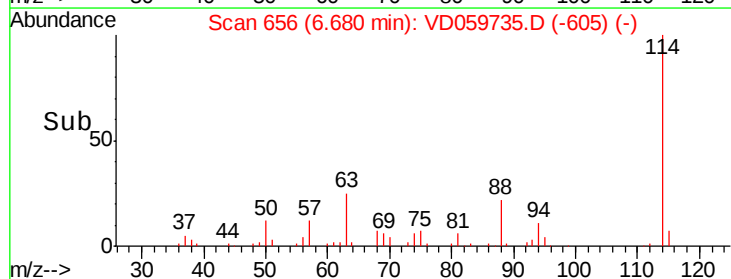
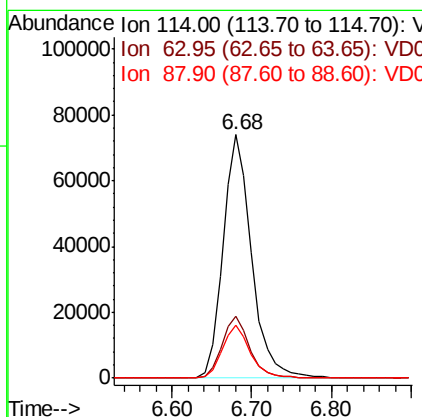
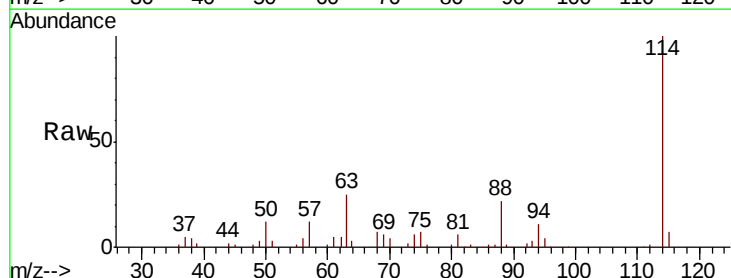
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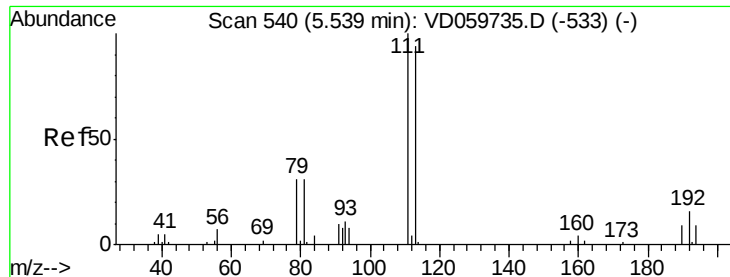
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	25.3	0.0	50.6	
88	21.7	0.0	43.4	





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

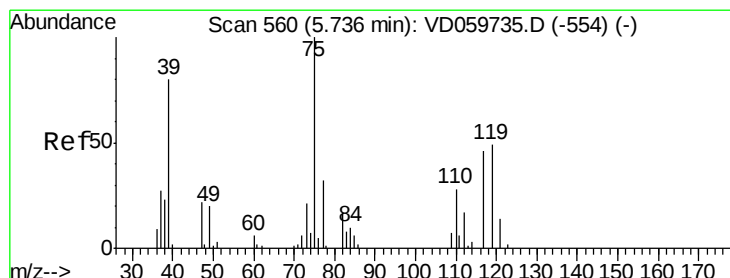
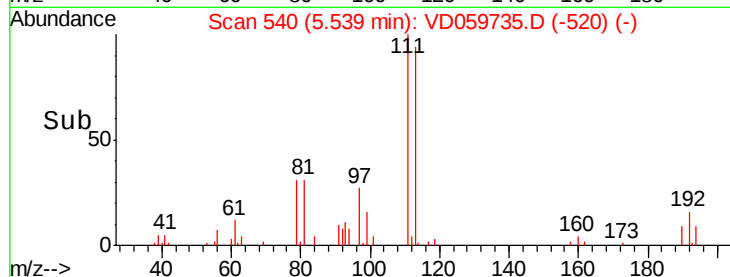
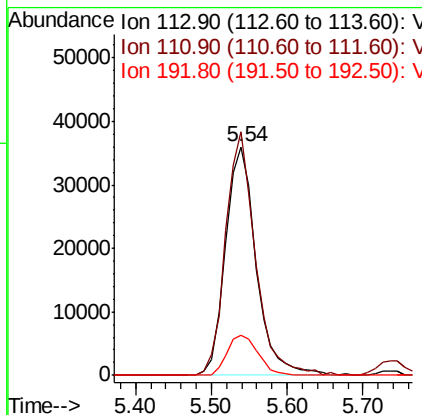
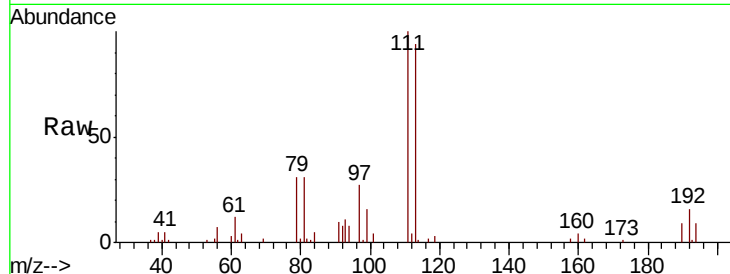
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	100465
Ion Ratio	Lower	Upper	
113	100		
111	106.6	85.3	127.9
192	17.4	13.9	20.9

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#36

1,1-Dichloropropene

Concen: 55.09 ug/l

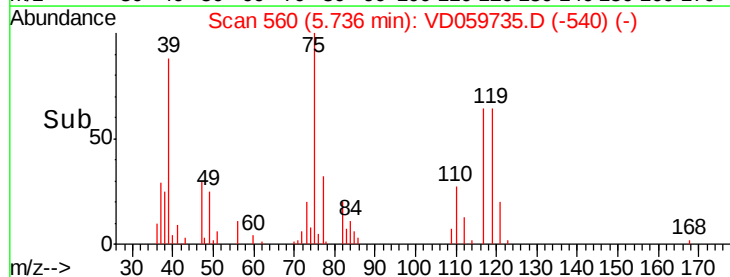
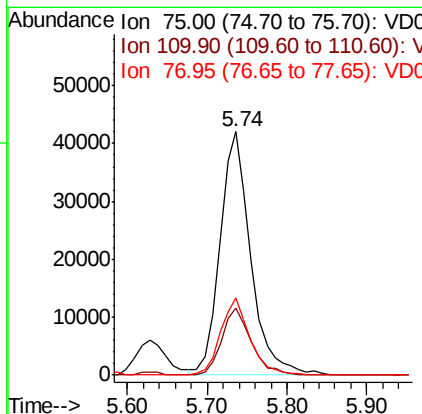
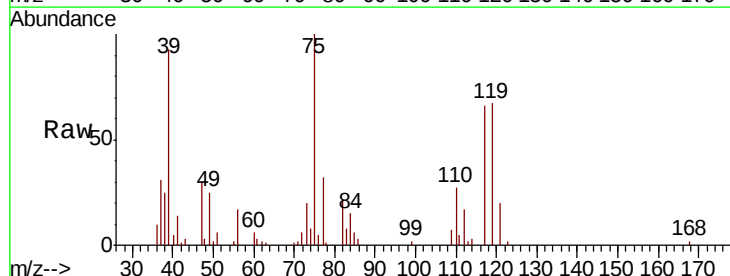
RT: 5.74 min Scan# 560

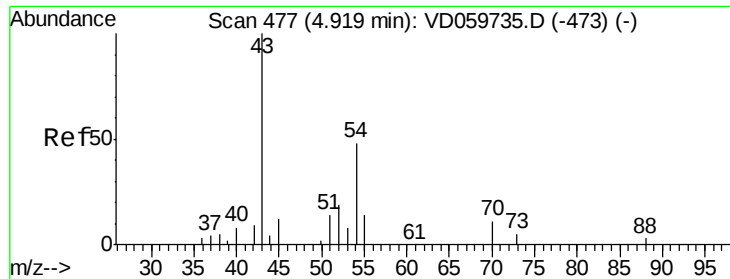
Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Tgt Ion:	75	Resp:	113565
Ion Ratio	Lower	Upper	
75	100		
110	27.3	13.7	41.0
77	31.8	25.4	38.2





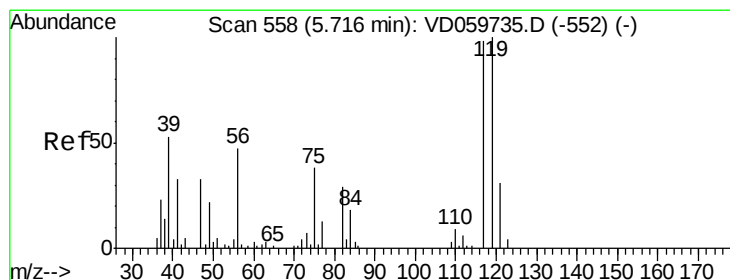
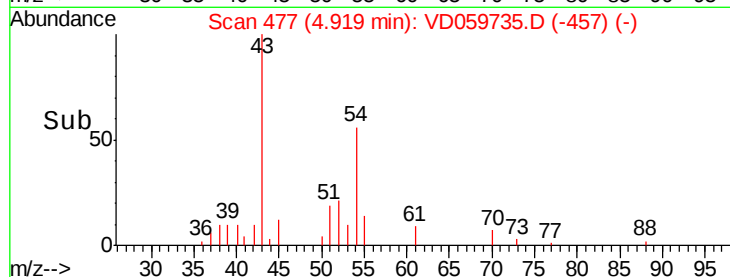
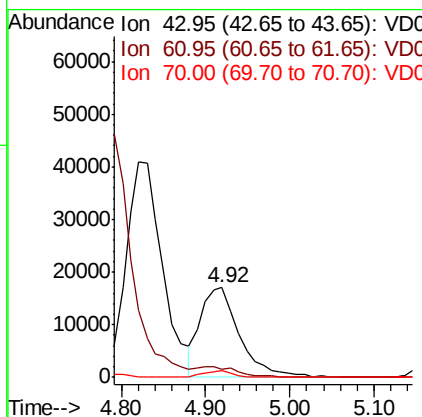
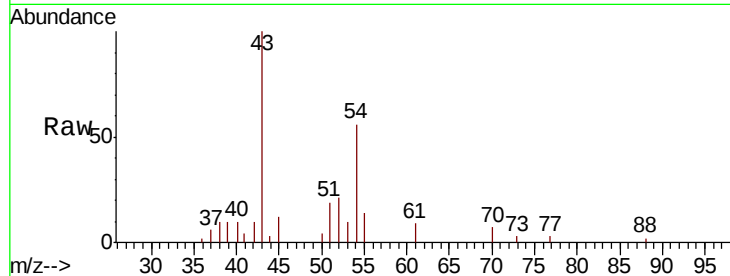
#37
Ethyl Acetate
Concen: 54.77 ug/l
RT: 4.92 min Scan# 477
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	9.2	7.4	11.0
70	7.3	5.8	8.8

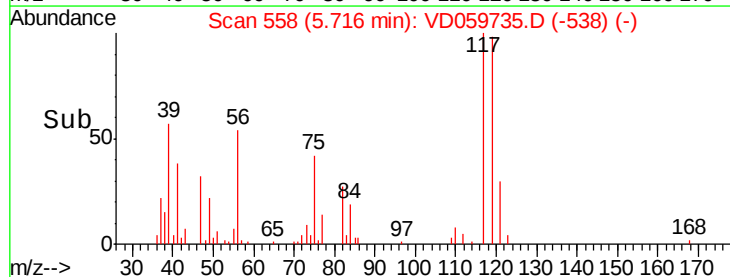
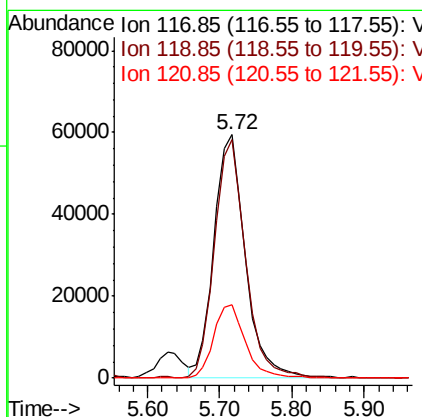
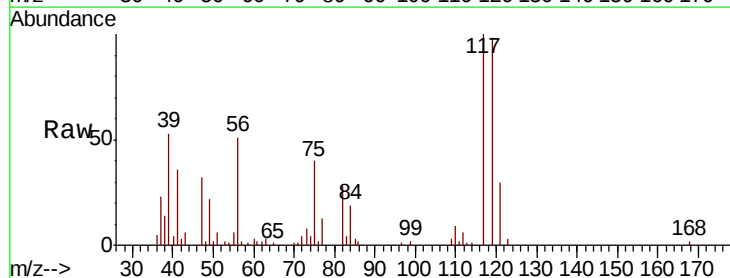
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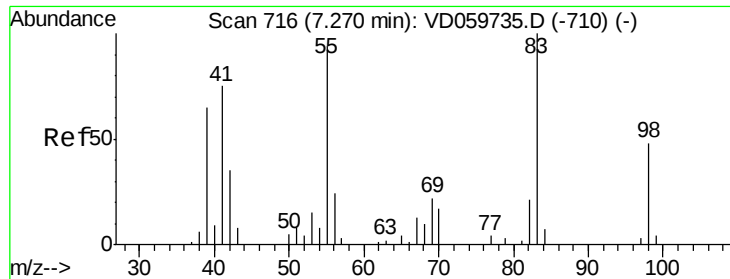
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#38
Carbon Tetrachloride
Concen: 63.06 ug/l
RT: 5.72 min Scan# 558
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.2	117.2
121	29.9	23.9	35.9





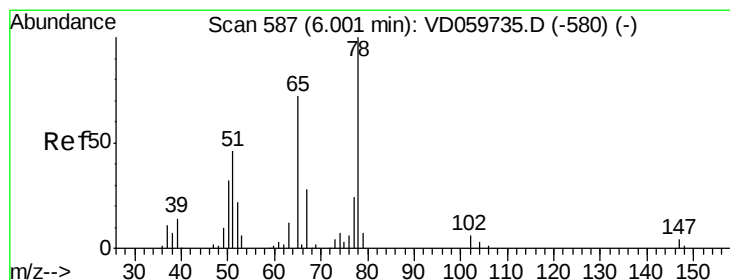
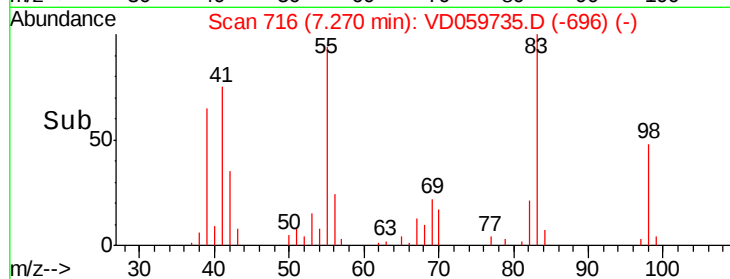
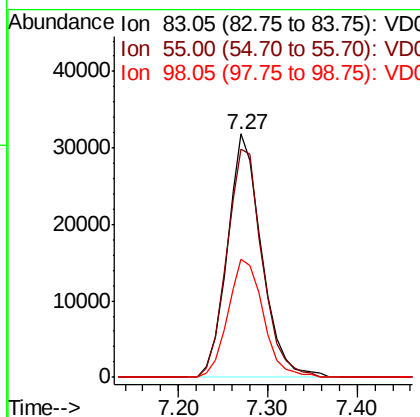
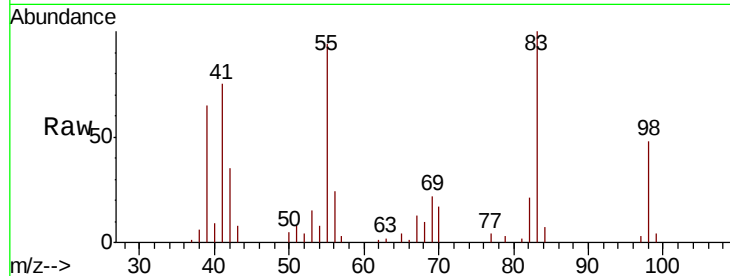
#39
Methylcyclohexane
Concen: 50.14 ug/l
RT: 7.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	85381
Ion Ratio	100	Lower	Upper
83	100		
55	93.9	75.1	112.7
98	48.4	38.7	58.1

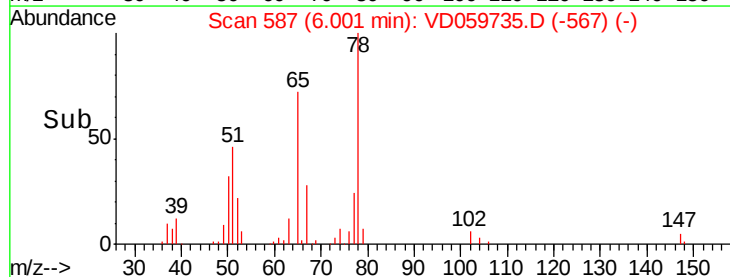
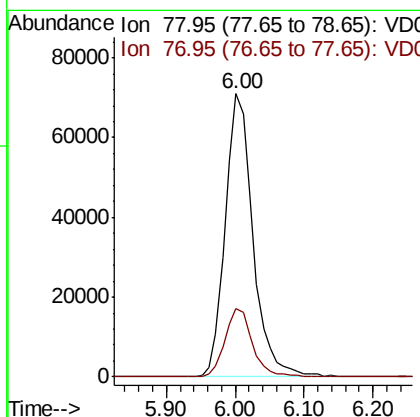
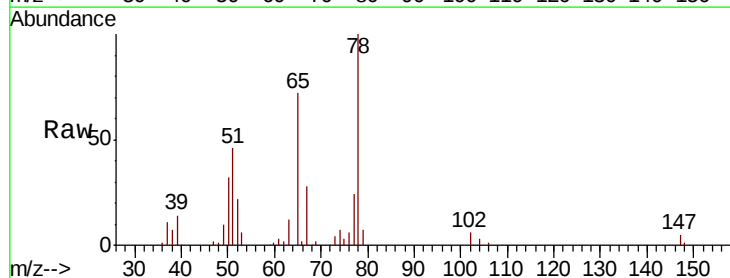
Manual Integrations
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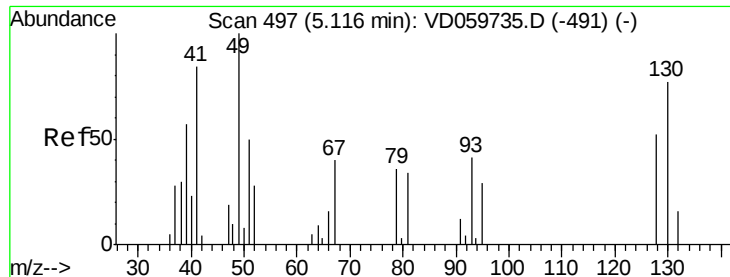
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#40
Benzene
Concen: 50.28 ug/l
RT: 6.00 min Scan# 587
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion	78	Resp	197615
Ion Ratio	100	Lower	Upper
78	100		
77	24.2	19.4	29.0





#41

Methacrylonitrile

Concen: 51.76 ug/l

RT: 5.12 min Scan# 497

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 23615

Ion Ratio Lower Upper

41 100

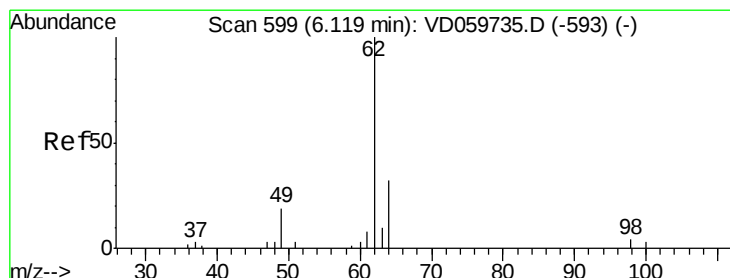
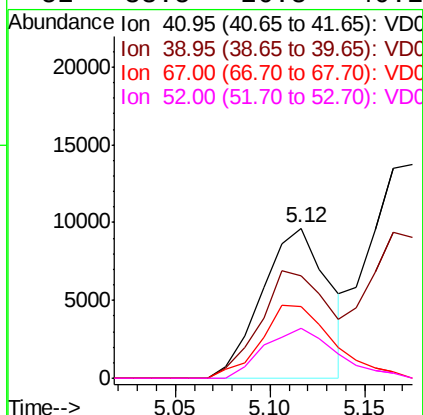
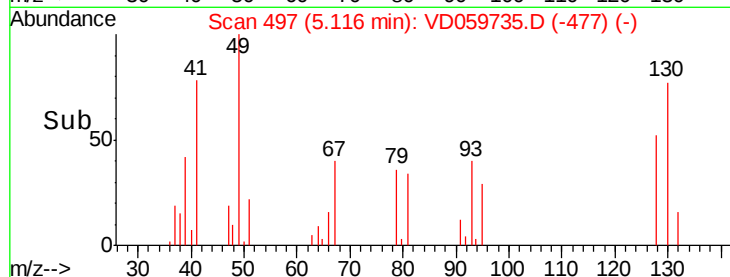
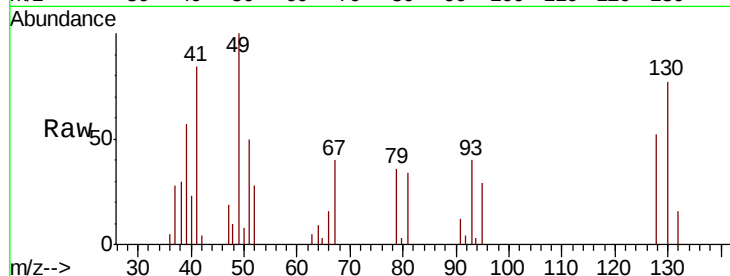
39 67.9 54.3 81.5

67 47.7 38.2 57.2

52 33.5 26.8 40.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 64.63 ug/l

RT: 6.12 min Scan# 599

Delta R.T. 0.00 min

Lab File: VD059735.D

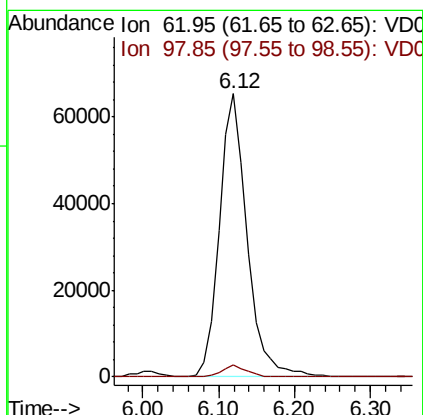
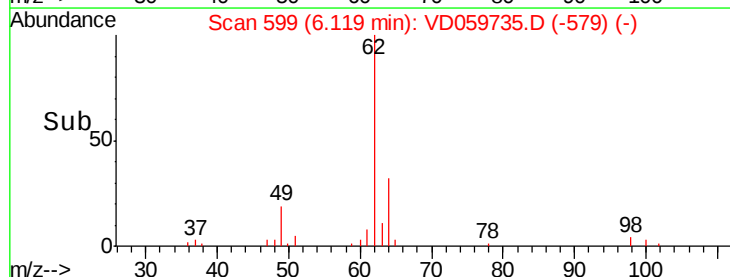
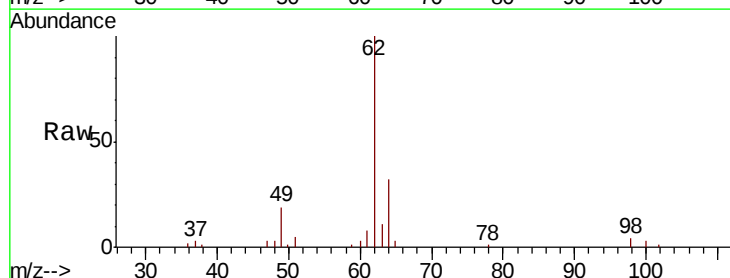
Acq: 10 Aug 2018 18:09

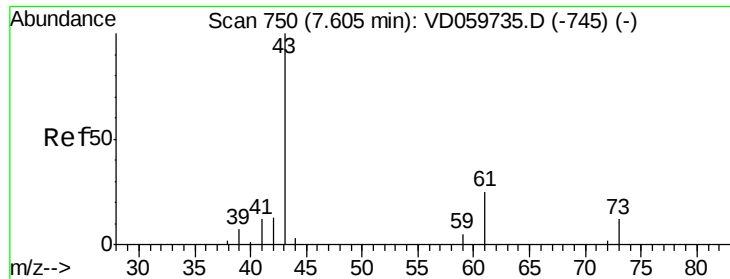
Tgt Ion: 62 Resp: 165374

Ion Ratio Lower Upper

62 100

98 4.1 0.0 8.2





#43

Isopropyl Acetate

Concen: 52.65 ug/l

RT: 7.60 min Scan# 750

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

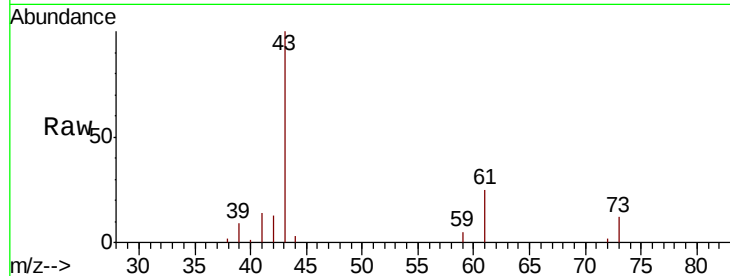
ClientSampleId :

VSTDICCC050

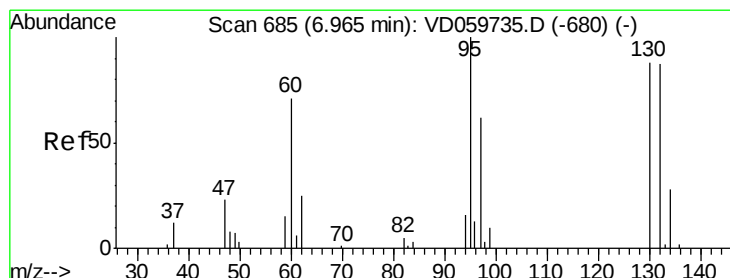
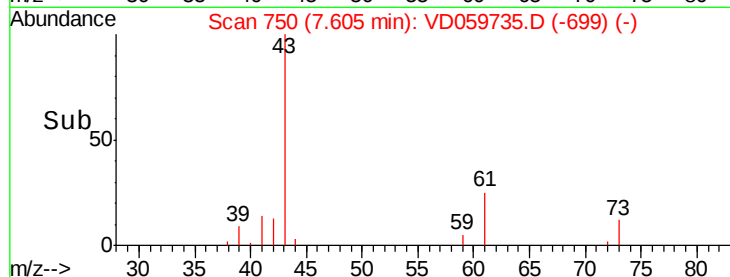
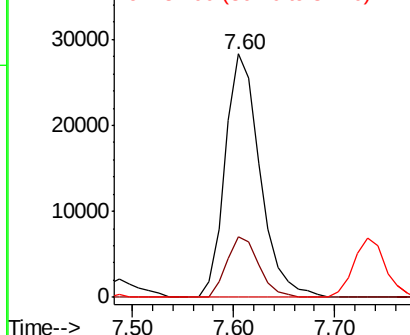
Tot Ion:	43	Resp:	67890
Ion	Ratio	Lower	Upper
43	100		
61	24.8	19.8	29.8
87	0.0	0.0	0.0

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Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 55.85 ug/l

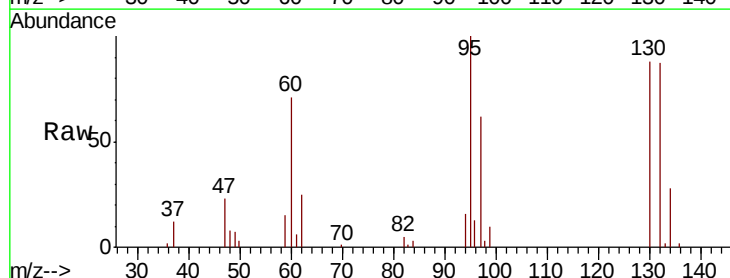
RT: 6.97 min Scan# 685

Delta R.T. 0.00 min

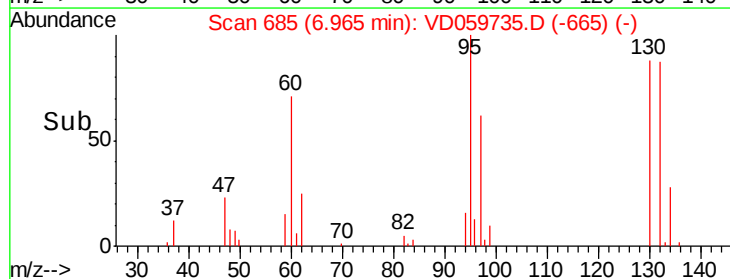
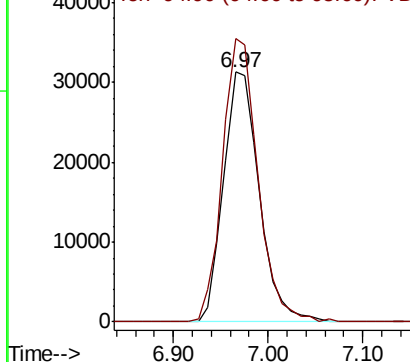
Lab File: VD059735.D

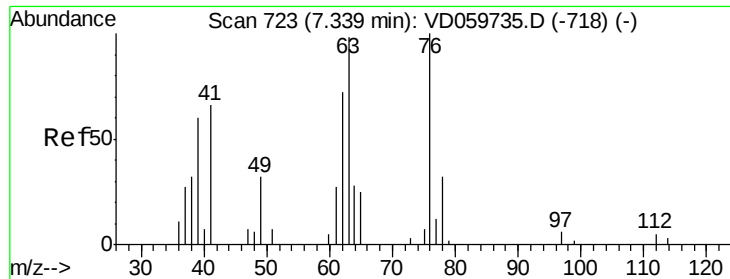
Acq: 10 Aug 2018 18:09

Tgt Ion:	130	Resp:	82024
Ion	Ratio	Lower	Upper
130	100		
95	113.2	0.0	226.4



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





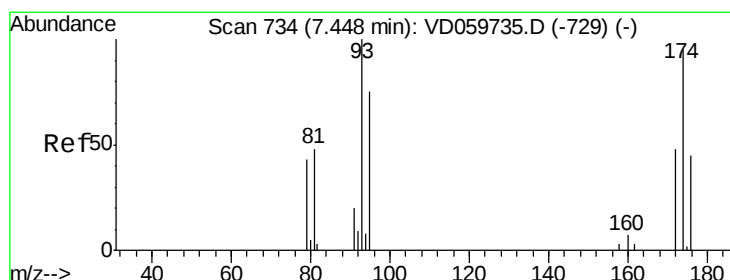
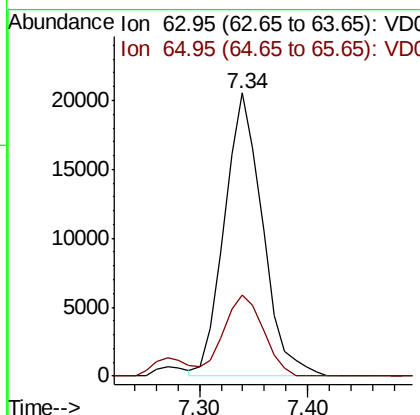
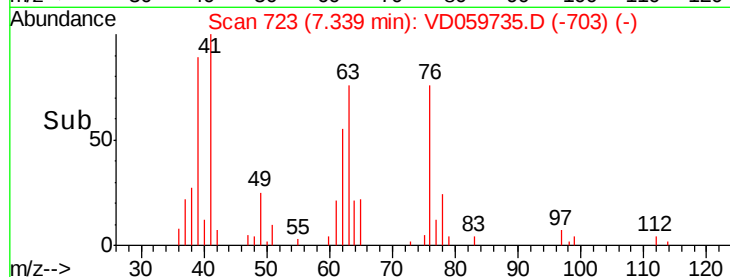
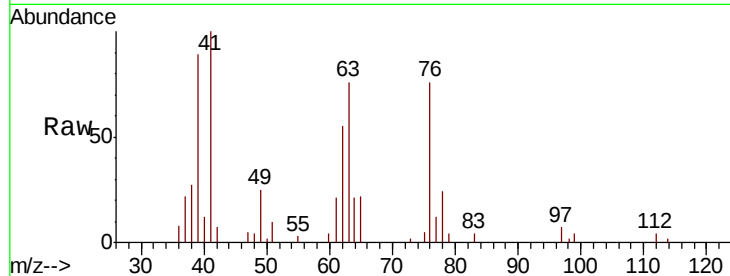
#45
 1,2-Dichloropropane
 Concen: 48.47 ug/l
 RT: 7.34 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 50241
 Ion Ratio Lower Upper
 63 100
 65 28.7 23.0 34.4

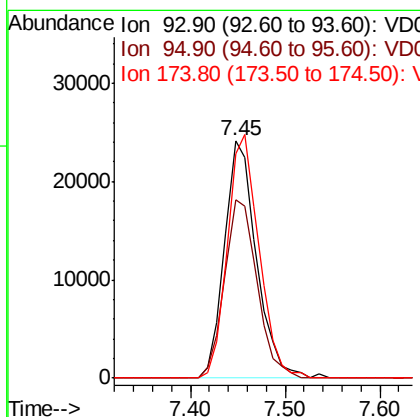
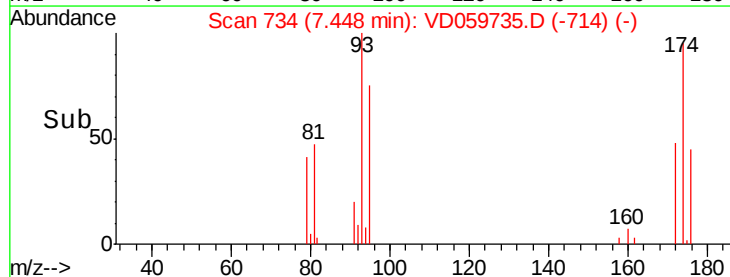
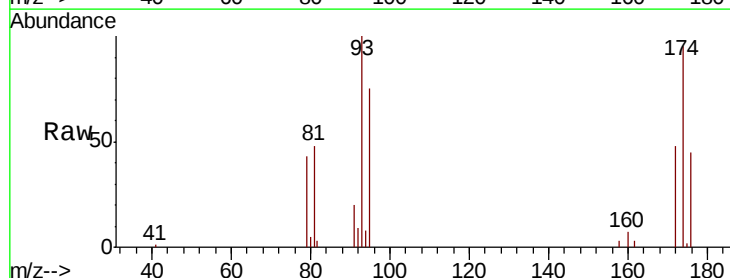
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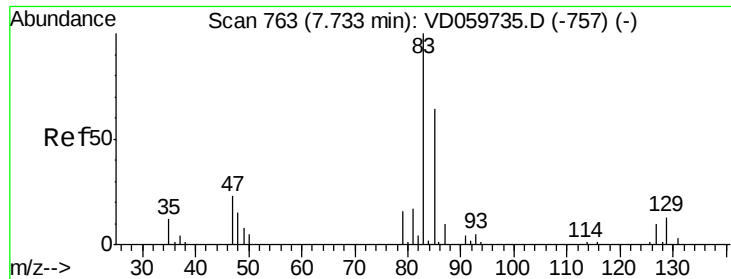
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#46
 Dibromomethane
 Concen: 60.84 ug/l
 RT: 7.45 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Tgt Ion: 93 Resp: 56460
 Ion Ratio Lower Upper
 93 100
 95 75.2 60.2 90.2
 174 94.5 75.6 113.4





#47

Bromodichloromethane

Concen: 61.59 ug/l

RT: 7.73 min Scan# 763

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

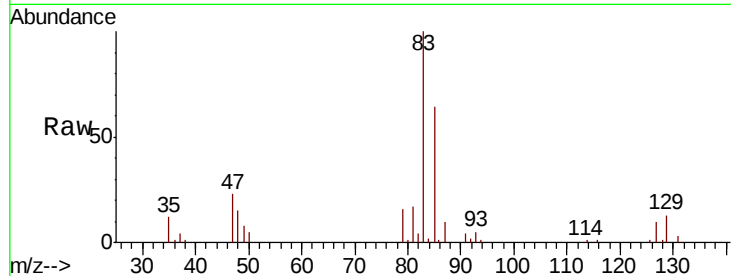
ClientSampleId :

VSTDICCC050

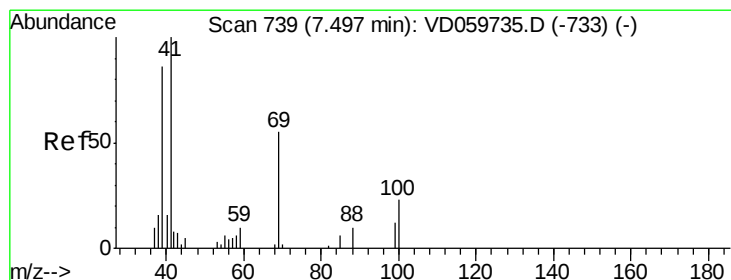
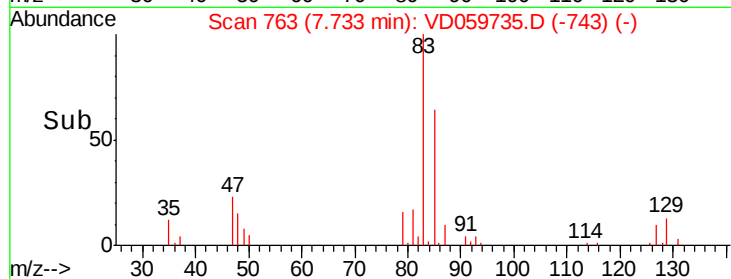
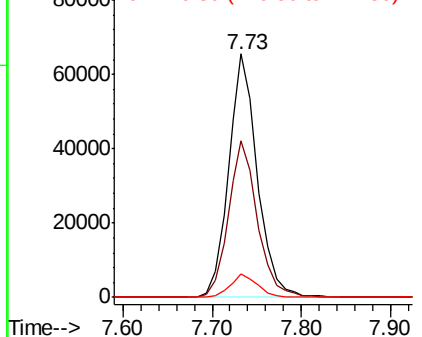
Tot Ion:	83	Resp:	146837
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4
127	9.6	7.7	11.5

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Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 57.31 ug/l

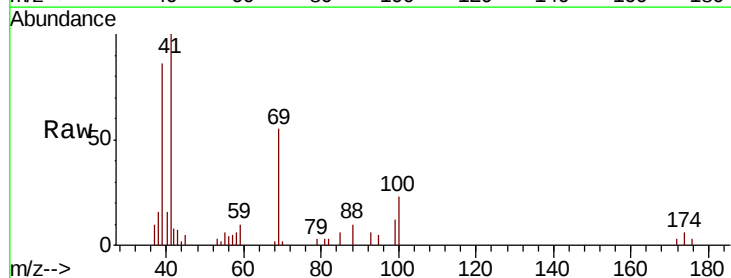
RT: 7.50 min Scan# 739

Delta R.T. 0.00 min

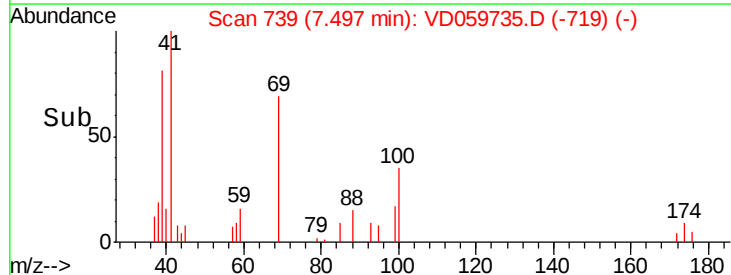
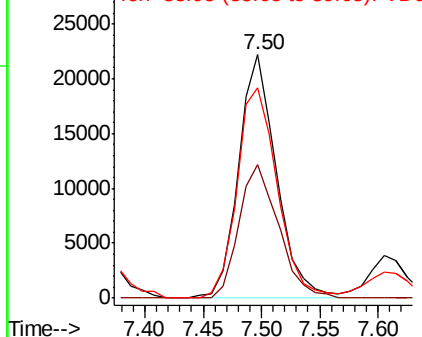
Lab File: VD059735.D

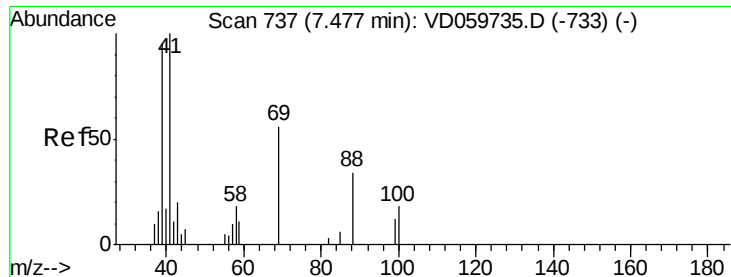
Acq: 10 Aug 2018 18:09

Tgt Ion:	41	Resp:	49810
Ion	Ratio	Lower	Upper
41	100		
69	54.7	43.8	65.6
39	86.4	69.1	103.7



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC





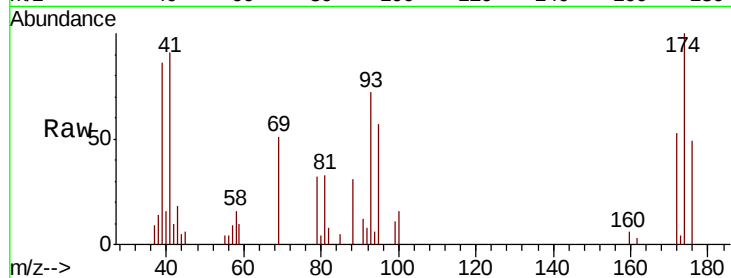
#49
1,4-Dioxane
Concen: 1212.70 ug/l
RT: 7.48 min Scan# 737
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

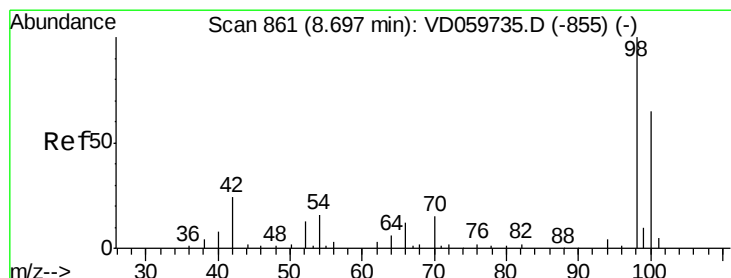
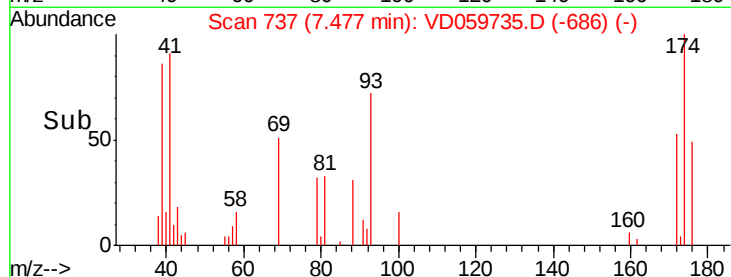
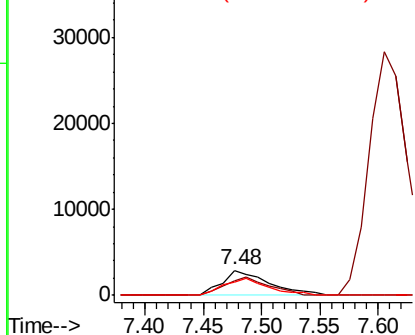
Tot Ion	Ratio	Lower	Upper
88	100		
43	58.4	46.7	70.1
58	52.6	42.1	63.1

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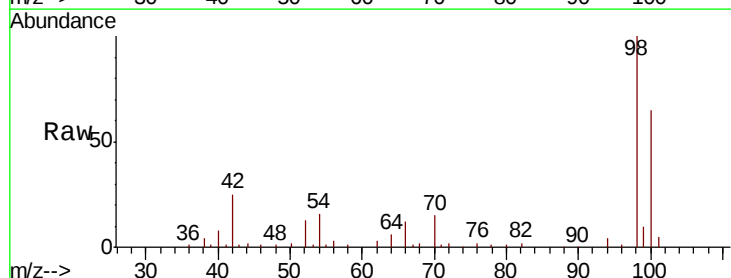


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

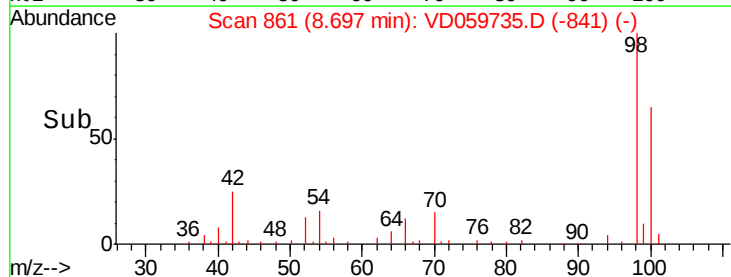
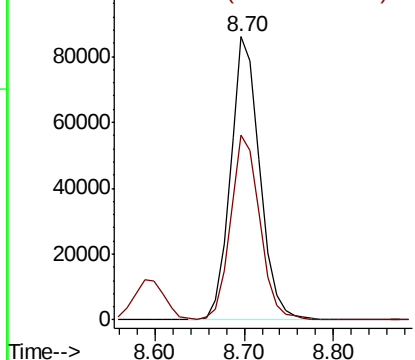


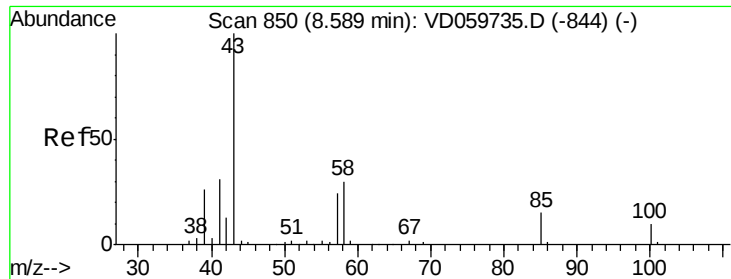
#50
Toluene-d8
Concen: 1212.70 ug/l
RT: 8.70 min Scan# 861
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 292.41 ug/l

RT: 8.59 min Scan# 850

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 278624

Ion Ratio Lower Upper

43 100

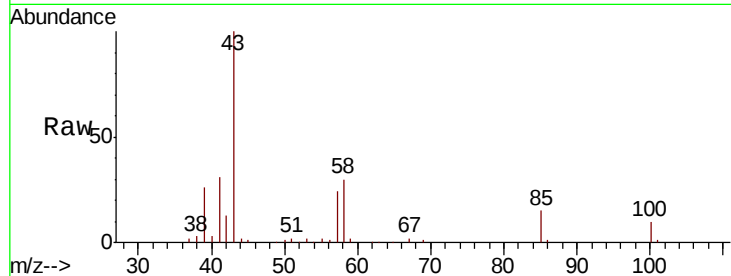
58 30.4 24.3 36.5

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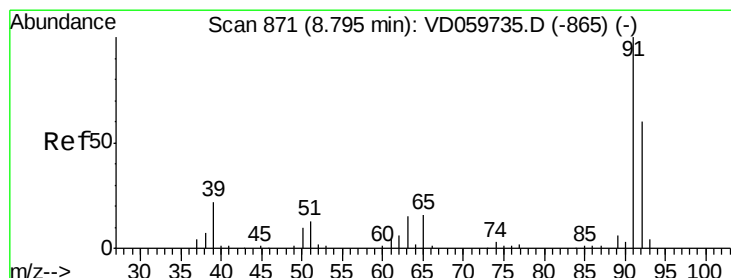
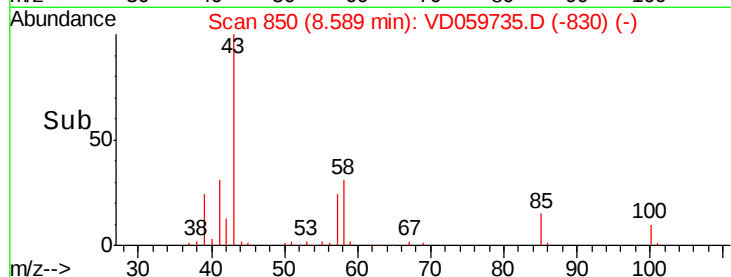
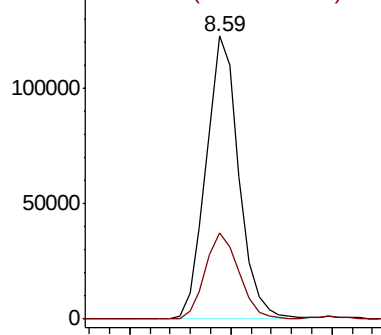
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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 49.07 ug/l

RT: 8.80 min Scan# 871

Delta R.T. 0.00 min

Lab File: VD059735.D

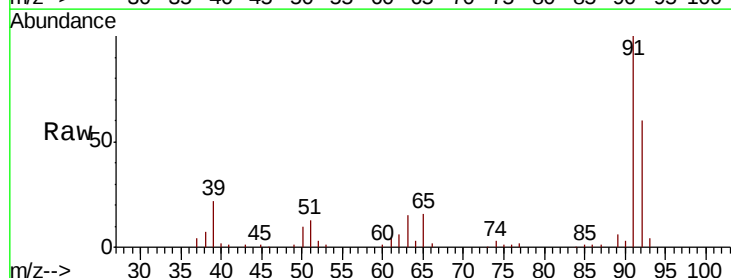
Acq: 10 Aug 2018 18:09

Tgt Ion: 92 Resp: 123567

Ion Ratio Lower Upper

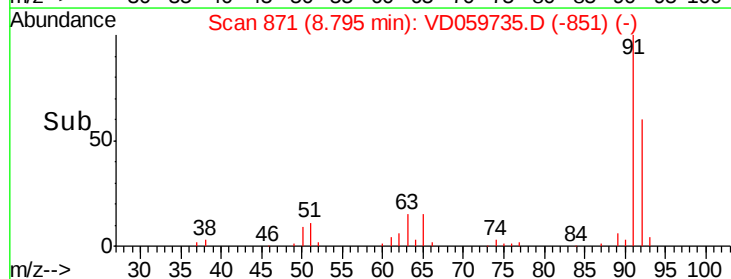
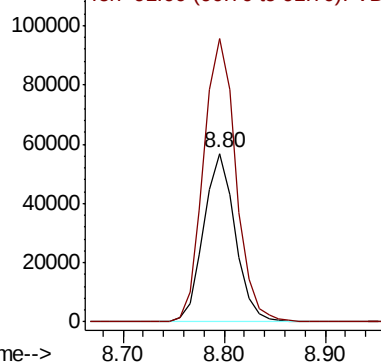
92 100

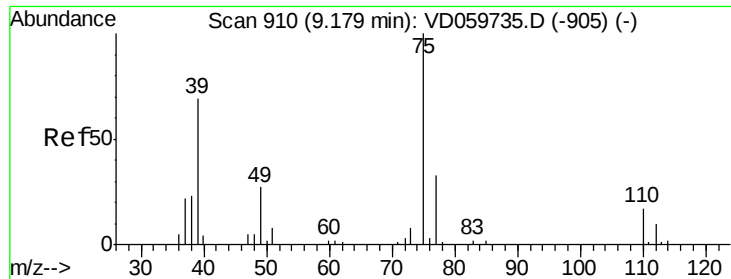
91 168.0 134.4 201.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 58.59 ug/l

RT: 9.18 min Scan# 910

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 116816

Ion Ratio Lower Upper

75 100

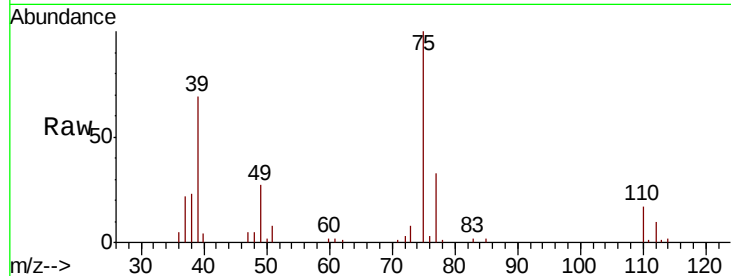
77 32.7 26.2 39.2

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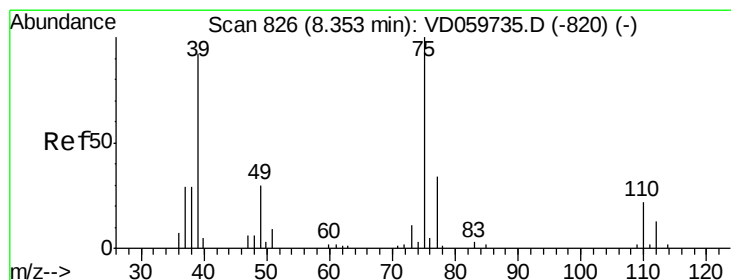
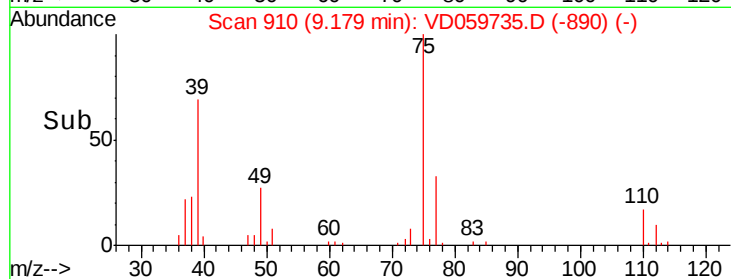
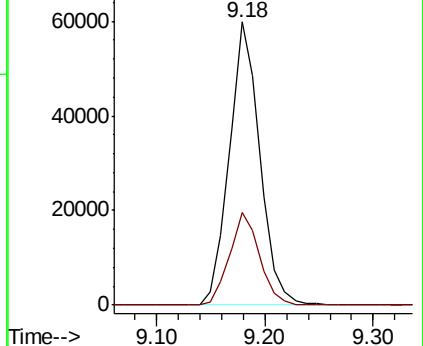
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Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 52.60 ug/l

RT: 8.35 min Scan# 826

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

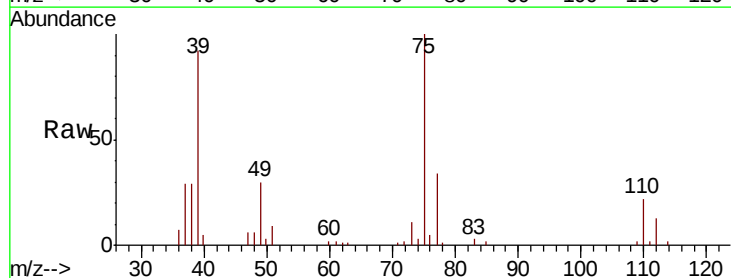
Tgt Ion: 75 Resp: 106259

Ion Ratio Lower Upper

75 100

77 34.0 27.2 40.8

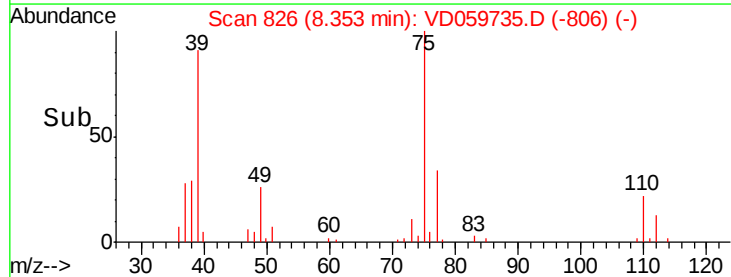
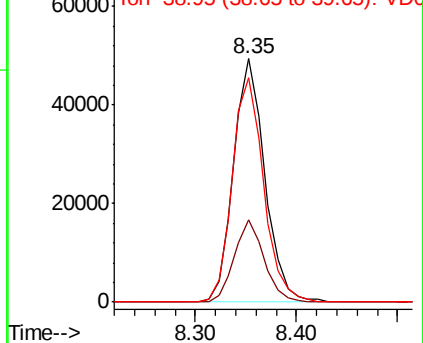
39 92.3 73.8 110.8

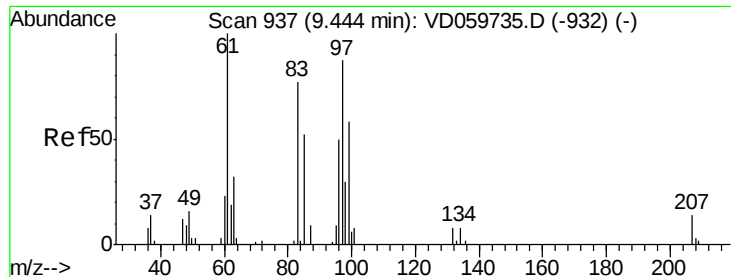


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC





#55

1,1,2-Trichloroethane

Concen: 50.50 ug/l

RT: 9.44 min Scan# 937

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

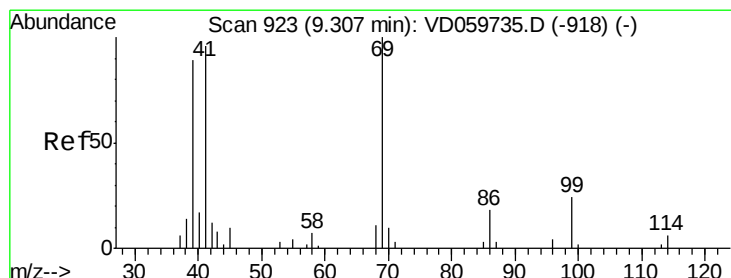
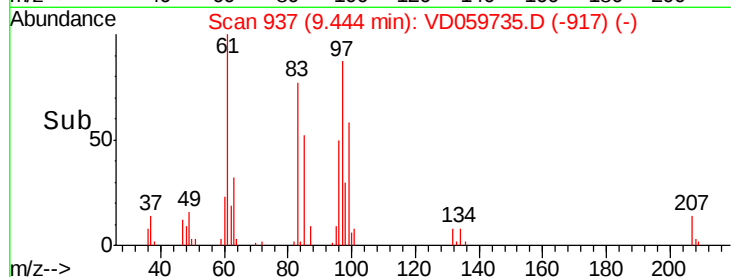
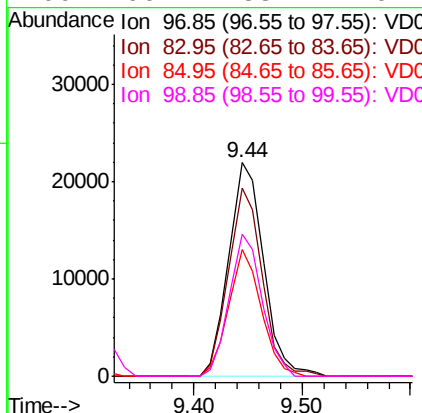
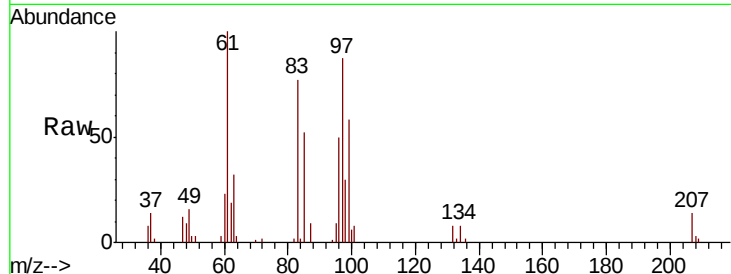
ClientSampleId :

VSTDICCC050

Tot Ion:	97	Resp:	49428
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.4	105.6
85	59.5	47.6	71.4
99	66.4	53.1	79.7

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#56

Ethyl methacrylate

Concen: 53.27 ug/l

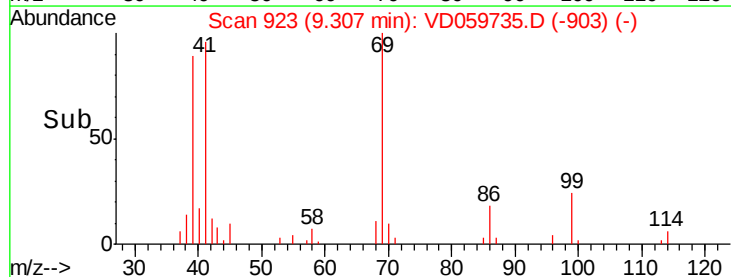
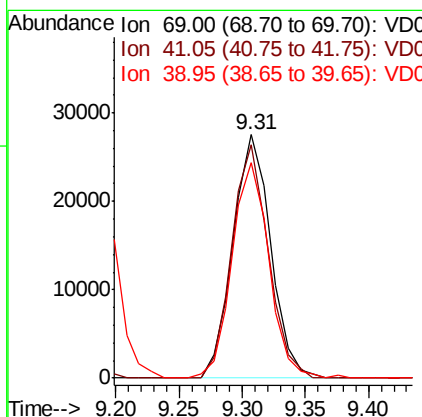
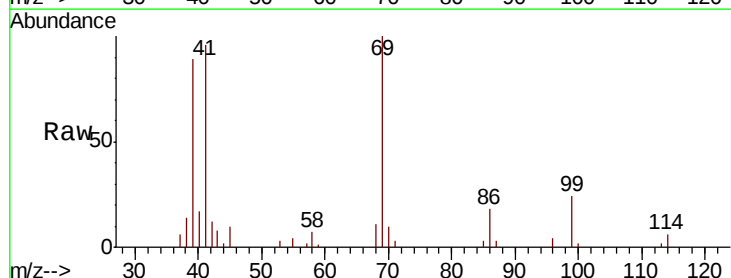
RT: 9.31 min Scan# 923

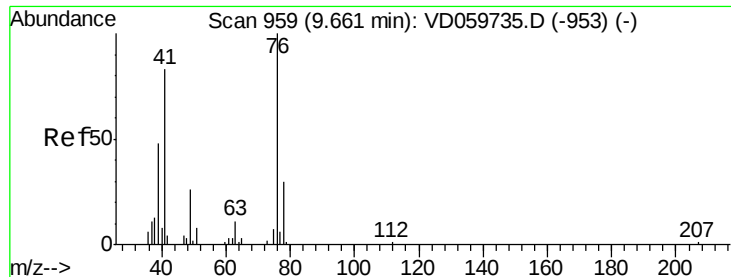
Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Tgt Ion:	69	Resp:	57015
Ion	Ratio	Lower	Upper
69	100		
41	95.9	76.7	115.1
39	88.7	71.0	106.4





#57

1,3-Dichloropropane

Concen: 55.54 ug/l

RT: 9.66 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 84668

Ion Ratio Lower Upper

76 100

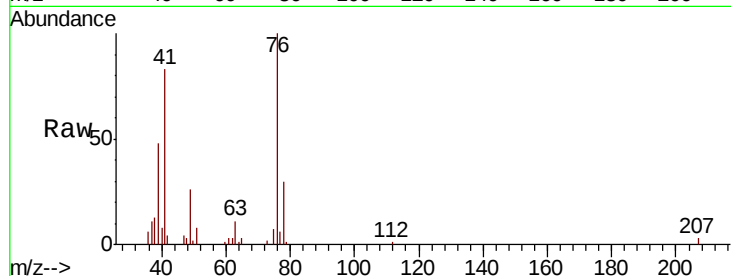
78 29.8 23.8 35.8

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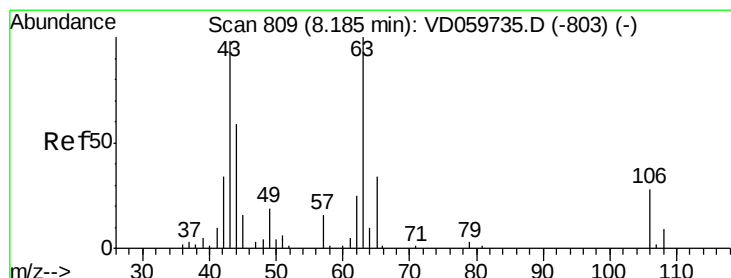
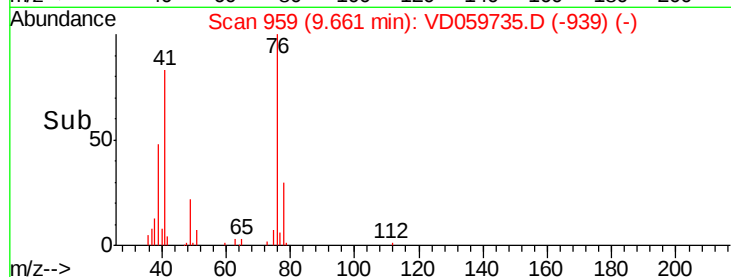
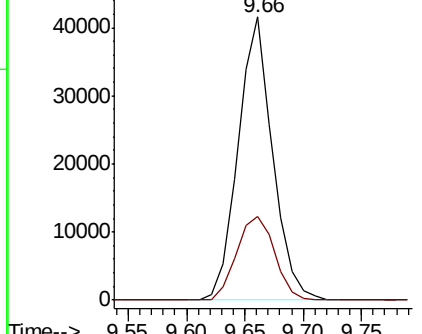
apatel

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Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 262.76 ug/l

RT: 8.19 min Scan# 809

Delta R.T. 0.00 min

Lab File: VD059735.D

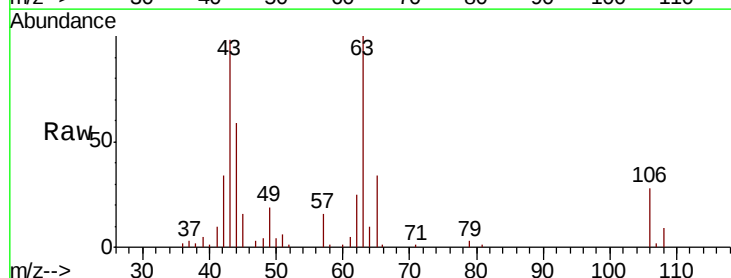
Acq: 10 Aug 2018 18:09

Tgt Ion: 63 Resp: 135323

Ion Ratio Lower Upper

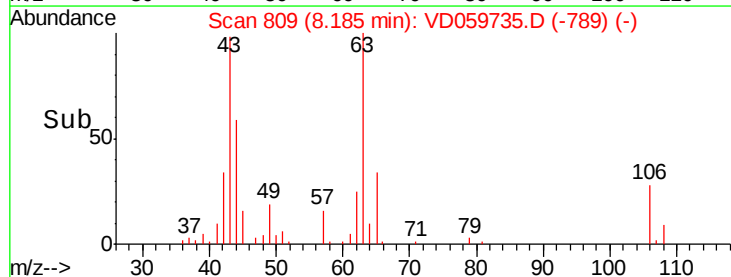
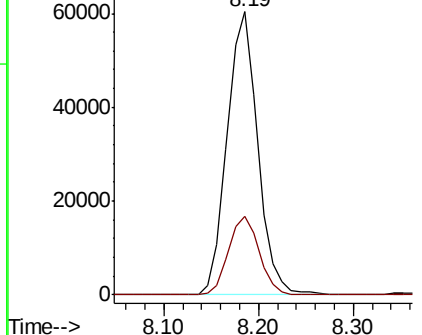
63 100

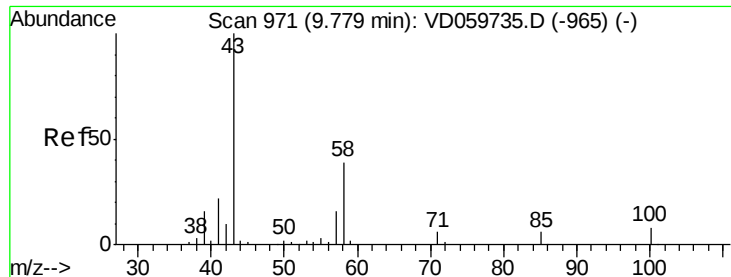
106 27.7 22.2 33.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC





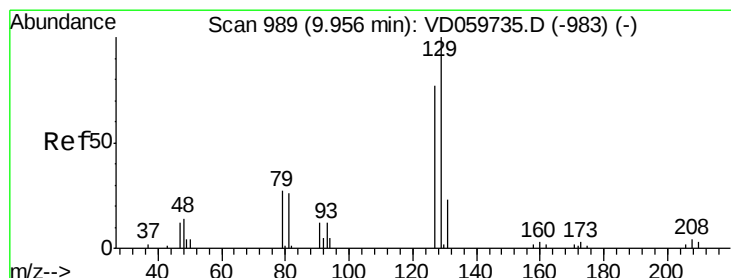
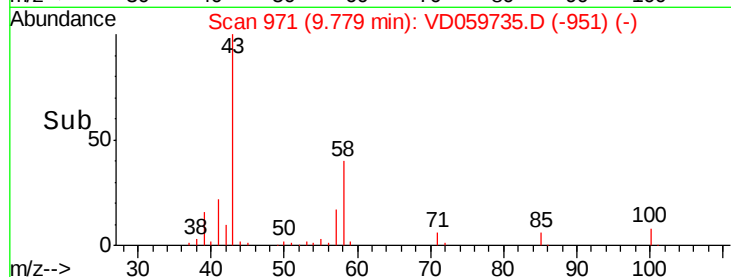
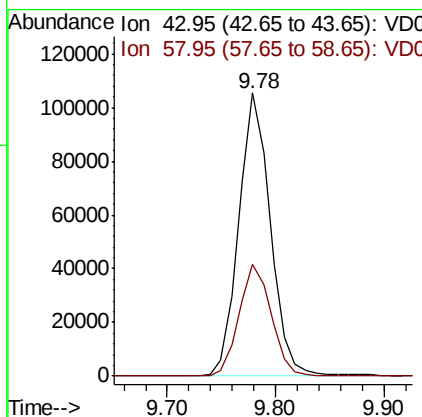
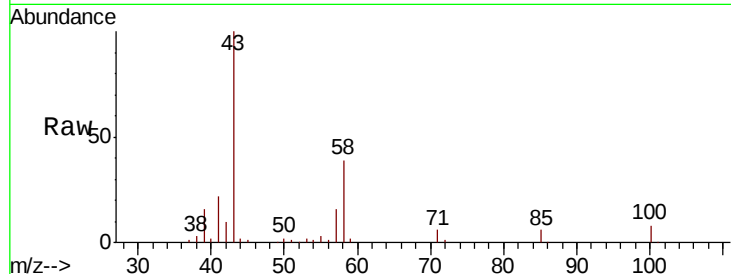
#59
2-Hexanone
Concen: 298.94 ug/l
RT: 9.78 min Scan# 971
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	19.8	59.3

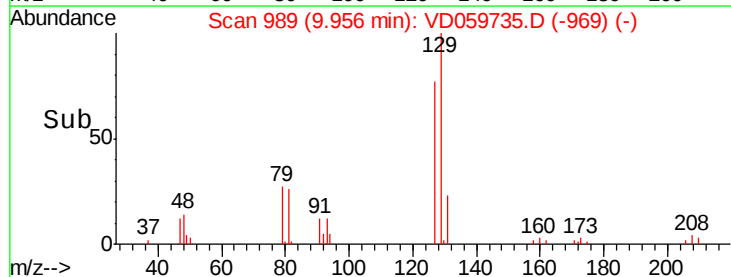
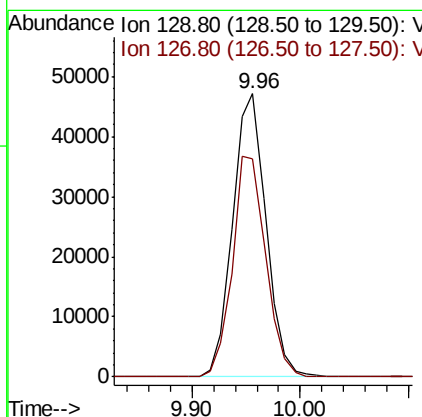
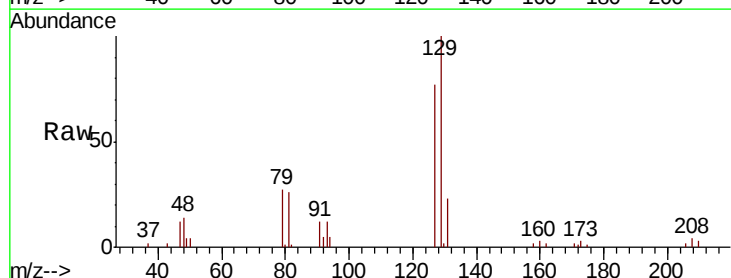
Manual Integrations
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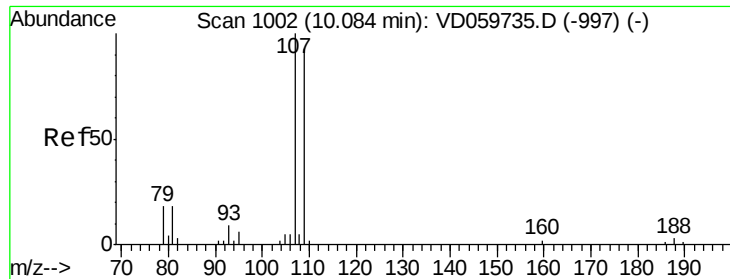
apatel
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#60
Dibromochloromethane
Concen: 63.12 ug/l
RT: 9.96 min Scan# 989
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.7





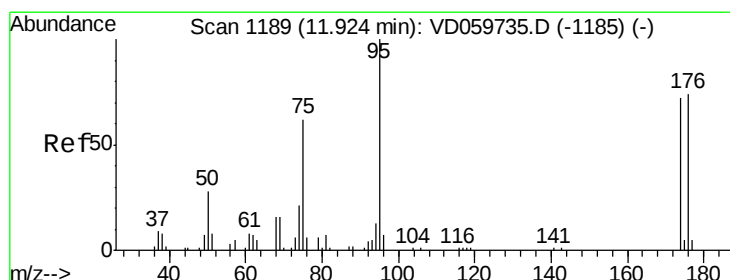
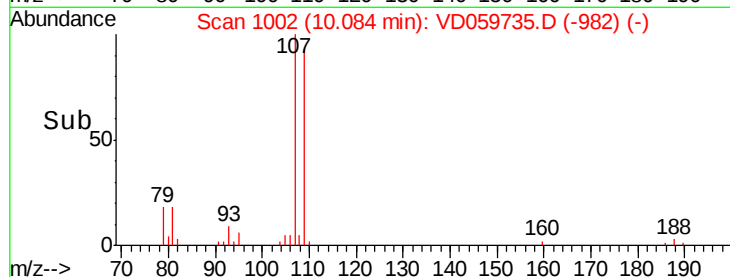
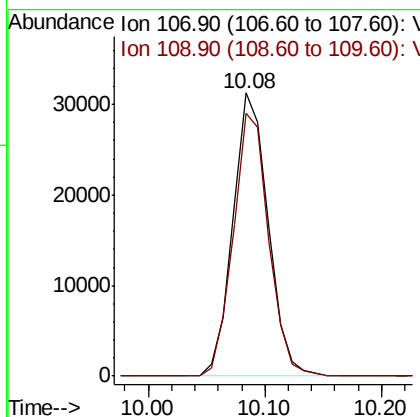
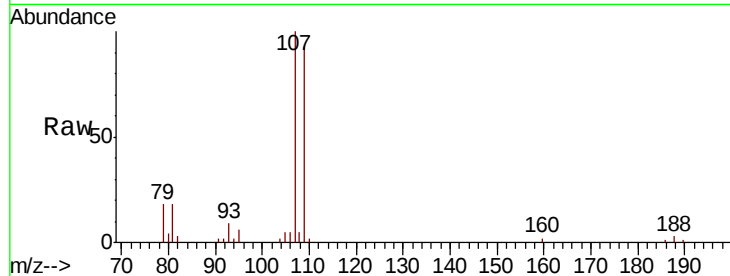
#61
 1,2-Dibromoethane
 Concen: 57.64 ug/l
 RT: 10.08 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	74.3	111.5

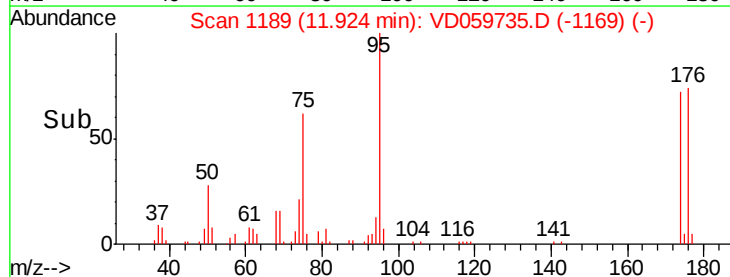
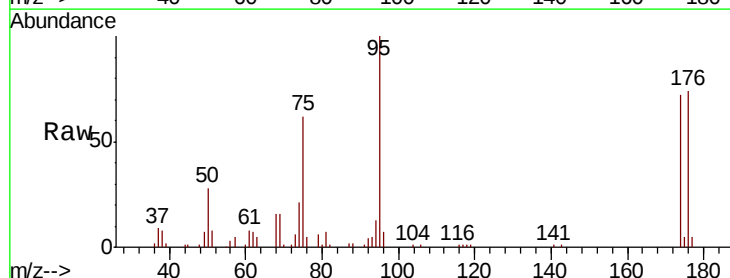
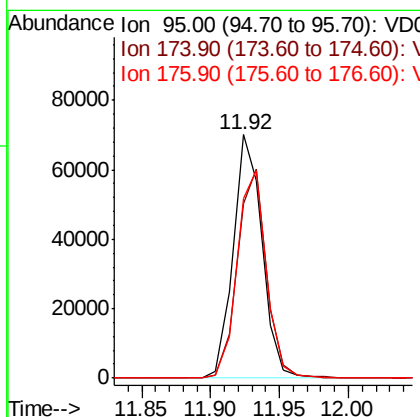
Manual Integrations
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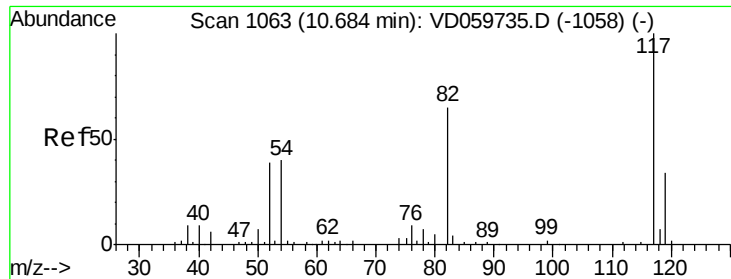
apatel
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#62
 4-Bromofluorobenzene
 Concen: 57.64 ug/l
 RT: 11.92 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	143.2
176	73.6	0.0	147.2





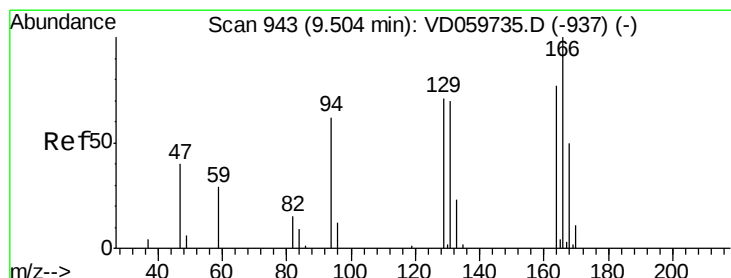
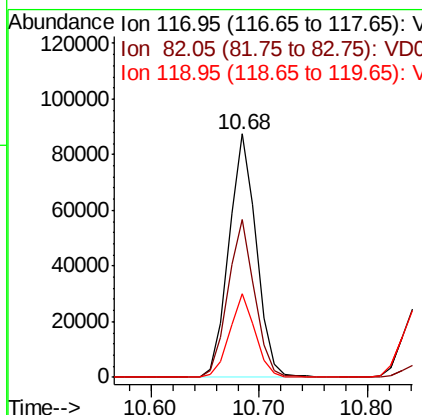
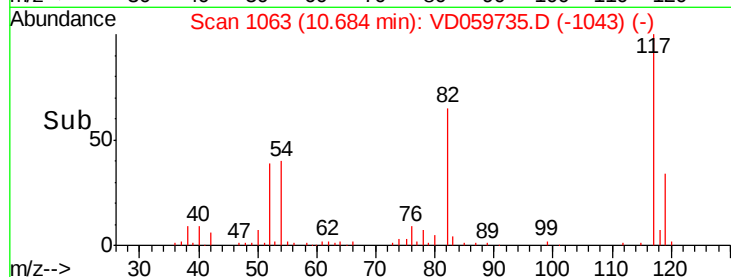
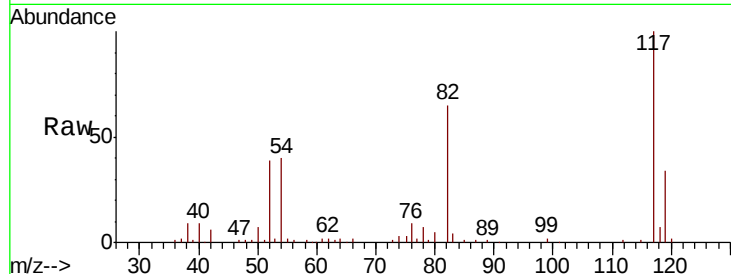
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.9	51.9	77.9
119	34.2	27.4	41.0

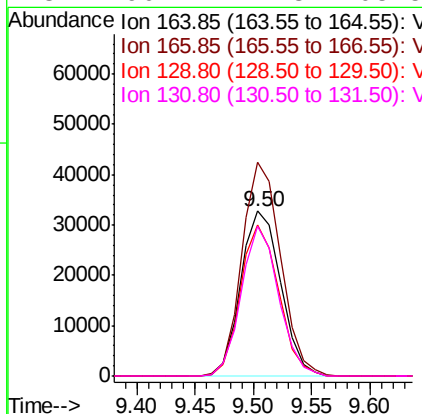
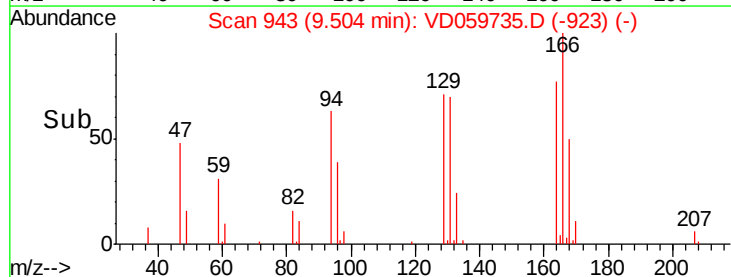
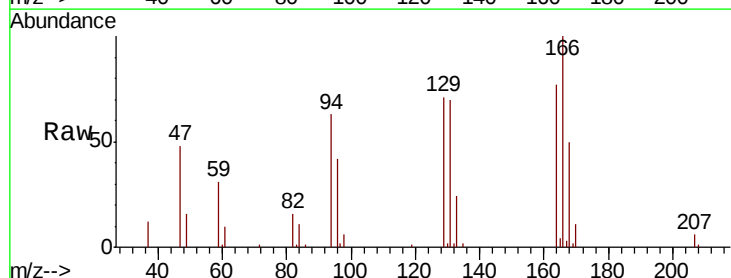
Manual Integrations
APPROVED

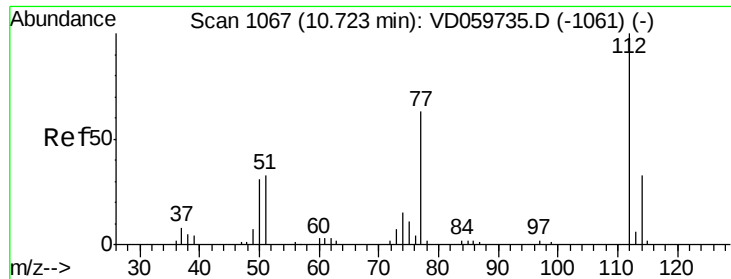
apatel
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#64
Tetrachloroethene
Concen: 53.36 ug/l
RT: 9.50 min Scan# 943
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	103.5	155.3
129	91.9	73.5	110.3
131	90.4	72.3	108.5





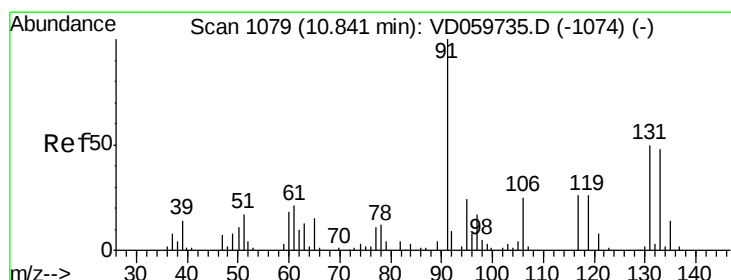
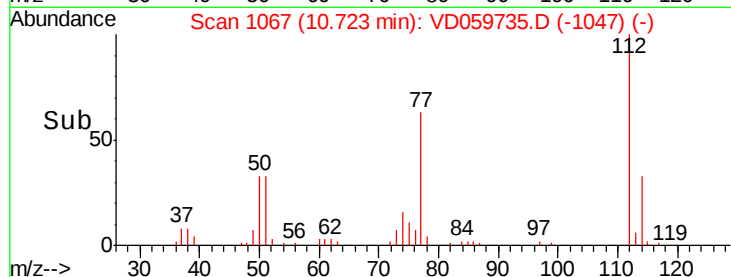
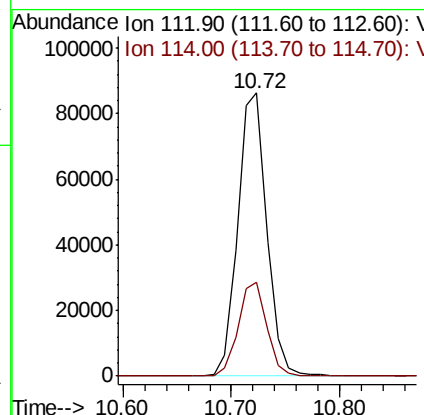
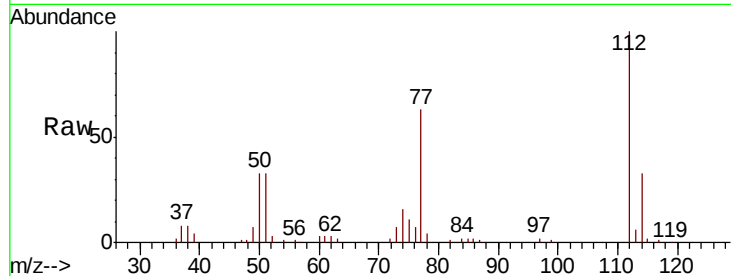
#65
Chlorobenzene
Concen: 49.70 ug/l
RT: 10.72 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 160021
Ion Ratio Lower Upper
112 100
114 33.0 26.4 39.6

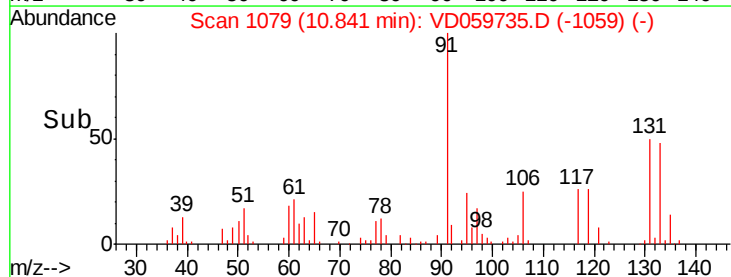
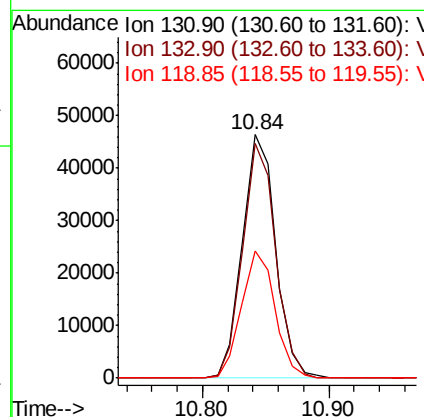
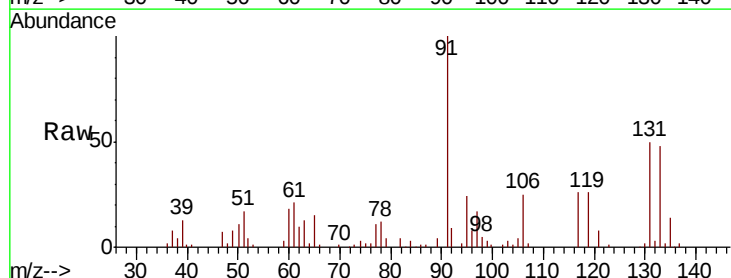
Manual Integrations
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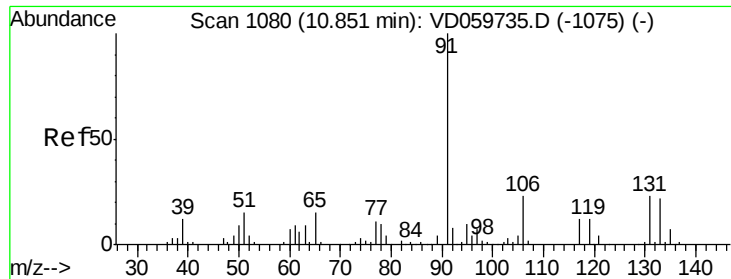
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#66
1,1,1,2-Tetrachloroethane
Concen: 58.16 ug/l
RT: 10.84 min Scan# 1079
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion:131 Resp: 84515
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 52.3 26.2 78.5





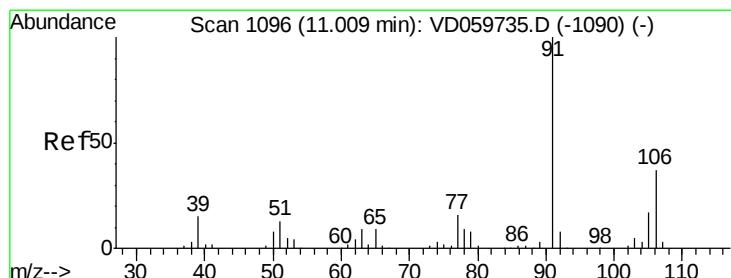
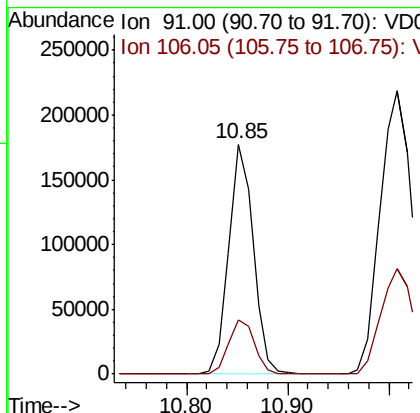
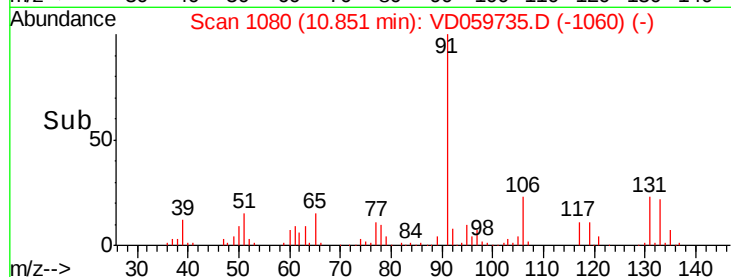
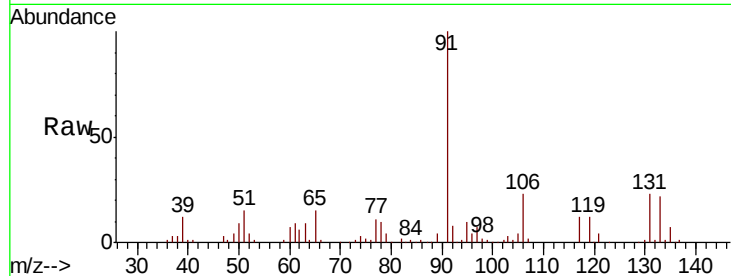
#67
Ethyl Benzene
Concen: 51.45 ug/l
RT: 10.85 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 300010
Ion Ratio Lower Upper
91 100
106 23.5 18.8 28.2

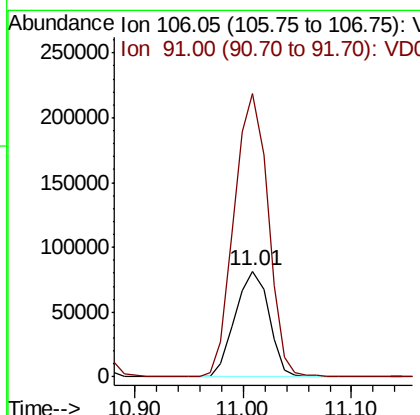
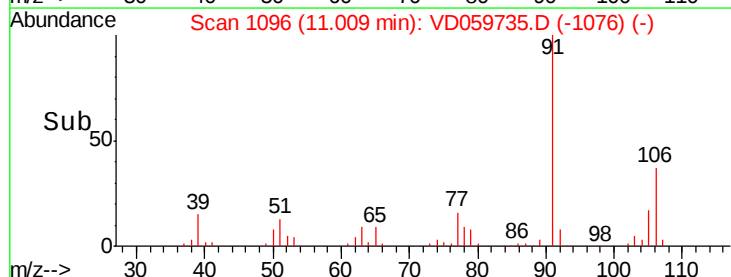
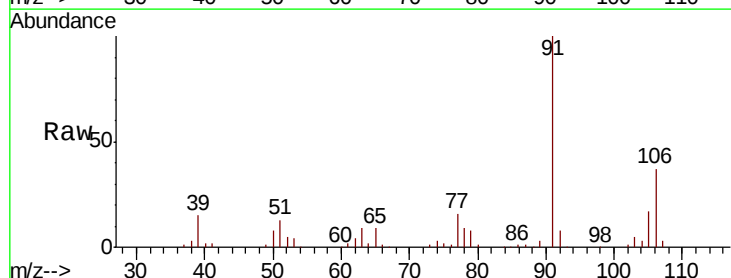
Manual Integrations
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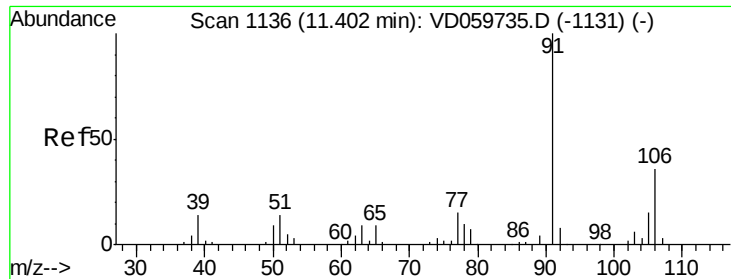
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#68
m/p-Xylenes
Concen: 96.78 ug/l
RT: 11.01 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion: 106 Resp: 178728
Ion Ratio Lower Upper
106 100
91 267.3 213.8 320.8





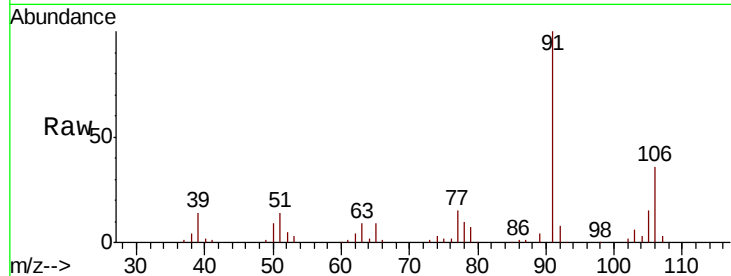
#69
o-Xylene
Concen: 50.10 ug/l
RT: 11.40 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

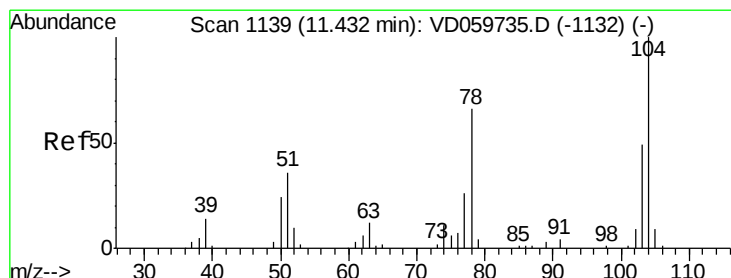
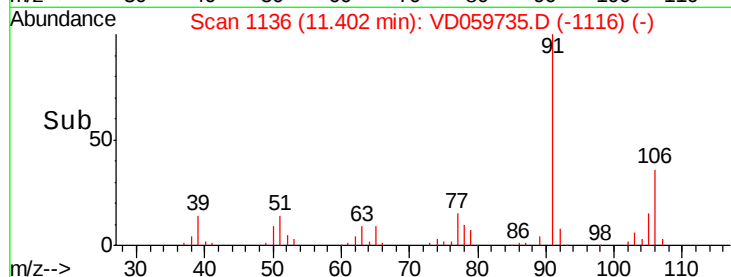
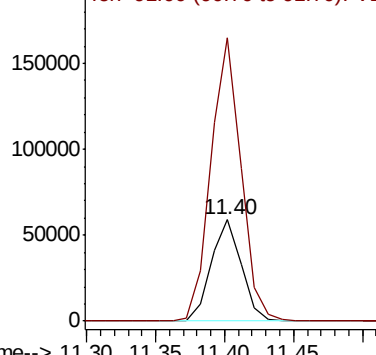
Tot Ion:106 Resp: 90391
Ion Ratio Lower Upper
106 100
91 279.6 139.8 419.4

Manual Integrations
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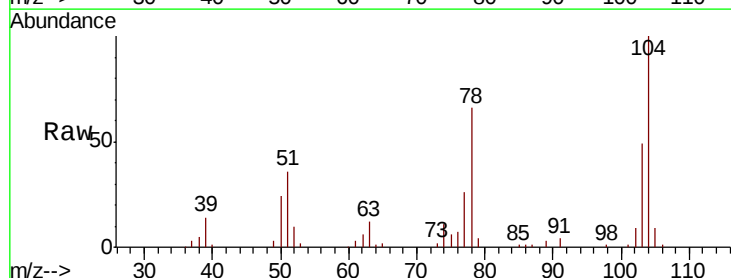


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

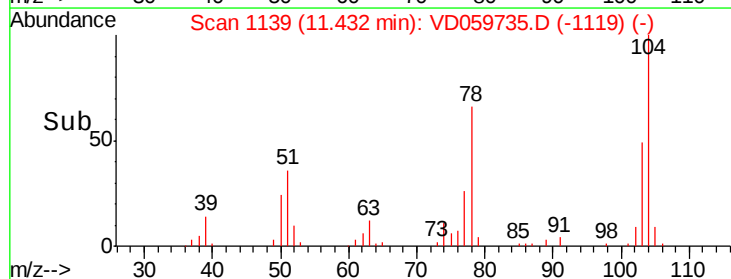
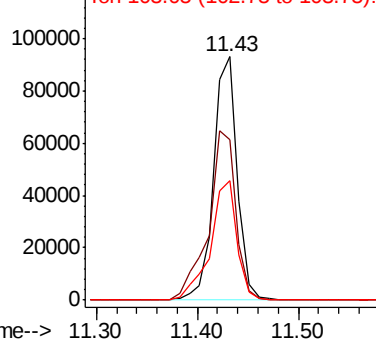


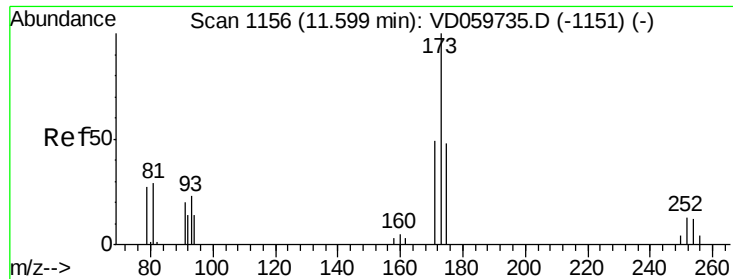
#70
Styrene
Concen: 50.26 ug/l
RT: 11.43 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion:104 Resp: 151618
Ion Ratio Lower Upper
104 100
78 66.0 52.8 79.2
103 48.9 39.1 58.7



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





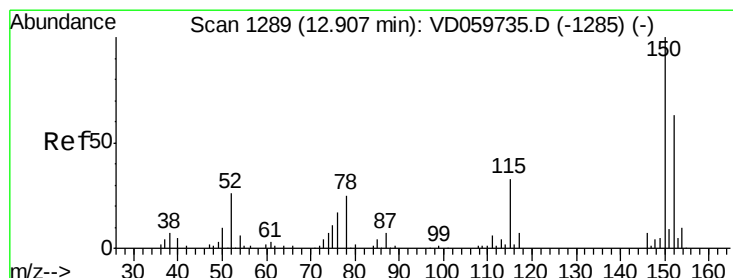
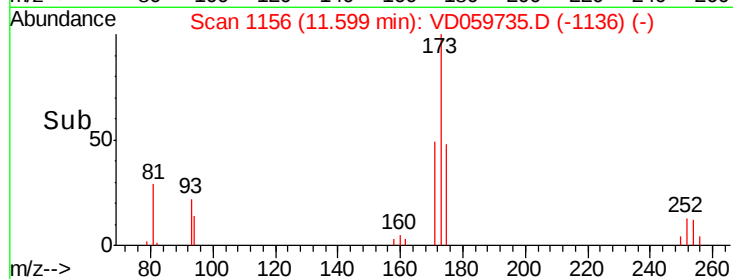
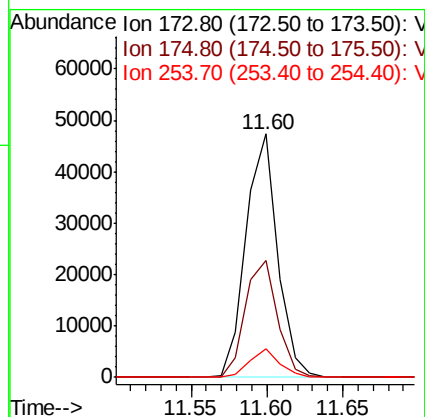
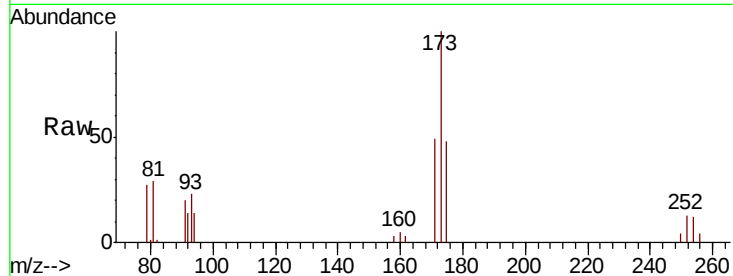
#71
Bromoform
Concen: 62.92 ug/l
RT: 11.60 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.2
254	11.6	9.3	13.9

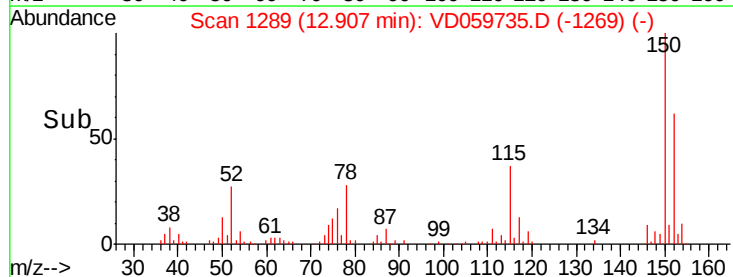
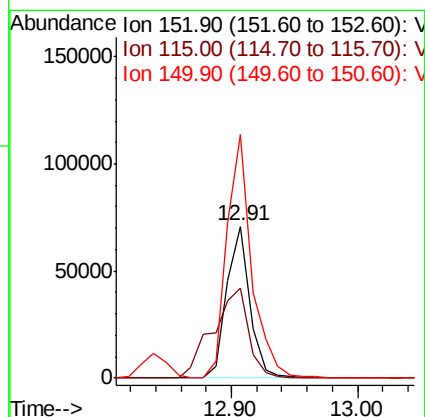
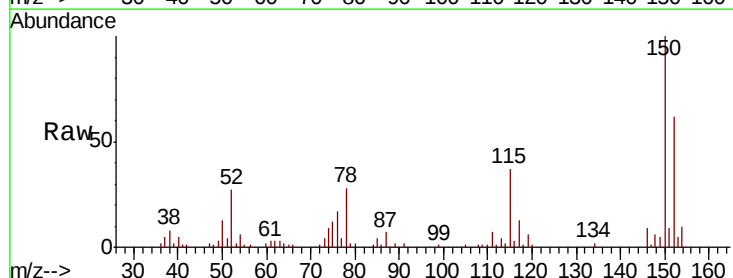
Manual Integrations
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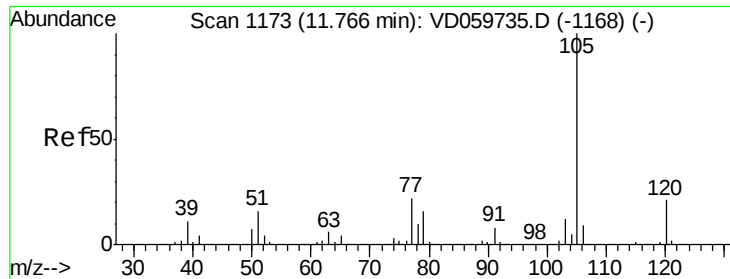
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.8	89.3
150	160.2	0.0	320.4





#73

Isopropylbenzene

Concen: 51.10 ug/l

RT: 11.77 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 302462

Ion Ratio Lower Upper

105 100

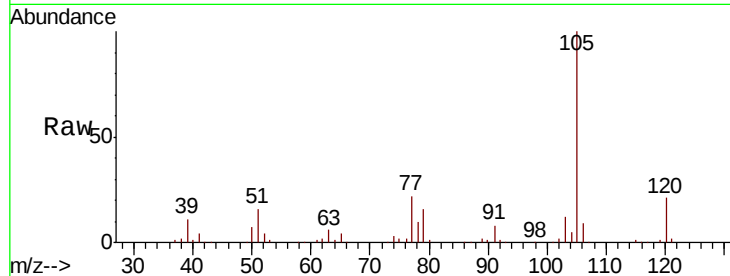
120 20.5 10.3 30.8

Manual Integrations

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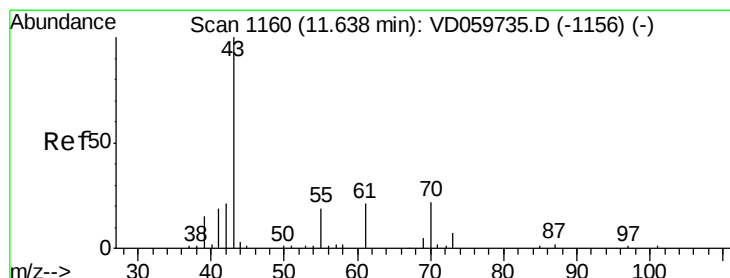
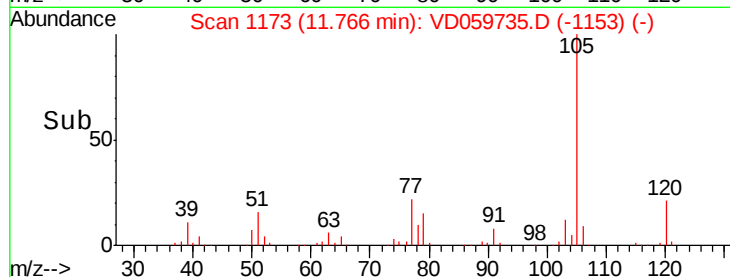
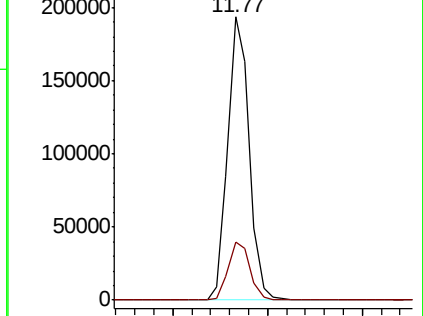
apatel

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Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 51.14 ug/l

RT: 11.64 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Tgt Ion: 43 Resp: 95527

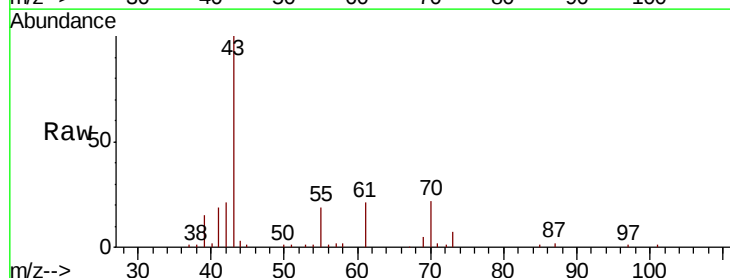
Ion Ratio Lower Upper

43 100

70 22.5 18.0 27.0

55 18.5 14.8 22.2

61 21.4 17.1 25.7

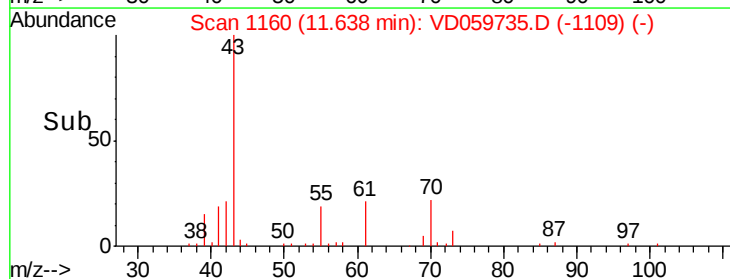
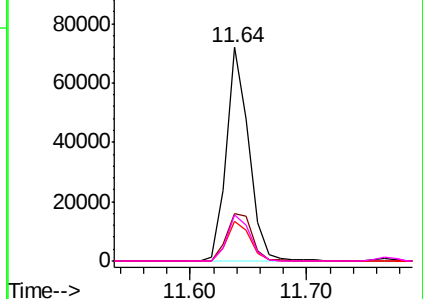


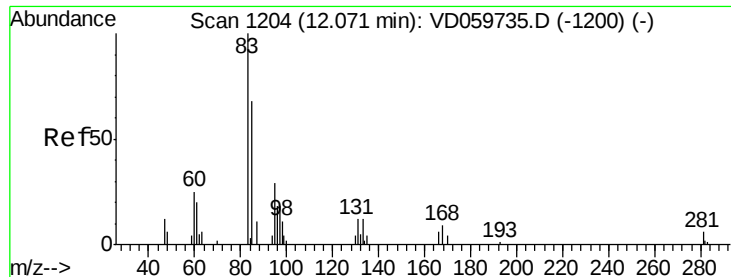
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 48.66 ug/l

RT: 12.07 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

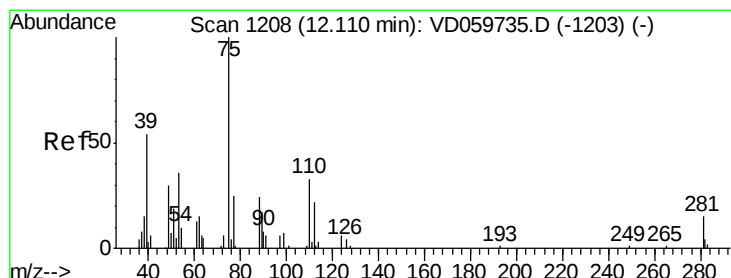
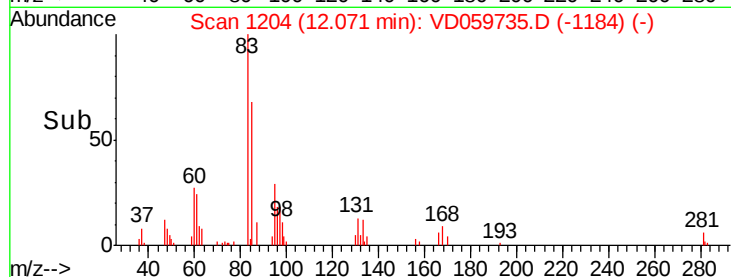
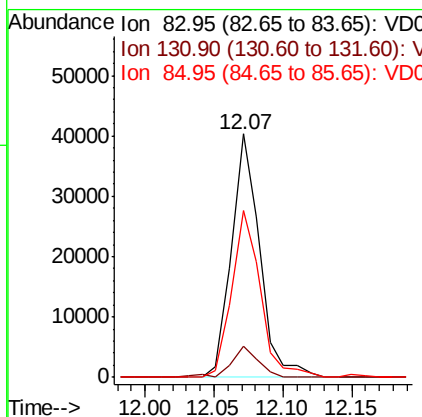
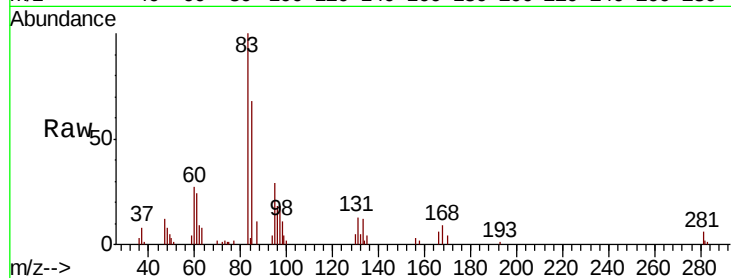
ClientSampleId :

VSTDICCC050

Tot Ion	83	Resp	57441
Ion	Ratio	Lower	Upper
83	100		
131	12.7	6.3	19.1
85	68.3	34.2	102.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.62 ug/l

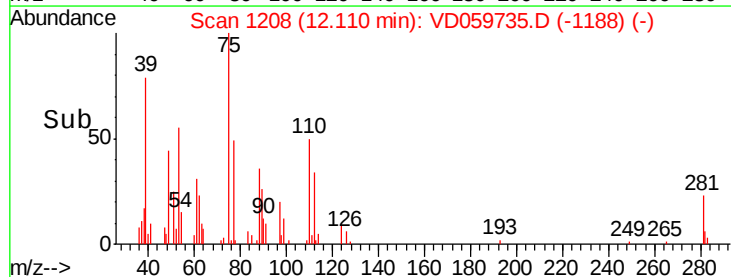
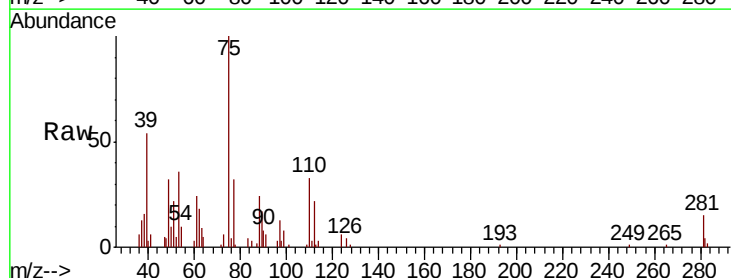
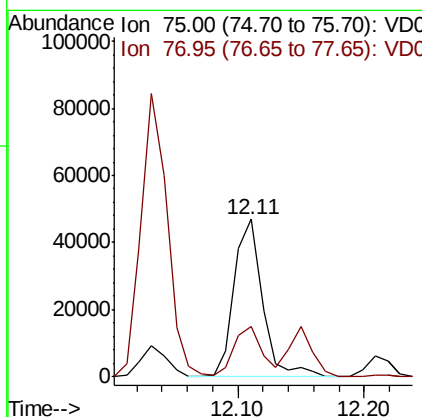
RT: 12.11 min Scan# 1208

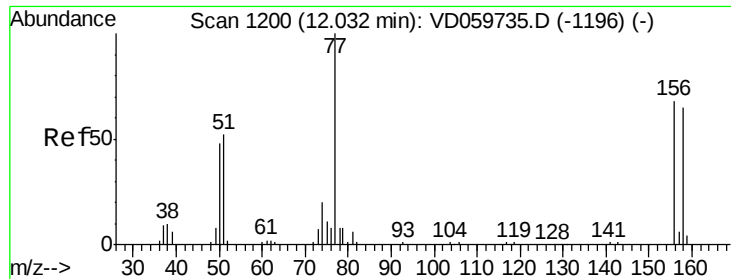
Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Tgt Ion	75	Resp	73594
Ion	Ratio	Lower	Upper
75	100		
77	32.0	16.0	48.0





#77

Bromobenzene

Concen: 52.00 ug/l

RT: 12.03 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 89940

Ion Ratio Lower Upper

156 100

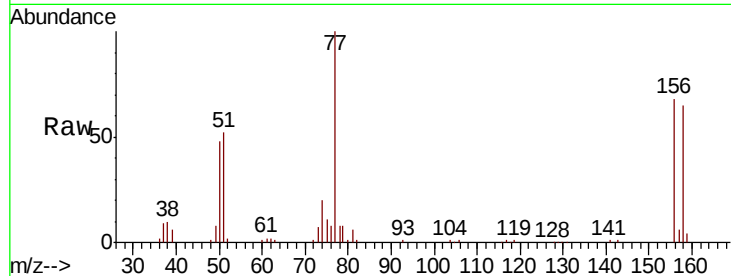
77 146.5 73.3 219.8

158 95.0 47.5 142.5

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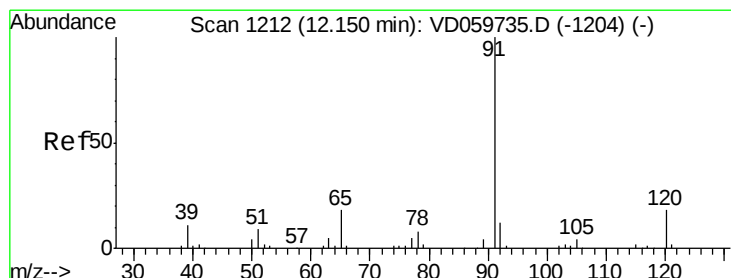
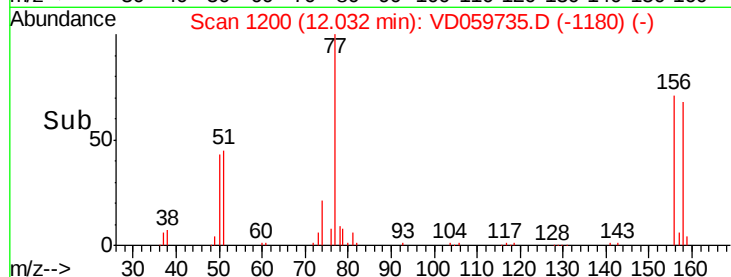
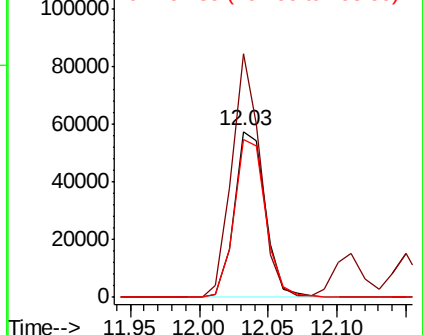
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Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 50.03 ug/l

RT: 12.15 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VD059735.D

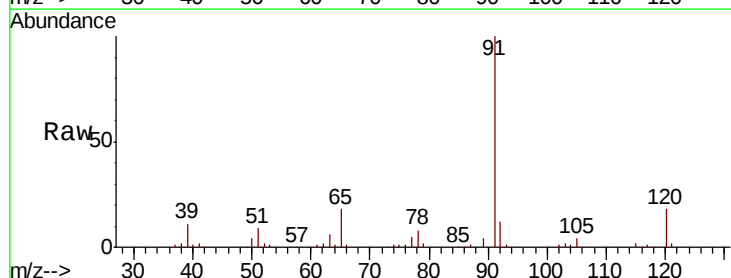
Acq: 10 Aug 2018 18:09

Tgt Ion: 91 Resp: 366540

Ion Ratio Lower Upper

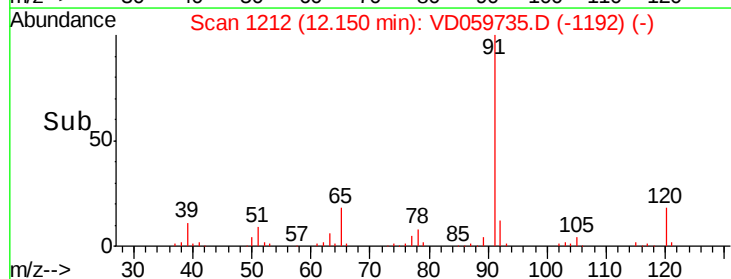
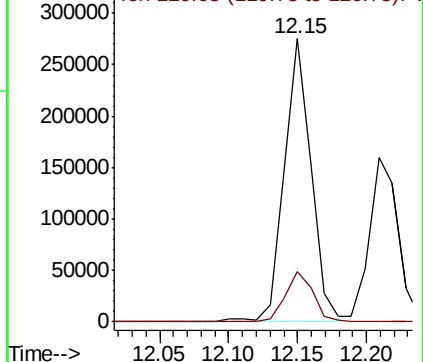
91 100

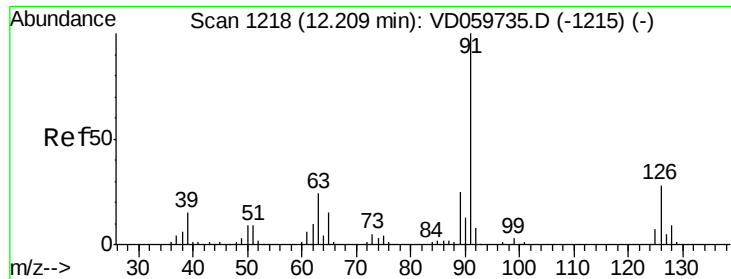
120 17.8 8.9 26.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 51.58 ug/l

RT: 12.21 min Scan# 1218

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 229147

Ion Ratio Lower Upper

91 100

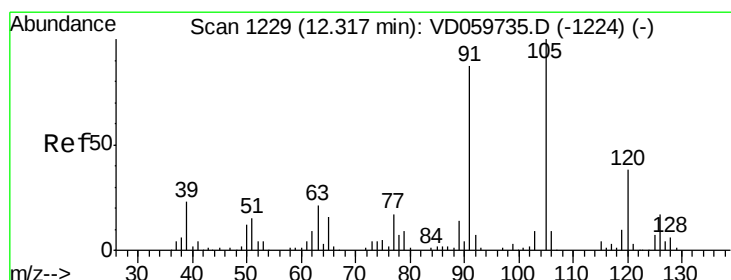
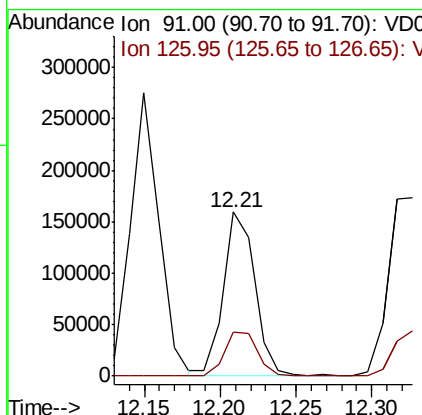
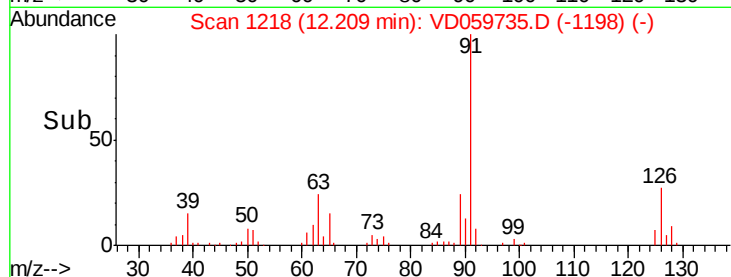
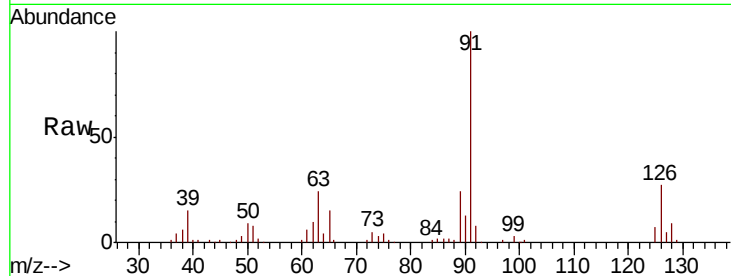
126 26.6 13.3 39.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.40 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VD059735.D

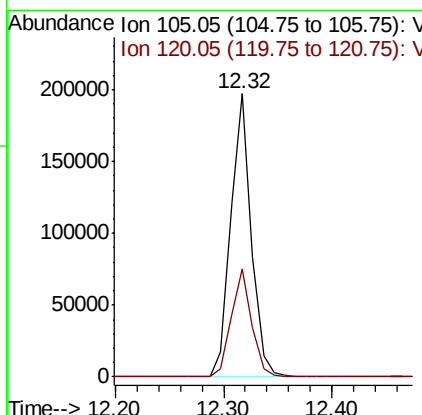
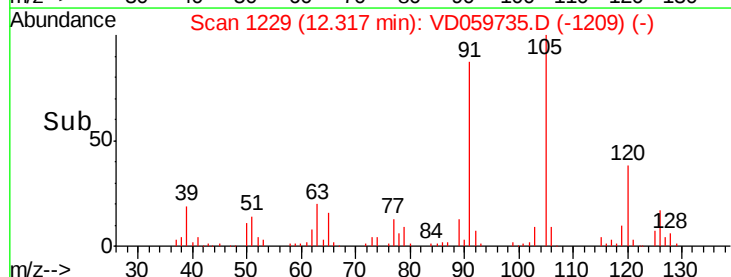
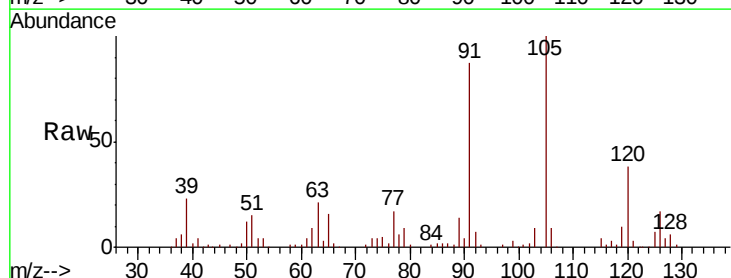
Acq: 10 Aug 2018 18:09

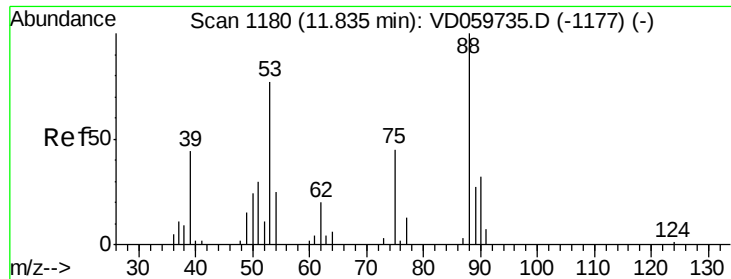
Tgt Ion: 105 Resp: 259536

Ion Ratio Lower Upper

105 100

120 38.4 19.2 57.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.24 ug/l

RT: 11.83 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

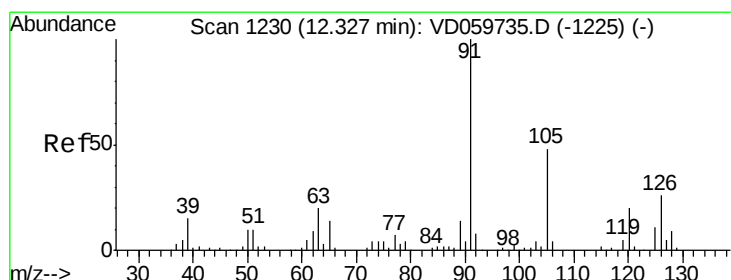
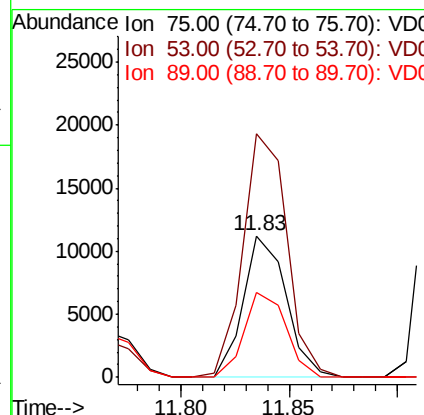
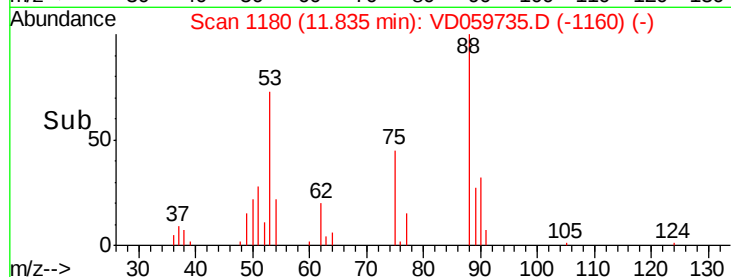
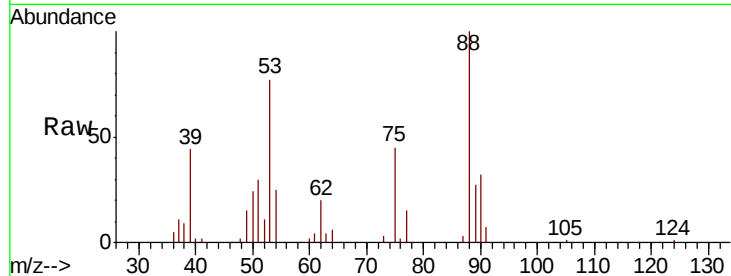
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	171.9	137.5	206.3
89	60.4	48.3	72.5

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#82

4-Chlorotoluene

Concen: 52.44 ug/l

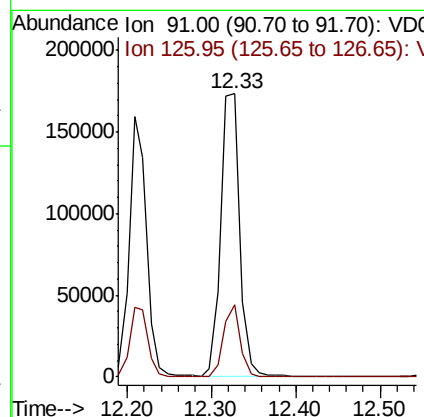
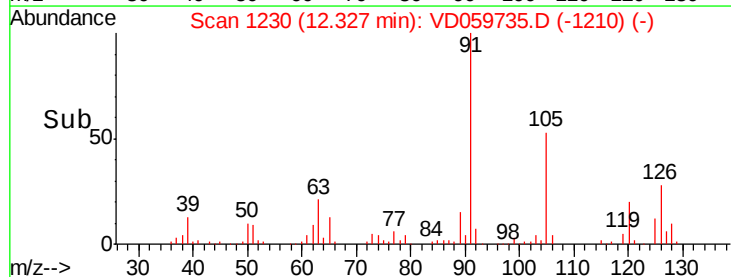
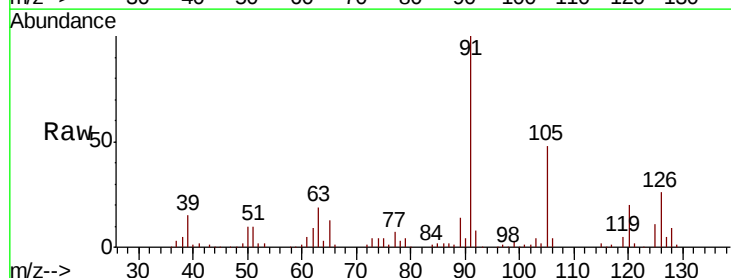
RT: 12.33 min Scan# 1230

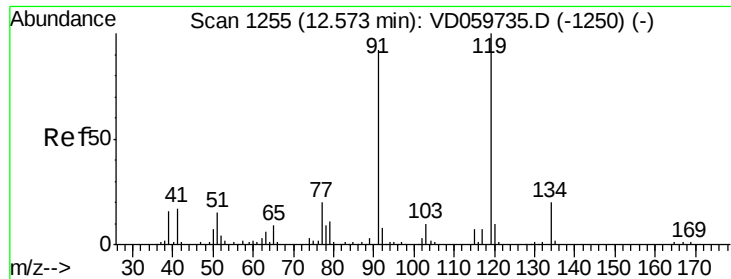
Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	25.5	12.8	38.3





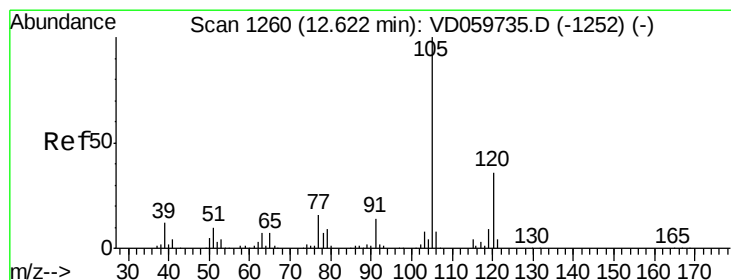
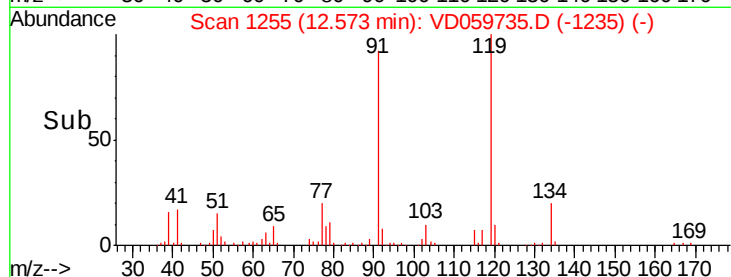
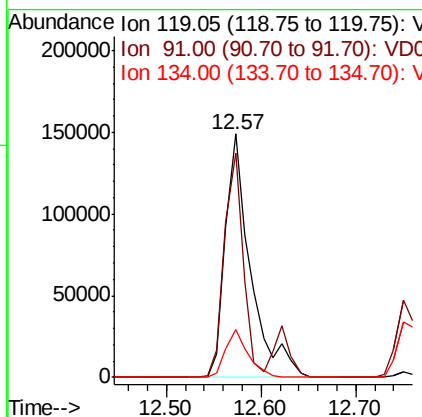
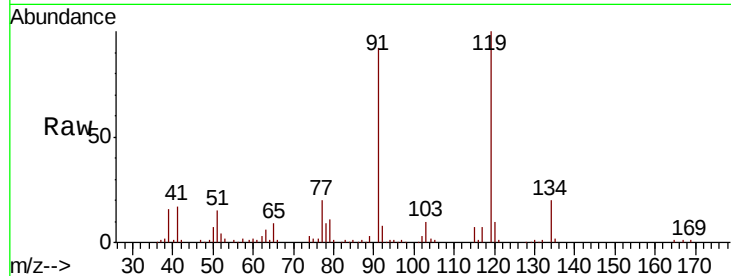
#83
 tert-Butylbenzene
 Concen: 50.02 ug/l
 RT: 12.57 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	275516		
91	92.1	46.1	138.2	
134	19.8	9.9	29.7	

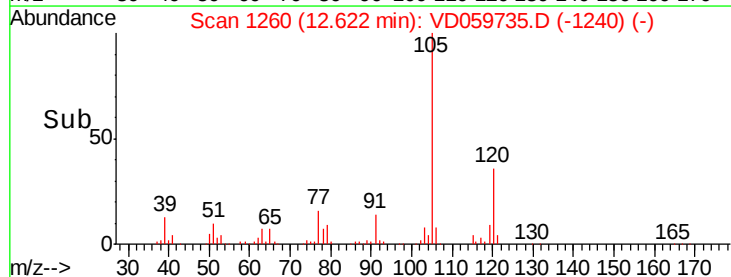
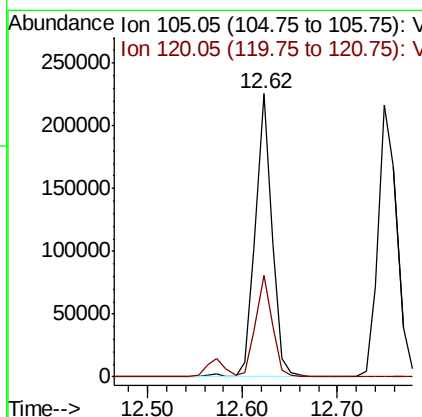
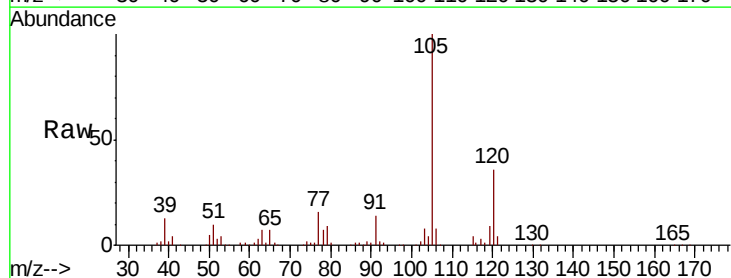
Manual Integrations
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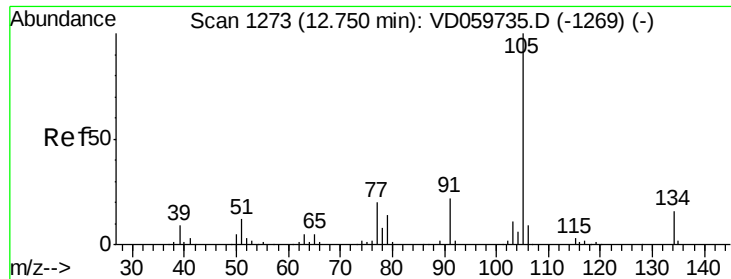
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.59 ug/l
 RT: 12.62 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	276576		
120	35.8	17.9	53.7	





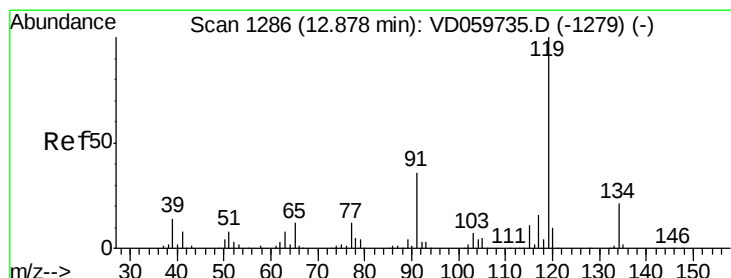
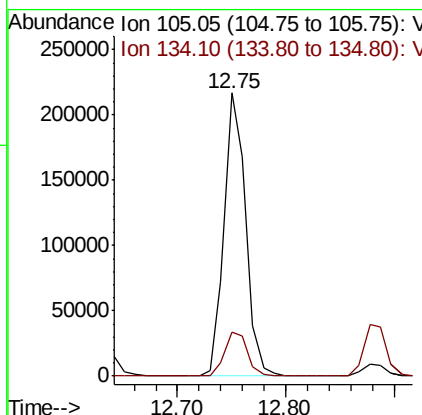
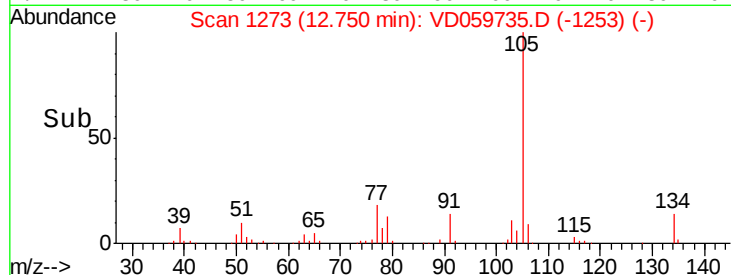
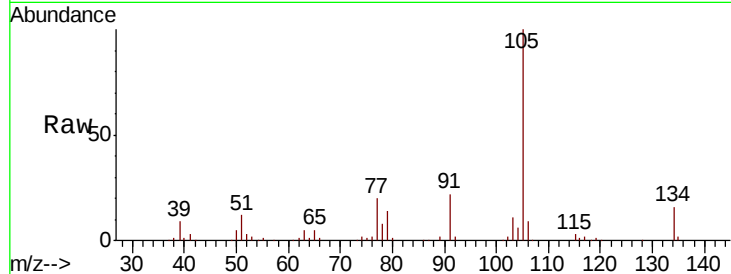
#85
 sec-Butylbenzene
 Concen: 49.31 ug/l
 RT: 12.75 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	15.6	7.8	23.4

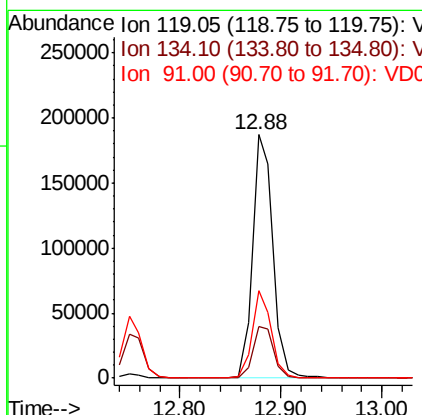
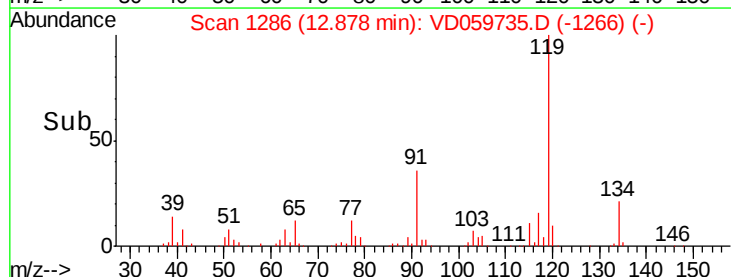
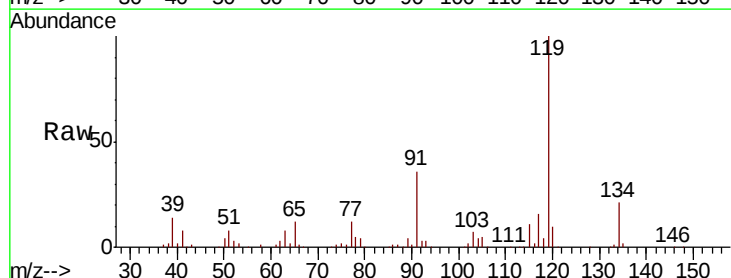
Manual Integrations
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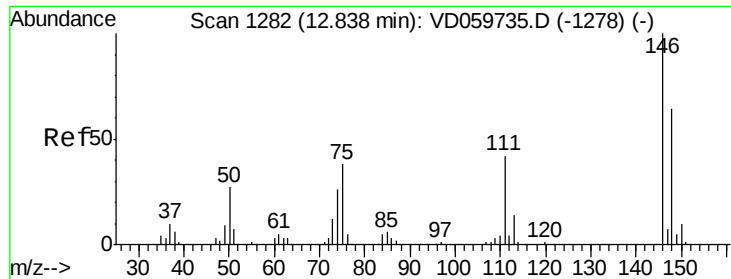
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#86
 p-Isopropyltoluene
 Concen: 50.54 ug/l
 RT: 12.88 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
119	100		
134	21.1	10.5	31.6
91	35.8	17.9	53.7





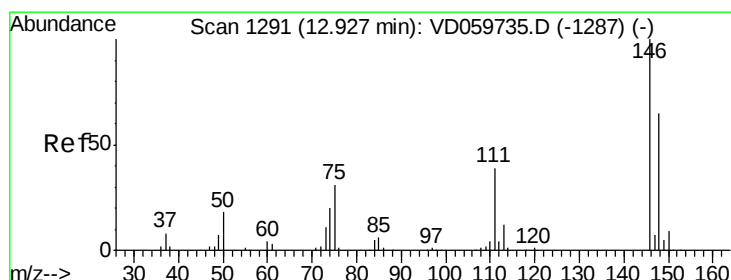
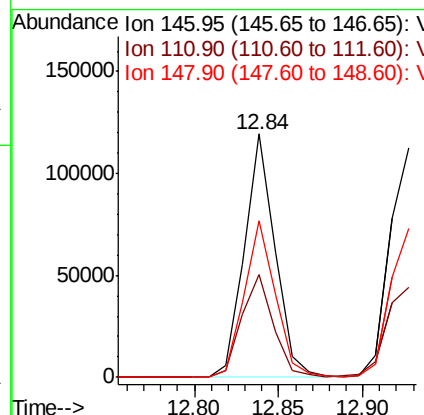
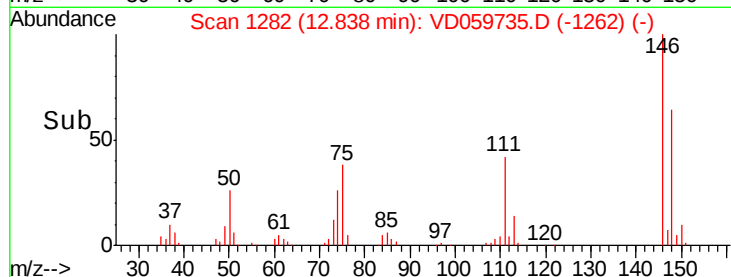
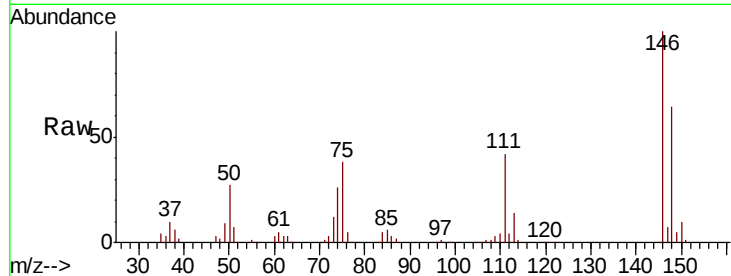
#87
 1,3-Dichlorobenzene
 Concen: 50.30 ug/l
 RT: 12.84 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.3
148	64.4	32.2	96.6

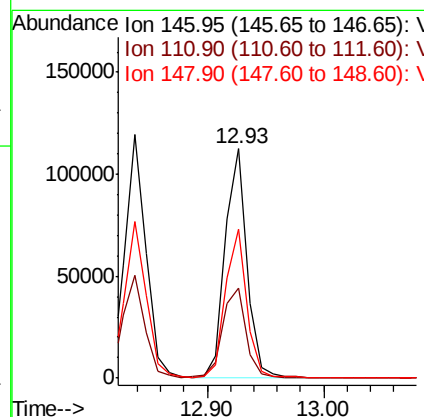
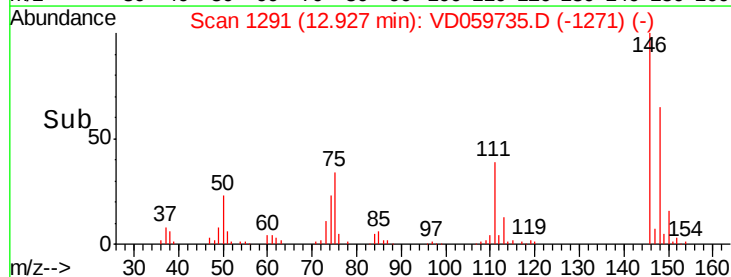
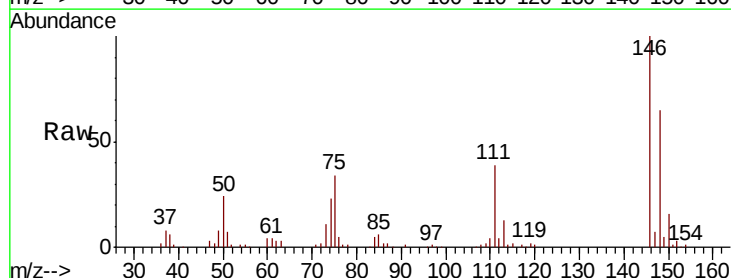
Manual Integrations
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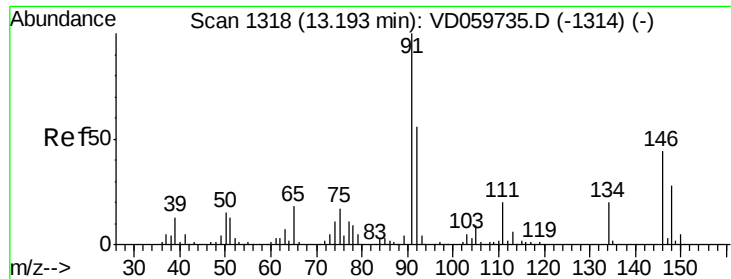
apatel
 8/13/2018 12:28:36 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.49 ug/l
 RT: 12.93 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.0
148	64.8	32.4	97.2





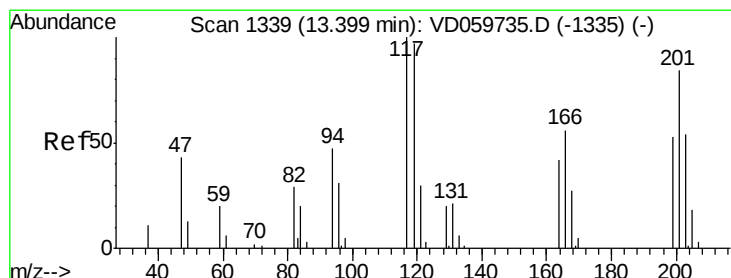
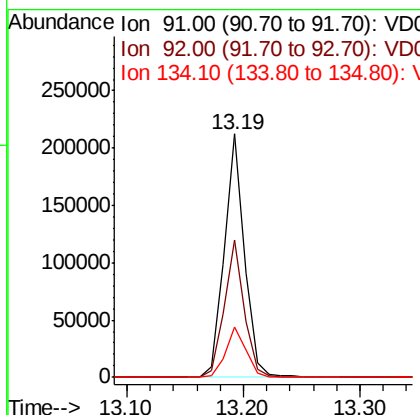
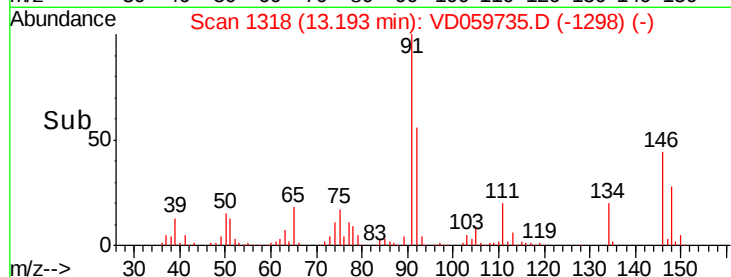
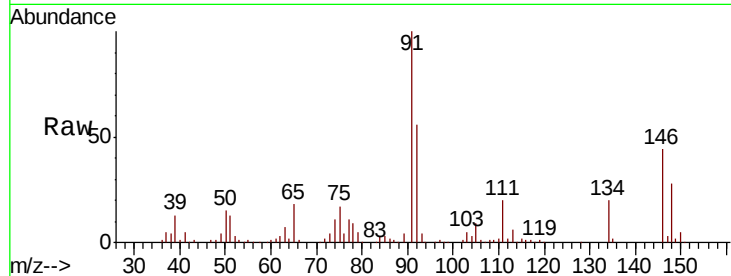
#89
n-Butylbenzene
Concen: 48.26 ug/l
RT: 13.19 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.3	28.1	84.4
134	20.5	10.3	30.8

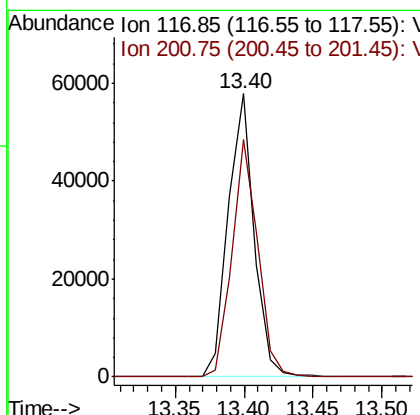
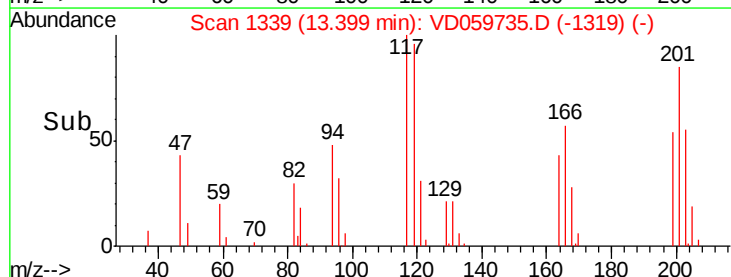
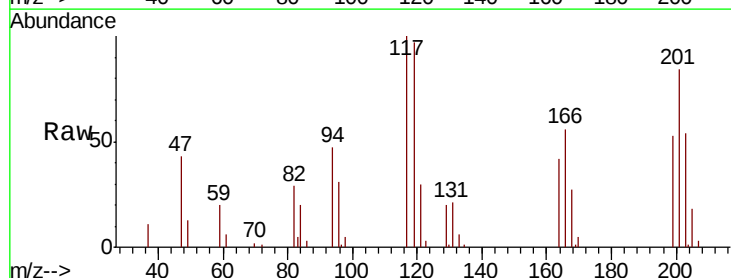
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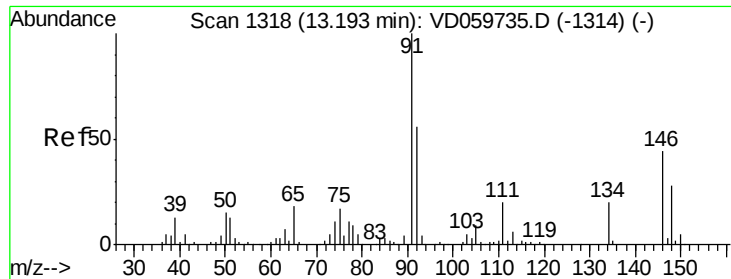
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#90
Hexachloroethane
Concen: 55.07 ug/l
RT: 13.40 min Scan# 1339
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.8	41.9	125.7





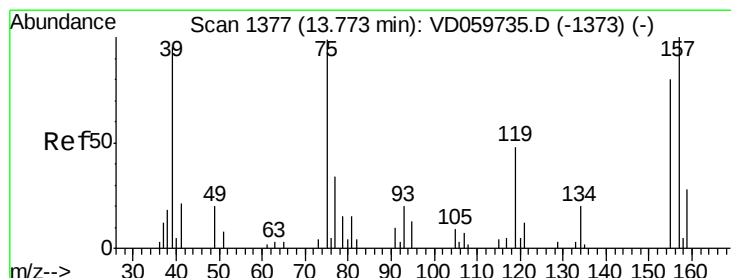
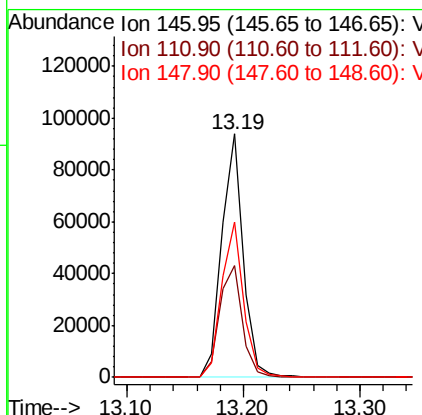
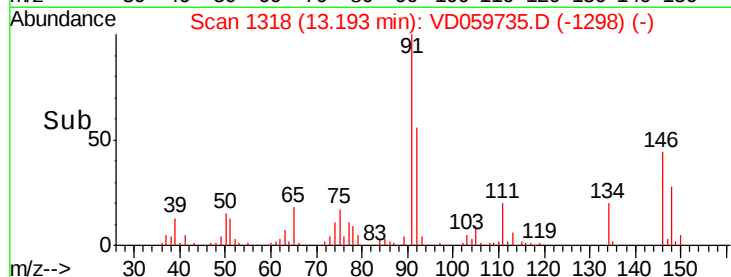
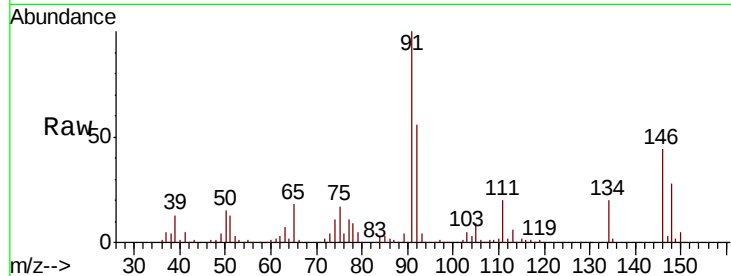
#91
 1,2-Dichlorobenzene
 Concen: 47.49 ug/l
 RT: 13.19 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.9	68.5
148	63.6	31.8	95.4

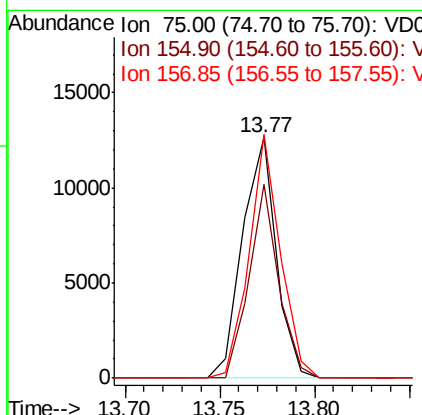
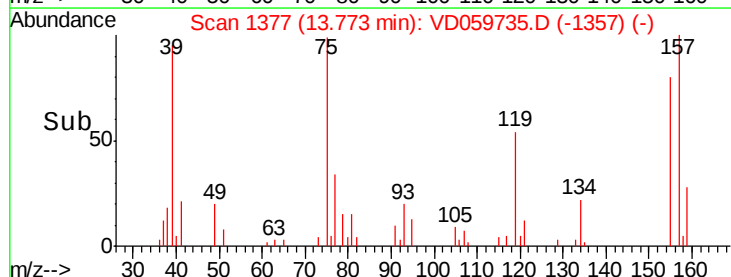
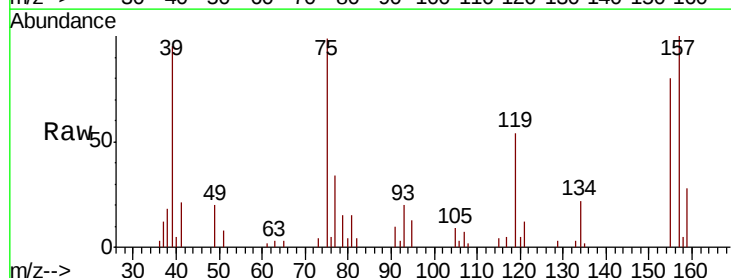
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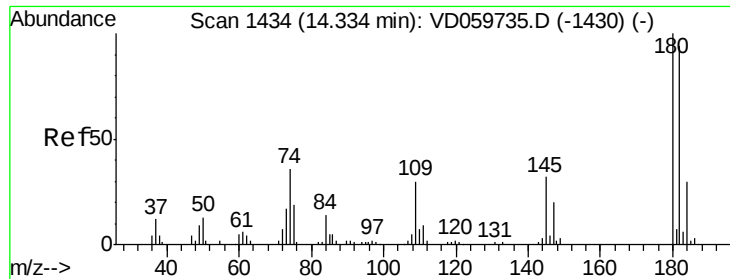
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.96 ug/l
 RT: 13.77 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	40.4	121.1
157	101.1	50.5	151.6





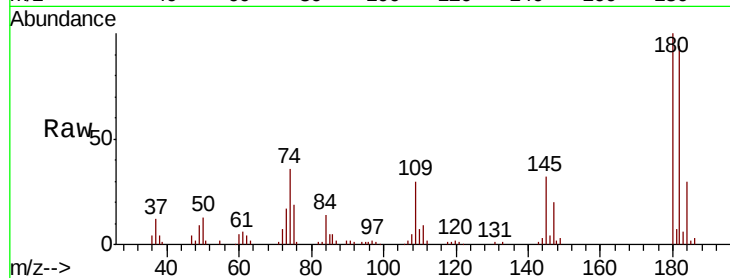
#93
 1,2,4-Trichlorobenzene
 Concen: 54.34 ug/l
 RT: 14.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	124553		
182	94.3	47.1	141.4	
145	31.5	15.8	47.3	

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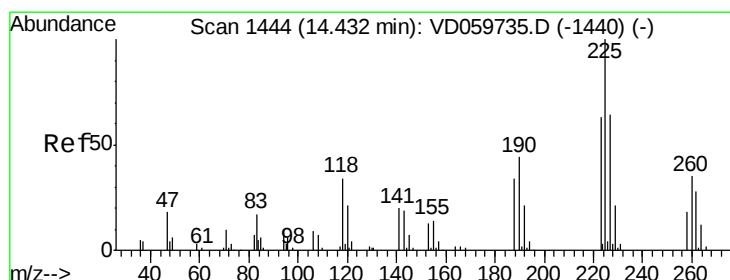
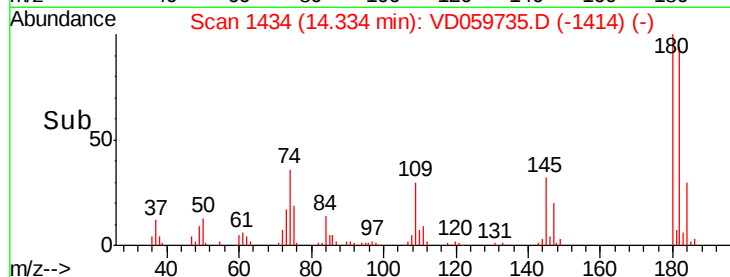
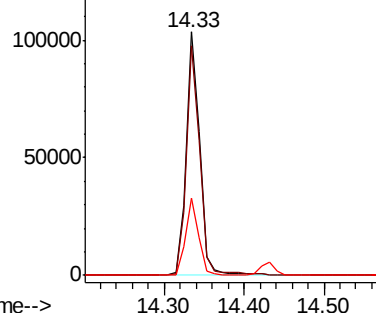


Abundance

Ion 179.85 (179.55 to 180.55): V

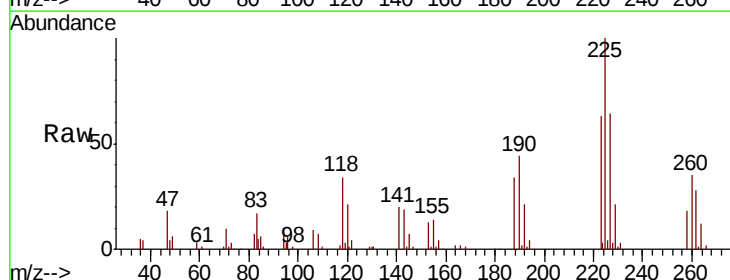
Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V



#94
 Hexachlorobutadiene
 Concen: 57.66 ug/l
 RT: 14.43 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103104		
223	63.0	31.5	94.5	
227	64.2	32.1	96.3	

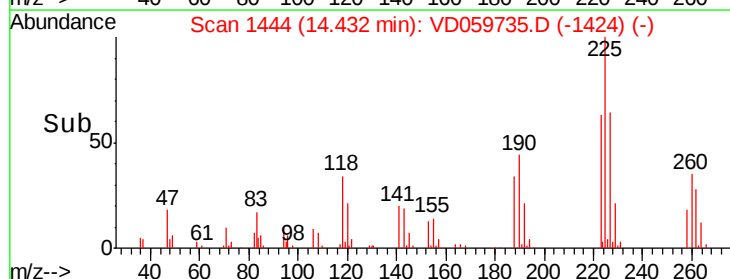
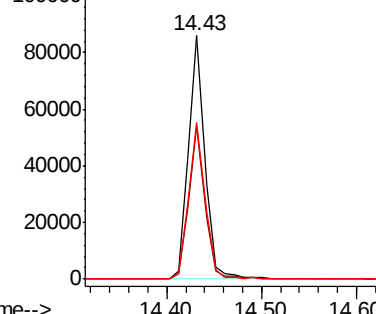


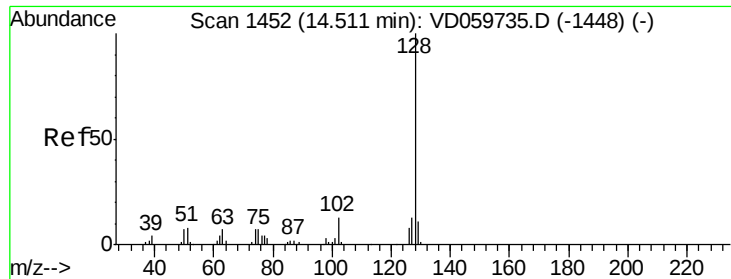
Abundance

Ion 224.75 (224.45 to 225.45): V

Ion 222.75 (222.45 to 223.45): V

Ion 226.75 (226.45 to 227.45): V





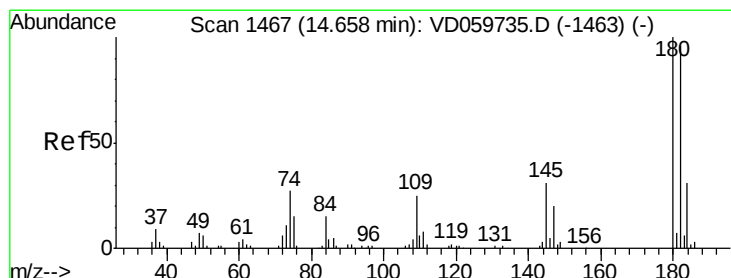
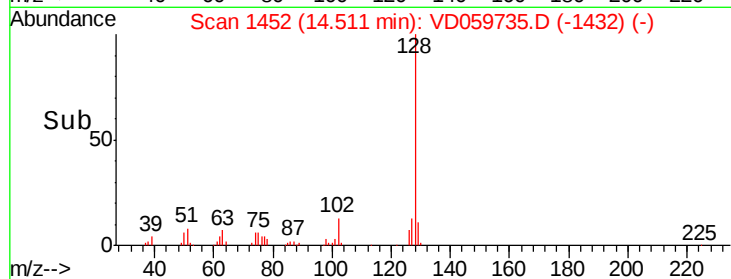
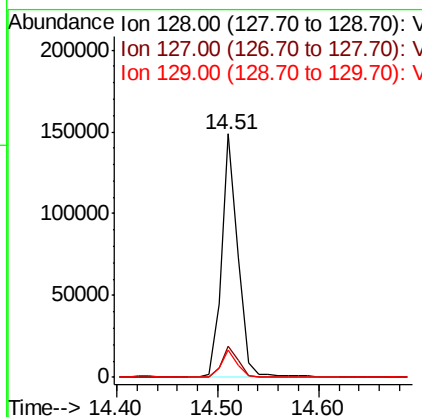
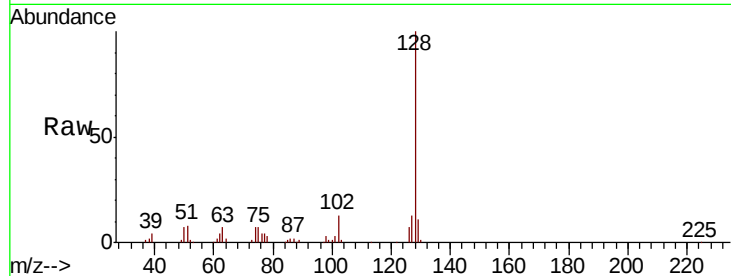
#95
Naphthalene
Concen: 50.41 ug/l
RT: 14.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	168265		
127	13.0		10.4	15.6
129	11.1		8.9	13.3

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#96
1,2,3-Trichlorobenzene
Concen: 53.31 ug/l
RT: 14.66 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	105390		
182	96.3		48.1	144.4
145	30.9		15.4	46.4

