

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 :

Quant Time: Aug 11 05:01:24 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	56.031	ug/l	100
3) Chloromethane	1.47	50	48697	51.439	ug/l	100
4) Vinyl Chloride	1.55	62	59688	53.790	ug/l	100
5) Bromomethane	1.78	94	29212	77.684	ug/l	100
6) Chloroethane	1.87	64	34777	73.633	ug/l	100
7) Trichlorofluoromethane	2.08	101	125523	65.959	ug/l	100
8) Diethyl Ether	2.33	74	22039	64.070	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.54	101	63017	59.725	ug/l	100
10) Methyl Iodide	2.68	142	78272	64.320	ug/l	100
11) Tert butyl alcohol	3.26	59	22481	307.115	ug/l	100
12) 1,1-Dichloroethene	2.53	96	45565	59.848	ug/l	100
13) Acrolein	2.46	56	12563	196.309	ug/l	100
14) Allyl chloride	2.90	41	102936	58.499	ug/l	100
15) Acrylonitrile	3.35	53	59497	292.444	ug/l	100
16) Acetone	2.60	43	122126	320.979	ug/l	100
17) Carbon Disulfide	2.75	76	163579	59.482	ug/l	100
18) Methyl Acetate	2.92	43	41073	57.883	ug/l	100
19) Methyl tert-butyl Ether	3.39	73	184812	62.402	ug/l	100
20) Methylene Chloride	3.05	84	53900	36.810	ug/l	100
21) trans-1,2-Dichloroethene	3.37	96	58589	58.560	ug/l	100
22) Diisopropyl ether	4.05	45	194068	48.378	ug/l	100
23) Vinyl Acetate	4.00	43	669435	259.298	ug/l	100
24) 1,1-Dichloroethane	3.96	63	136858	51.118	ug/l	100
25) 2-Butanone	4.82	43	123871	258.024	ug/l	100
26) 2,2-Dichloropropane	4.78	77	160737	55.458	ug/l	100
27) cis-1,2-Dichloroethene	4.79	96	67358	47.750	ug/l	100
28) Bromochloromethane	5.14	49	52934	52.617	ug/l	100
29) Tetrahydrofuran	5.17	42	45258	242.099	ug/l	100
30) Chloroform	5.31	83	184911	55.619	ug/l	100
31) Cyclohexane	5.58	56	76898	39.447	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	193859	59.452	ug/l	100
36) 1,1-Dichloropropene	5.74	75	113565	55.093	ug/l	100
37) Ethyl Acetate	4.92	43	54801	54.767	ug/l	100
38) Carbon Tetrachloride	5.72	117	179542	63.060	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	85381	50.138	ug/l	100
40) Benzene	6.00	78	197615	50.279	ug/l	100
41) Methacrylonitrile	5.12	41	23615	51.756	ug/l	100
42) 1,2-Dichloroethane	6.12	62	165374	64.632	ug/l	100
43) Isopropyl Acetate	7.60	43	67890	52.649	ug/l	100
44) Trichloroethene	6.97	130	82024	55.851	ug/l	100
45) 1,2-Dichloropropane	7.34	63	50241	48.470	ug/l	100
46) Dibromomethane	7.45	93	56460	60.839	ug/l	100
47) Bromodichloromethane	7.73	83	146837	61.586	ug/l	100
48) Methyl methacrylate	7.50	41	49810	57.310	ug/l	100
49) 1,4-Dioxane	7.48	88	8003	1212.700	ug/l	100
51) 4-Methyl-2-Pentanone	8.59	43	278624	292.406	ug/l	100
52) Toluene	8.80	92	123567	49.066	ug/l	100
53) t-1,3-Dichloropropene	9.18	75	116816	58.589	ug/l	100
54) cis-1,3-Dichloropropene	8.35	75	106259	52.604	ug/l	100
55) 1,1,2-Trichloroethane	9.44	97	49428	50.499	ug/l	100
56) Ethyl methacrylate	9.31	69	57015	53.274	ug/l	100
57) 1,3-Dichloropropane	9.66	76	84668	55.540	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.19	63	135323	262.762	ug/l	100
59) 2-Hexanone	9.78	43	214113	298.939	ug/l	100
60) Dibromochloromethane	9.96	129	100577	63.125	ug/l	100
61) 1,2-Dibromoethane	10.08	107	65199	57.644	ug/l	100
64) Tetrachloroethene	9.50	164	77631	53.360	ug/l	100
65) Chlorobenzene	10.72	112	160021	49.705	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.84	131	84515	58.157	ug/l	100
67) Ethyl Benzene	10.85	91	300010	51.455	ug/l	100
68) m/p-Xylenes	11.01	106	178728	96.775	ug/l	100
69) o-Xylene	11.40	106	90391	50.098	ug/l	100
70) Styrene	11.43	104	151618	50.256	ug/l	100
71) Bromoform	11.60	173	68954	62.919	ug/l	100
73) Isopropylbenzene	11.77	105	302462	51.101	ug/l	100
74) N-amyl acetate	11.64	43	95527	51.142	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.07	83	57441	48.664	ug/l	100
76) 1,2,3-Trichloropropane	12.11	75	73594	53.622	ug/l	100
77) Bromobenzene	12.03	156	89940	51.996	ug/l	100
78) n-propylbenzene	12.15	91	366540	50.034	ug/l	100
79) 2-Chlorotoluene	12.21	91	229147	51.577	ug/l	100
80) 1,3,5-Trimethylbenzene	12.32	105	259536	52.396	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.83	75	15585	48.241	ug/l	100
82) 4-Chlorotoluene	12.33	91	273689	52.443	ug/l	100
83) tert-Butylbenzene	12.57	119	275516	50.021	ug/l	100
84) 1,2,4-Trimethylbenzene	12.62	105	276576	52.587	ug/l	100
85) sec-Butylbenzene	12.75	105	302110	49.306	ug/l	100
86) p-Isopropyltoluene	12.88	119	264519	50.538	ug/l	100
87) 1,3-Dichlorobenzene	12.84	146	150920	50.300	ug/l	100
88) 1,4-Dichlorobenzene	12.93	146	146886	49.491	ug/l	100
89) n-Butylbenzene	13.19	91	254558	48.255	ug/l	100
90) Hexachloroethane	13.40	117	75221	55.073	ug/l	100
91) 1,2-Dichlorobenzene	13.19	146	119337	47.493	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.77	75	15519	61.965	ug/l	100

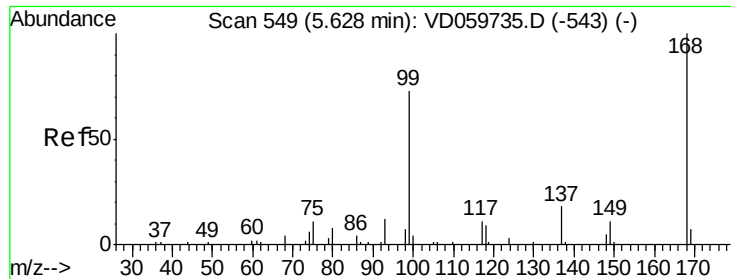
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Quant Title : SW846 8260
QLast Update : Sat Aug 11 04:59:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	124553	54.342	ug/l	100
94) Hexachlorobutadiene	14.43	225	103104	57.655	ug/l	100
95) Naphthalene	14.51	128	168265	50.406	ug/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	105390	53.314	ug/l	100

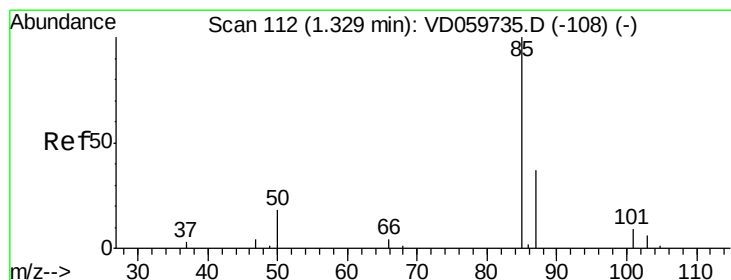
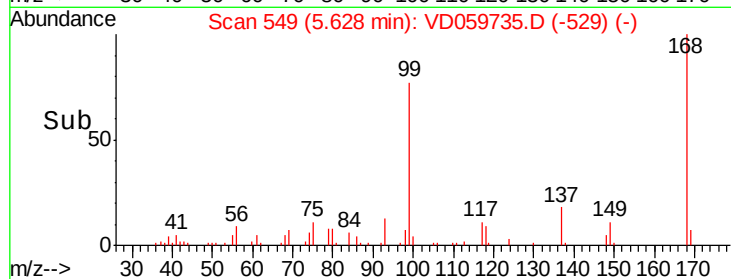
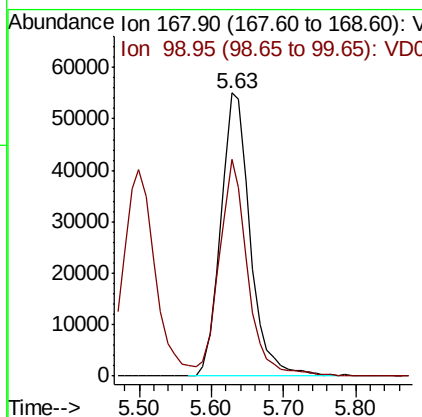
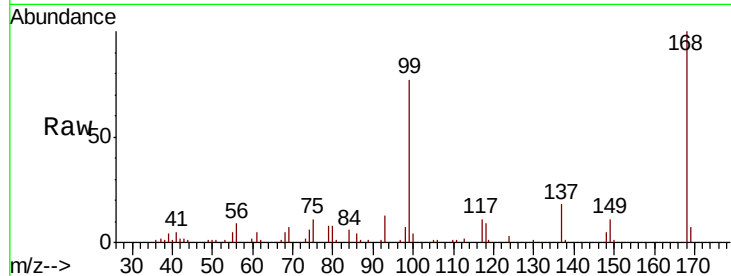
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 549
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

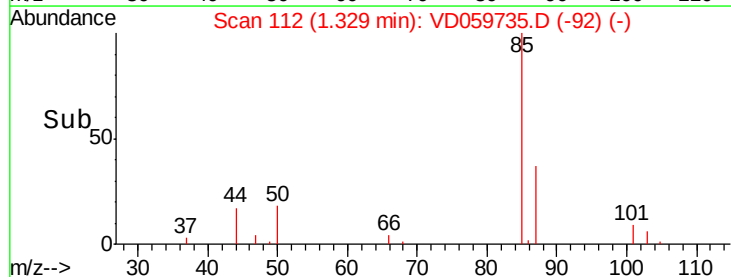
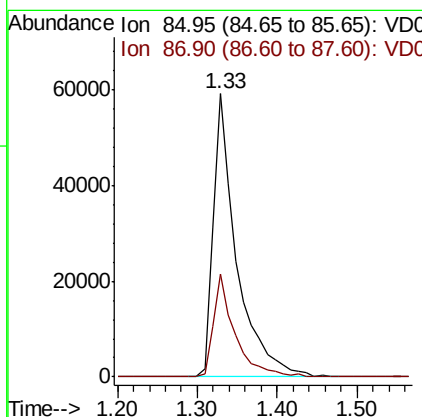
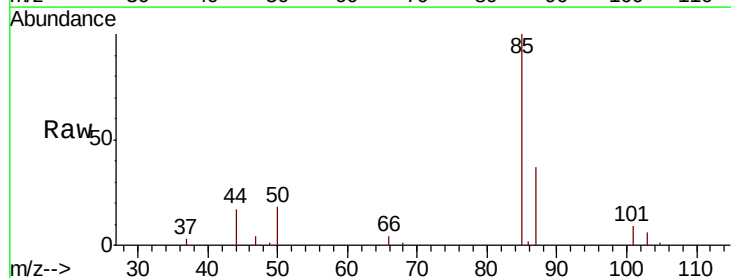
Instrument :
MSVOA_D
ClientSampleId :

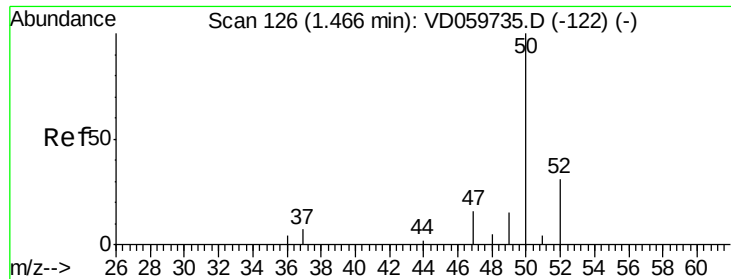
Tot Ion:168 Resp: 155217
Ion Ratio Lower Upper
168 100
99 76.8 61.4 92.2



#2
Dichlorodifluoromethane
Concen: 56.031 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: 51.439 ug/l

RT: 1.47 min Scan# 126

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

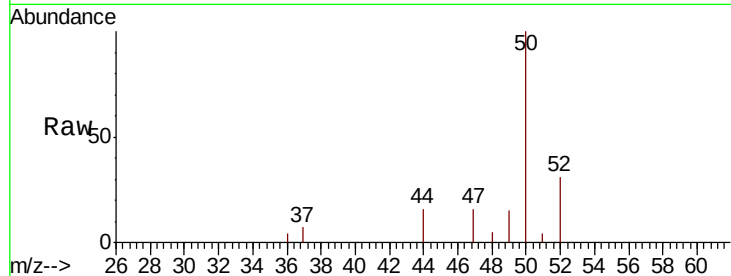
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 50 Resp: 48697

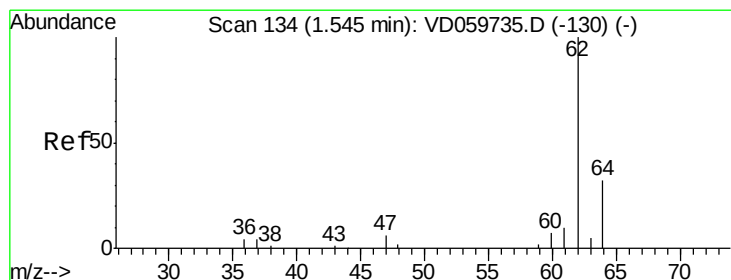
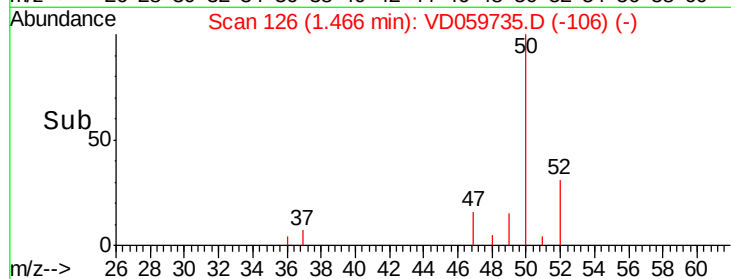
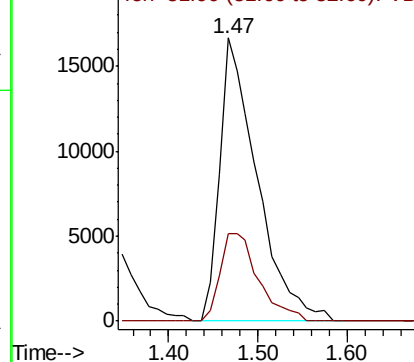
Ion Ratio Lower Upper

50 100

52 31.0 24.8 37.2



Abundance Ion 49.90 (49.60 to 50.60): VDC
Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 53.790 ug/l

RT: 1.55 min Scan# 134

Delta R.T. 0.00 min

Lab File: VD059735.D

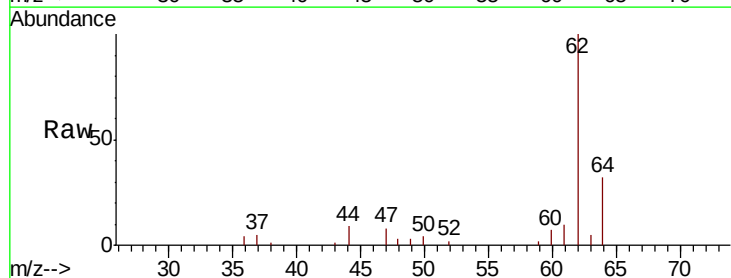
Acq: 10 Aug 2018 18:09

Tgt Ion: 62 Resp: 59688

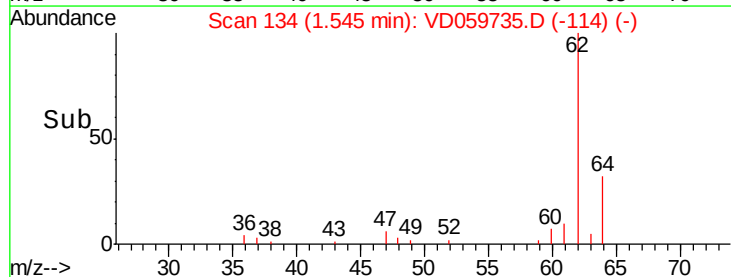
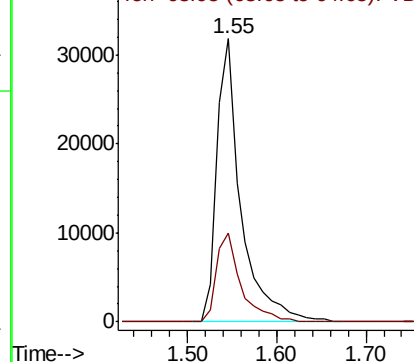
Ion Ratio Lower Upper

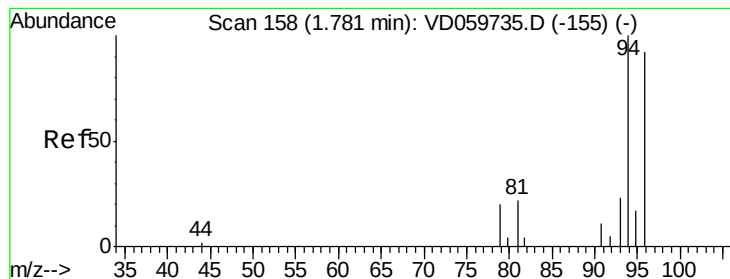
62 100

64 31.6 25.3 37.9



Abundance Ion 61.95 (61.65 to 62.65): VDC
Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 77.684 ug/l

RT: 1.78 min Scan# 158

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

Instrument :

MSVOA_D

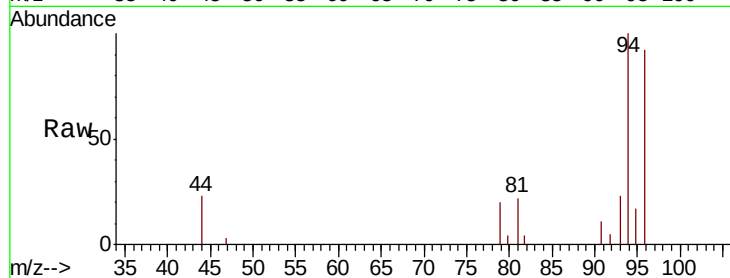
ClientSampleId :

Tot Ion: 94 Resp: 29212

Ion Ratio Lower Upper

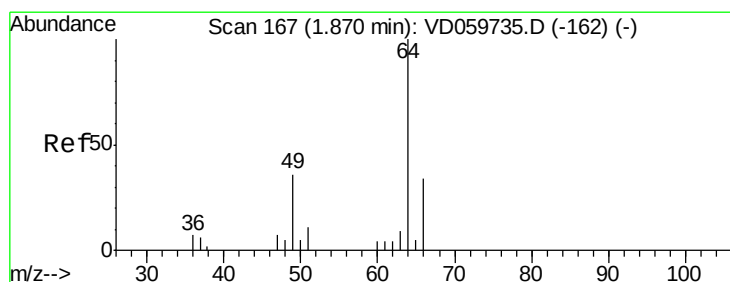
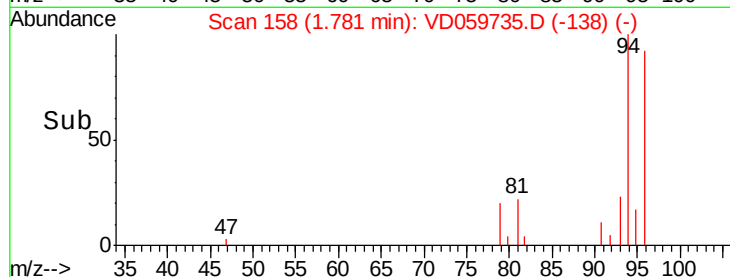
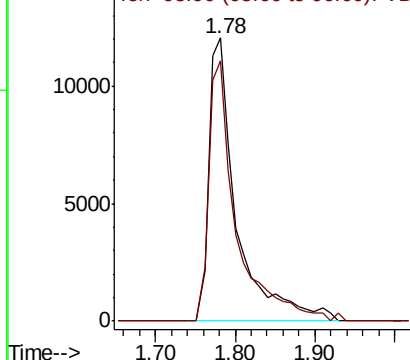
94 100

96 91.8 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 73.633 ug/l

RT: 1.87 min Scan# 167

Delta R.T. 0.00 min

Lab File: VD059735.D

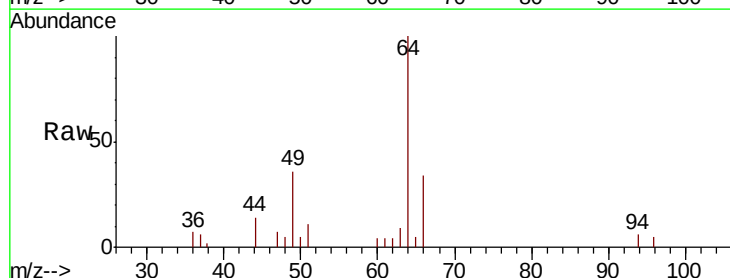
Acq: 10 Aug 2018 18:09

Tgt Ion: 64 Resp: 34777

Ion Ratio Lower Upper

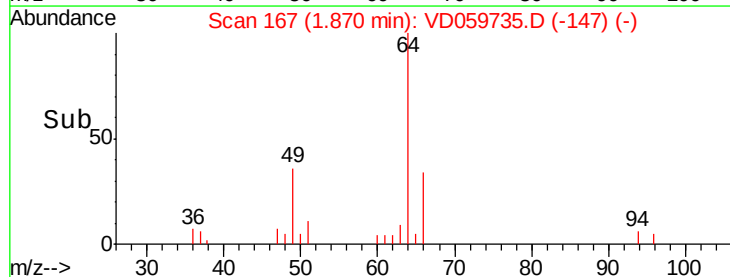
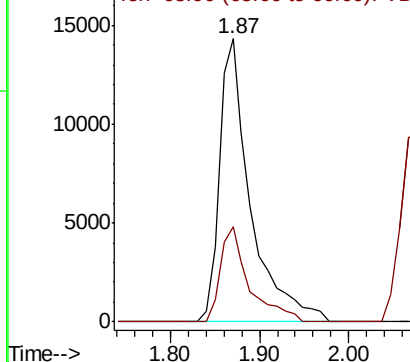
64 100

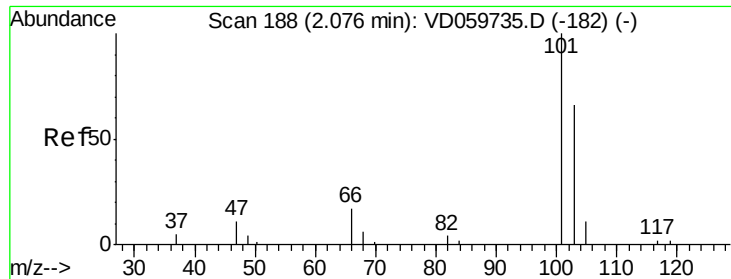
66 33.6 26.9 40.3



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



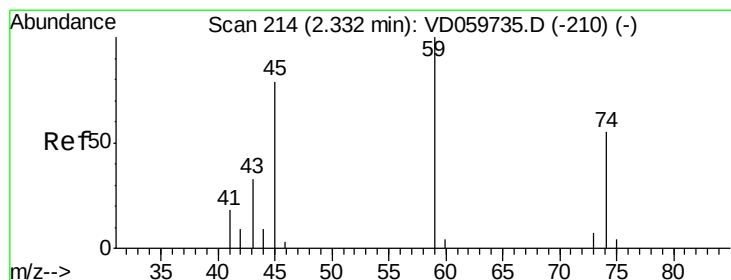
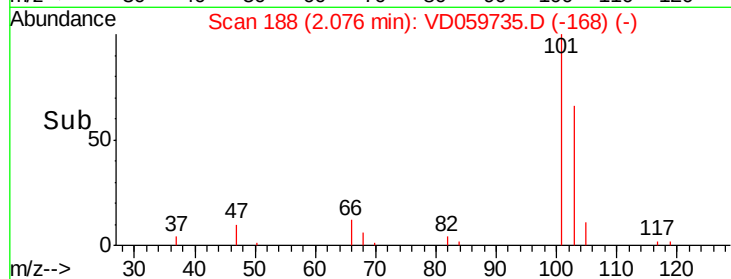
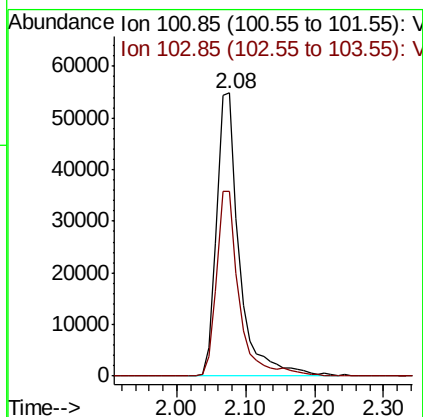
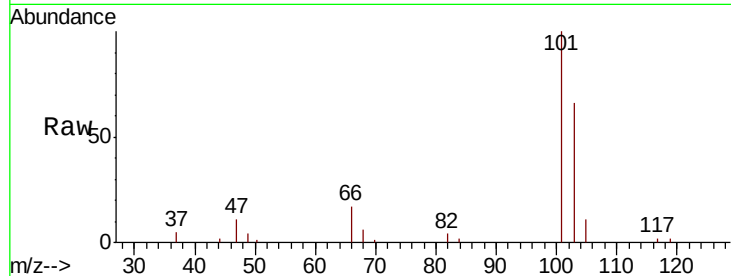


#7

Trichlorofluoromethane
 Concen: 65.959 ug/l
 RT: 2.08 min Scan# 188
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Instrument :
 MSVOA_D
 ClientSampleId :

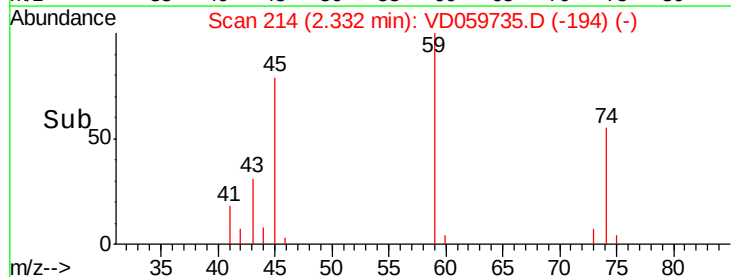
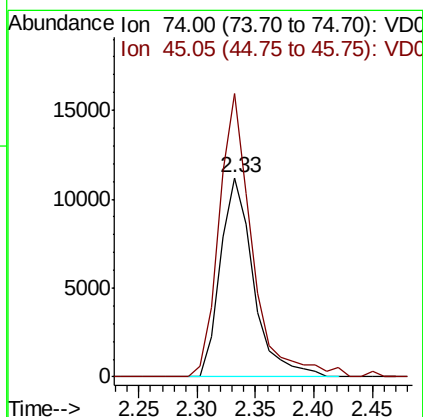
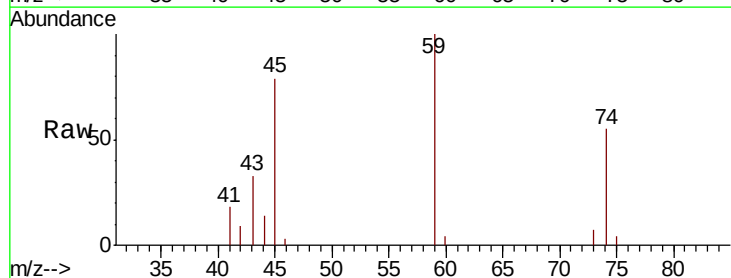
Tot Ion:101 Resp: 125523
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.4 78.6

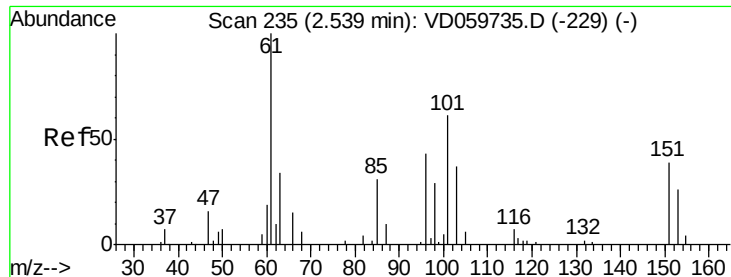


#8

Diethyl Ether
 Concen: 64.070 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: 74 Resp: 22039
 Ion Ratio Lower Upper
 74 100
 45 142.2 71.1 213.3

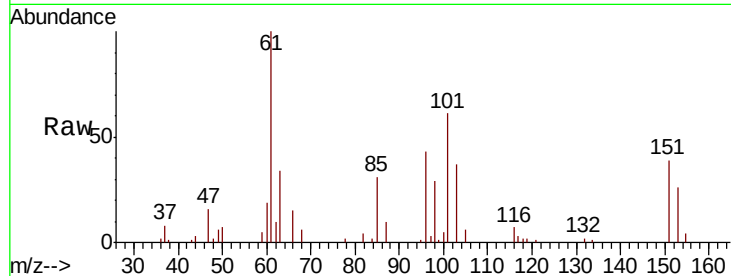




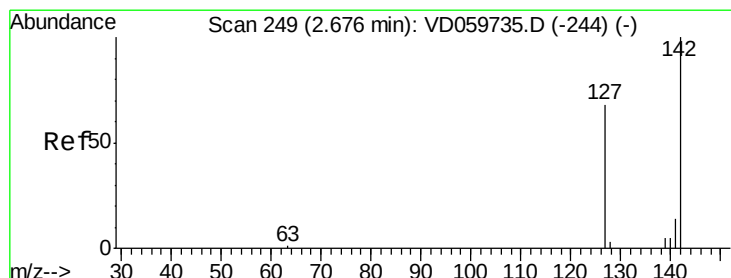
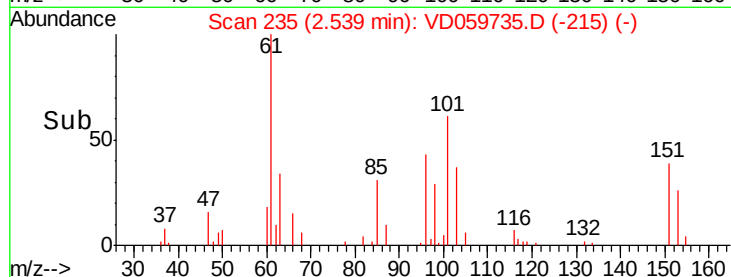
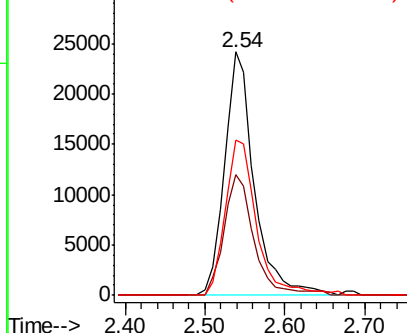
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 59.725 ug/l
 RT: 2.54 min Scan# 235
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Instrument :
 MSVOA_D
 ClientSampleId :

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

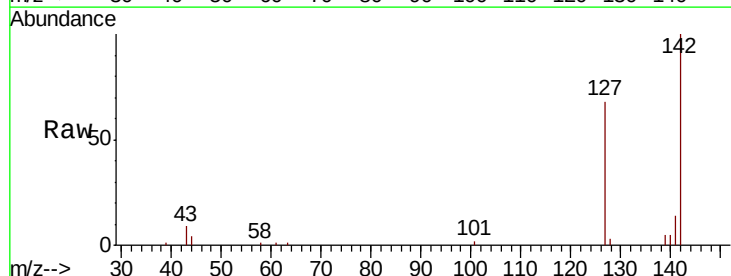


Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 84.95 (84.65 to 85.65): V
 Ion 150.90 (150.60 to 151.60): V

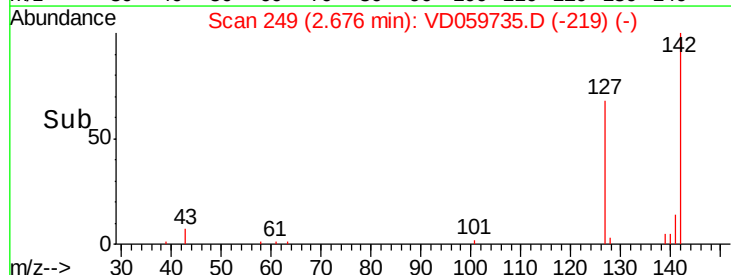
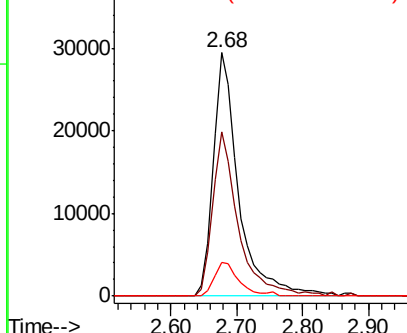


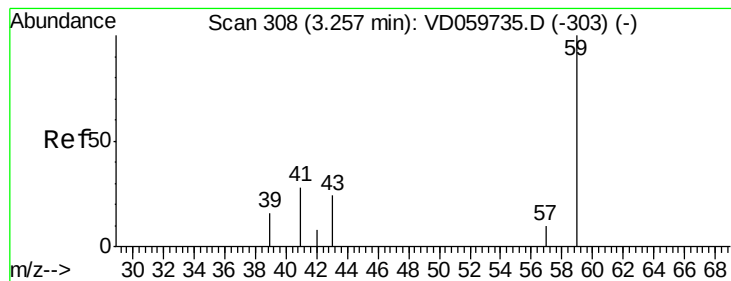
#10
 Methyl Iodide
 Concen: 64.320 ug/l
 RT: 2.68 min Scan# 249
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

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



Abundance Ion 141.85 (141.55 to 142.55): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.85 (140.55 to 141.55): V



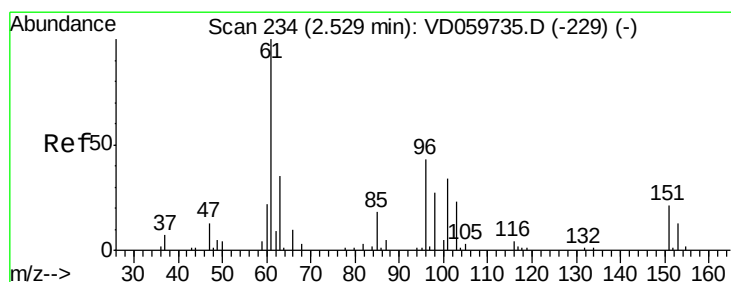
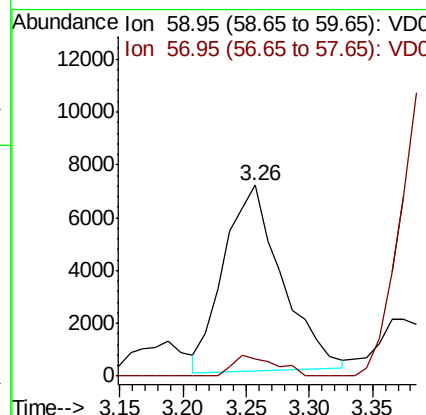
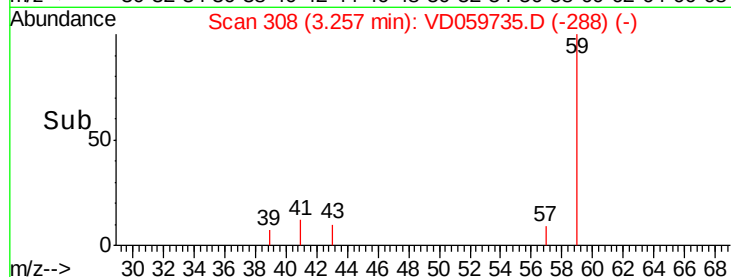
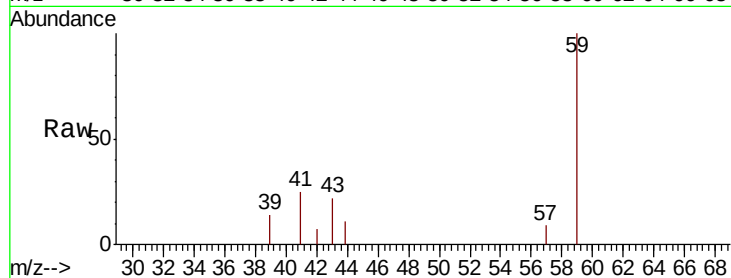


#11

Tert butyl alcohol
Concen: 307.115 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 :

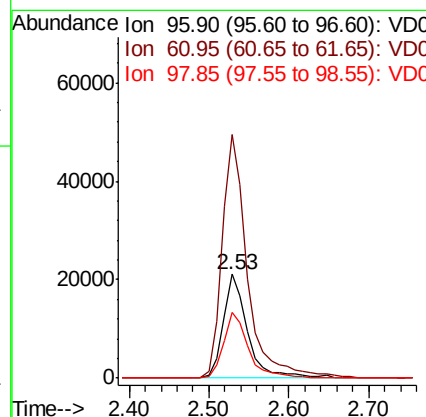
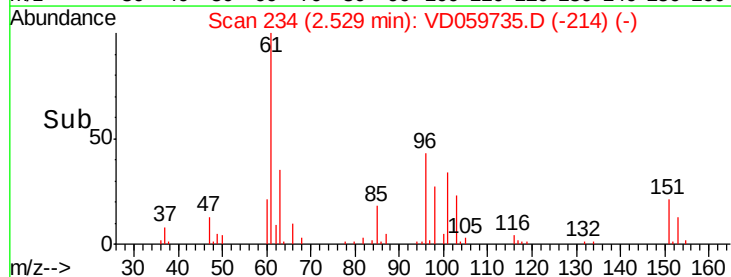
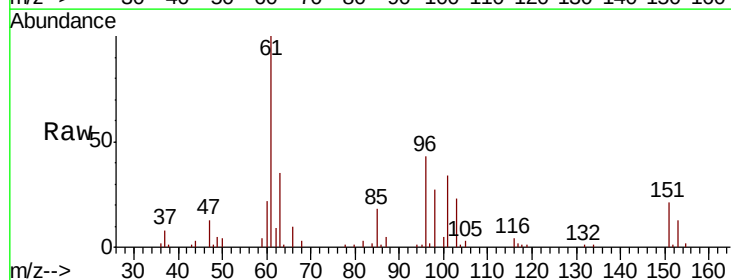
Tot Ion: 59 Resp: 22481
Ion Ratio Lower Upper
59 100
57 9.1 7.3 10.9

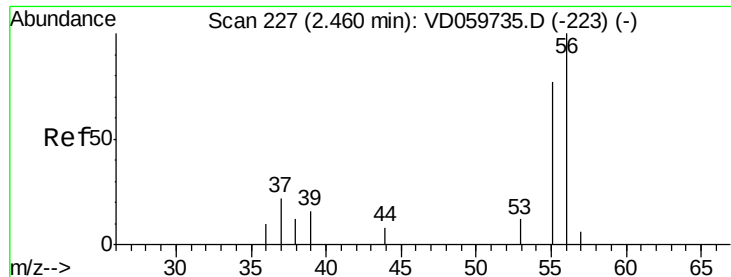


#12

1,1-Dichloroethene
Concen: 59.848 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: 96 Resp: 45565
Ion Ratio Lower Upper
96 100
61 234.0 187.2 280.8
98 63.0 50.4 75.6

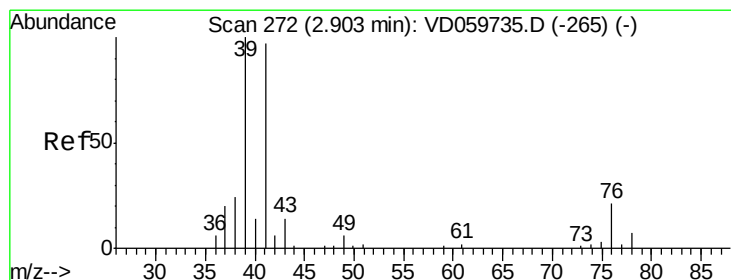
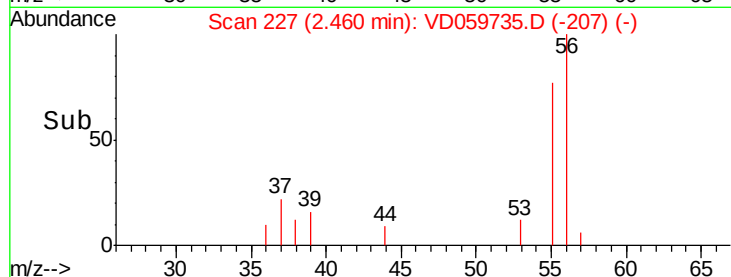
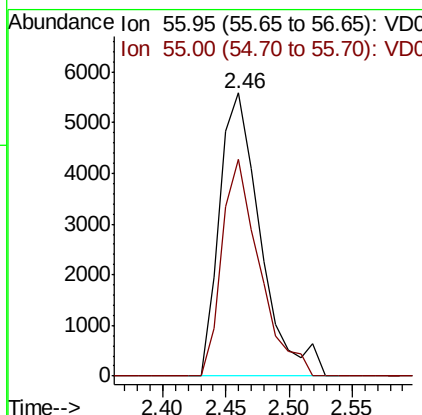
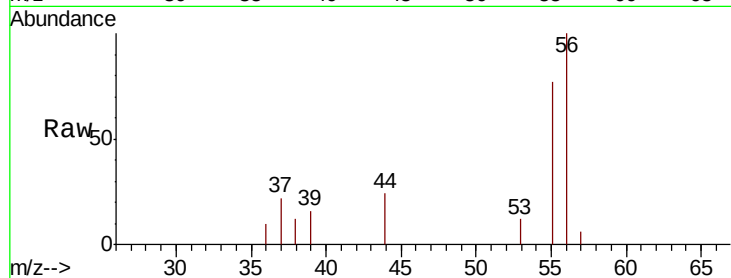




#13
Acrolein
Concen: 196.309 ug/l
RT: 2.46 min Scan# 227
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

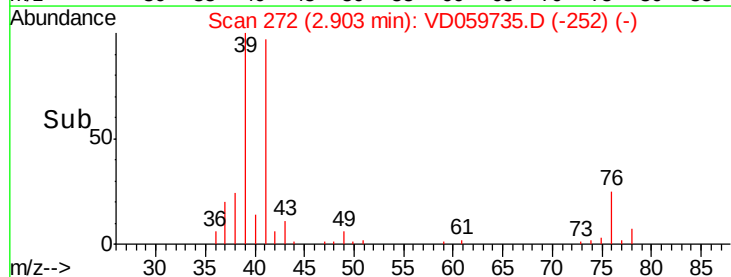
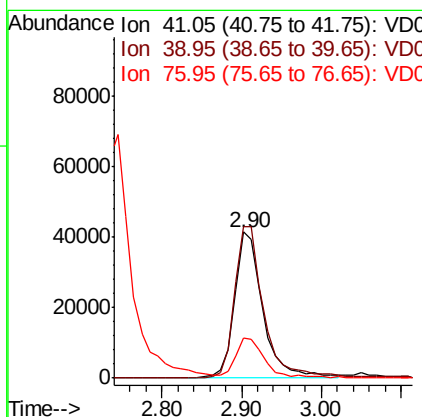
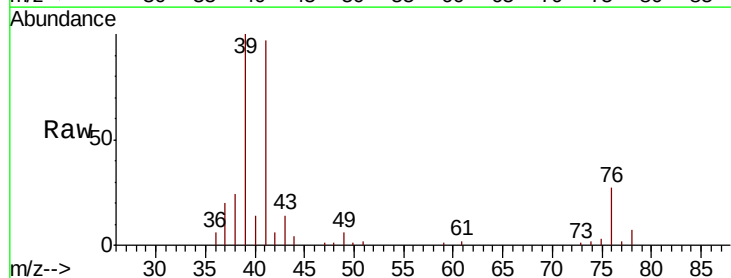
Instrument :
MSVOA_D
ClientSampleId :

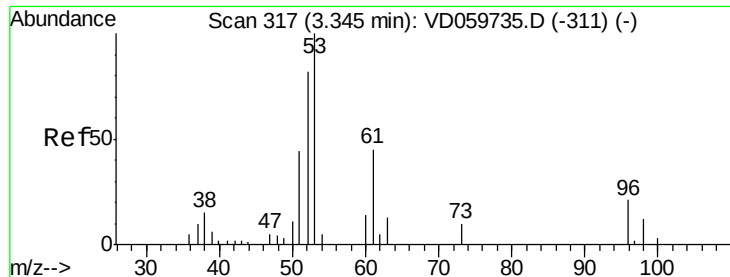
Tot Ion: 56 Resp: 12563
Ion Ratio Lower Upper
56 100
55 76.8 61.4 92.2



#14
Allyl chloride
Concen: 58.499 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





#15

Acrylonitrile

Concen: 292.444 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 :

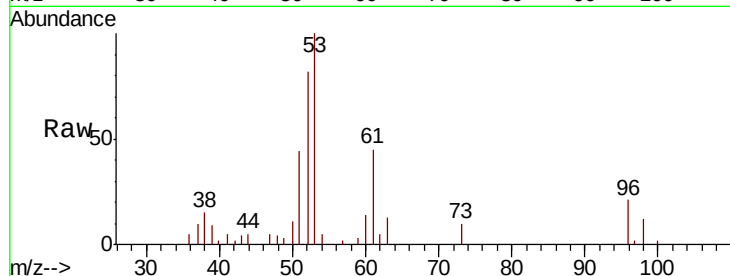
Tot Ion: 53 Resp: 59497

Ion Ratio Lower Upper

53 100

52 82.2 65.8 98.6

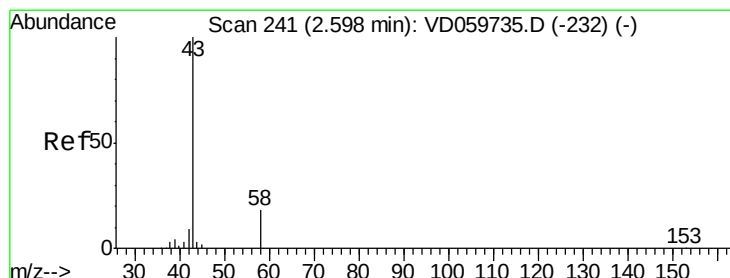
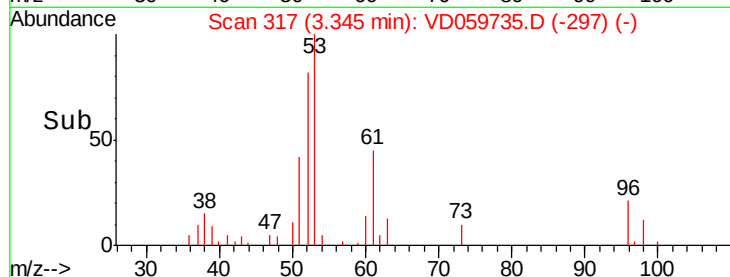
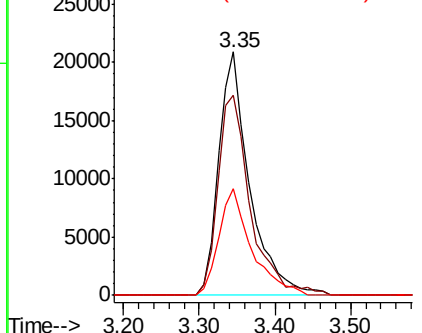
51 43.9 35.1 52.7



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 320.979 ug/l

RT: 2.60 min Scan# 241

Delta R.T. 0.00 min

Lab File: VD059735.D

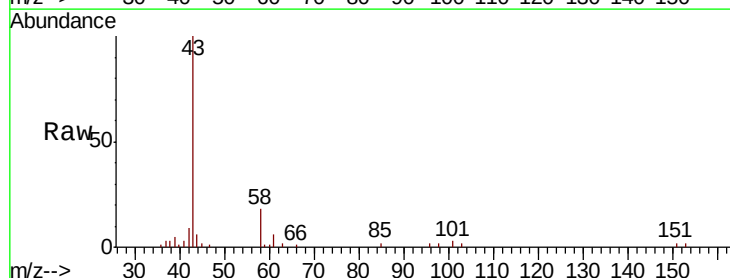
Acq: 10 Aug 2018 18:09

Tgt Ion: 43 Resp: 122126

Ion Ratio Lower Upper

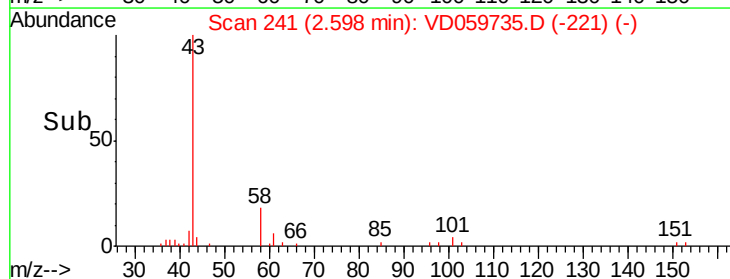
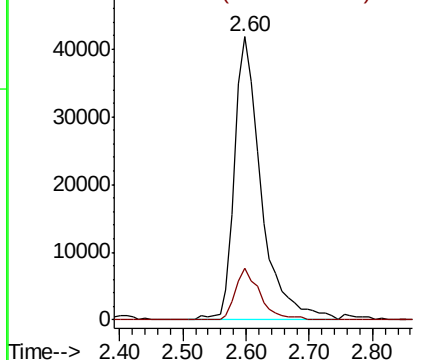
43 100

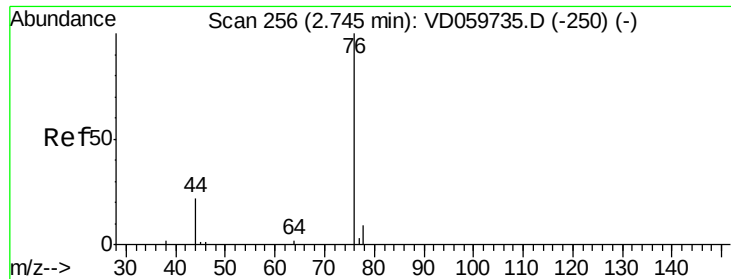
58 18.2 14.6 21.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

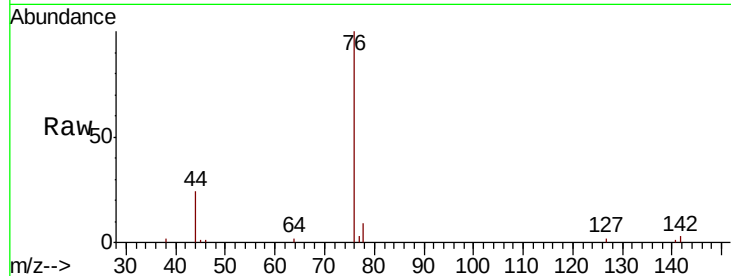




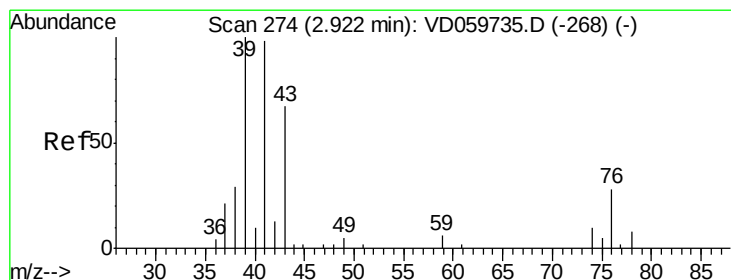
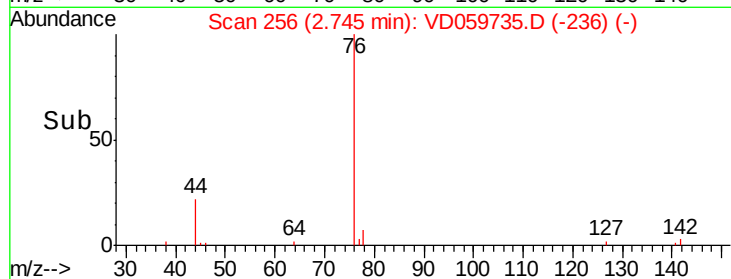
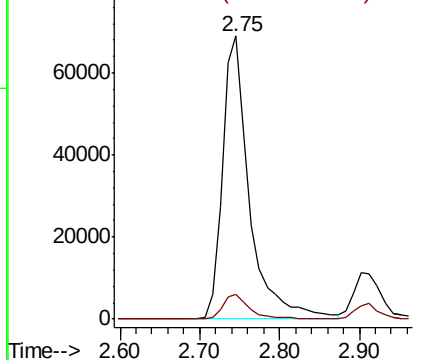
#17
Carbon Disulfide
Concen: 59.482 ug/l
RT: 2.75 min Scan# 256
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 76 Resp: 163579
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

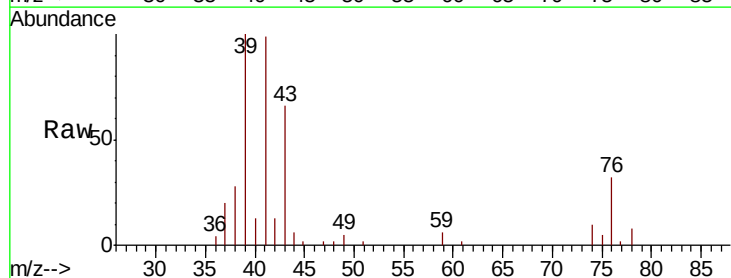


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

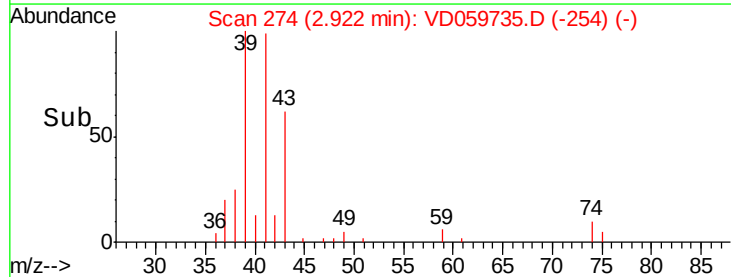
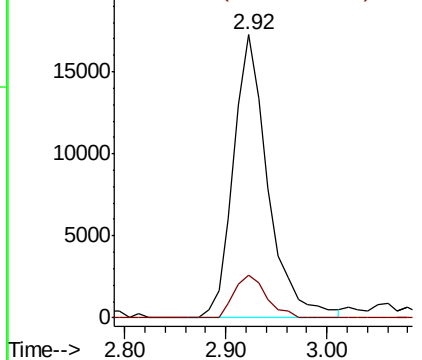


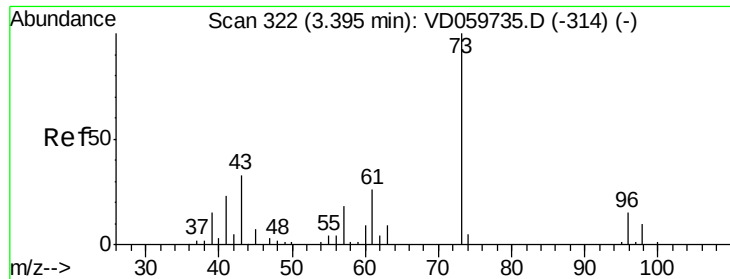
#18
Methyl Acetate
Concen: 57.883 ug/l
RT: 2.92 min Scan# 274
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion: 43 Resp: 41073
Ion Ratio Lower Upper
43 100
74 15.1 12.1 18.1



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

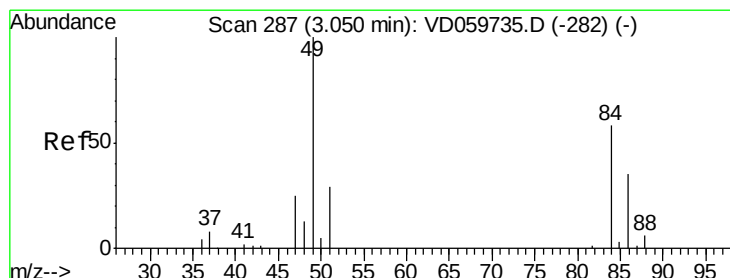
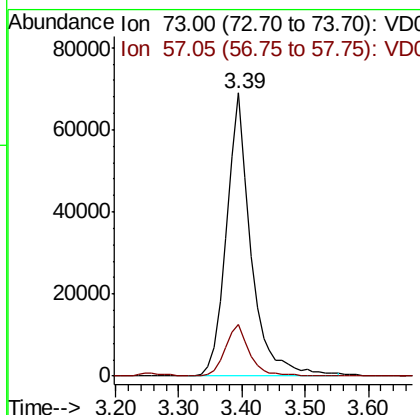
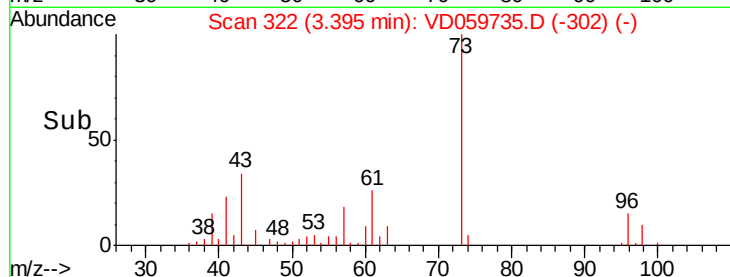
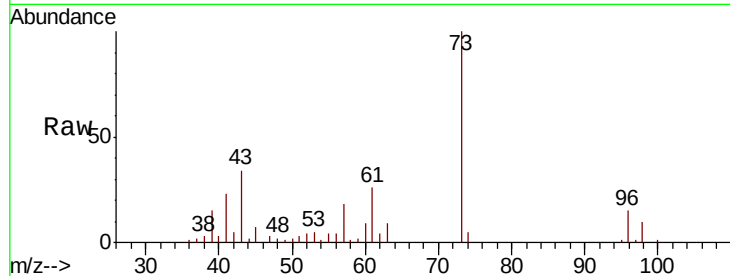




#19
Methyl tert-butyl Ether
Concen: 62.402 ug/l
RT: 3.39 min Scan# 322
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

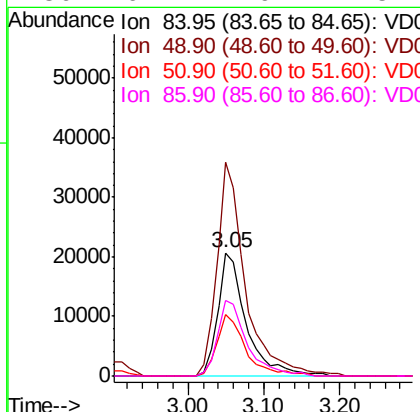
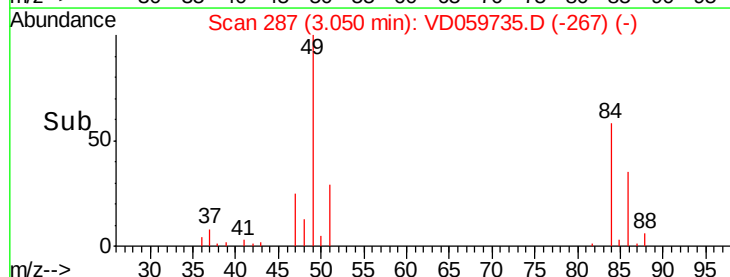
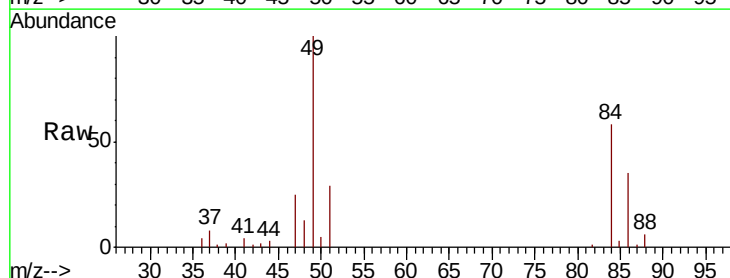
Instrument :
MSVOA_D
ClientSampled :

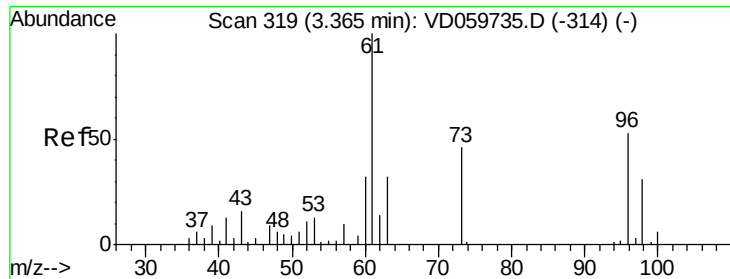
Tot Ion: 73 Resp: 184812
Ion Ratio Lower Upper
73 100
57 18.5 14.8 22.2



#20
Methylene Chloride
Concen: 36.810 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: 84 Resp: 53900
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: 58.560 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

ClientSampled :

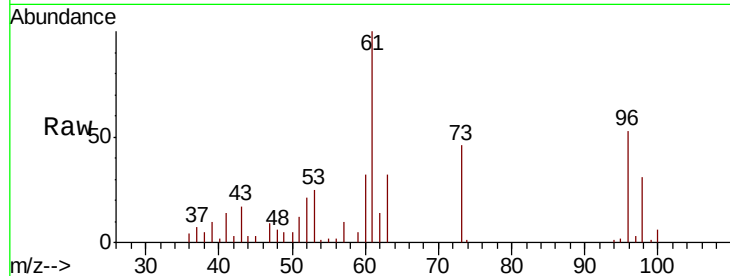
Tot Ion: 96 Resp: 58589

Ion Ratio Lower Upper

96 100

61 190.0 152.0 228.0

98 59.3 47.4 71.2

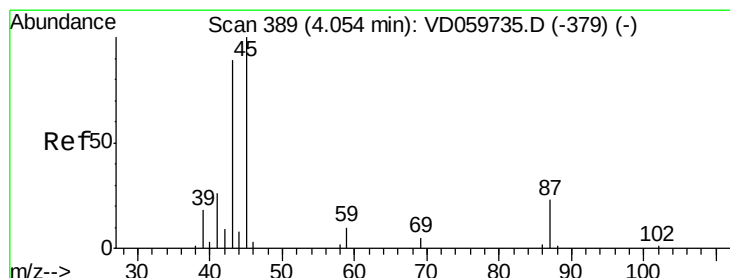
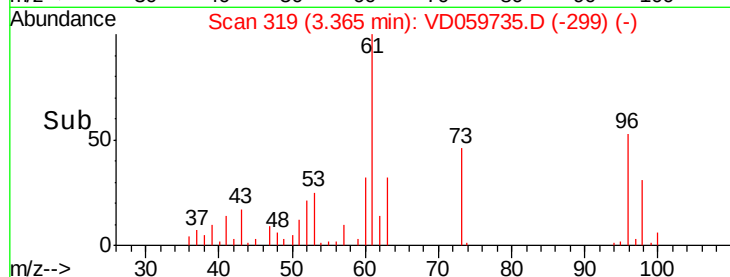
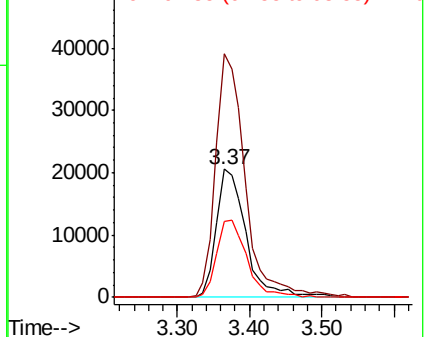


Abundance

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: 48.378 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

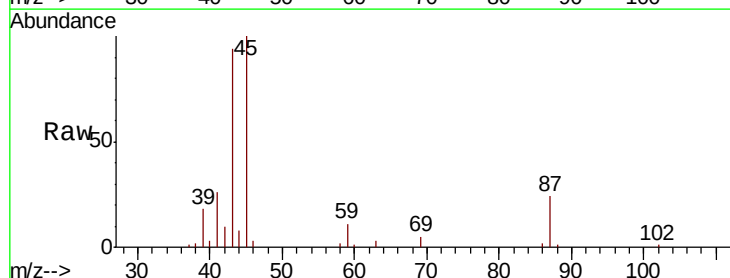
Ion Ratio Lower Upper

45 100

43 94.4 75.5 113.3

87 24.2 19.4 29.0

59 10.6 8.5 12.7



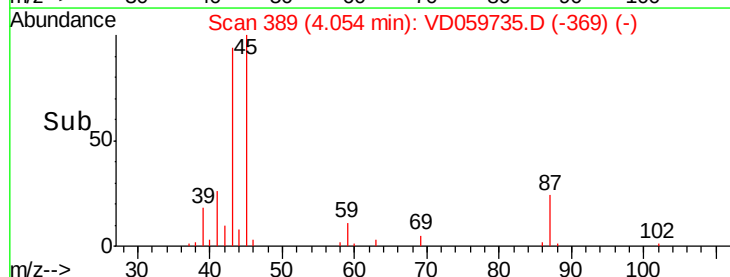
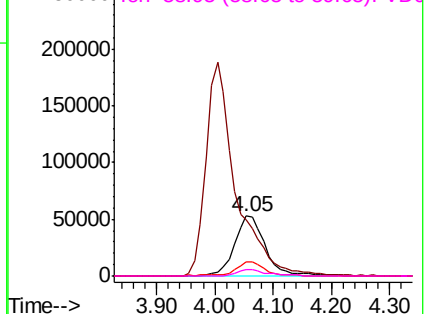
Abundance

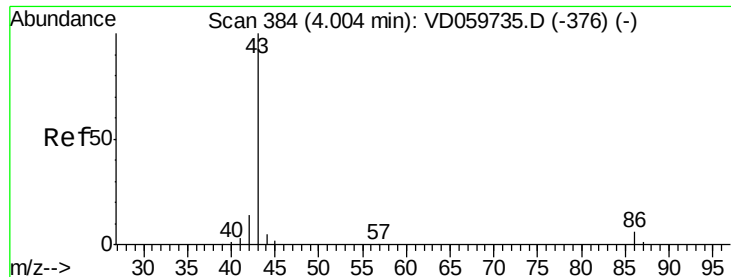
Ion 45.05 (44.75 to 45.75): VDC

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: 259.298 ug/l

RT: 4.00 min Scan# 384

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

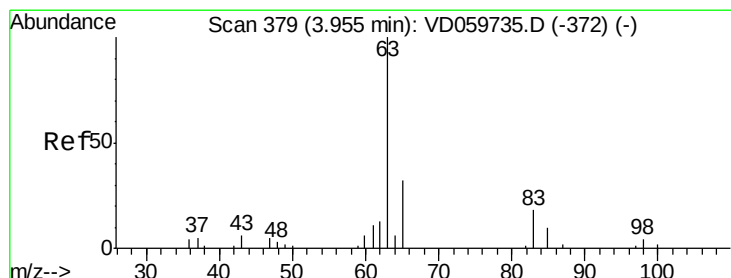
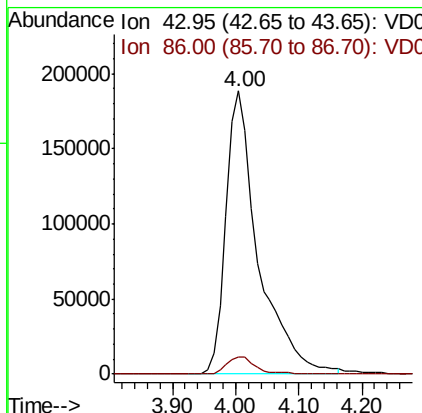
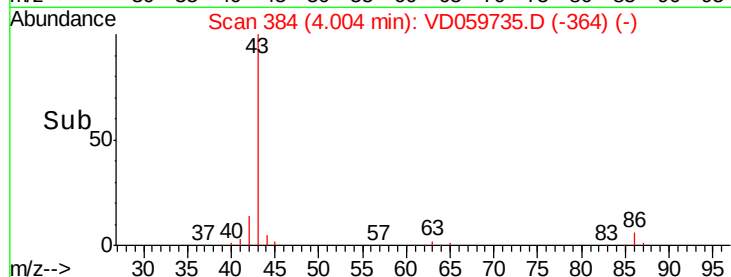
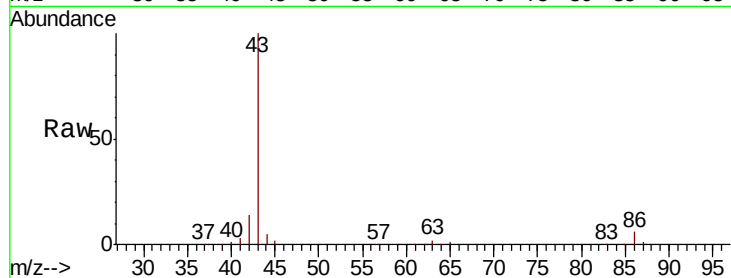
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 669435

Ion Ratio Lower Upper

43 100

86 6.2 5.0 7.4



#24

1,1-Dichloroethane

Concen: 51.118 ug/l

RT: 3.96 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

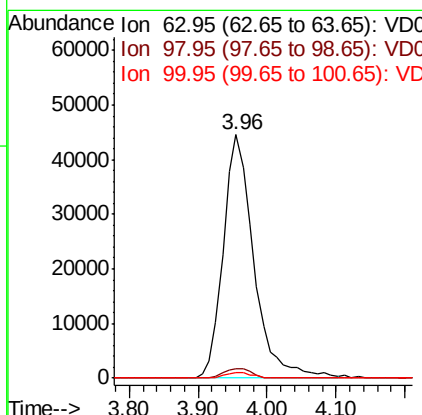
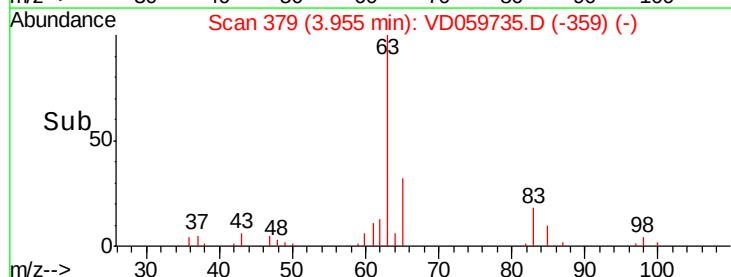
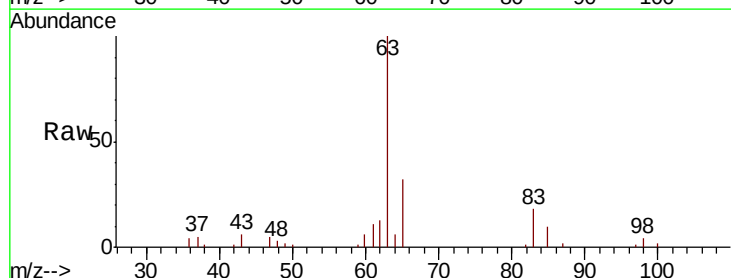
Tgt Ion: 63 Resp: 136858

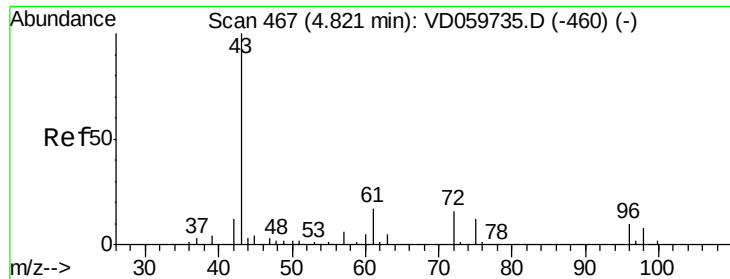
Ion Ratio Lower Upper

63 100

98 3.7 1.8 5.5

100 2.1 1.1 3.1





#25

2-Butanone

Concen: 258.024 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

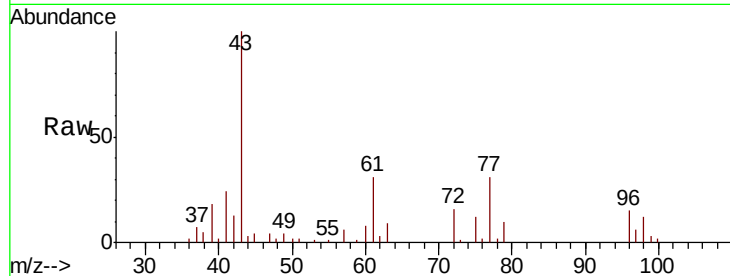
ClientSampled :

Tot Ion: 43 Resp: 123871

Ion Ratio Lower Upper

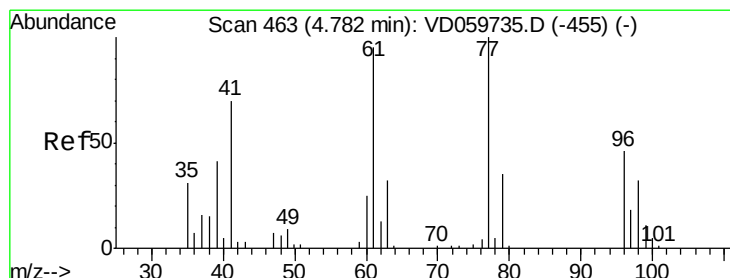
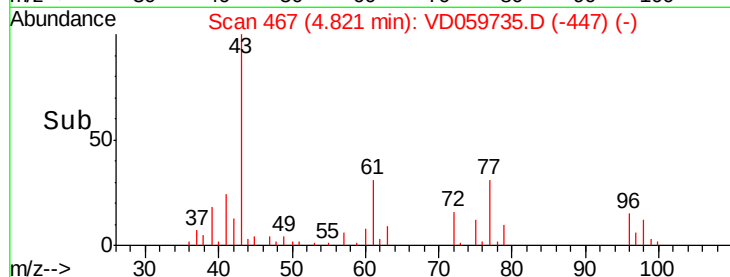
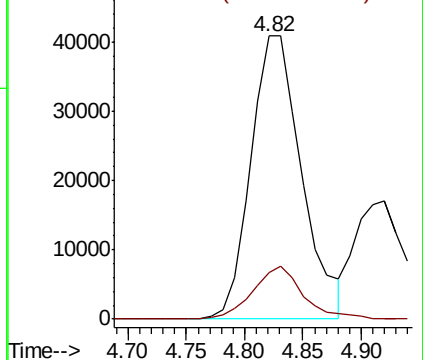
43 100

72 16.4 13.1 19.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 55.458 ug/l

RT: 4.78 min Scan# 463

Delta R.T. 0.00 min

Lab File: VD059735.D

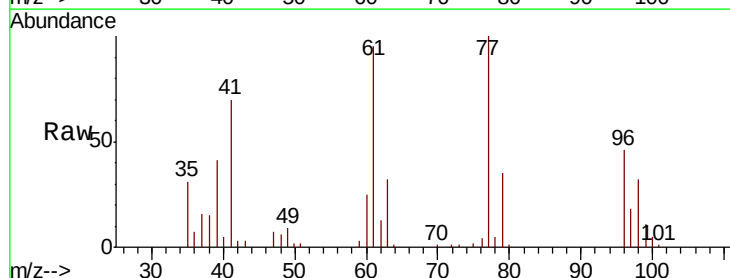
Acq: 10 Aug 2018 18:09

Tgt Ion: 77 Resp: 160737

Ion Ratio Lower Upper

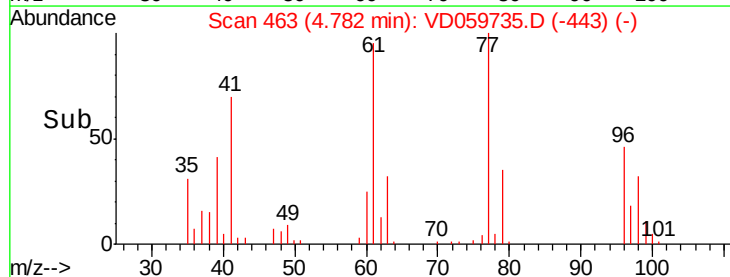
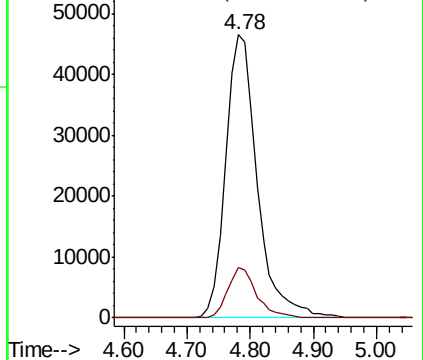
77 100

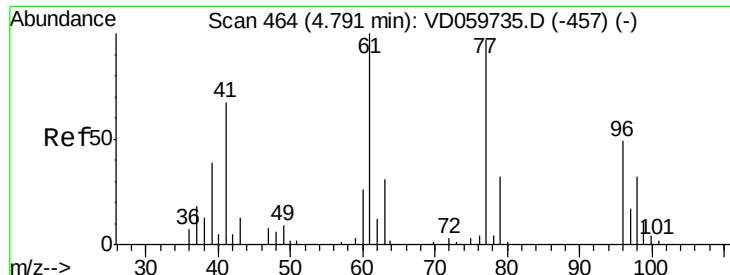
97 17.9 8.9 26.8



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

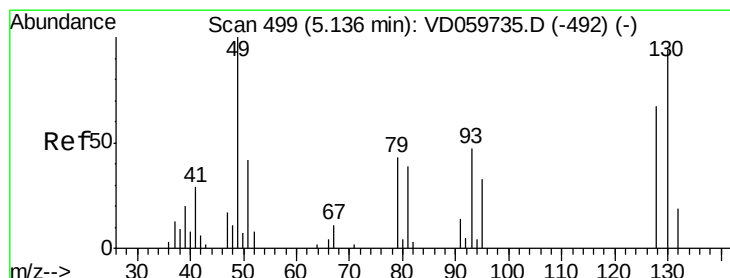
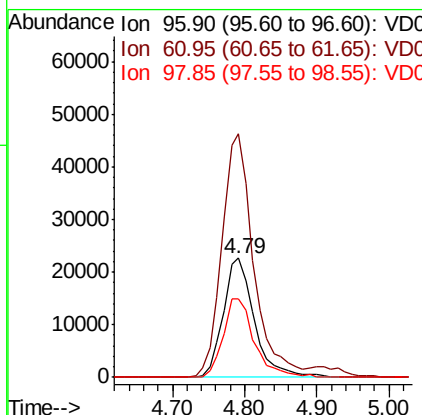
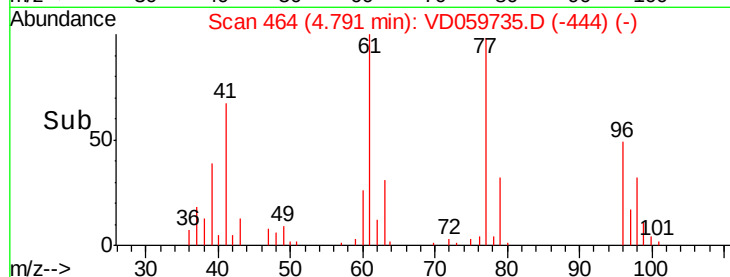
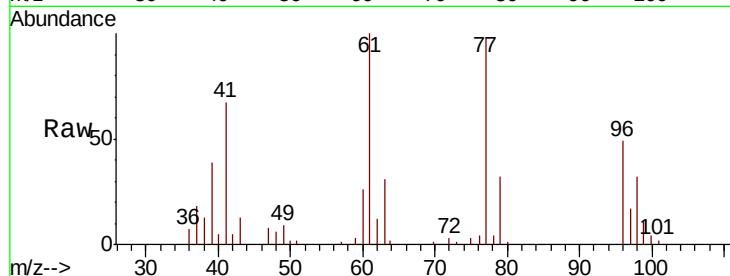




#27
 cis-1,2-Dichloroethene
 Concen: 47.750 ug/l
 RT: 4.79 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

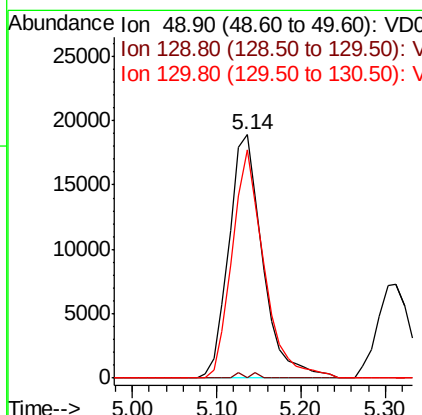
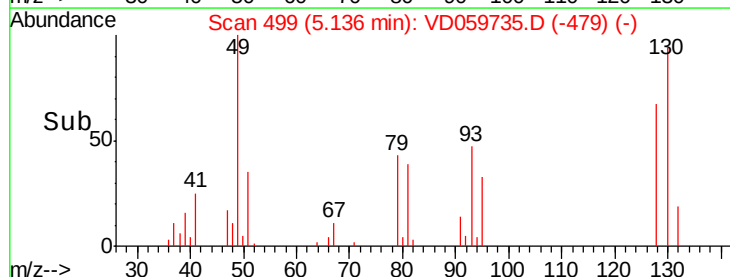
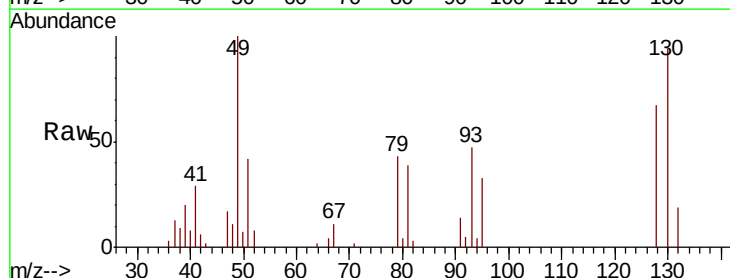
Instrument :
 MSVOA_D
 ClientSampleID :

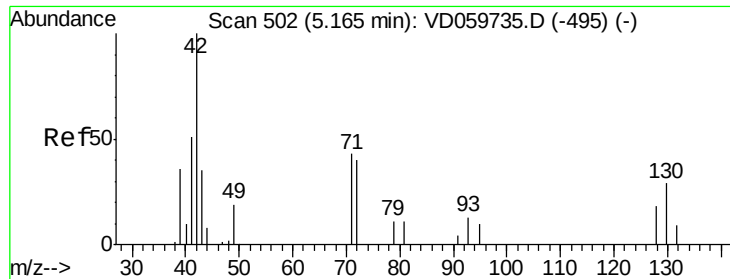
Tot Ion: 96 Resp: 67358
 Ion Ratio Lower Upper
 96 100
 61 204.9 0.0 409.8
 98 66.4 0.0 132.8



#28
 Bromochloromethane
 Concen: 52.617 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: 49 Resp: 52934
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 0.0
 130 93.8 75.0 112.6

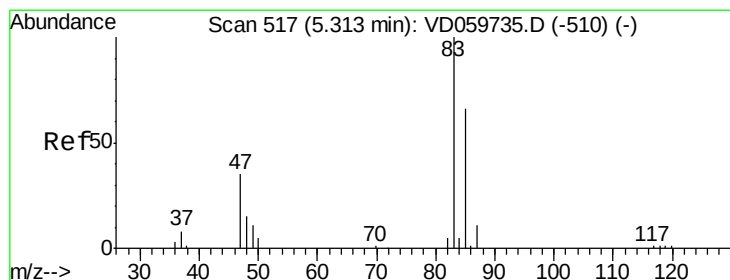
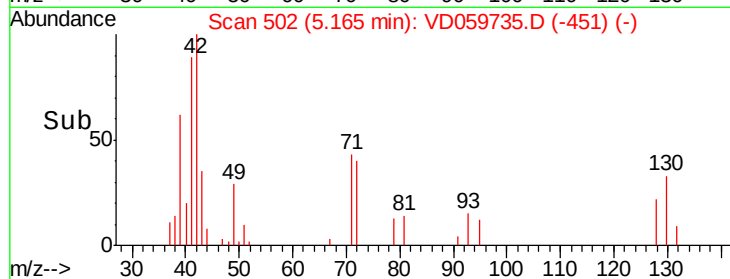
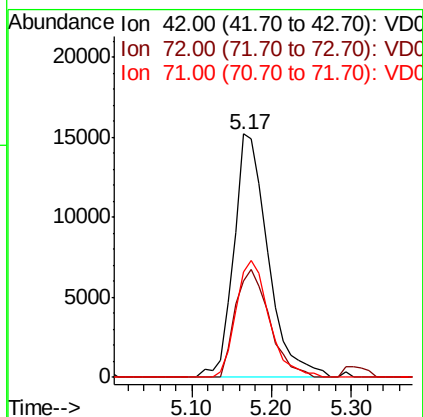
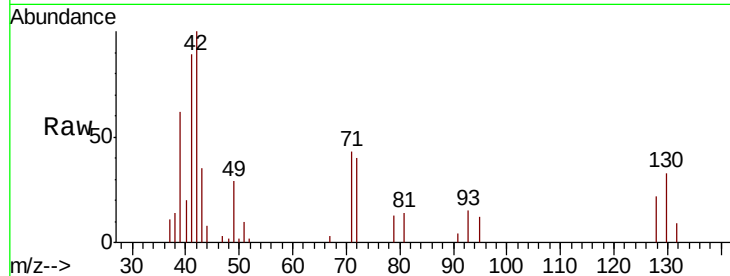




#29
Tetrahydrofuran
Concen: 242.099 ug/l
RT: 5.17 min Scan# 502
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

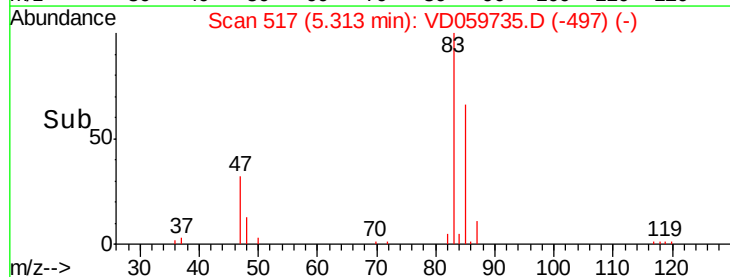
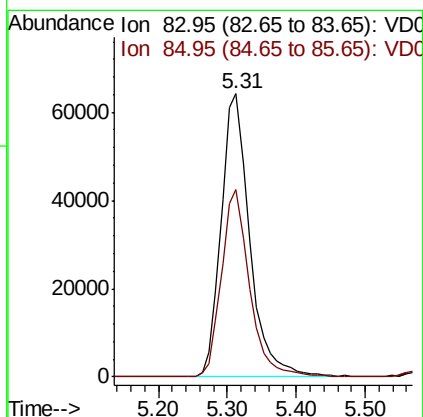
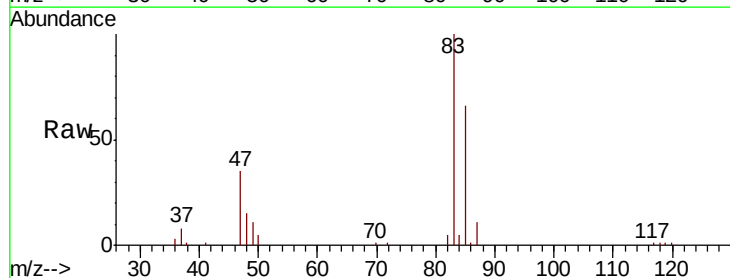
Instrument :
MSVOA_D
ClientSampled :

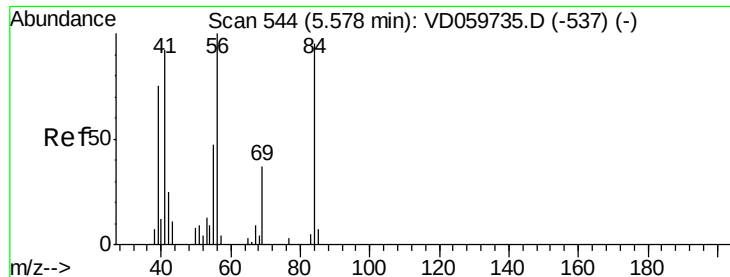
Tot Ion: 42 Resp: 45258
Ion Ratio Lower Upper
42 100
72 44.1 35.3 52.9
71 46.4 37.1 55.7



#30
Chloroform
Concen: 55.619 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: 83 Resp: 184911
Ion Ratio Lower Upper
83 100
85 66.1 52.9 79.3

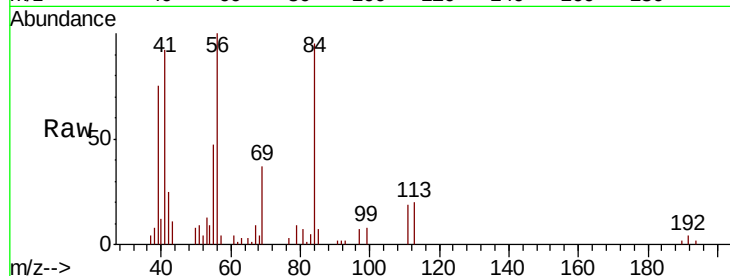




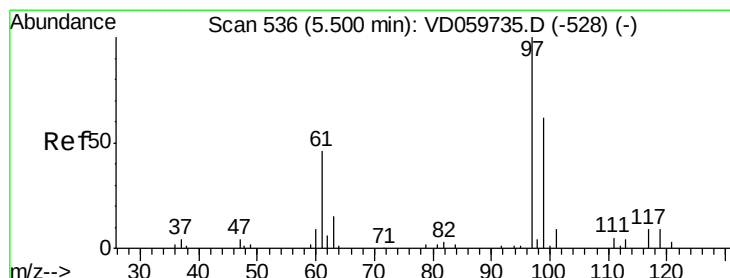
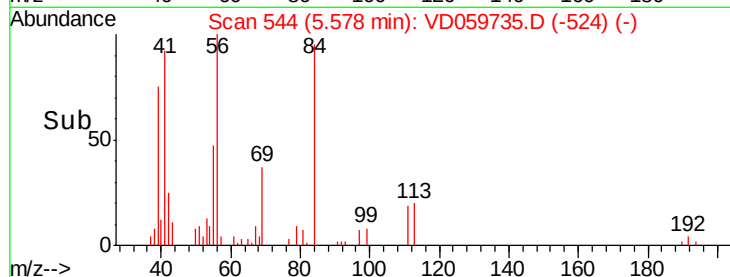
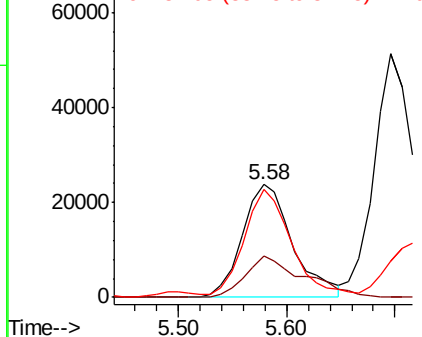
#31
Cyclohexane
Concen: 39.447 ug/l
RT: 5.58 min Scan# 544
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 76898
Ion Ratio Lower Upper
56 100
69 36.6 29.3 43.9
84 95.2 76.2 114.2

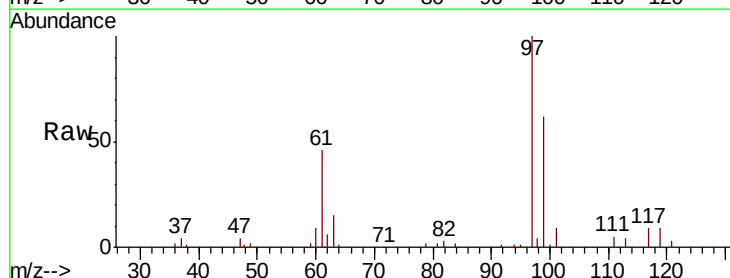


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

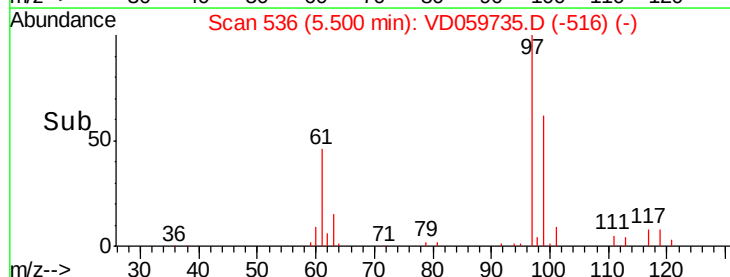
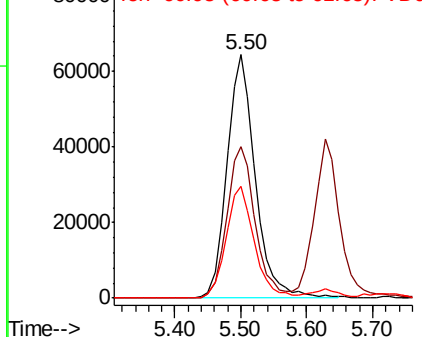


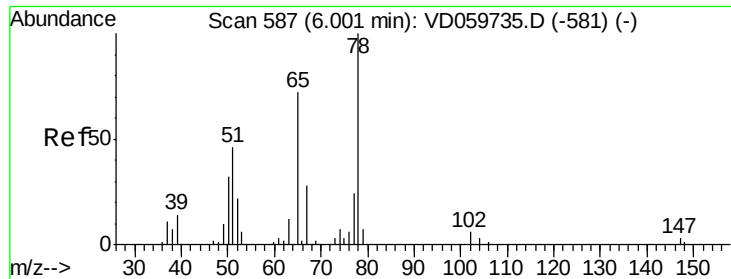
#32
1,1,1-Trichloroethane
Concen: 59.452 ug/l
RT: 5.50 min Scan# 536
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion: 97 Resp: 193859
Ion Ratio Lower Upper
97 100
99 62.2 49.8 74.6
61 46.2 37.0 55.4



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC

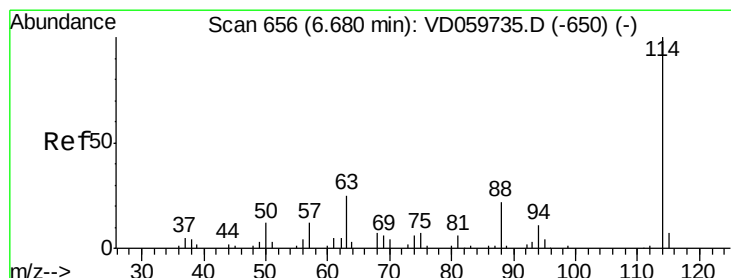
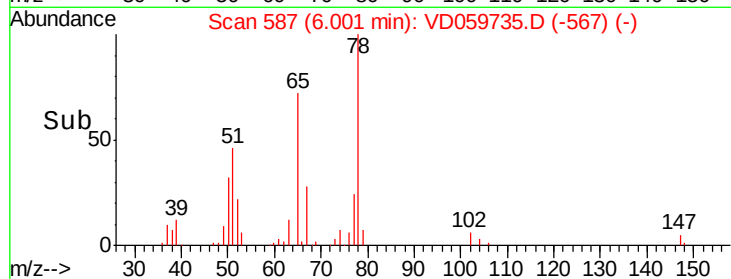
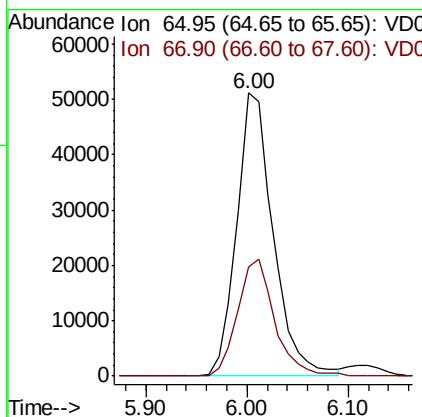
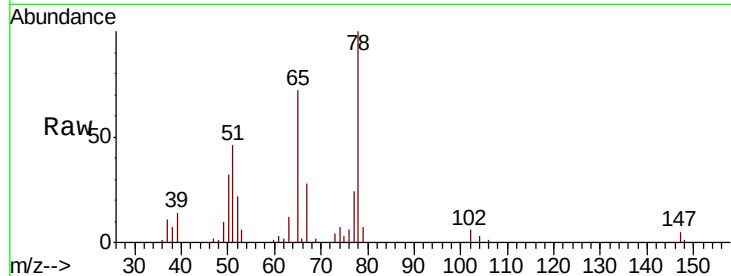




#33
 1,2-Dichloroethane-d4
 Concen: 59.452 ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

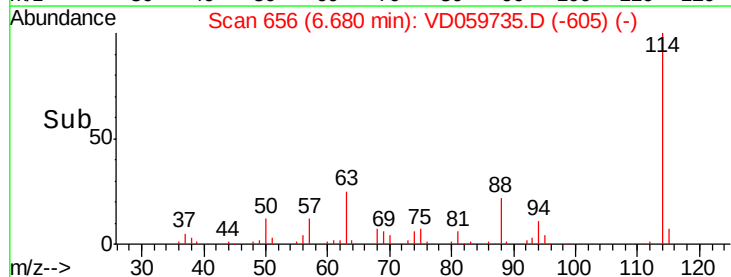
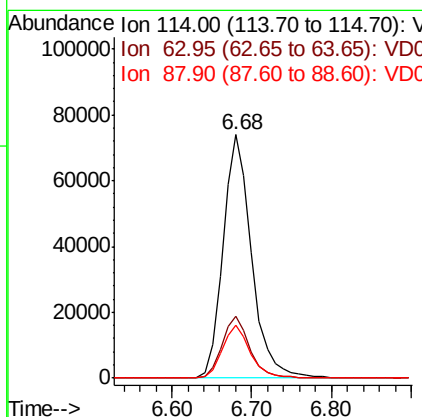
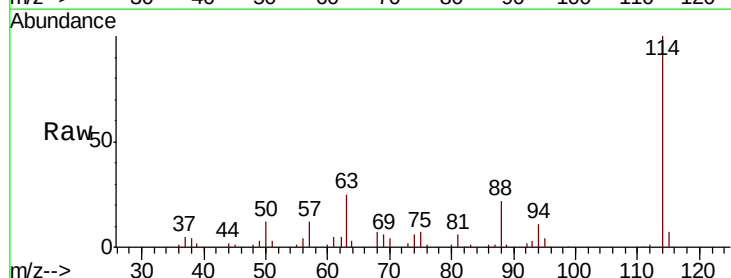
Instrument :
 MSVOA_D
 ClientSampleId :

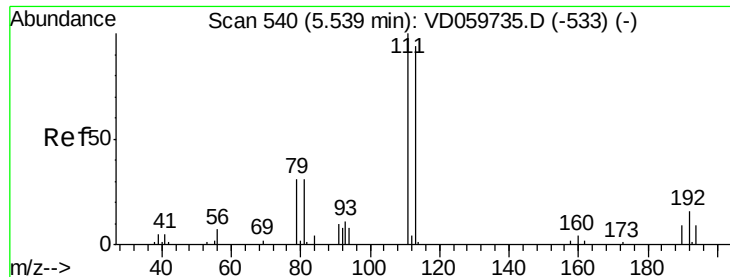
Tot Ion: 65 Resp: 129310
 Ion Ratio Lower Upper
 65 100
 67 38.7 0.0 77.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 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: 114 Resp: 185199
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 50.6
 88 21.7 0.0 43.4

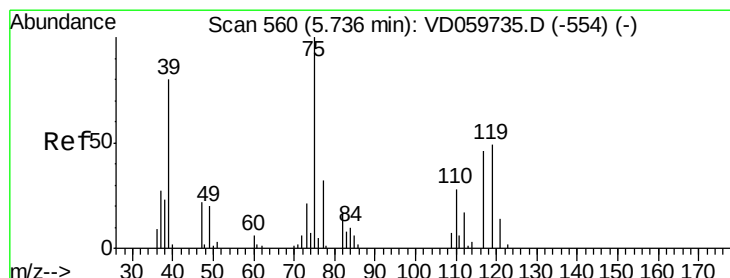
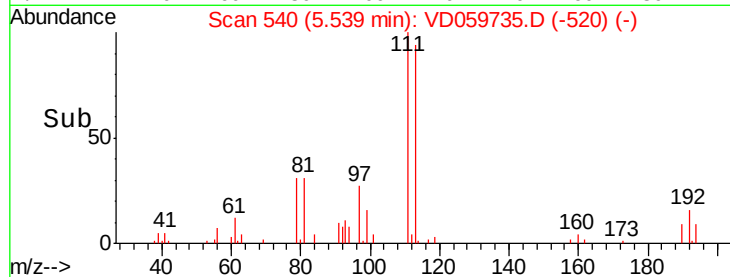
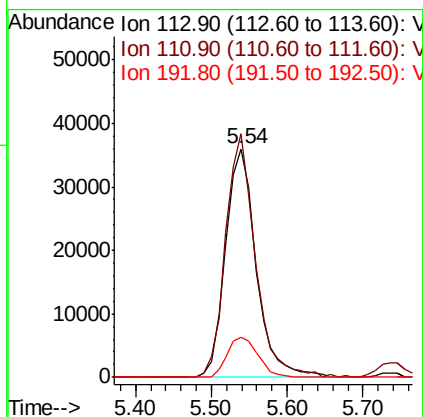
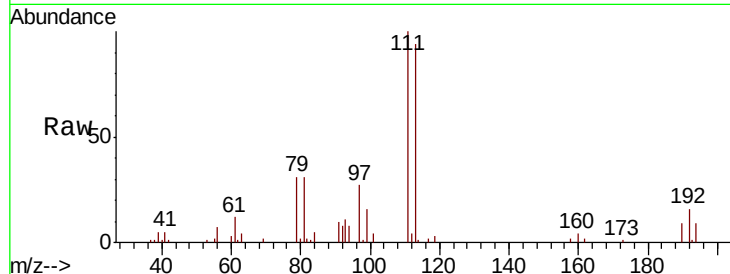




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

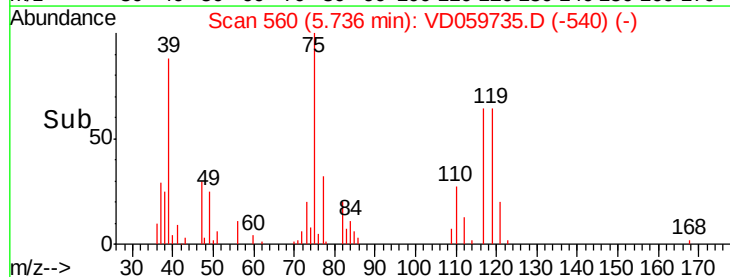
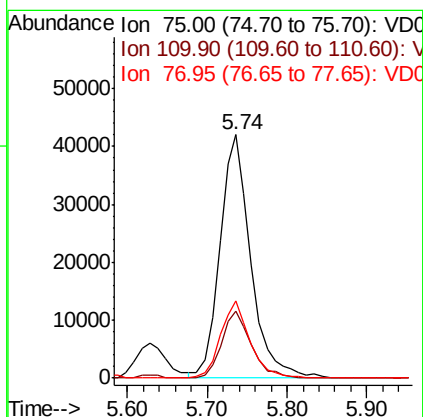
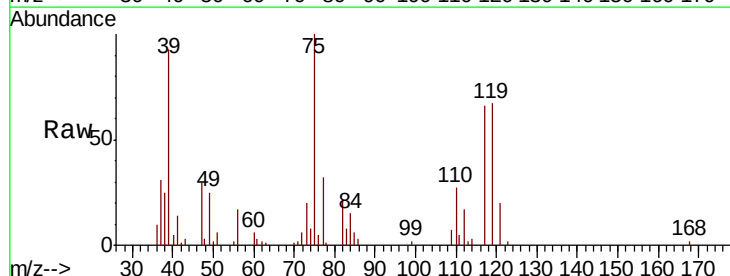
Instrument :
 MSVOA_D
 ClientSampleID :

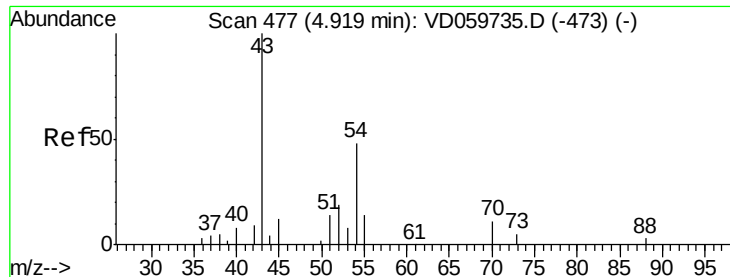
Tot Ion	Ratio	Lower	Upper
113	100		
111	106.6	85.3	127.9
192	17.4	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 55.093 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	Ratio	Lower	Upper
75	100		
110	27.3	13.7	41.0
77	31.8	25.4	38.2





#37

Ethyl Acetate

Concen: 54.767 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

ClientSampled :

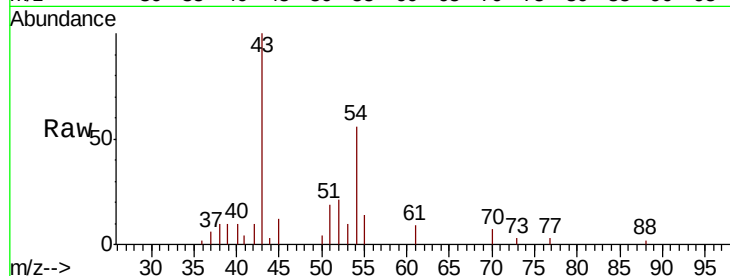
Tot Ion: 43 Resp: 54801

Ion Ratio Lower Upper

43 100

61 9.2 7.4 11.0

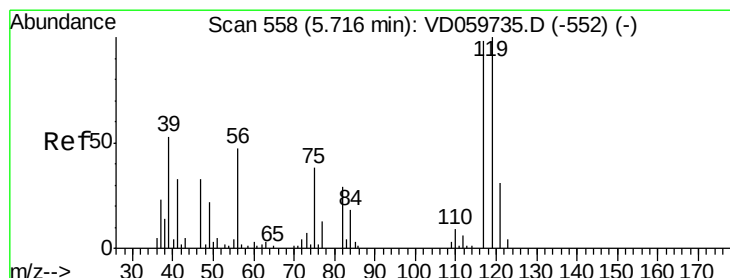
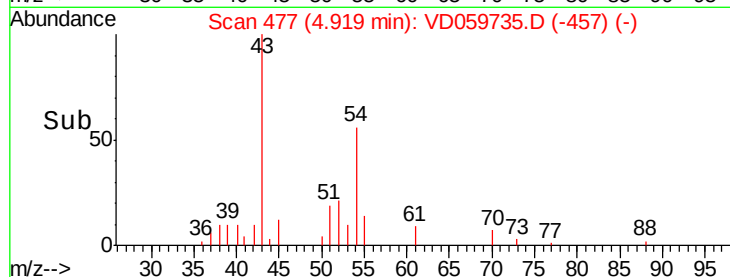
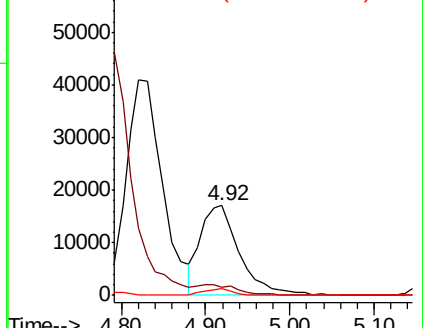
70 7.3 5.8 8.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 63.060 ug/l

RT: 5.72 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

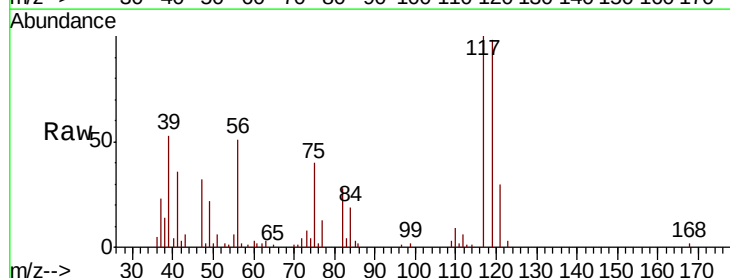
Tgt Ion: 117 Resp: 179542

Ion Ratio Lower Upper

117 100

119 97.7 78.2 117.2

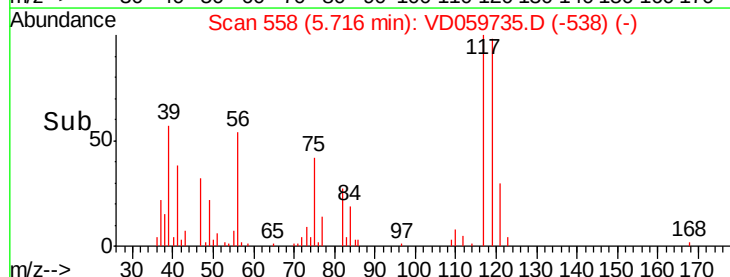
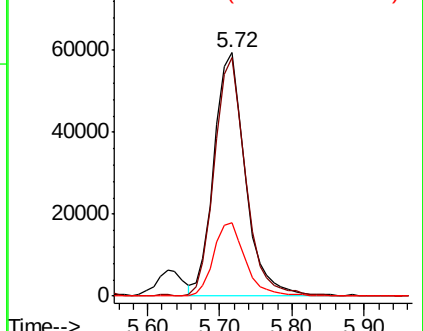
121 29.9 23.9 35.9

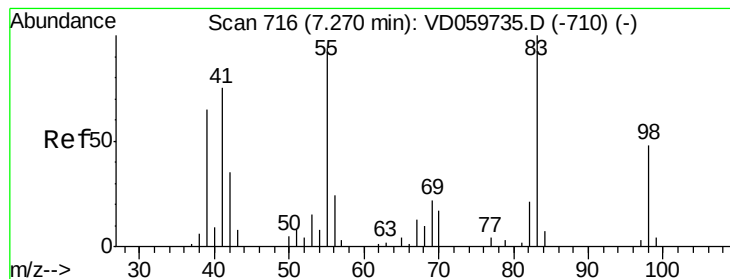


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#39

Methylvlcyclohexane

Concen: 50.138 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

ClientSampled :

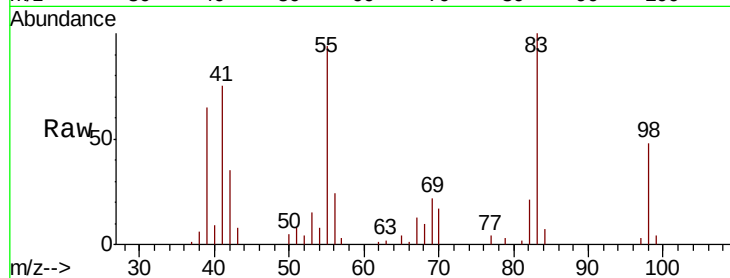
Tot Ion: 83 Resp: 85381

Ion Ratio Lower Upper

83 100

55 93.9 75.1 112.7

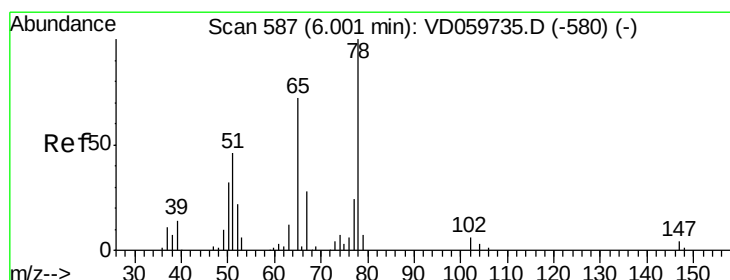
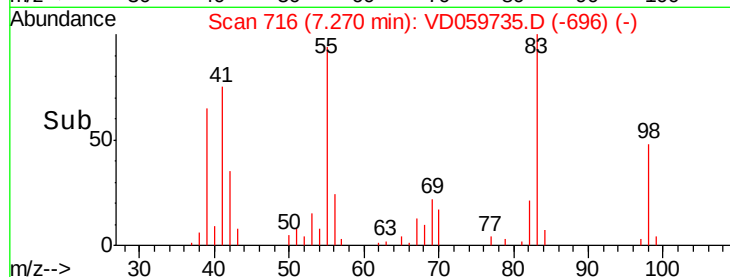
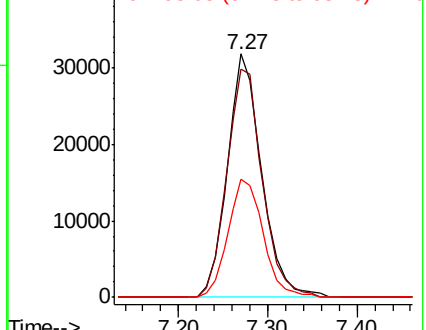
98 48.4 38.7 58.1



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 50.279 ug/l

RT: 6.00 min Scan# 587

Delta R.T. 0.00 min

Lab File: VD059735.D

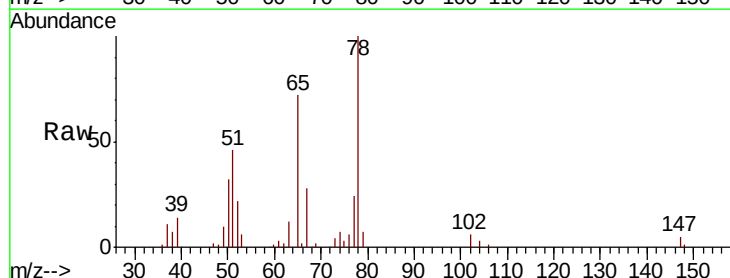
Acq: 10 Aug 2018 18:09

Tgt Ion: 78 Resp: 197615

Ion Ratio Lower Upper

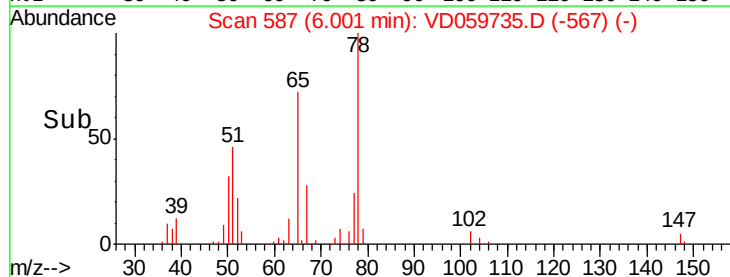
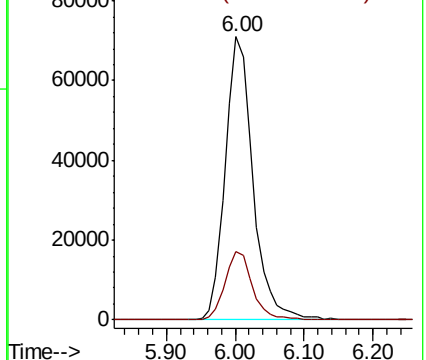
78 100

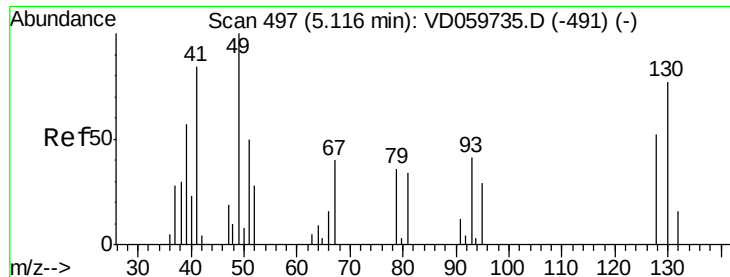
77 24.2 19.4 29.0



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

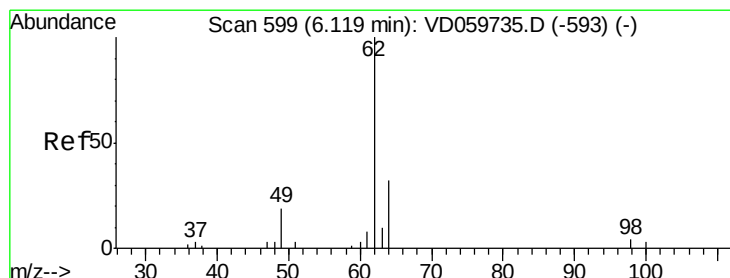
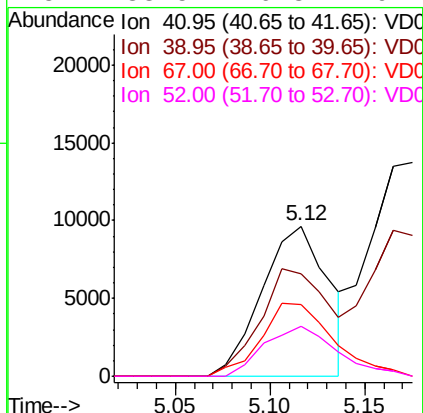
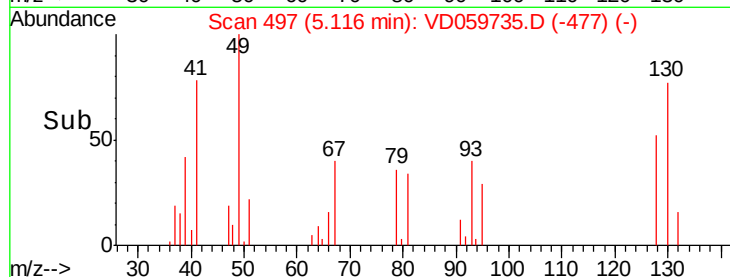
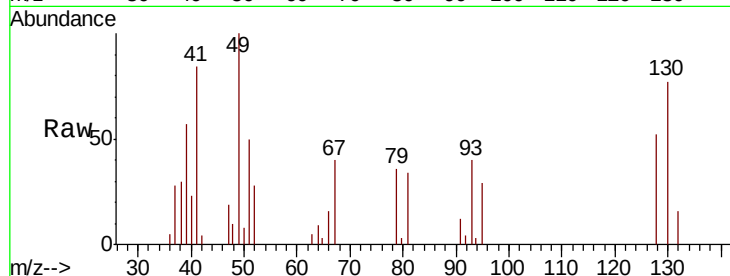




#41
Methacrylonitrile
Concen: 51.756 ug/l
RT: 5.12 min Scan# 497
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

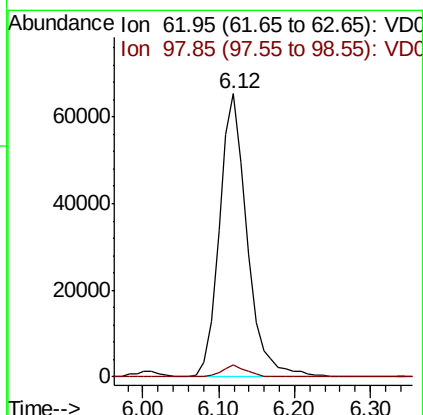
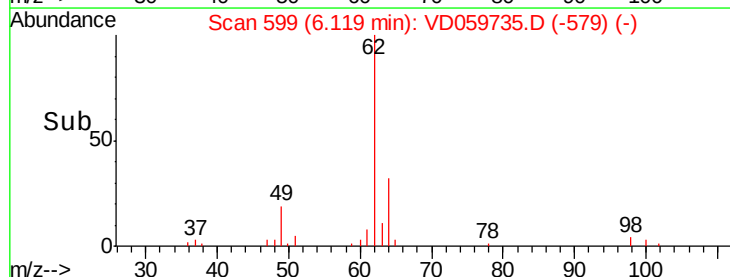
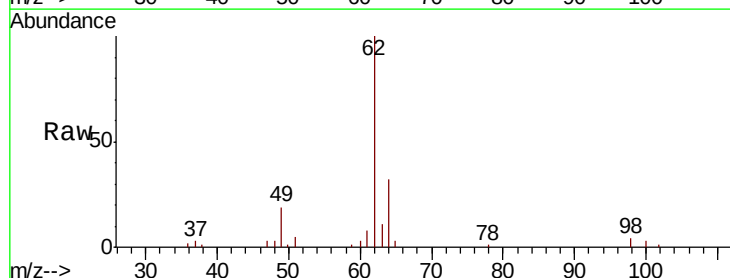
Instrument :
MSVOA_D
ClientSampled :

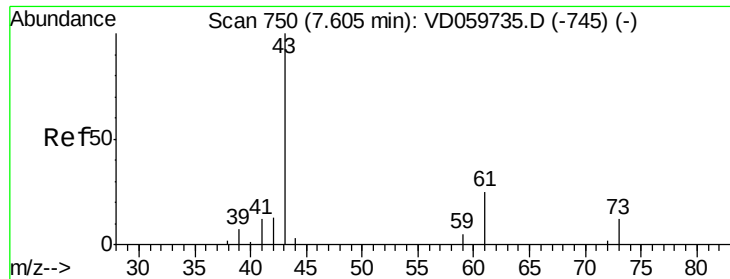
Tot Ion:	41	Resp:	23615
Ion	Ratio	Lower	Upper
41	100		
39	67.9	54.3	81.5
67	47.7	38.2	57.2
52	33.5	26.8	40.2



#42
1,2-Dichloroethane
Concen: 64.632 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: 52.649 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 :

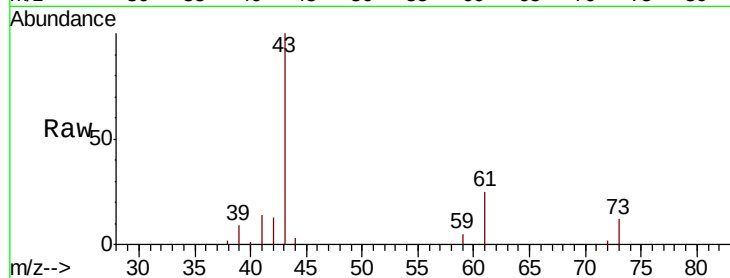
Tot Ion: 43 Resp: 67890

Ion Ratio Lower Upper

43 100

61 24.8 19.8 29.8

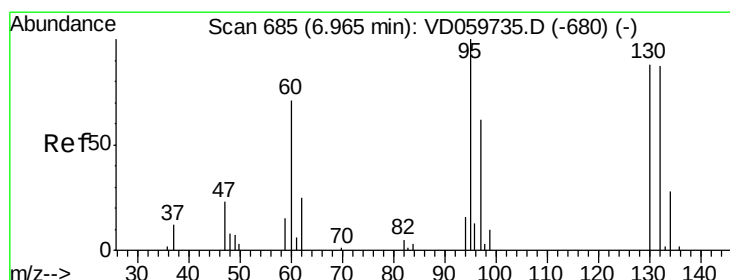
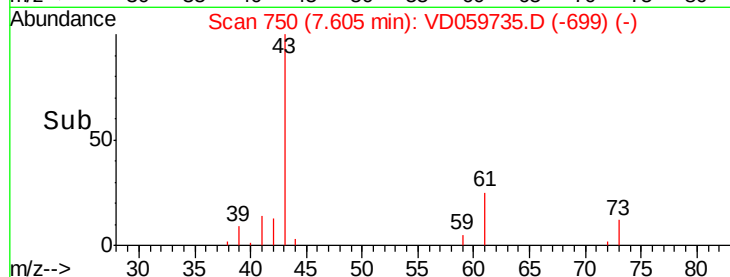
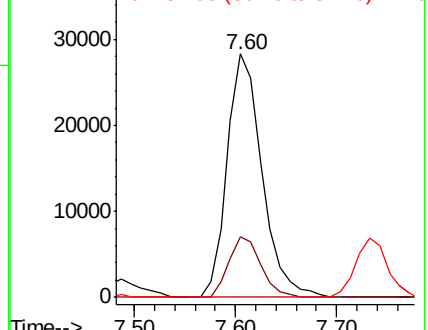
87 0.0 0.0 0.0



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: 55.851 ug/l

RT: 6.97 min Scan# 685

Delta R.T. 0.00 min

Lab File: VD059735.D

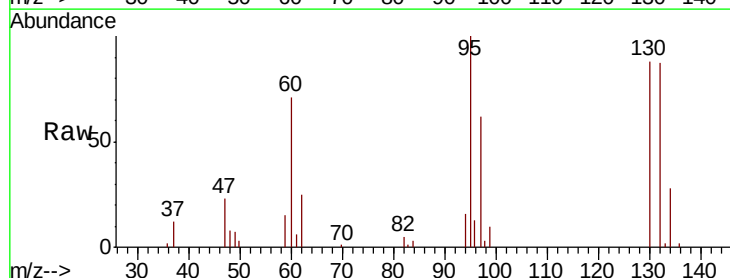
Acq: 10 Aug 2018 18:09

Tgt Ion:130 Resp: 82024

Ion Ratio Lower Upper

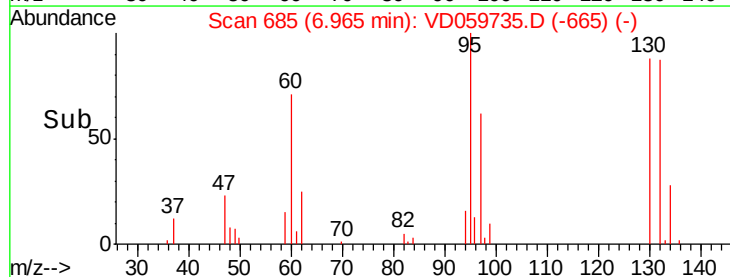
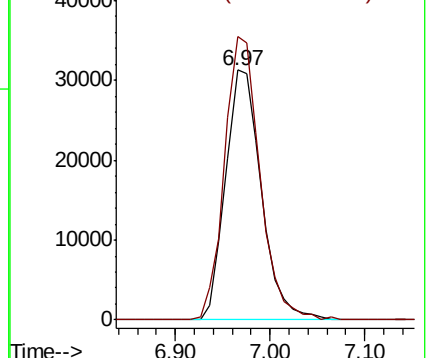
130 100

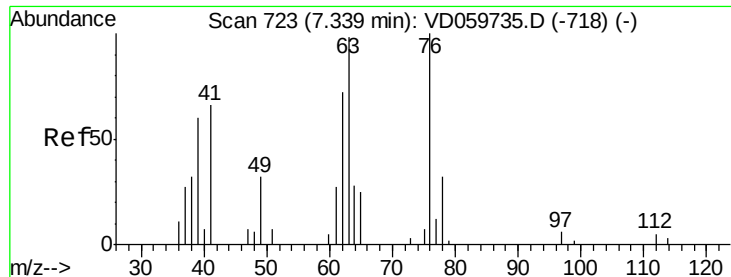
95 113.2 0.0 226.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

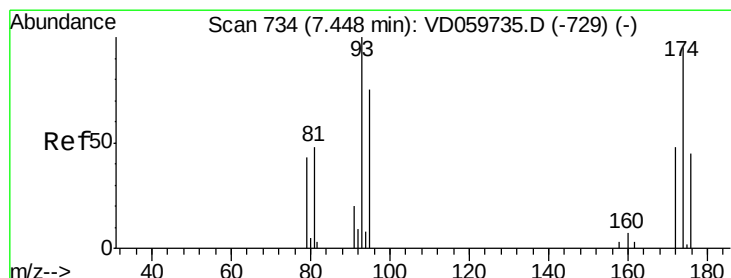
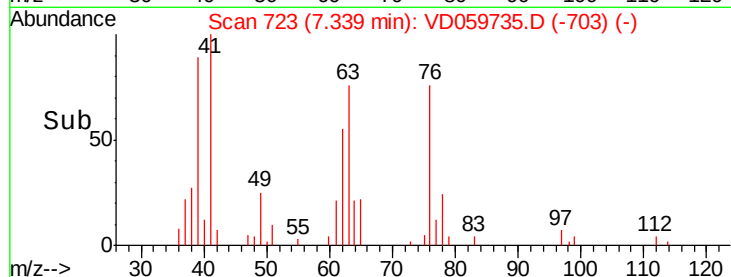
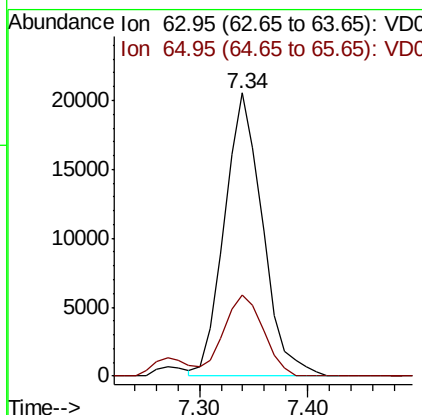
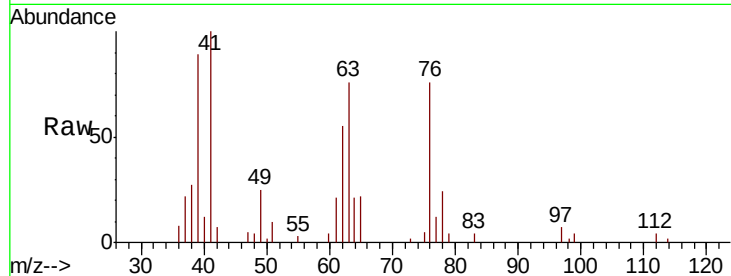




#45
 1,2-Dichloropropane
 Concen: 48.470 ug/l
 RT: 7.34 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

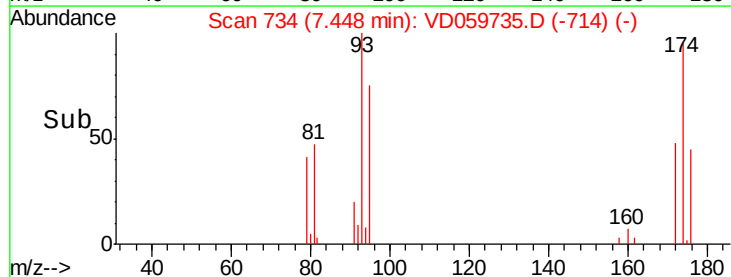
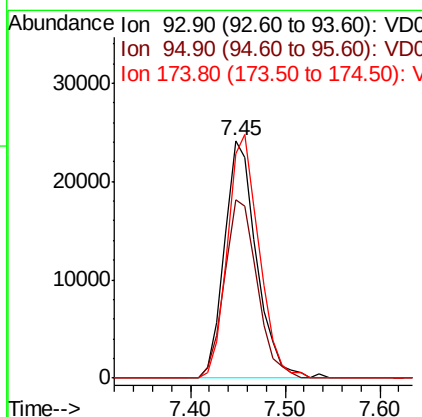
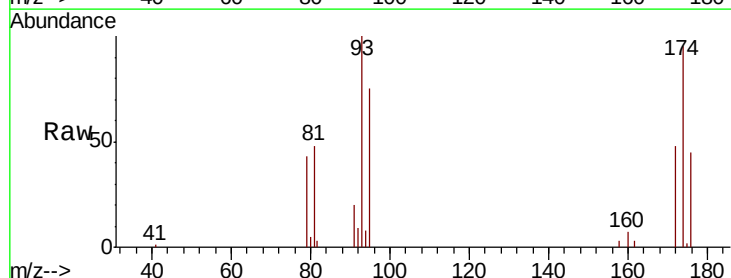
Instrument :
 MSVOA_D
 ClientSampleId :

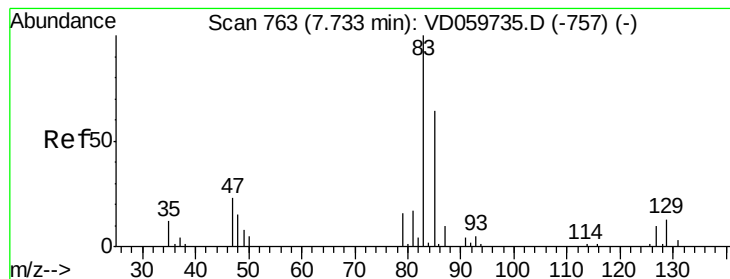
Tot Ion: 63 Resp: 50241
 Ion Ratio Lower Upper
 63 100
 65 28.7 23.0 34.4



#46
 Dibromomethane
 Concen: 60.839 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: 61.586 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 :

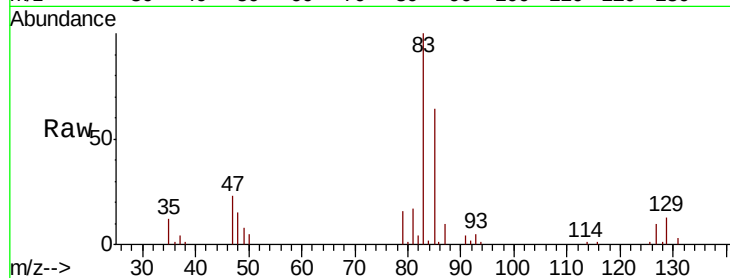
Tot Ion: 83 Resp: 146837

Ion Ratio Lower Upper

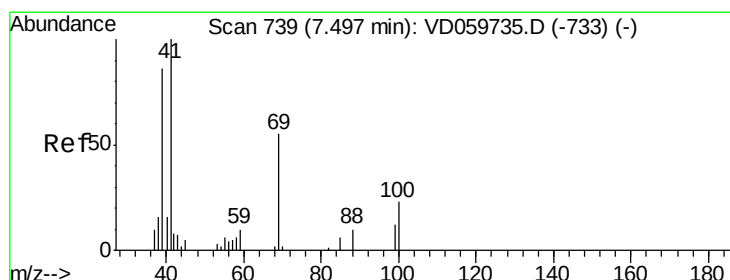
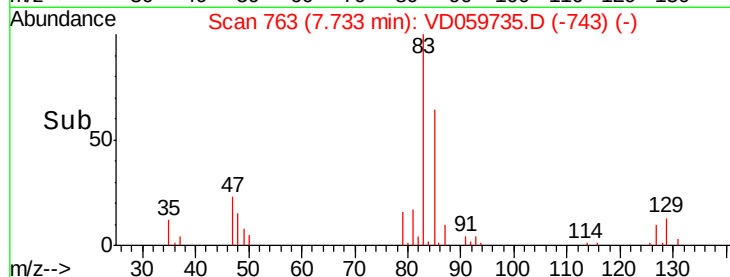
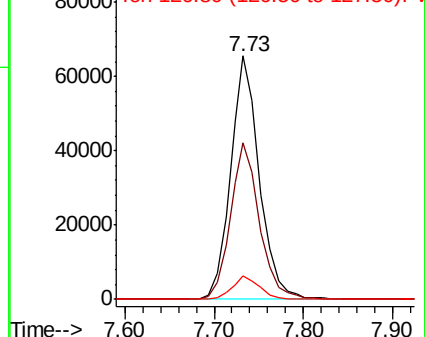
83 100

85 64.5 51.6 77.4

127 9.6 7.7 11.5



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): VDC



#48

Methyl methacrylate

Concen: 57.310 ug/l

RT: 7.50 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

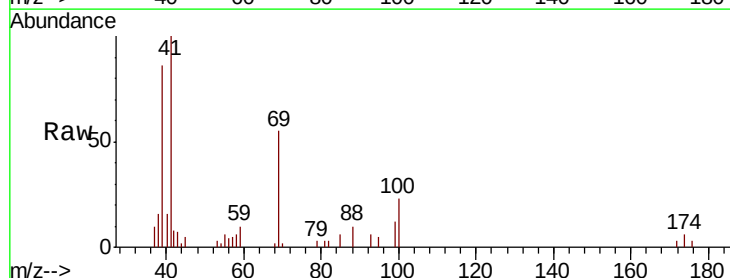
Tgt Ion: 41 Resp: 49810

Ion Ratio Lower Upper

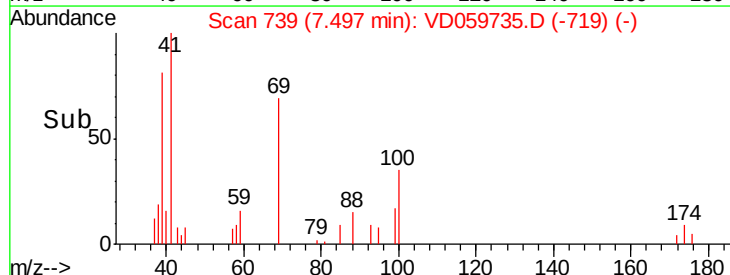
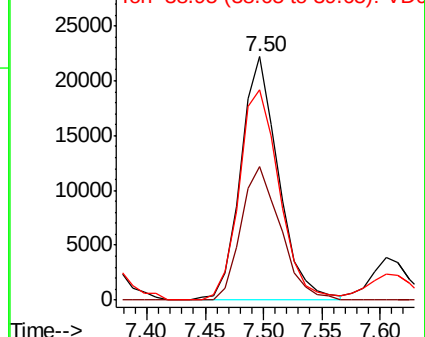
41 100

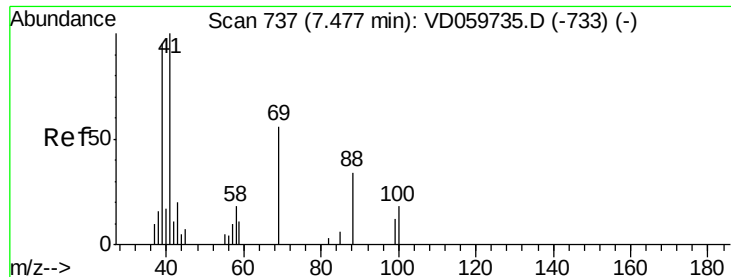
69 54.7 43.8 65.6

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

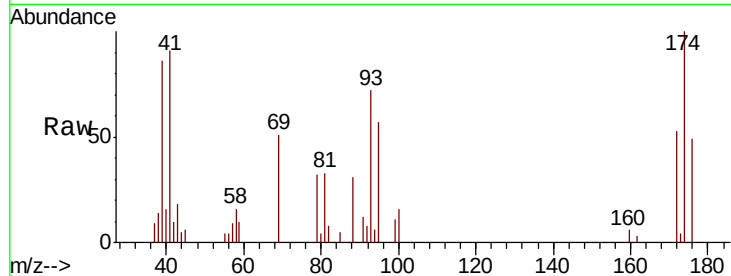




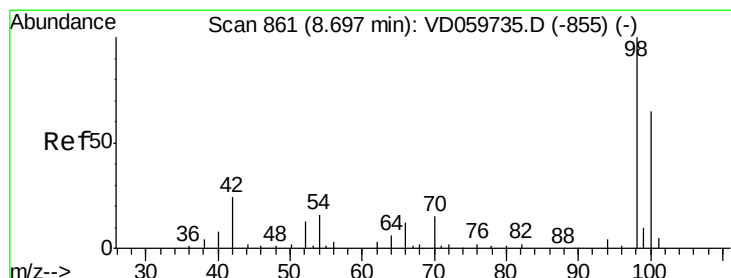
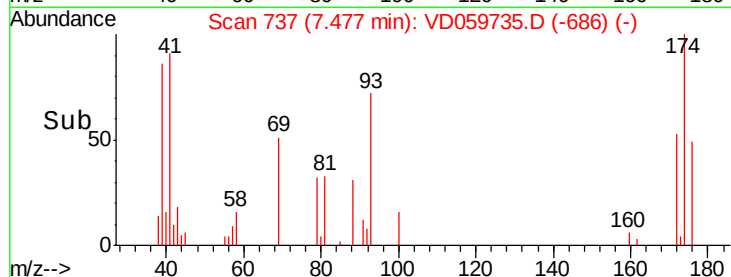
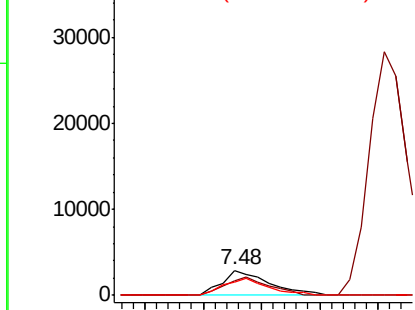
#49
1,4-Dioxane
Concen: 1212.700 ug/l
RT: 7.48 min Scan# 737
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 88 Resp: 8003
Ion Ratio Lower Upper
88 100
43 58.4 46.7 70.1
58 52.6 42.1 63.1

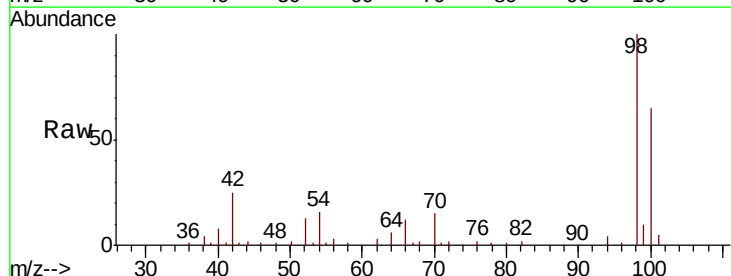


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

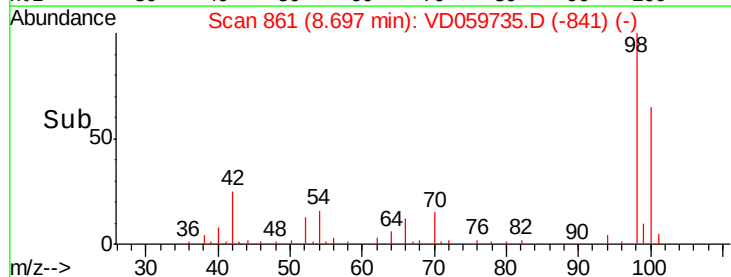
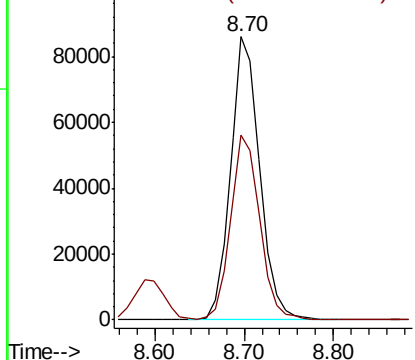


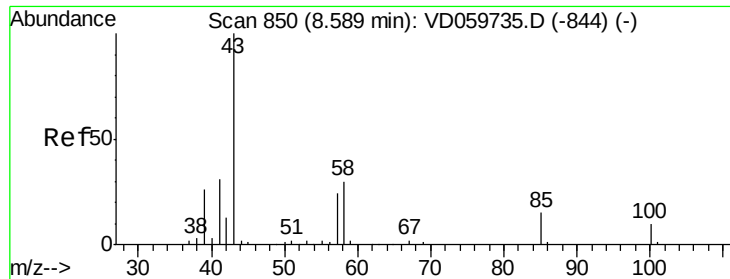
#50
Toluene-d8
Concen: 1212.700 ug/l
RT: 8.70 min Scan# 861
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion: 98 Resp: 195609
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: 292.406 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

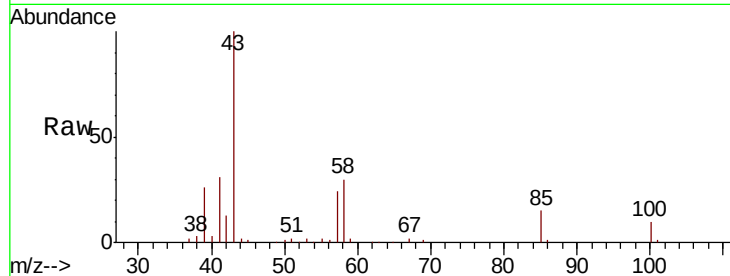
ClientSampleId :

Tot Ion: 43 Resp: 278624

Ion Ratio Lower Upper

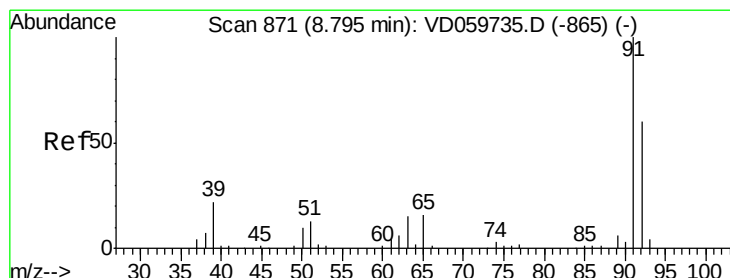
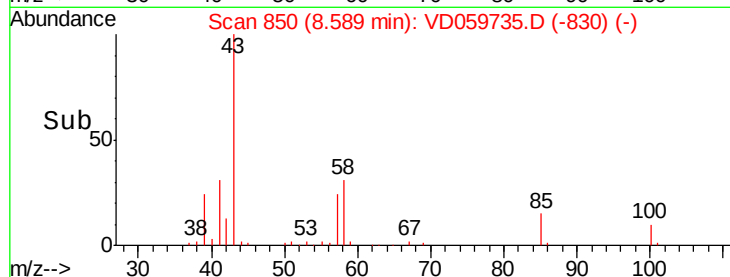
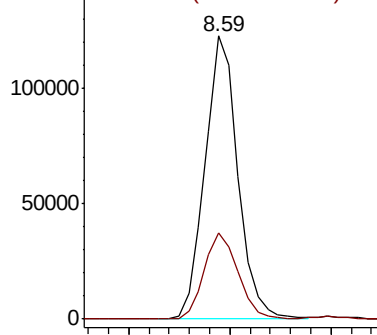
43 100

58 30.4 24.3 36.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 49.066 ug/l

RT: 8.80 min Scan# 871

Delta R.T. 0.00 min

Lab File: VD059735.D

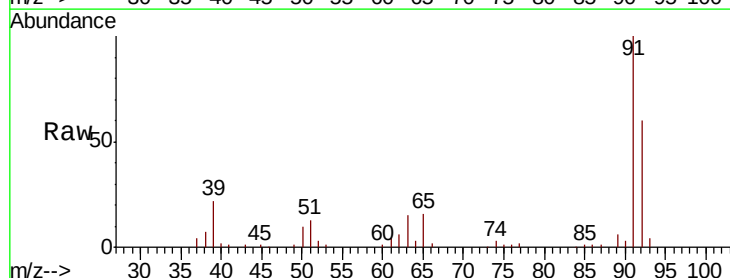
Acq: 10 Aug 2018 18:09

Tgt Ion: 92 Resp: 123567

Ion Ratio Lower Upper

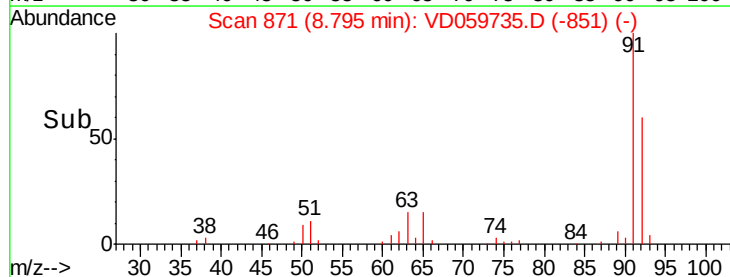
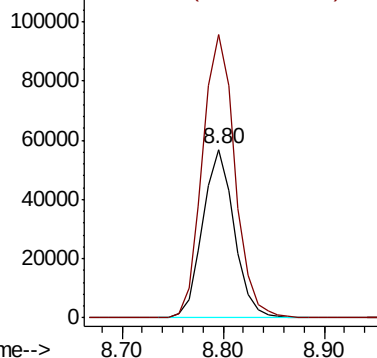
92 100

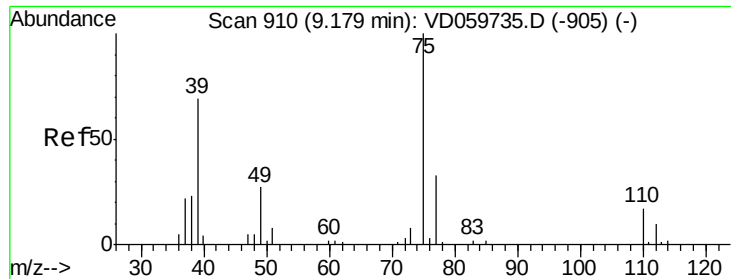
91 168.0 134.4 201.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

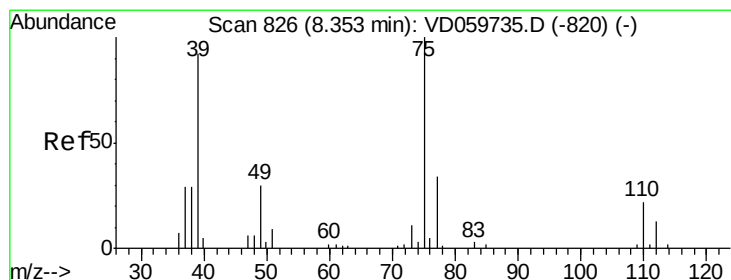
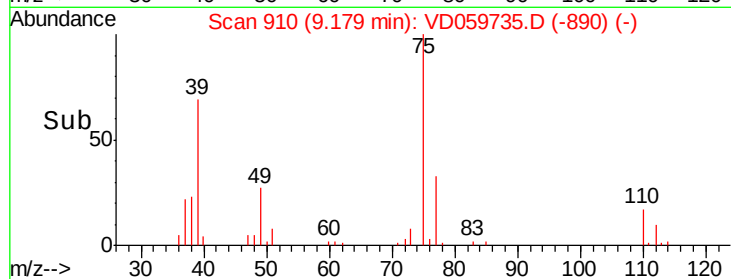
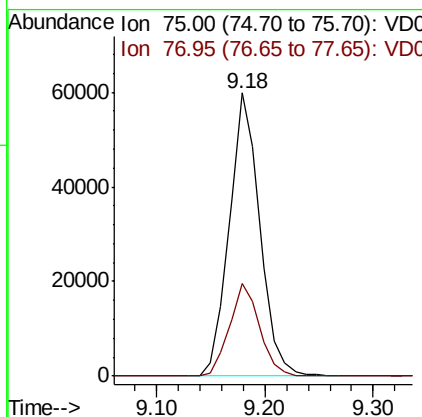
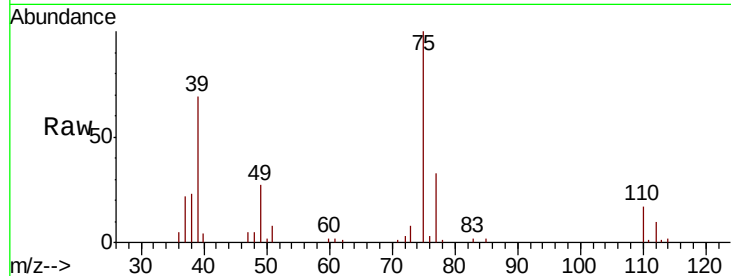




#53
t-1,3-Dichloropropene
Concen: 58.589 ug/l
RT: 9.18 min Scan# 910
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

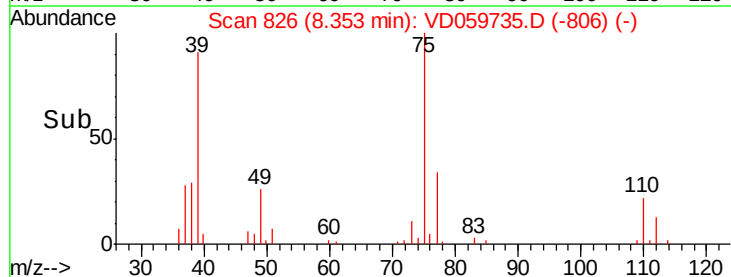
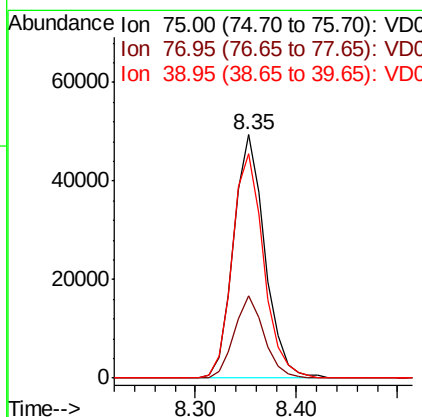
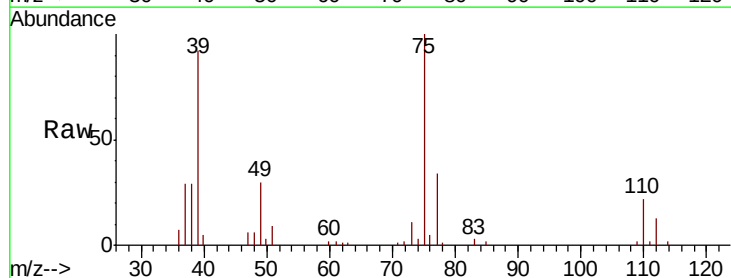
Instrument :
MSVOA_D
ClientSampleId :

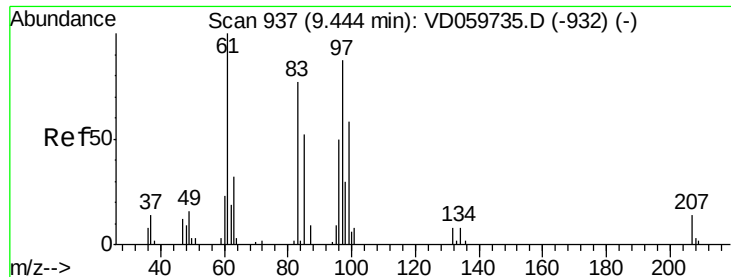
Tot Ion: 75 Resp: 116816
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 52.604 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

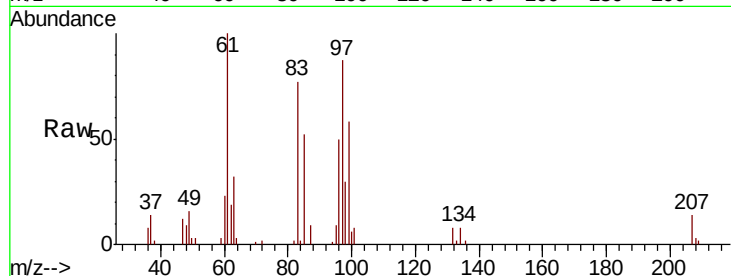




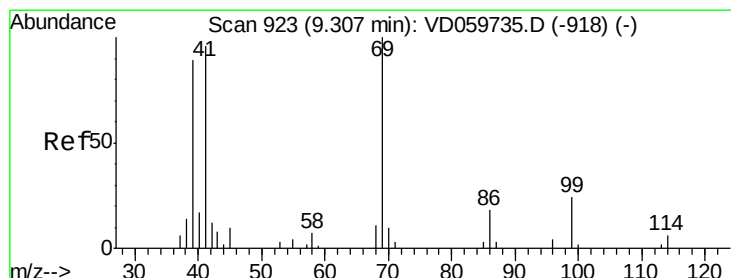
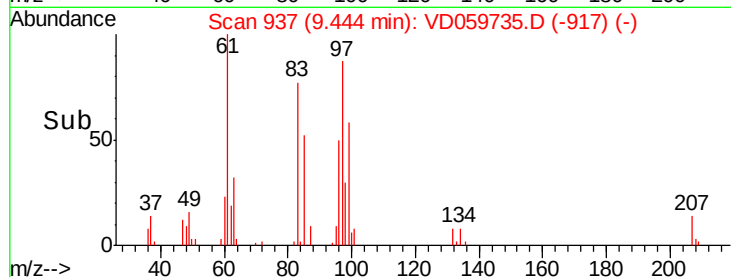
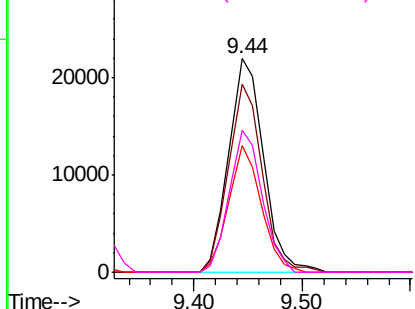
#55
 1,1,2-Trichloroethane
 Concen: 50.499 ug/l
 RT: 9.44 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Instrument :
 MSVOA_D
 ClientSampleId :

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

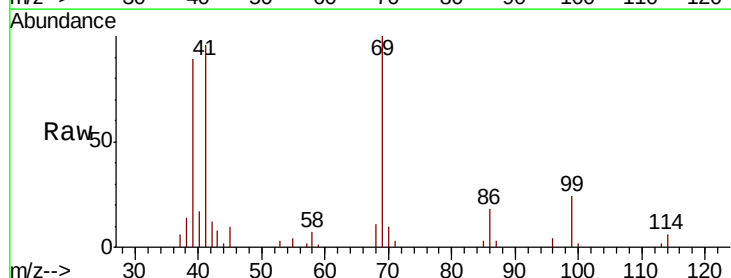


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

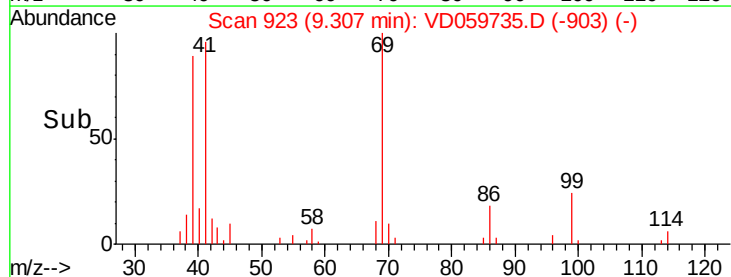
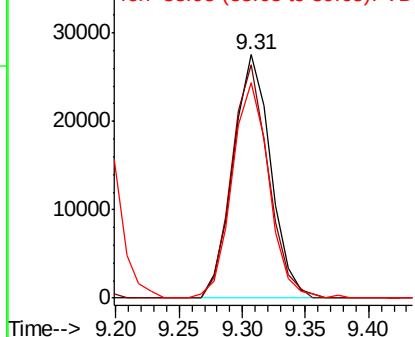


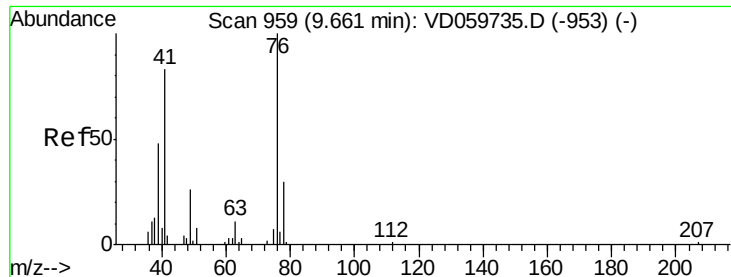
#56
 Ethyl methacrylate
 Concen: 53.274 ug/l
 RT: 9.31 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

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



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 55.540 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

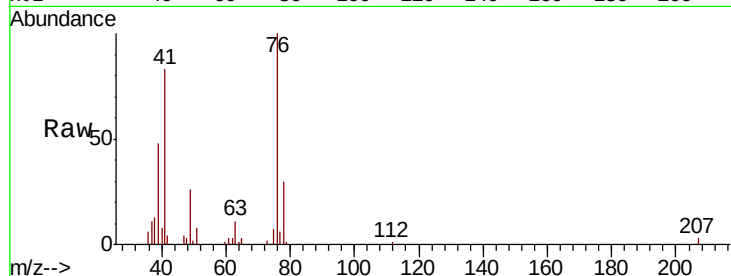
ClientSampleId :

Tot Ion: 76 Resp: 84668

Ion Ratio Lower Upper

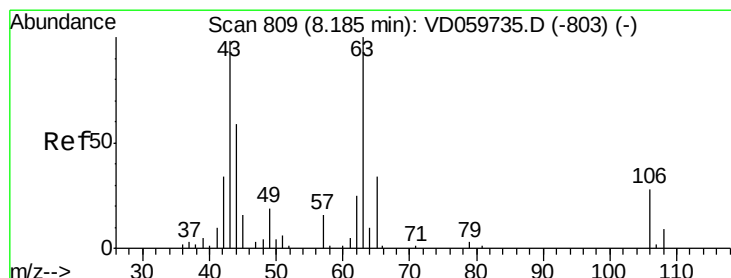
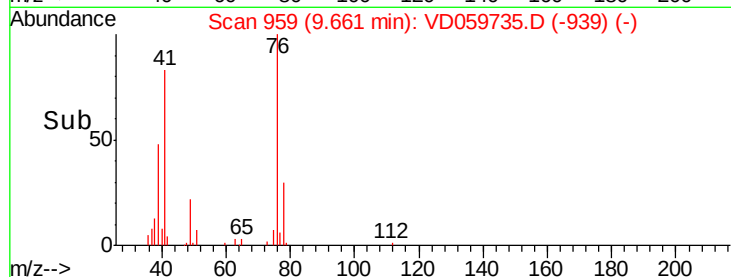
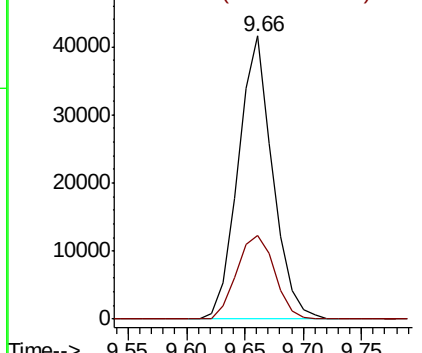
76 100

78 29.8 23.8 35.8



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: 262.762 ug/l

RT: 8.19 min Scan# 809

Delta R.T. 0.00 min

Lab File: VD059735.D

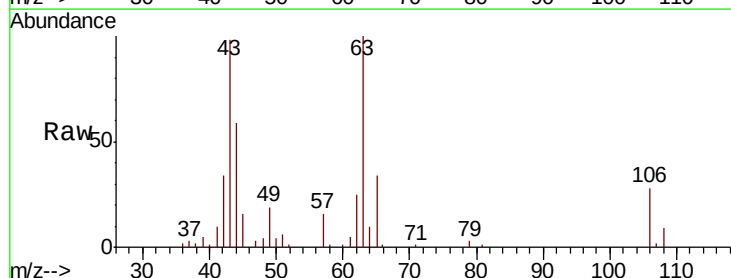
Acq: 10 Aug 2018 18:09

Tgt Ion: 63 Resp: 135323

Ion Ratio Lower Upper

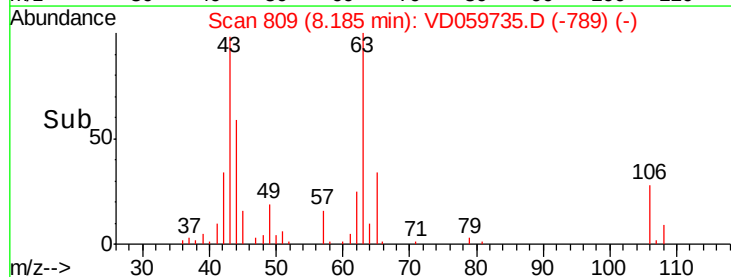
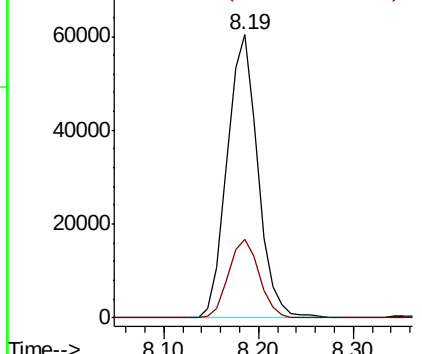
63 100

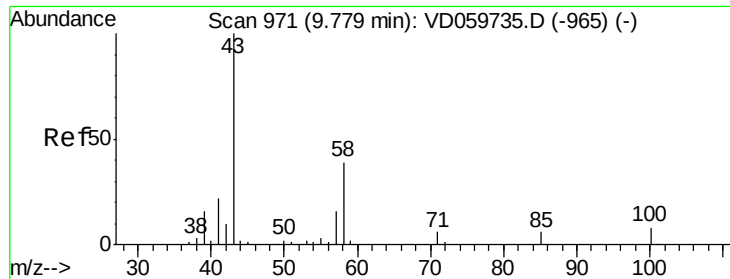
106 27.7 22.2 33.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

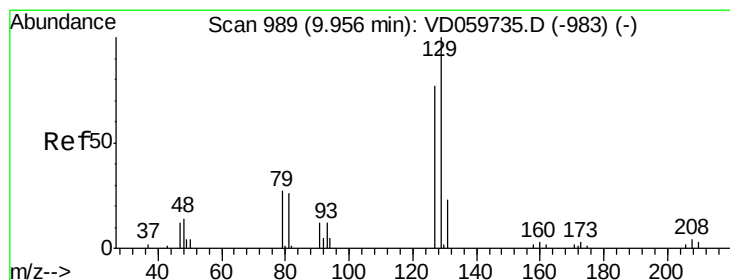
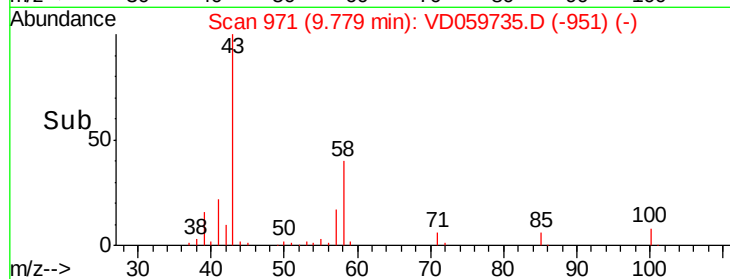
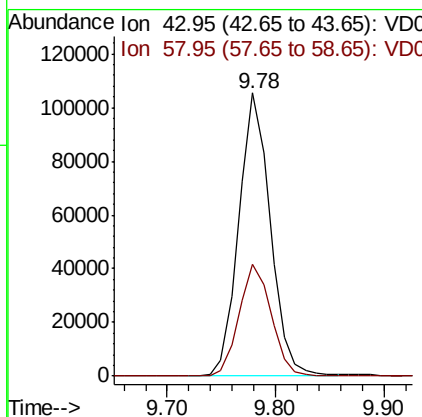
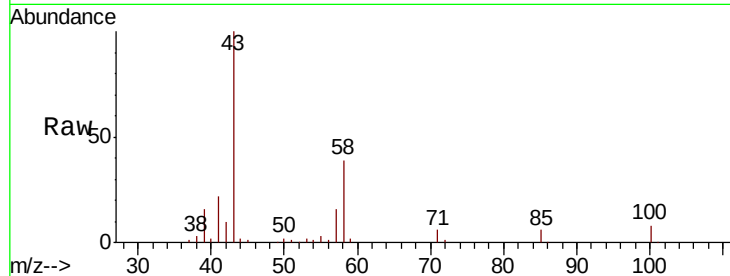




#59
2-Hexanone
Concen: 298.939 ug/l
RT: 9.78 min Scan# 971
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

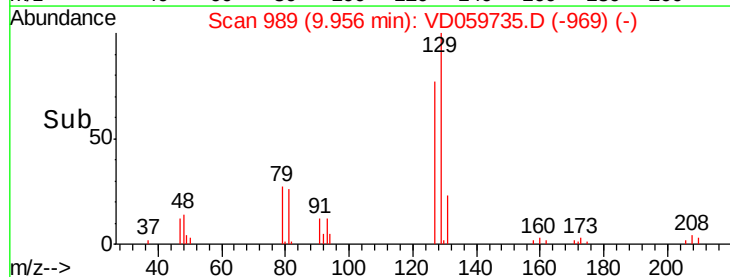
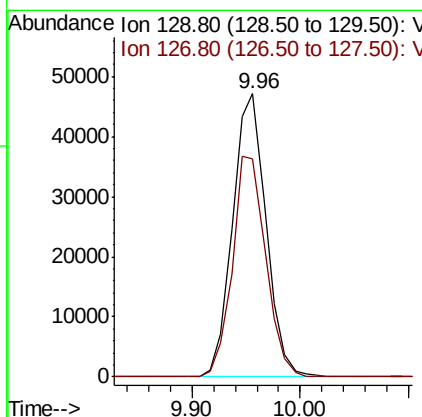
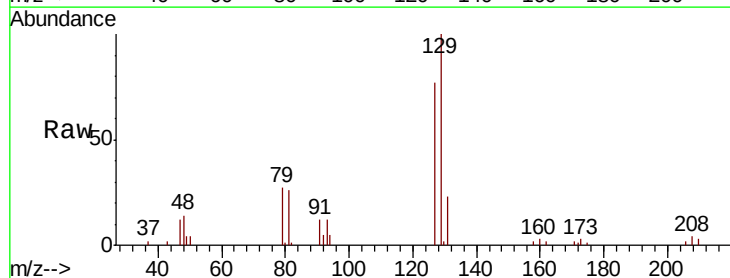
Instrument :
MSVOA_D
ClientSampleId :

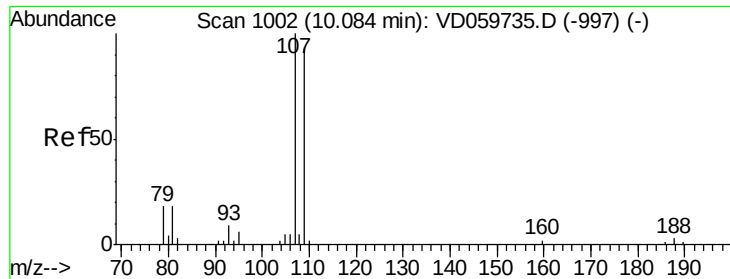
Tot Ion: 43 Resp: 214113
Ion Ratio Lower Upper
43 100
58 39.5 19.8 59.3



#60
Dibromochloromethane
Concen: 63.125 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:129 Resp: 100577
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7





#61

1,2-Dibromoethane

Concen: 57.644 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

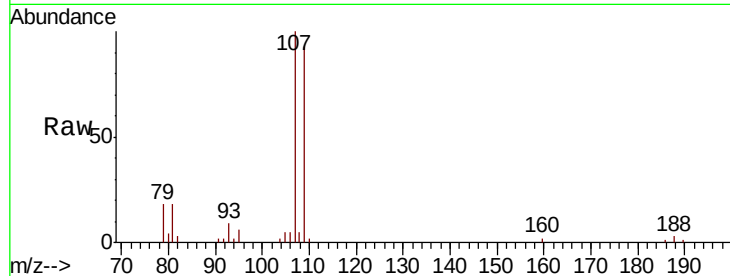
ClientSampleId :

Tot Ion:107 Resp: 65199

Ion Ratio Lower Upper

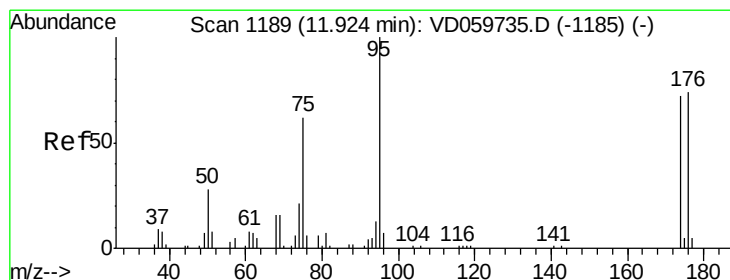
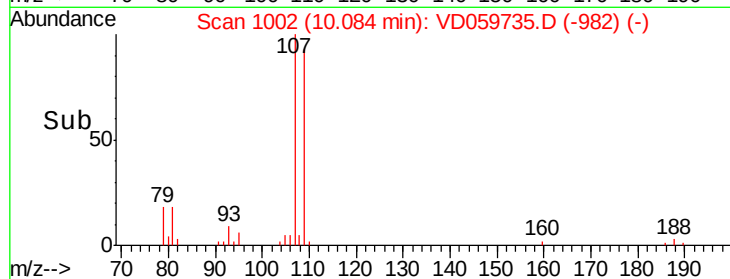
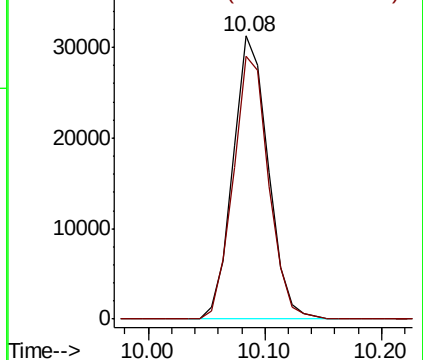
107 100

109 92.9 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 57.644 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

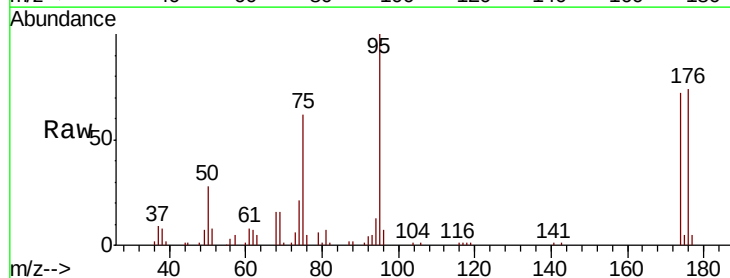
Tgt Ion: 95 Resp: 102065

Ion Ratio Lower Upper

95 100

174 71.6 0.0 143.2

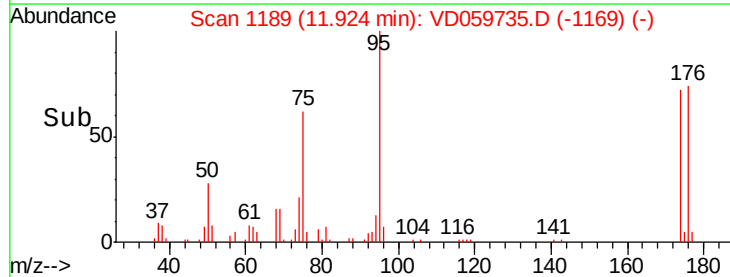
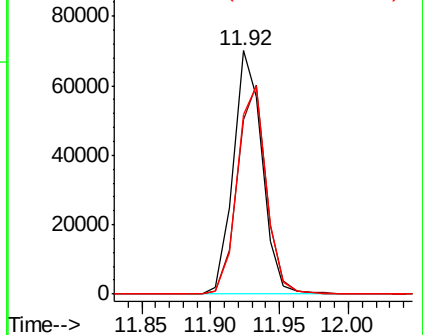
176 73.6 0.0 147.2

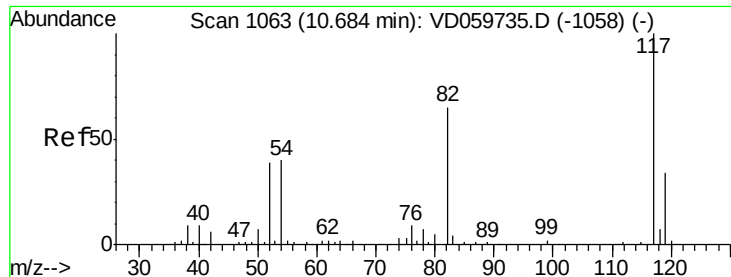


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

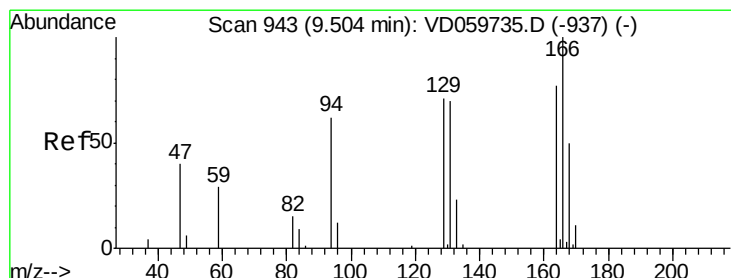
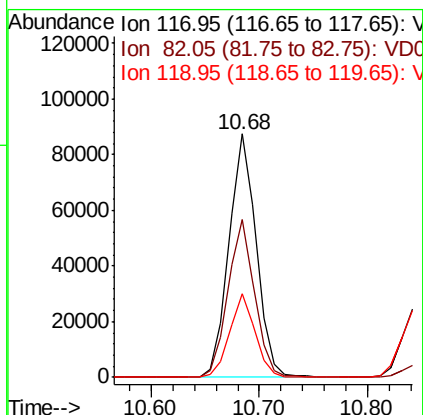
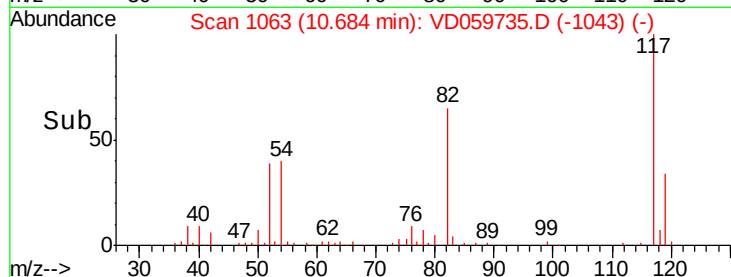
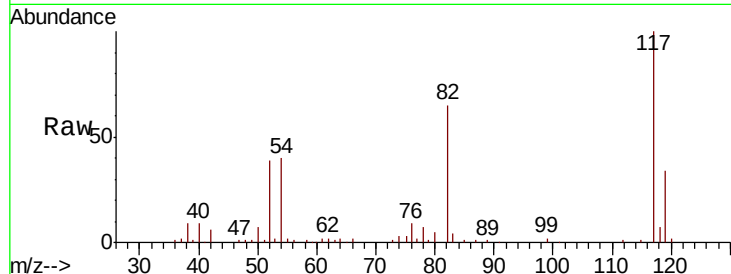




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

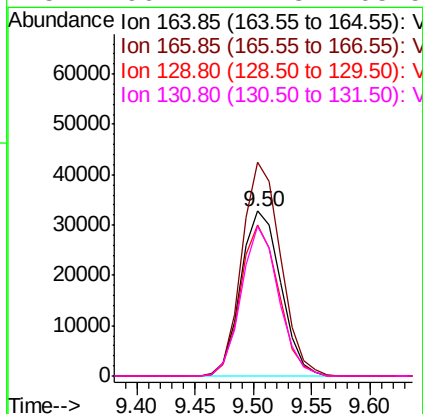
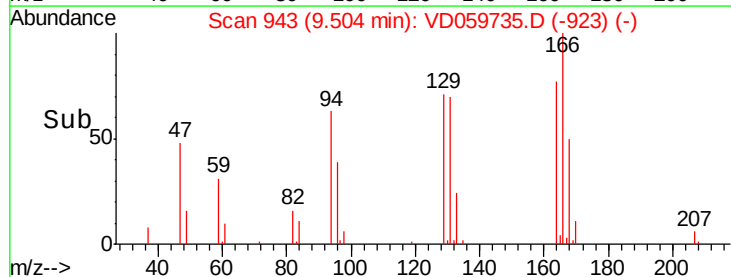
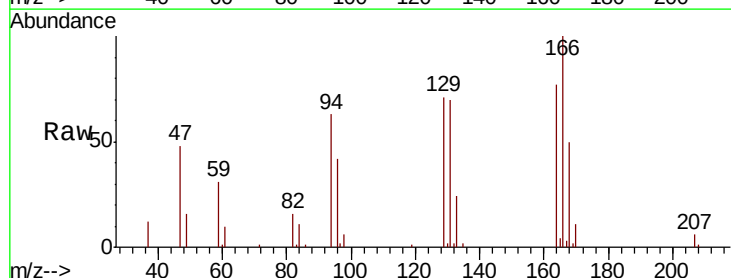
Instrument :
MSVOA_D
ClientSampled :

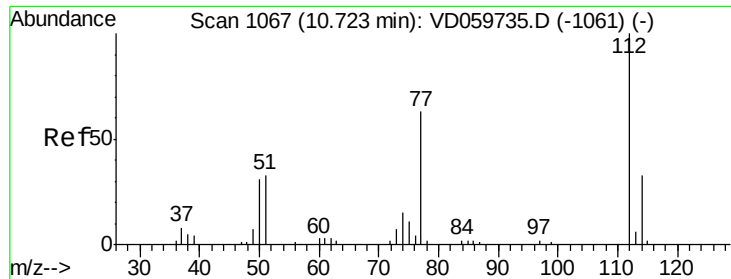
Tot Ion:117 Resp: 153050
Ion Ratio Lower Upper
117 100
82 64.9 51.9 77.9
119 34.2 27.4 41.0



#64
Tetrachloroethene
Concen: 53.360 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:164 Resp: 77631
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

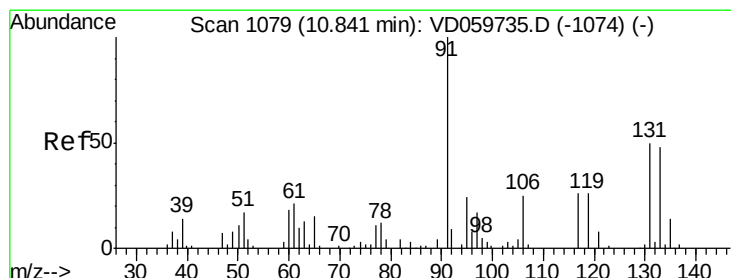
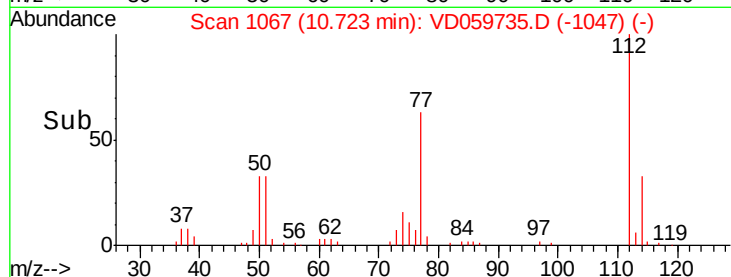
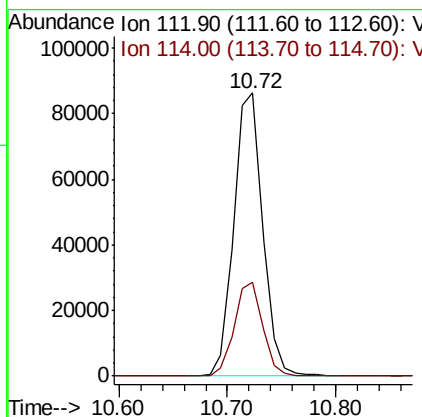
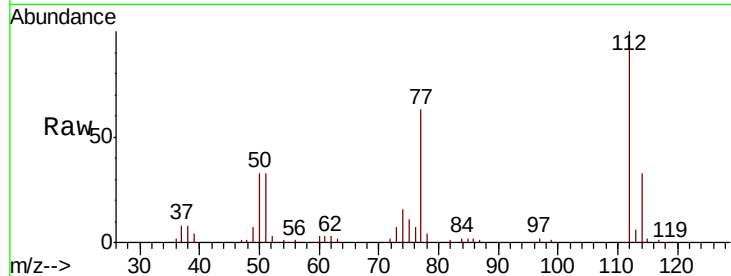




#65
Chlorobenzene
Concen: 49.705 ug/l
RT: 10.72 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

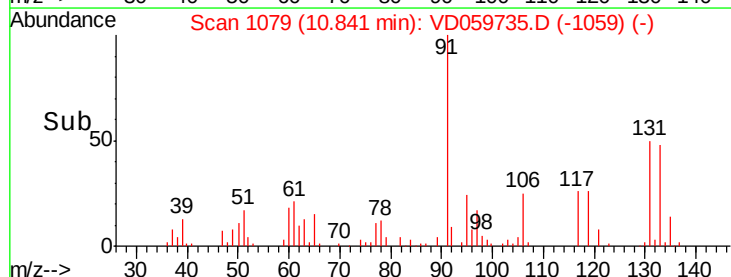
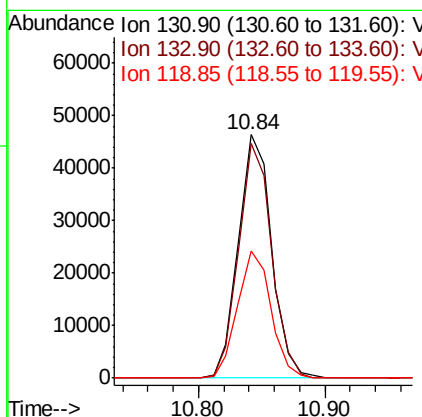
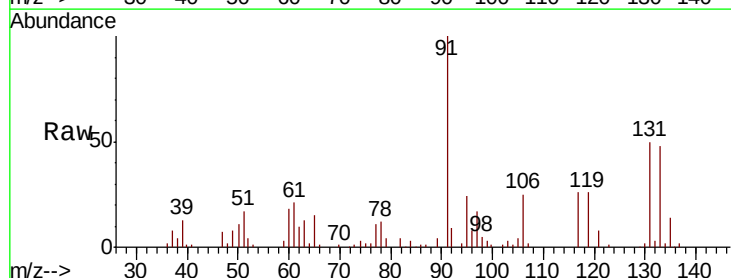
Instrument :
MSVOA_D
ClientSampled :

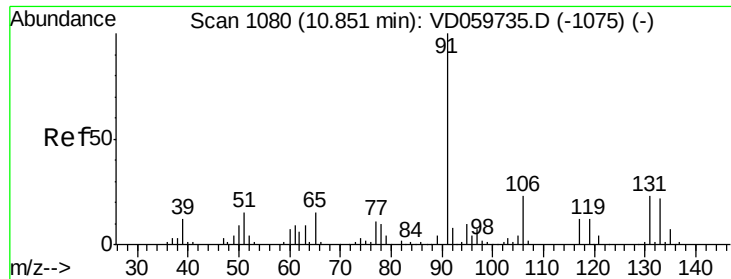
Tot Ion:112 Resp: 160021
Ion Ratio Lower Upper
112 100
114 33.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 58.157 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

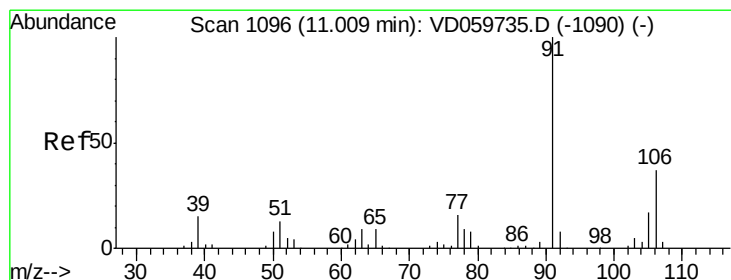
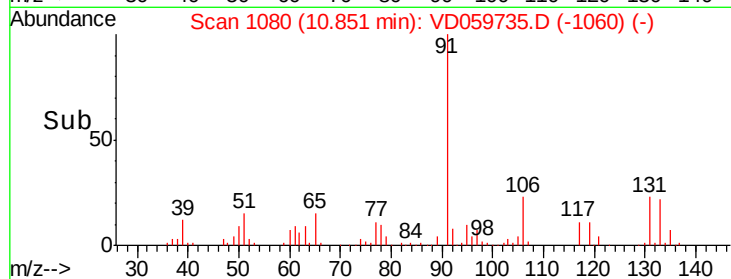
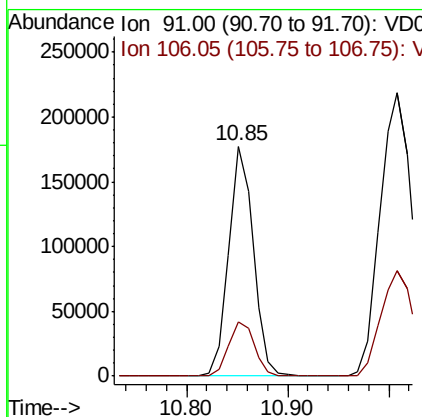
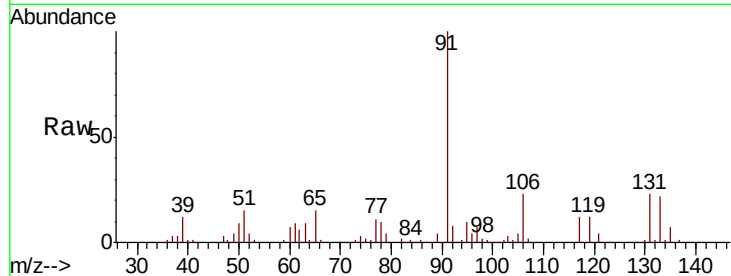




#67
Ethyl Benzene
Concen: 51.455 ug/l
RT: 10.85 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

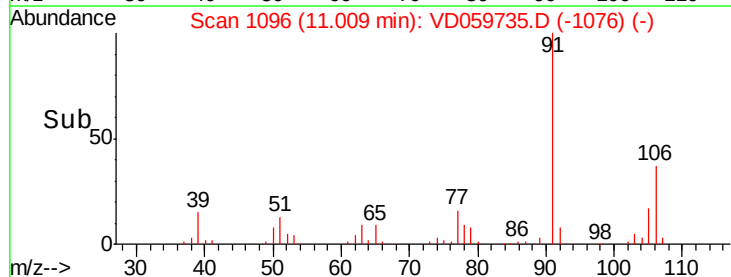
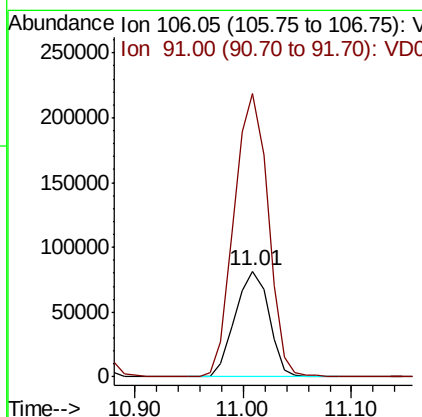
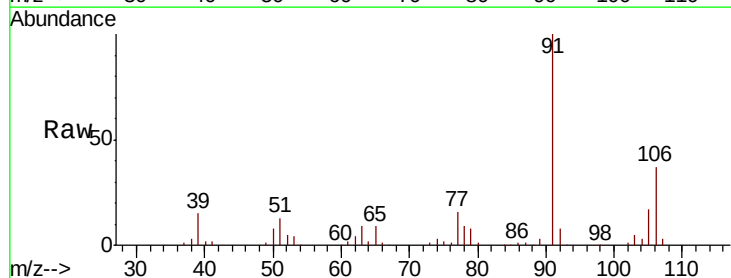
Instrument :
MSVOA_D
ClientSampled :

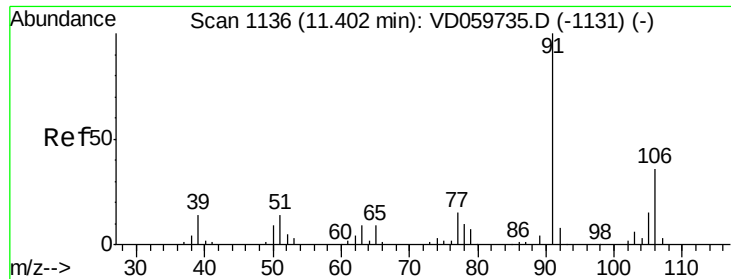
Tot Ion: 91 Resp: 300010
Ion Ratio Lower Upper
91 100
106 23.5 18.8 28.2



#68
m/p-Xylenes
Concen: 96.775 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

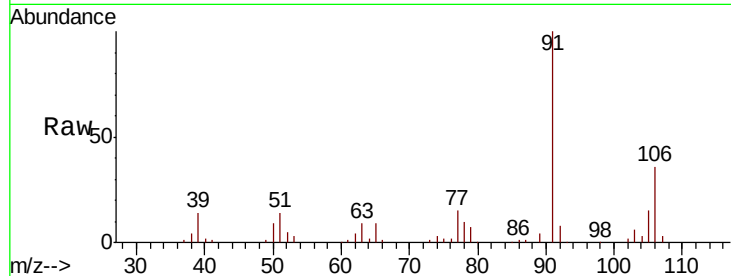




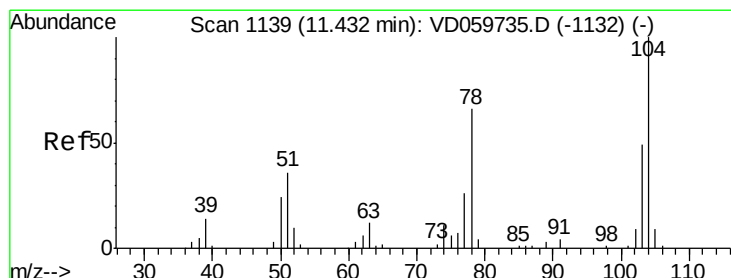
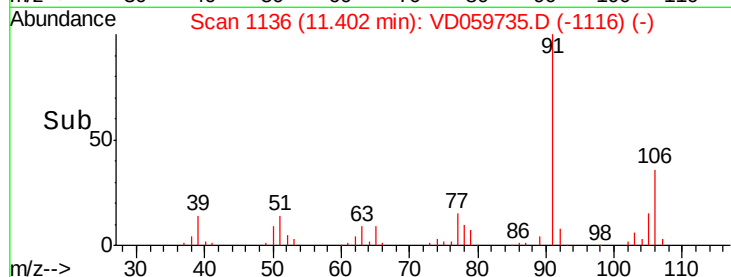
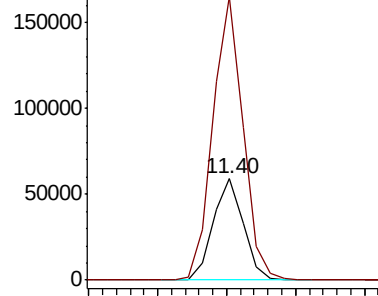
#69
o-Xylene
Concen: 50.098 ug/l
RT: 11.40 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :

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

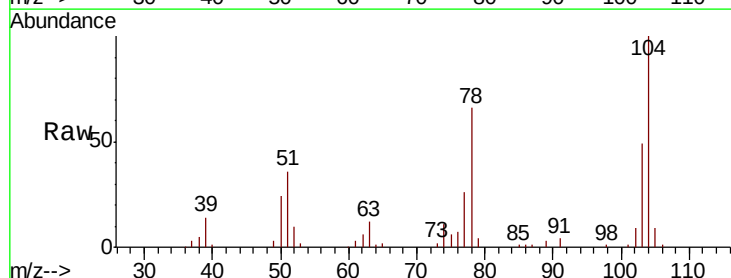


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

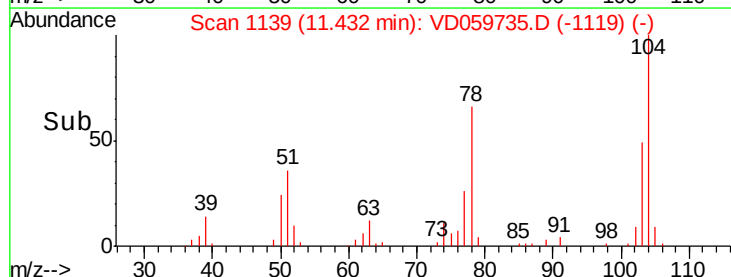
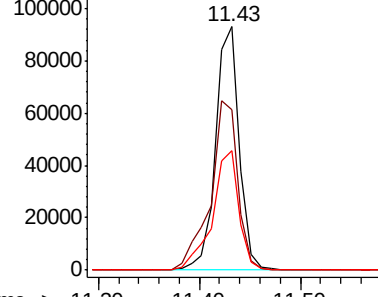


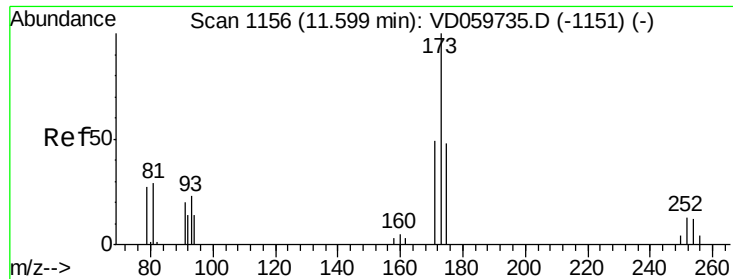
#70
Styrene
Concen: 50.256 ug/l
RT: 11.43 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

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

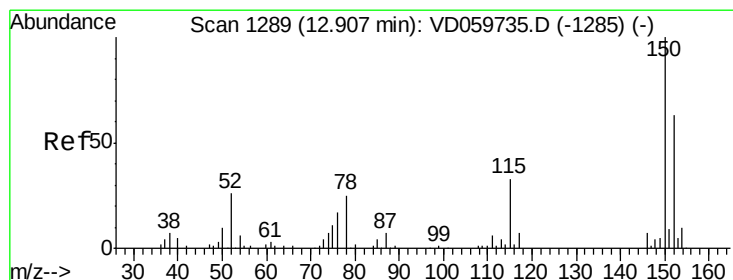
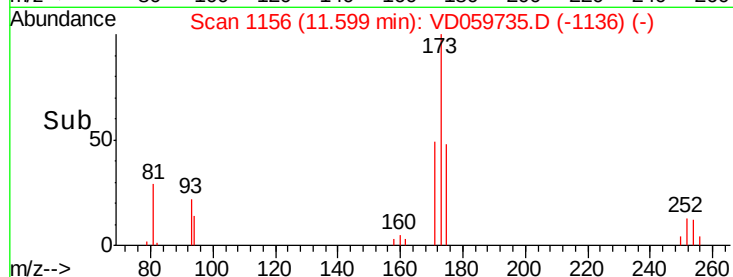
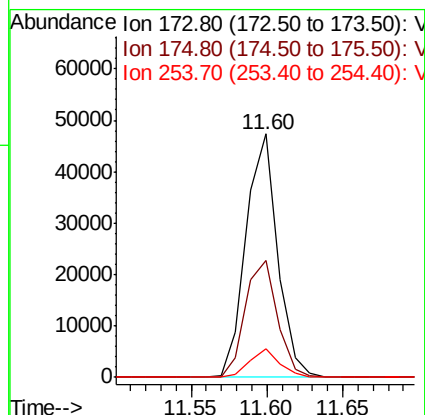
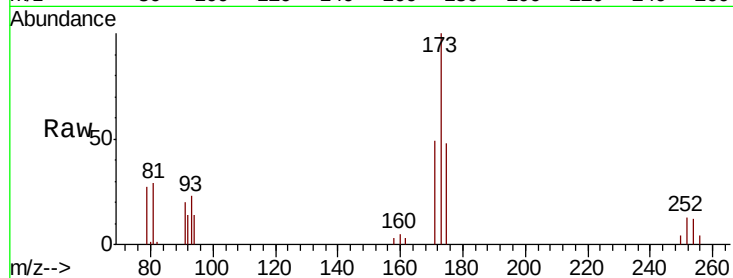




#71
Bromoform
Concen: 62.919 ug/l
RT: 11.60 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

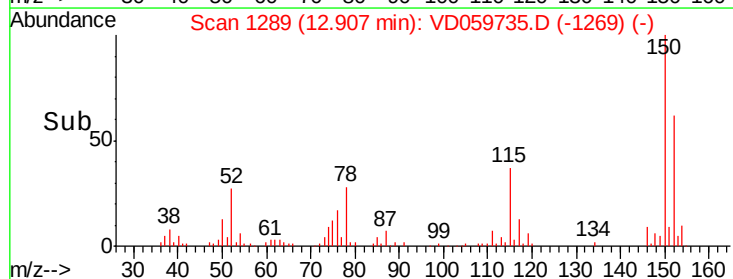
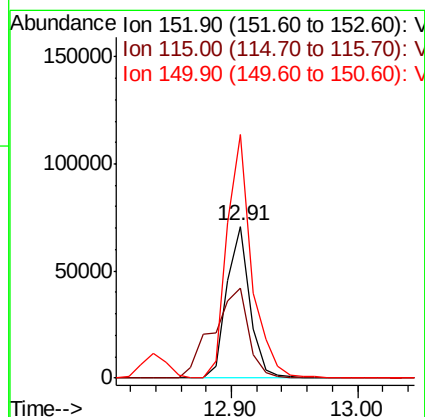
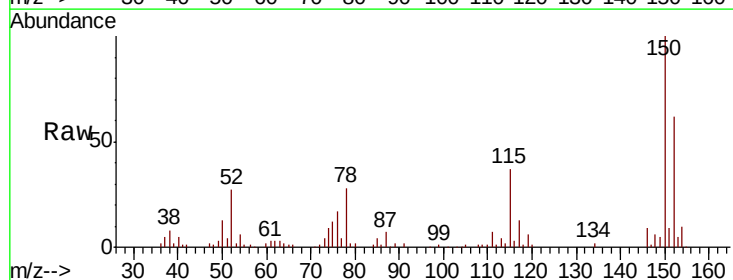
Instrument :
MSVOA_D
ClientSampleId :

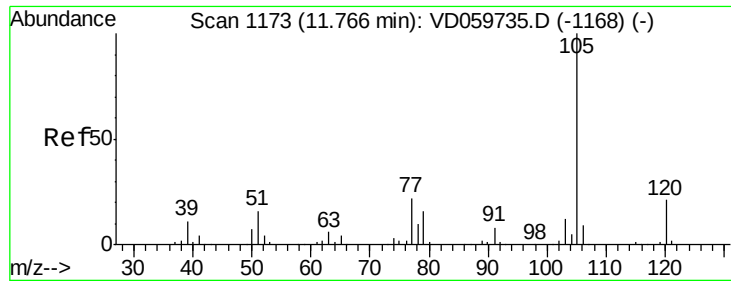
Tot Ion:173 Resp: 68954
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 11.6 9.3 13.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 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:152 Resp: 89251
Ion Ratio Lower Upper
152 100
115 59.5 29.8 89.3
150 160.2 0.0 320.4





#73

Isopropylbenzene

Concen: 51.101 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

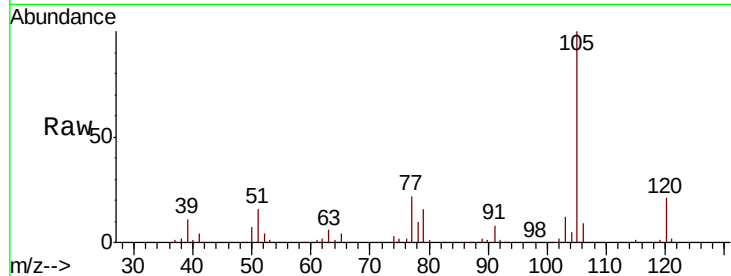
ClientSampleId :

Tot Ion:105 Resp: 302462

Ion Ratio Lower Upper

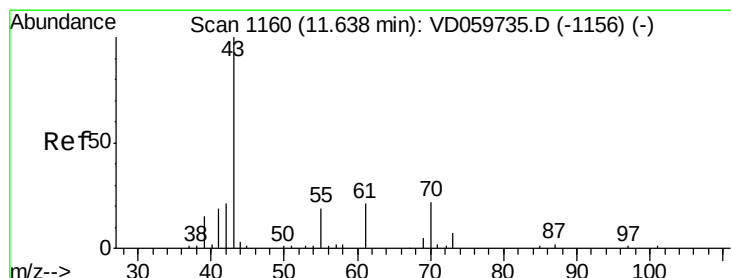
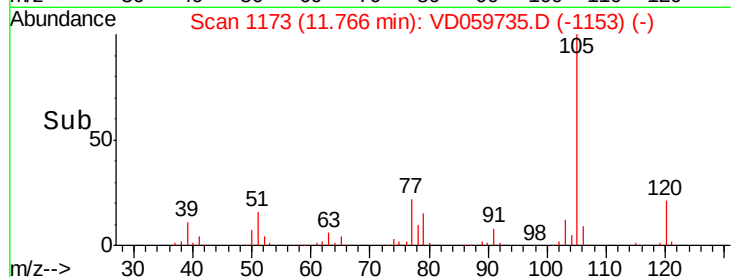
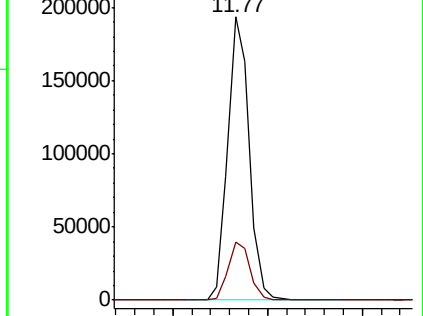
105 100

120 20.5 10.3 30.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 51.142 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

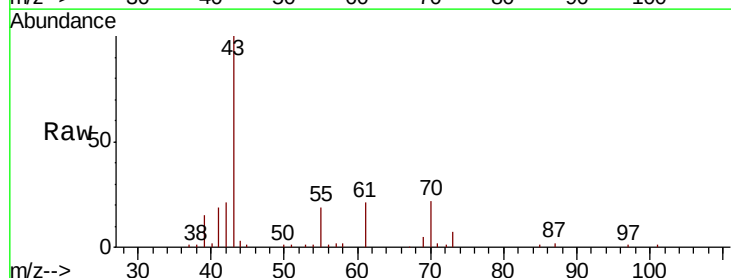
Ion Ratio Lower Upper

43 100

70 22.5 18.0 27.0

55 18.5 14.8 22.2

61 21.4 17.1 25.7

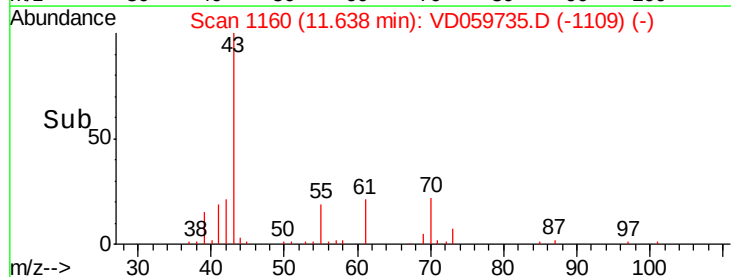
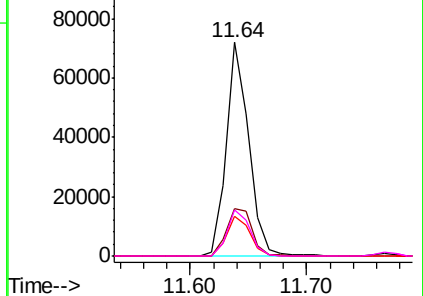


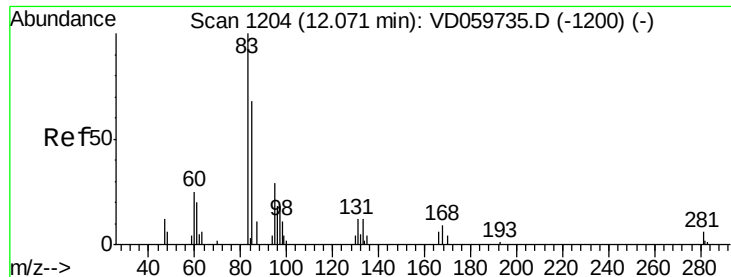
Abundance Ion 42.95 (42.65 to 43.65): VDC

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: 48.664 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

ClientSampled :

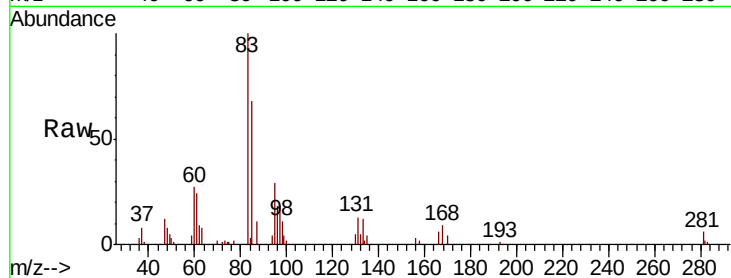
Tot Ion: 83 Resp: 57441

Ion Ratio Lower Upper

83 100

131 12.7 6.3 19.1

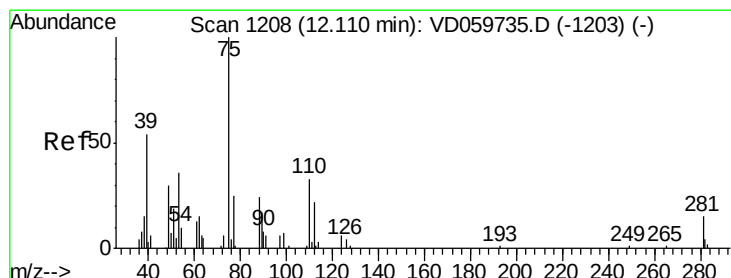
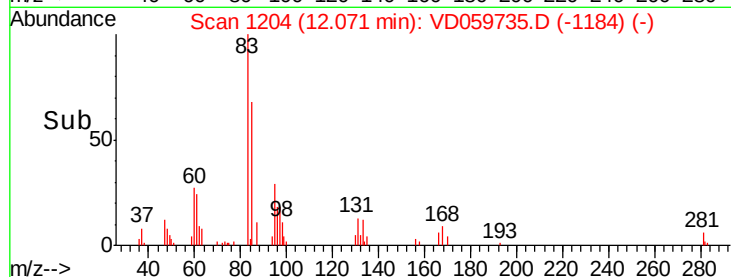
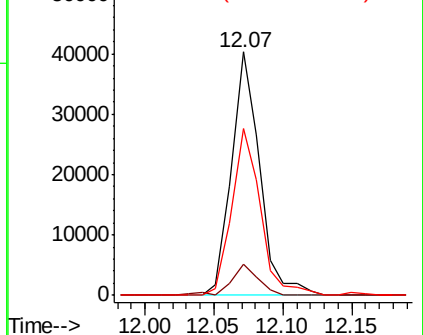
85 68.3 34.2 102.5



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 53.622 ug/l

RT: 12.11 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VD059735.D

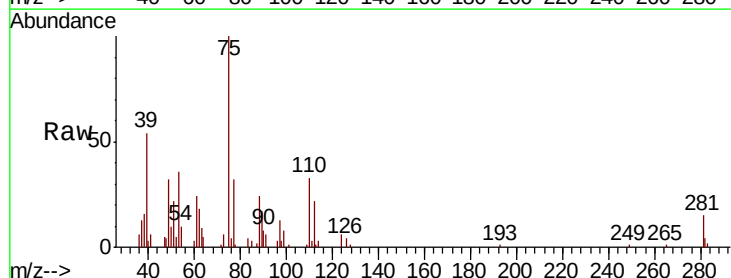
Acq: 10 Aug 2018 18:09

Tgt Ion: 75 Resp: 73594

Ion Ratio Lower Upper

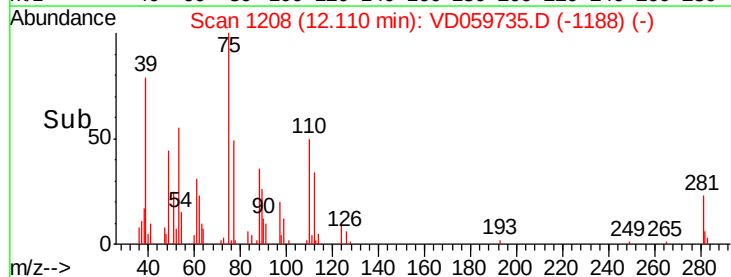
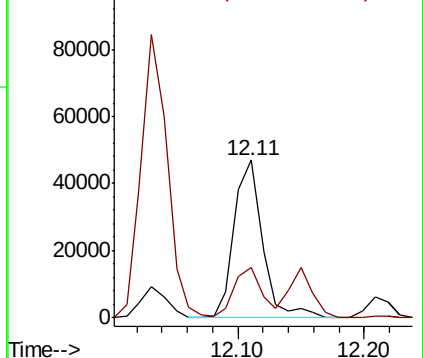
75 100

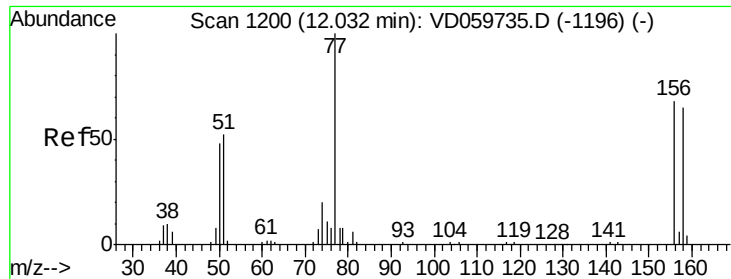
77 32.0 16.0 48.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 51.996 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 :

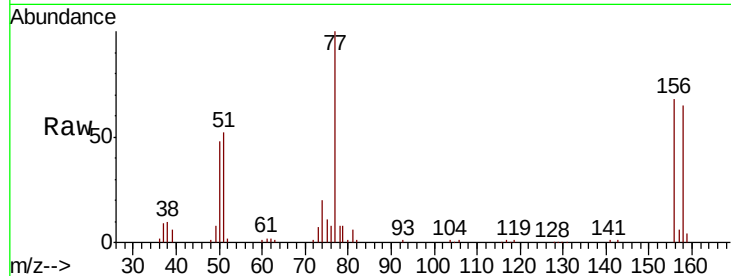
Tot Ion:156 Resp: 89940

Ion Ratio Lower Upper

156 100

77 146.5 73.3 219.8

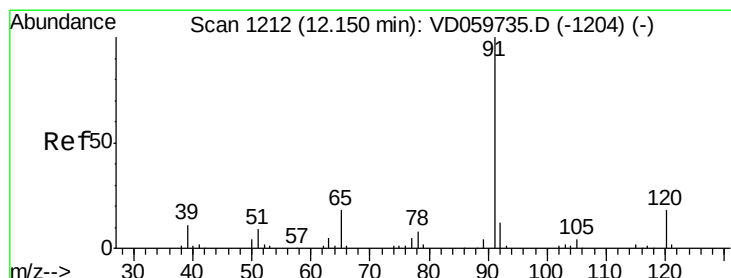
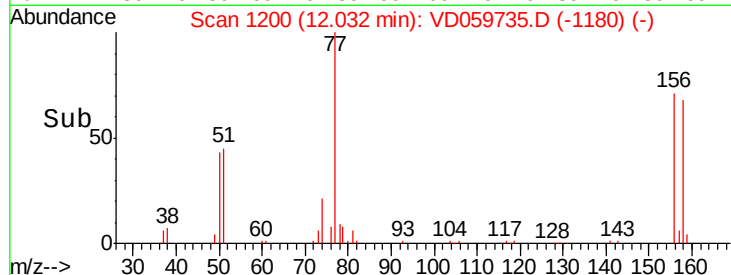
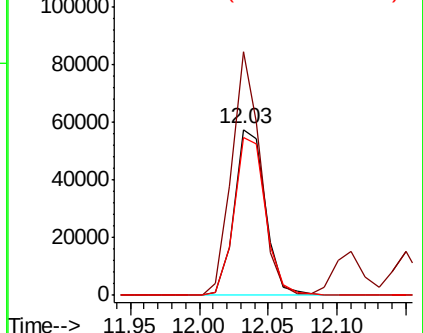
158 95.0 47.5 142.5



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: 50.034 ug/l

RT: 12.15 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VD059735.D

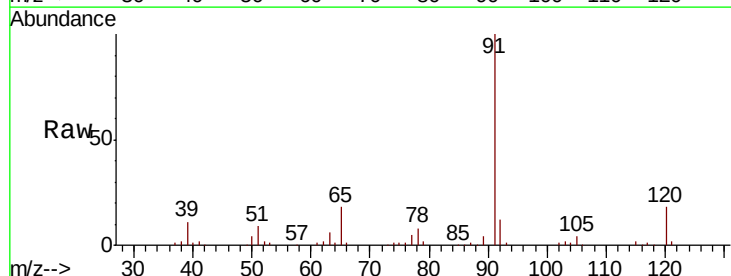
Acq: 10 Aug 2018 18:09

Tgt Ion: 91 Resp: 366540

Ion Ratio Lower Upper

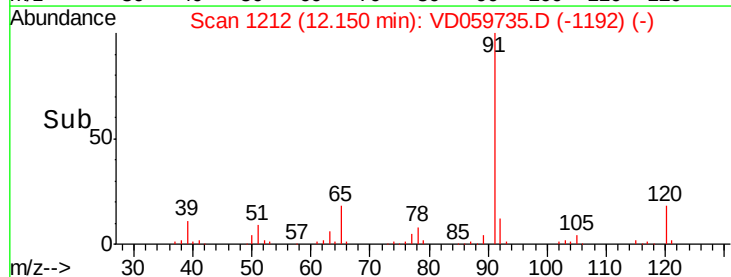
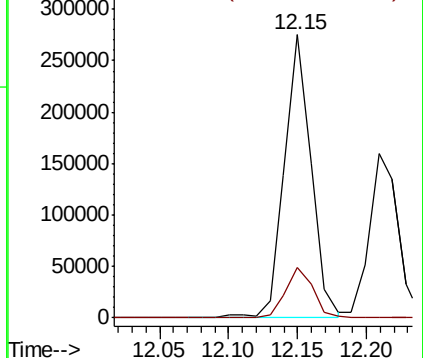
91 100

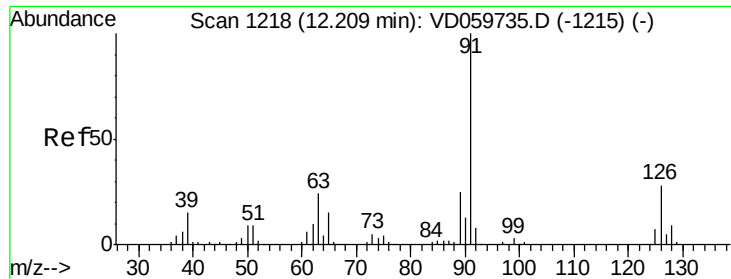
120 17.8 8.9 26.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

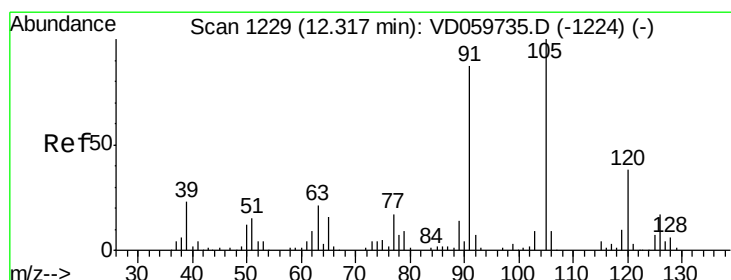
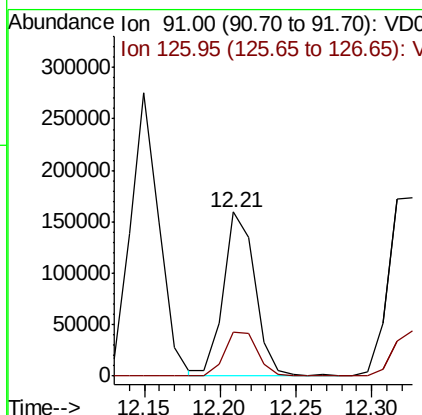
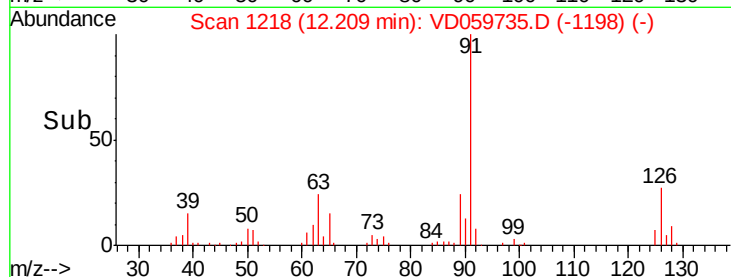
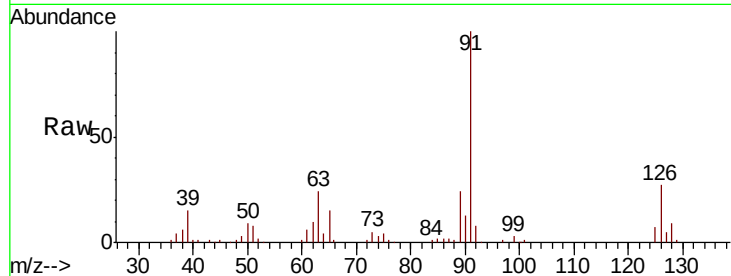




#79
 2-Chlorotoluene
 Concen: 51.577 ug/l
 RT: 12.21 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

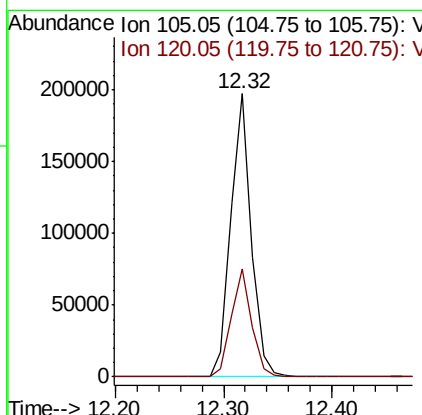
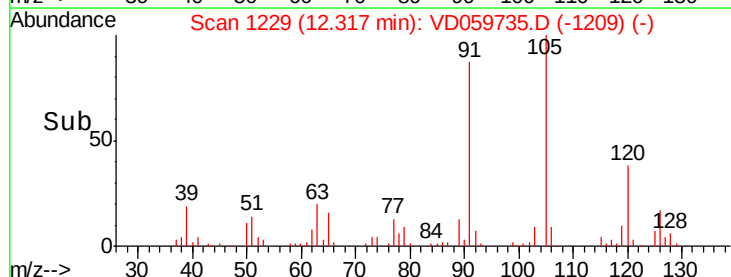
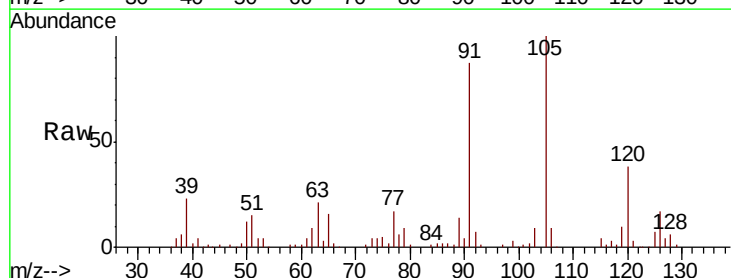
Instrument :
 MSVOA_D
 ClientSampleId :

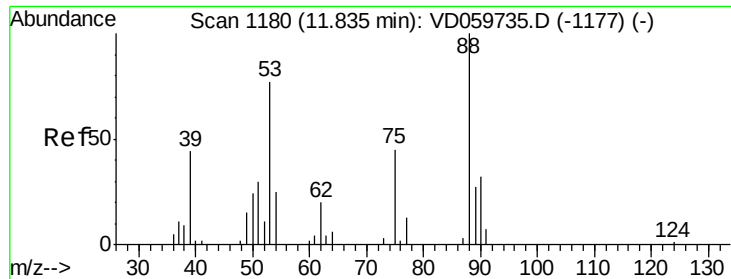
Tot Ion: 91 Resp: 229147
 Ion Ratio Lower Upper
 91 100
 126 26.6 13.3 39.9



#80
 1,3,5-Trimethylbenzene
 Concen: 52.396 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

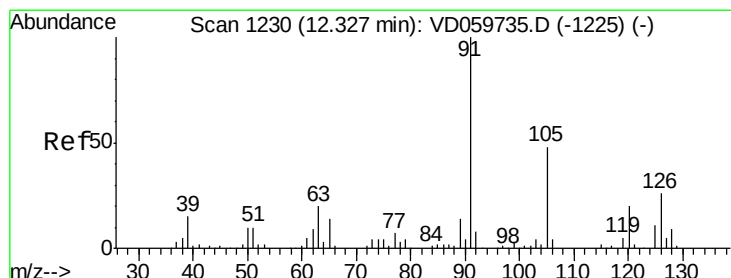
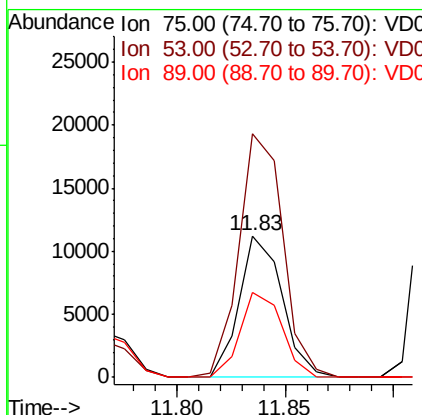
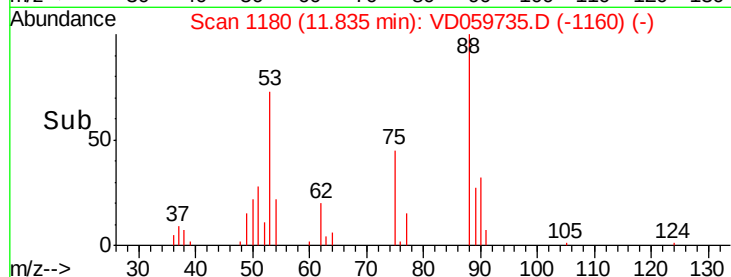
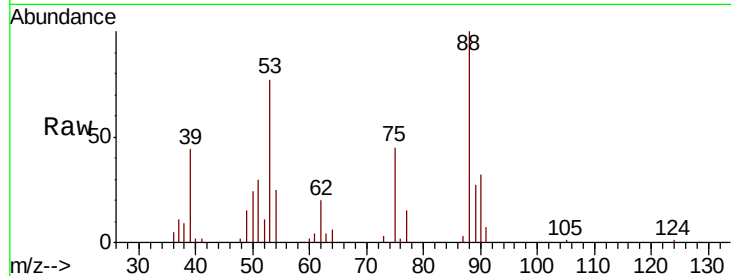




#81
trans-1,4-Dichloro-2-butene
Concen: 48.241 ug/l
RT: 11.83 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

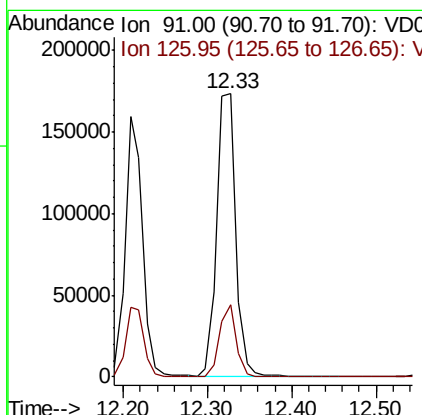
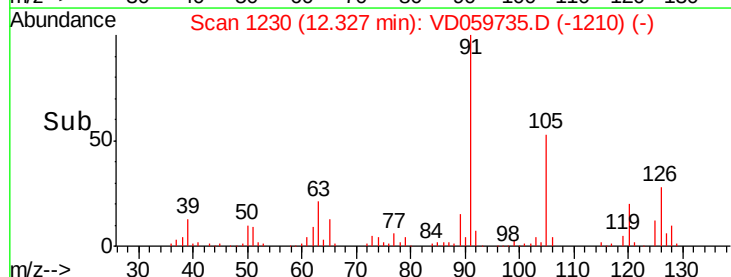
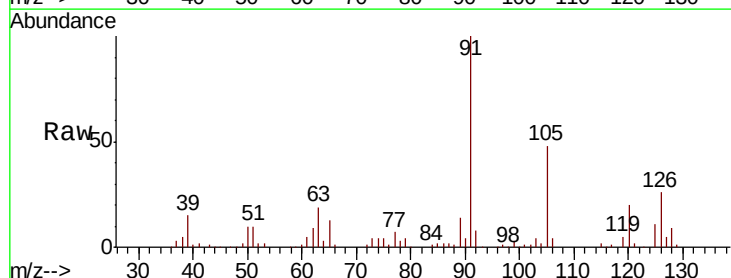
Instrument :
MSVOA_D
ClientSampleId :

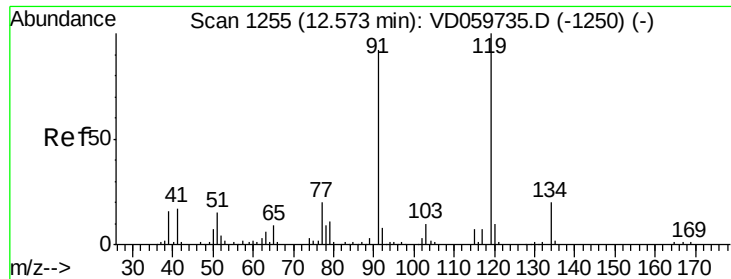
Tot Ion: 75 Resp: 15585
Ion Ratio Lower Upper
75 100
53 171.9 137.5 206.3
89 60.4 48.3 72.5



#82
4-Chlorotoluene
Concen: 52.443 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: 91 Resp: 273689
Ion Ratio Lower Upper
91 100
126 25.5 12.8 38.3





#83

tert-Butylbenzene

Concen: 50.021 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 :

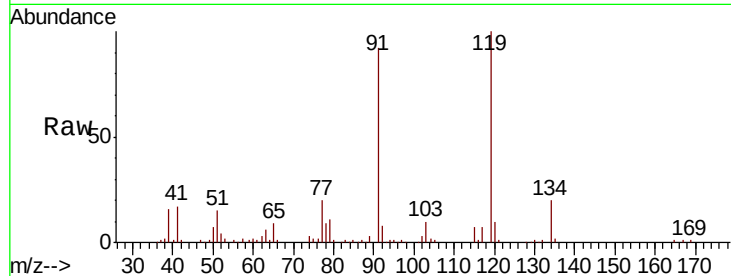
Tot Ion:119 Resp: 275516

Ion Ratio Lower Upper

119 100

91 92.1 46.1 138.2

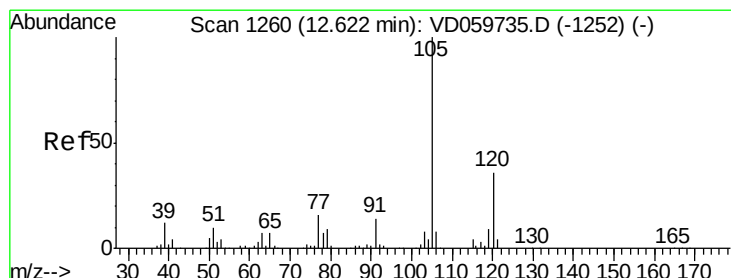
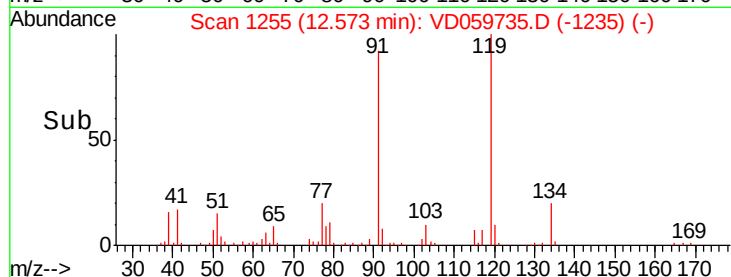
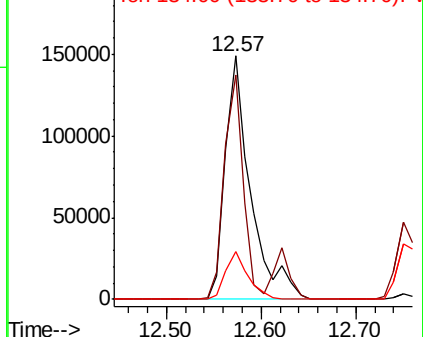
134 19.8 9.9 29.7



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.587 ug/l

RT: 12.62 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VD059735.D

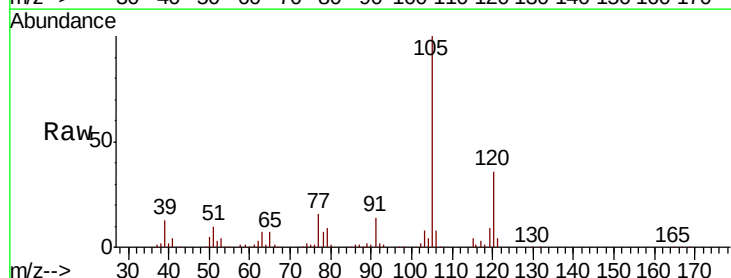
Acq: 10 Aug 2018 18:09

Tgt Ion:105 Resp: 276576

Ion Ratio Lower Upper

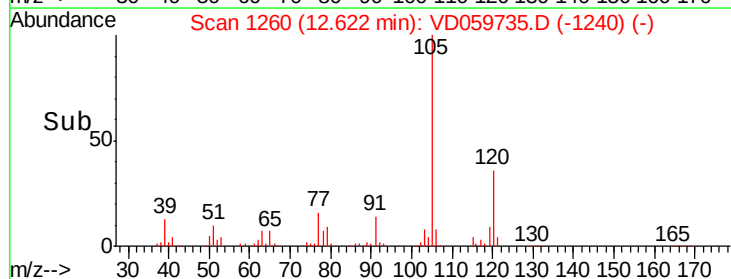
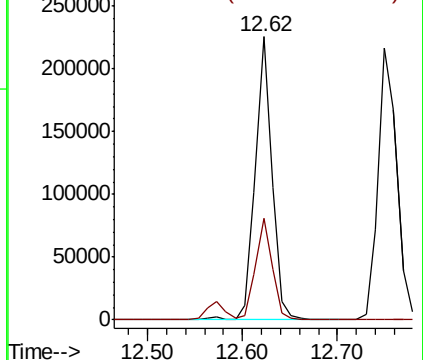
105 100

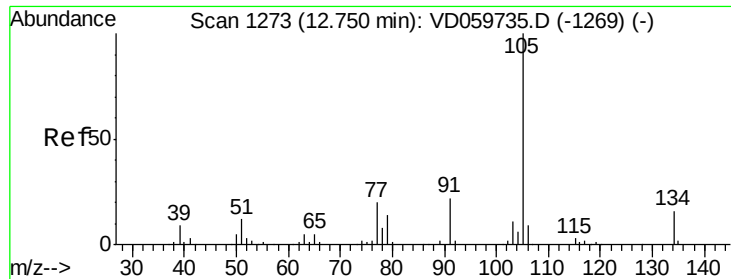
120 35.8 17.9 53.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

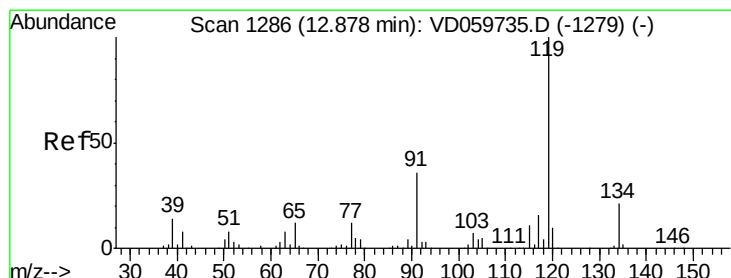
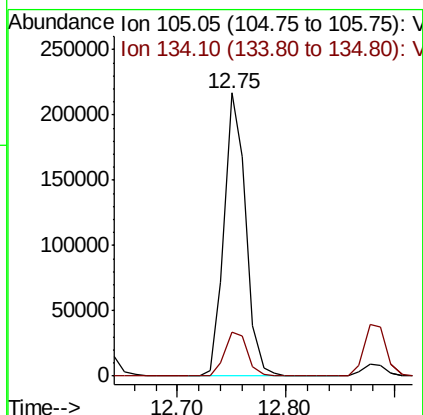
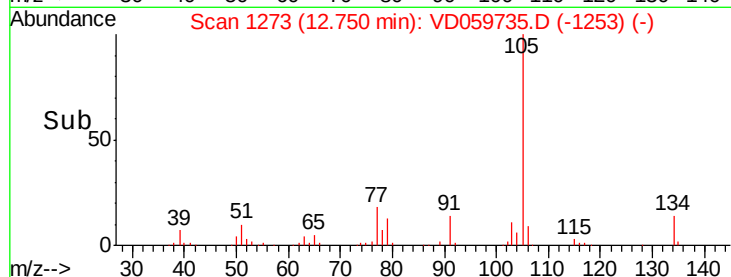
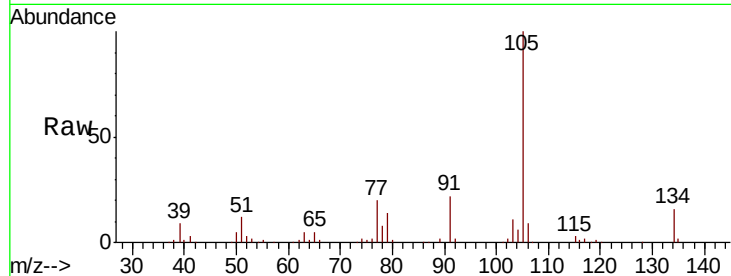




#85
 sec-Butylbenzene
 Concen: 49.306 ug/l
 RT: 12.75 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

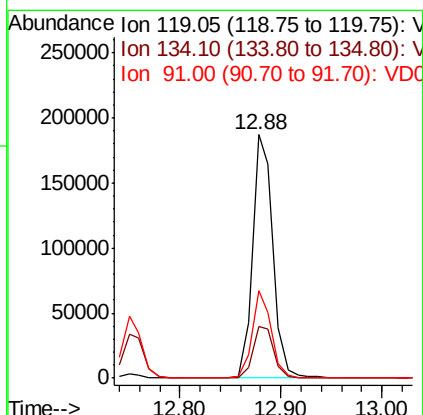
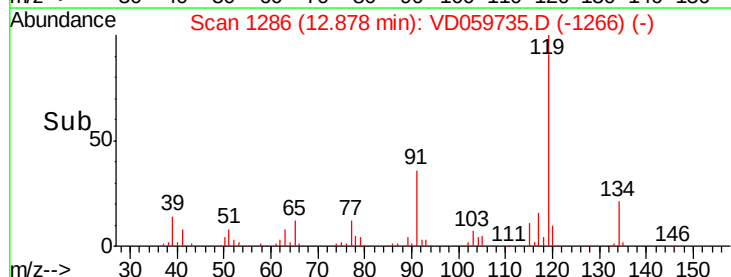
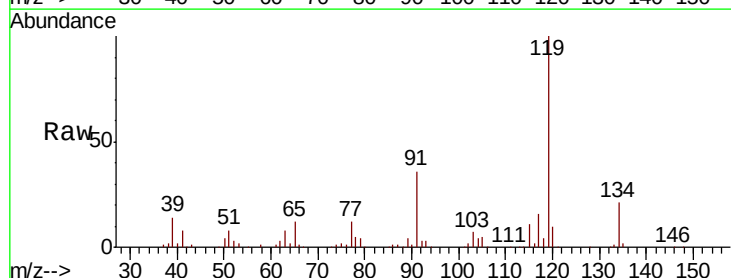
Instrument :
 MSVOA_D
 ClientSampleId :

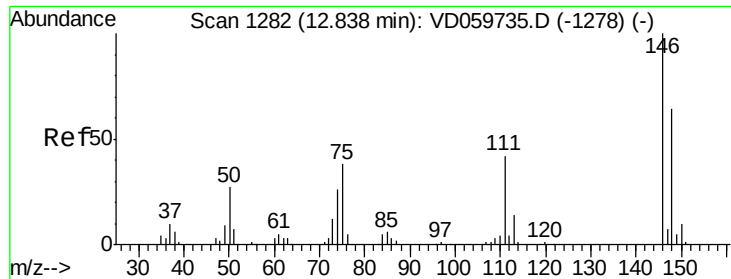
Tot Ion:105 Resp: 302110
 Ion Ratio Lower Upper
 105 100
 134 15.6 7.8 23.4



#86
 p-Isopropyltoluene
 Concen: 50.538 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:119 Resp: 264519
 Ion Ratio Lower Upper
 119 100
 134 21.1 10.5 31.6
 91 35.8 17.9 53.7

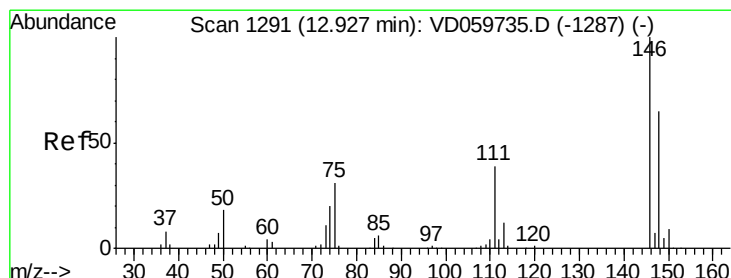
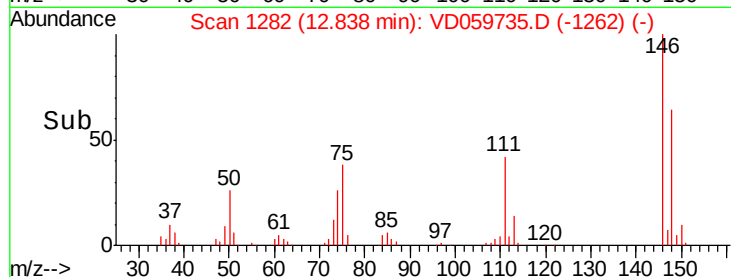
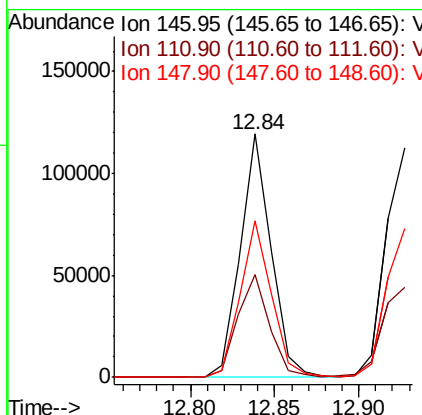
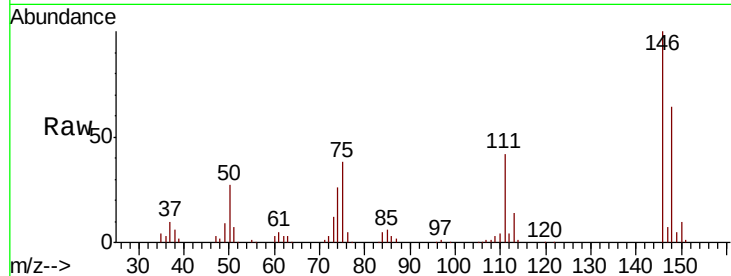




#87
 1,3-Dichlorobenzene
 Concen: 50.300 ug/l
 RT: 12.84 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

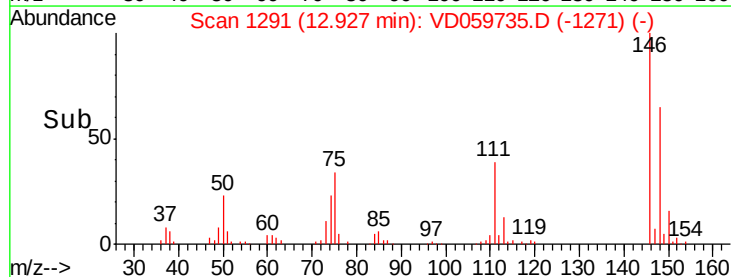
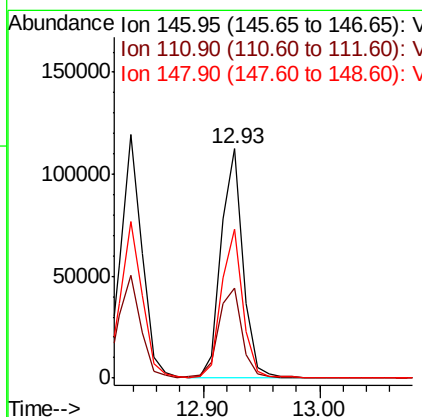
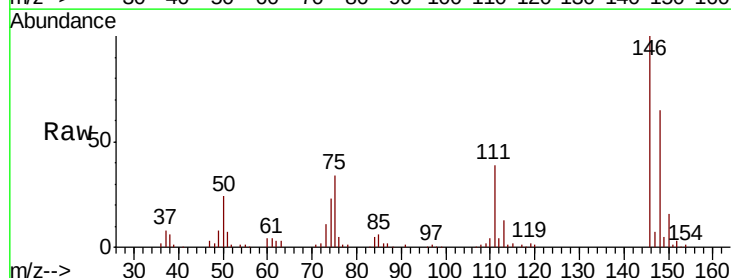
Instrument :
 MSVOA_D
 ClientSampleId :

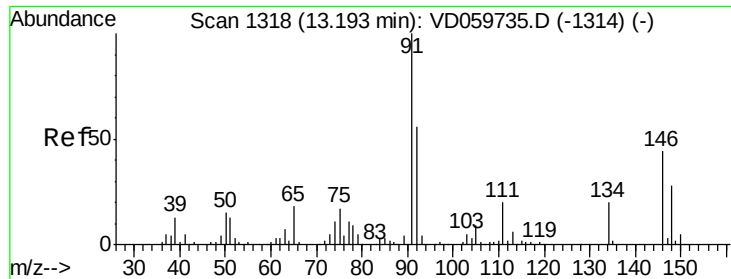
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.3
148	64.4	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.491 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

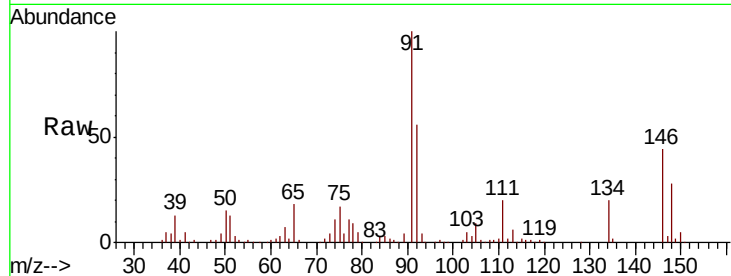




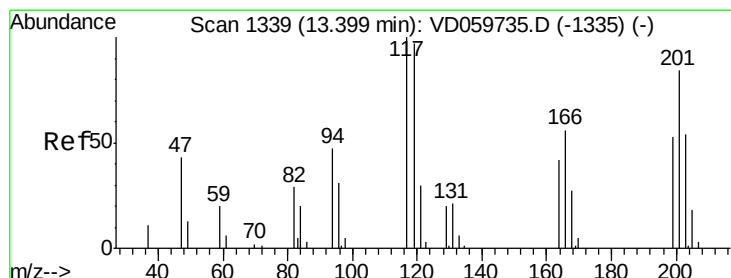
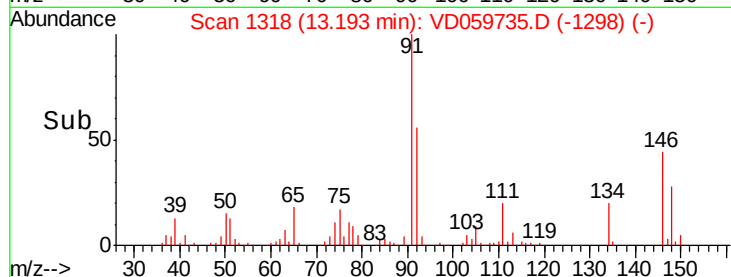
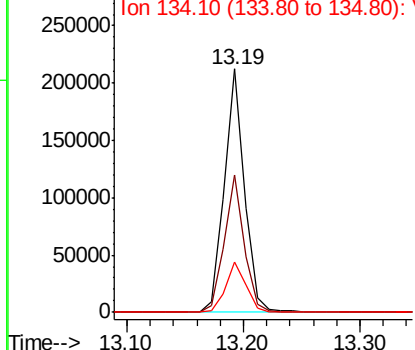
#89
n-Butylbenzene
Concen: 48.255 ug/l
RT: 13.19 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 91 Resp: 254558
Ion Ratio Lower Upper
91 100
92 56.3 28.1 84.4
134 20.5 10.3 30.8

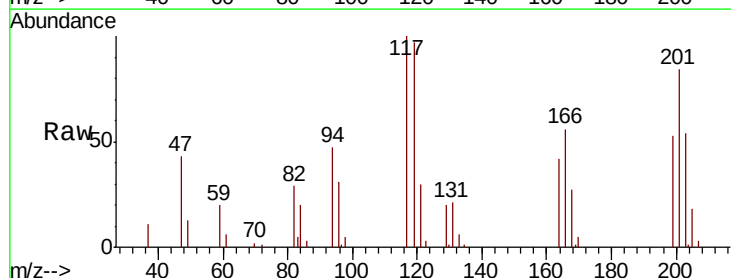


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.10 (133.80 to 134.80): V

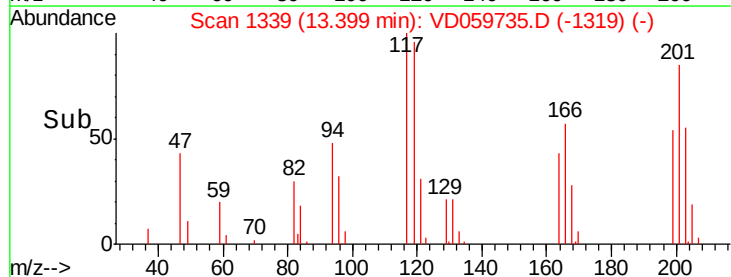
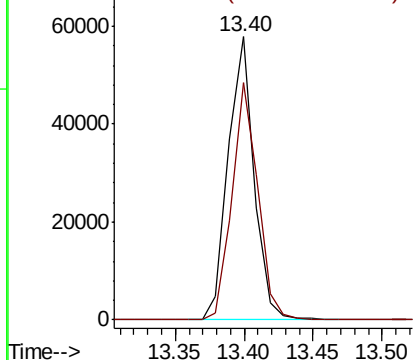


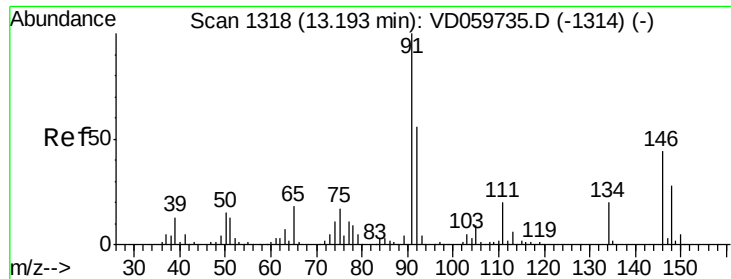
#90
Hexachloroethane
Concen: 55.073 ug/l
RT: 13.40 min Scan# 1339
Delta R.T. 0.00 min
Lab File: VD059735.D
Acq: 10 Aug 2018 18:09

Tgt Ion: 117 Resp: 75221
Ion Ratio Lower Upper
117 100
201 83.8 41.9 125.7



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 200.75 (200.45 to 201.45): V

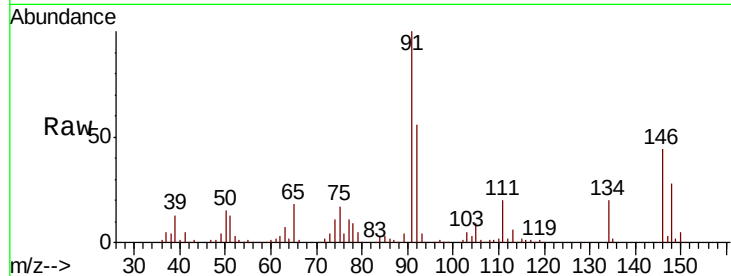




#91
 1,2-Dichlorobenzene
 Concen: 47.493 ug/l
 RT: 13.19 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Instrument :
 MSVOA_D
 ClientSampleId :

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

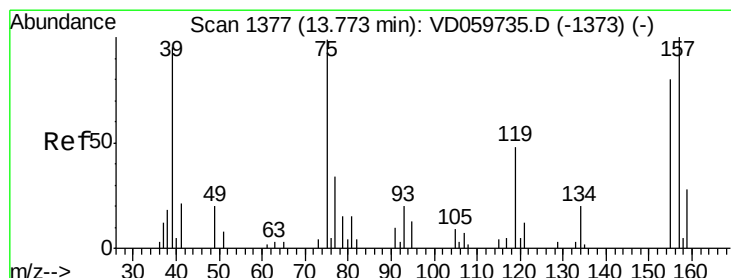
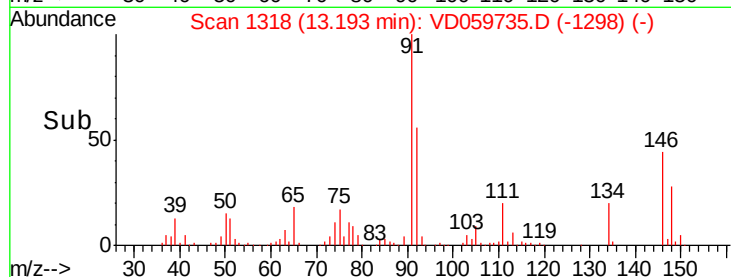
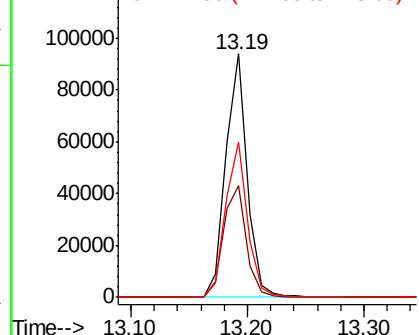


Abundance

Ion 145.95 (145.65 to 146.65): V

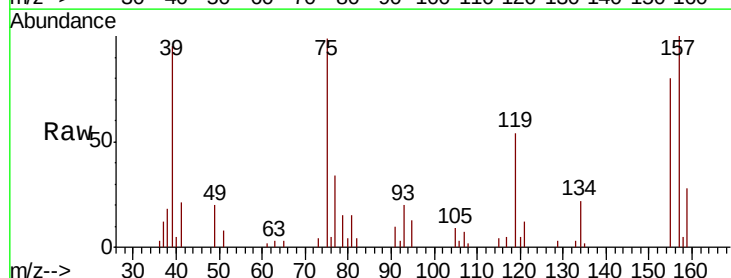
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.965 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

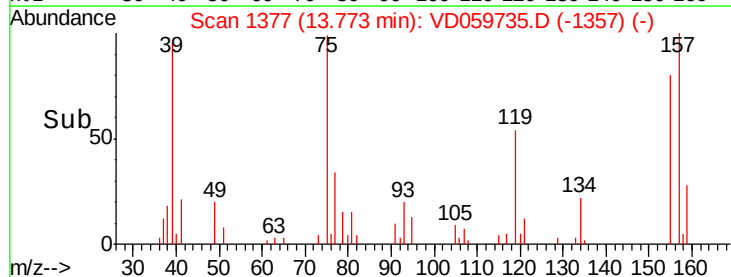
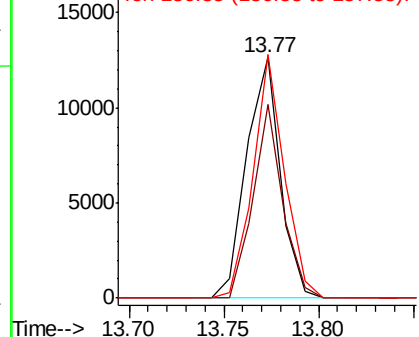


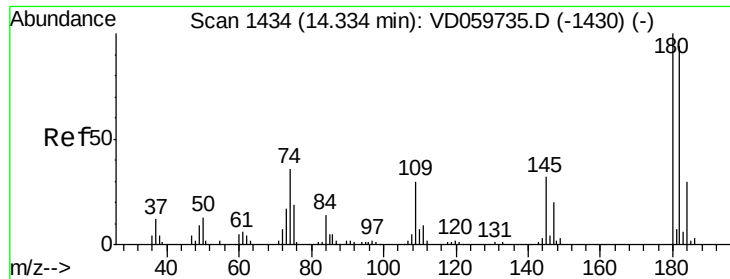
Abundance

Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

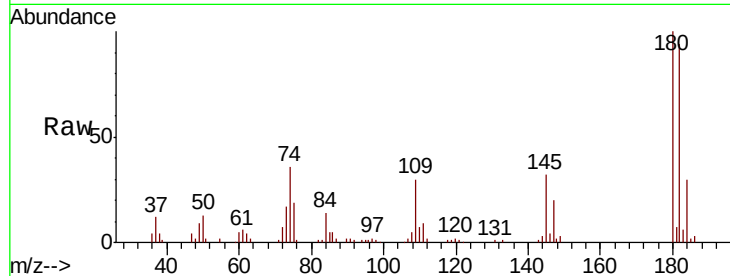




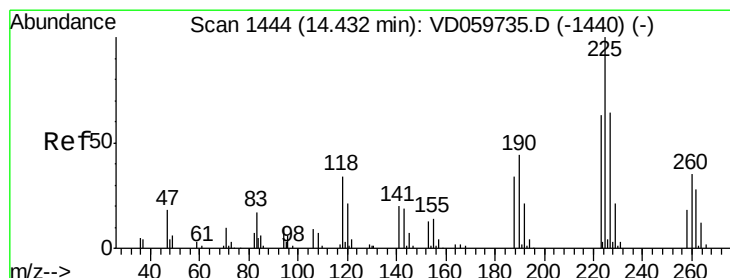
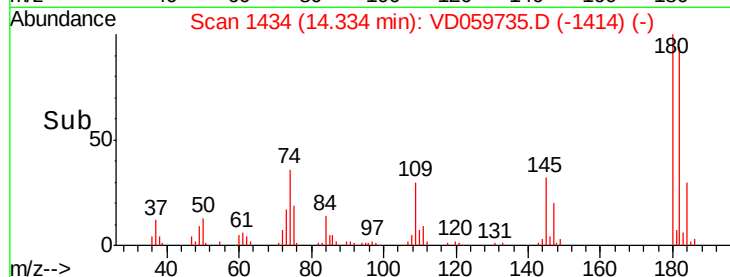
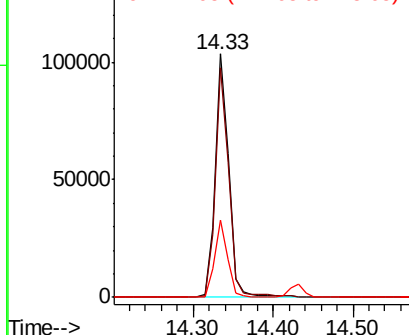
#93
 1,2,4-Trichlorobenzene
 Concen: 54.342 ug/l
 RT: 14.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Instrument :
 MSVOA_D
 ClientSampleID :

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

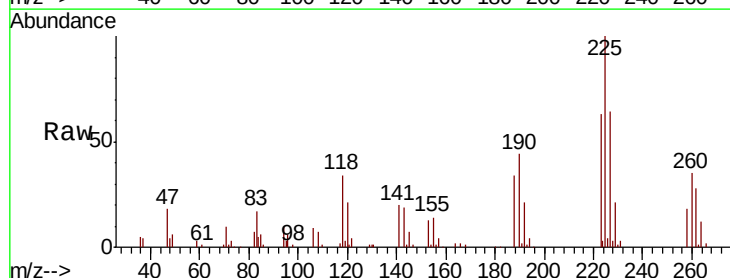


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

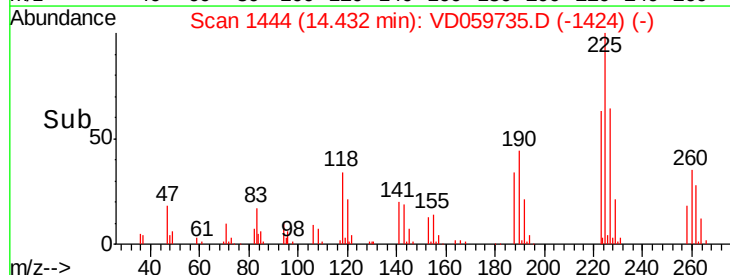
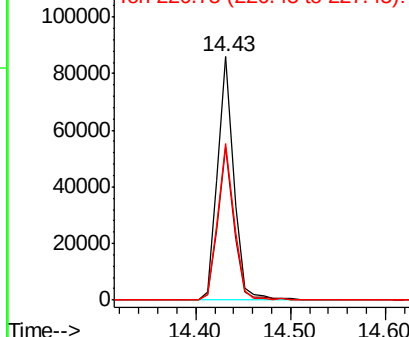


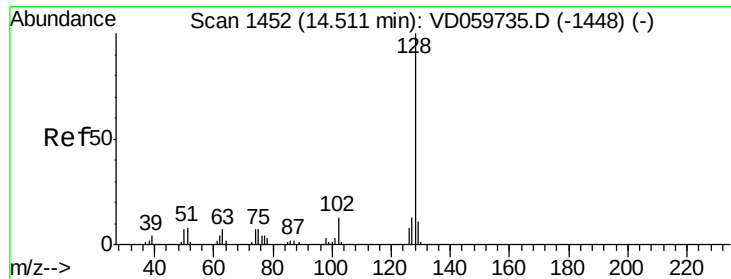
#94
 Hexachlorobutadiene
 Concen: 57.655 ug/l
 RT: 14.43 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VD059735.D
 Acq: 10 Aug 2018 18:09

Tgt Ion:225 Resp: 103104
 Ion Ratio Lower Upper
 225 100
 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: 50.406 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 :

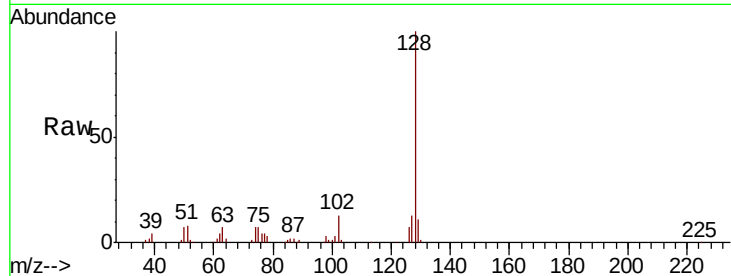
Tot Ion:128 Resp: 168265

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

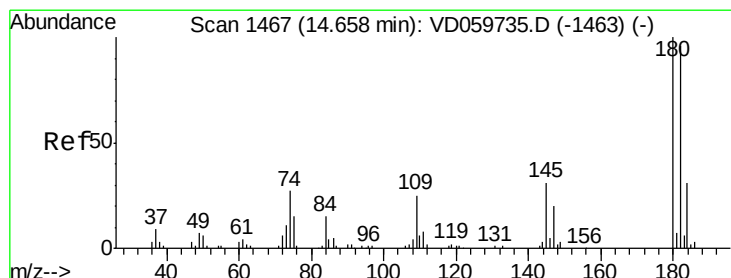
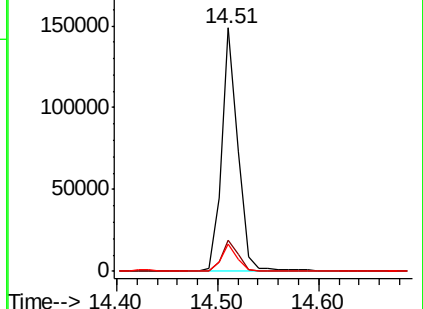
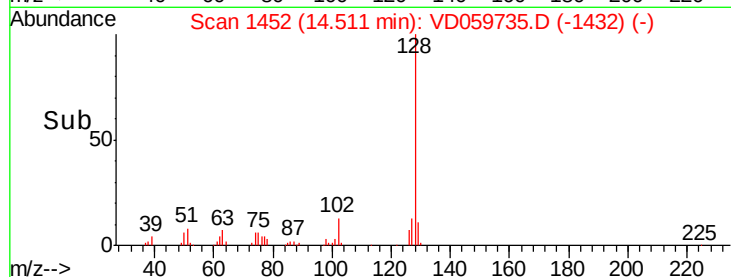
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.314 ug/l

RT: 14.66 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VD059735.D

Acq: 10 Aug 2018 18:09

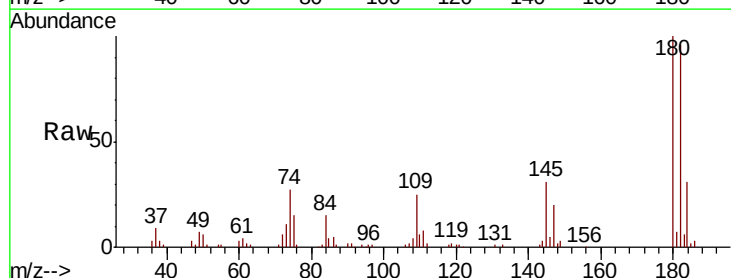
Tgt Ion:180 Resp: 105390

Ion Ratio Lower Upper

180 100

182 96.3 48.1 144.4

145 30.9 15.4 46.4



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

