

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064611.D
 Acq On : 26 Dec 2019 20:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 12/27/2019 2:07:10 PM

Quant Time: Dec 27 04:56:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	408494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	617090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	566348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284874	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	202203	56.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.28%	
35) Dibromofluoromethane	7.92	113	201879	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
50) Toluene-d8	10.34	98	766907	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.64	95	247558	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	157069	49.477	ug/l	97
3) Chloromethane	2.21	50	235138	52.961	ug/l	98
4) Vinyl Chloride	2.35	62	275593	50.909	ug/l	95
5) Bromomethane	2.77	94	205467	52.201	ug/l	97
6) Chloroethane	2.92	64	194095	53.510	ug/l	98
7) Trichlorofluoromethane	3.27	101	463960	50.901	ug/l	98
8) Diethyl Ether	3.71	74	99849	55.164	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	188852	50.029	ug/l	99
10) Methyl Iodide	4.30	142	227269	56.049	ug/l	98
11) Tert butyl alcohol	5.26	59	59174	286.647	ug/l	98
12) 1,1-Dichloroethene	4.06	96	185403	51.589	ug/l	98
13) Acrolein	3.92	56	75427	262.174	ug/l	98
14) Allyl chloride	4.71	41	304294	54.306	ug/l	99
15) Acrylonitrile	5.43	53	217719	288.776	ug/l	99
16) Acetone	4.16	43	170420	222.150	ug/l	91
17) Carbon Disulfide	4.40	76	596662	51.345	ug/l	100
18) Methyl Acetate	4.72	43	110577	54.527	ug/l	97
19) Methyl tert-butyl Ether	5.49	73	461873	57.861	ug/l	96
20) Methylene Chloride	4.96	84	223458	61.812	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	220924	53.978	ug/l	96
22) Diisopropyl ether	6.37	45	647572	57.942	ug/l	98
23) Vinyl Acetate	6.31	43	1892077	298.442	ug/l	100
24) 1,1-Dichloroethane	6.27	63	376463	56.109	ug/l	97
25) 2-Butanone	7.22	43	271055	273.760	ug/l	100
26) 2,2-Dichloropropane	7.21	77	305239	48.931	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	248869	56.342	ug/l	98
28) Bromochloromethane	7.55	49	141205	54.139	ug/l	97
29) Tetrahydrofuran	7.57	42	174692	283.715	ug/l	100
30) Chloroform	7.71	83	395706	56.213	ug/l	99
31) Cyclohexane	7.98	56	321157	47.818	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	347586	52.570	ug/l	100
36) 1,1-Dichloropropene	8.11	75	294369	49.561	ug/l	99
37) Ethyl Acetate	7.30	43	127314	54.563	ug/l	98
38) Carbon Tetrachloride	8.10	117	321444	50.755	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	352983	49.068	ug/l	94
40) Benzene	8.35	78	860532	53.073	ug/l	99
41) Methacrylonitrile	7.53	41	72797	53.772	ug/l	93
42) 1,2-Dichloroethane	8.43	62	254677	54.355	ug/l	100
43) Isopropyl Acetate	8.46	43	252245	54.313	ug/l	99
44) Trichloroethene	9.11	130	245207	51.479	ug/l	100
45) 1,2-Dichloropropane	9.39	63	212419	54.870	ug/l	99
46) Dibromomethane	9.48	93	118410	54.860	ug/l	96
47) Bromodichloromethane	9.67	83	318260	55.413	ug/l	99
48) Methyl methacrylate	9.46	41	116390	53.224	ug/l	92
49) 1,4-Dioxane	9.47	88	28028	1126.173	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	635210	276.710	ug/l	99
52) Toluene	10.40	92	567778	53.374	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	293301	54.774	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	343404	54.388	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	156466	53.790	ug/l	97
56) Ethyl methacrylate	10.66	69	206268	56.780	ug/l	98
57) 1,3-Dichloropropane	10.95	76	278260	55.559	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	339596	245.366	ug/l	100
59) 2-Hexanone	10.99	43	421136	270.296	ug/l	99
60) Dibromochloromethane	11.14	129	224138	55.721	ug/l	100
61) 1,2-Dibromoethane	11.25	107	158605	55.282	ug/l	100
64) Tetrachloroethene	10.88	164	211418	48.659	ug/l	97
65) Chlorobenzene	11.67	112	611402	52.014	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	238698	53.867	ug/l	98
67) Ethyl Benzene	11.75	91	1092329	51.199	ug/l	96
68) m/p-Xylenes	11.86	106	842432	102.300	ug/l	98
69) o-Xylene	12.18	106	390349	52.479	ug/l	99
70) Styrene	12.20	104	700490	53.652	ug/l	99
71) Bromoform	12.36	173	137748	54.510	ug/l #	98
73) Isopropylbenzene	12.48	105	1023776	50.289	ug/l	100
74) N-amyl acetate	12.29	43	235362	54.084	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	169393	52.968	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	121633m	54.070	ug/l	
77) Bromobenzene	12.76	156	263032	52.583	ug/l	98
78) n-propylbenzene	12.83	91	1196562	50.382	ug/l	100
79) 2-Chlorotoluene	12.91	91	672844	51.572	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	856183	51.198	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	55411	51.517	ug/l	99
82) 4-Chlorotoluene	13.01	91	716461	51.602	ug/l	99
83) tert-Butylbenzene	13.23	119	748710	51.565	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	865300	51.955	ug/l	100
85) sec-Butylbenzene	13.41	105	998388	50.156	ug/l	99
86) p-Isopropyltoluene	13.52	119	958933	50.381	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	497812	52.204	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	485205	51.795	ug/l	99
89) n-Butylbenzene	13.85	91	854976	49.881	ug/l	99
90) Hexachloroethane	14.12	117	182973	50.325	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	425879	52.376	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	26494	51.104	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	313500	52.362	ug/l	99
94) Hexachlorobutadiene	15.28	225	184117	48.869	ug/l	99
95) Naphthalene	15.41	128	521655	55.075	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	274347	53.675	ug/l	98

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

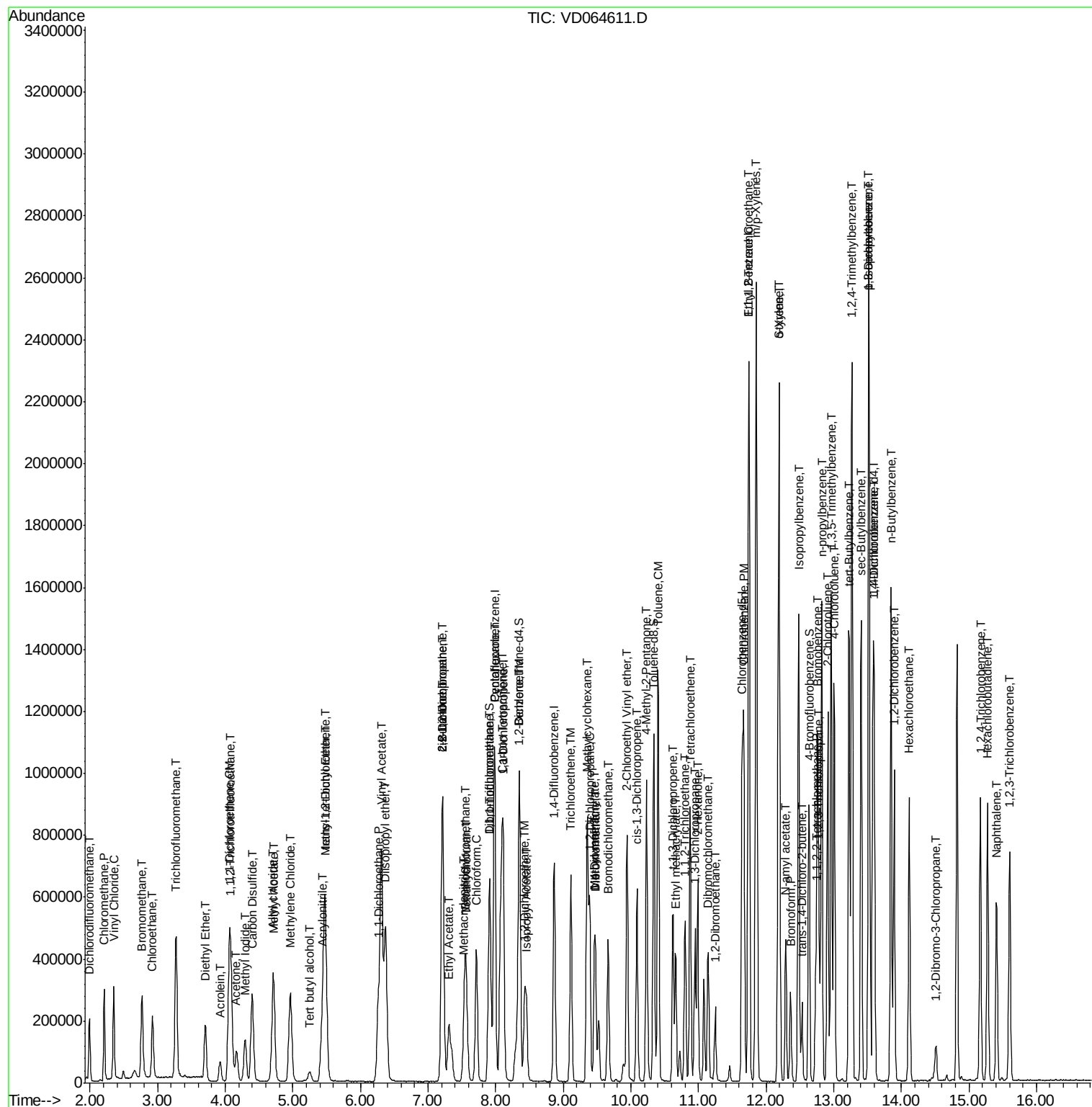
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122619\
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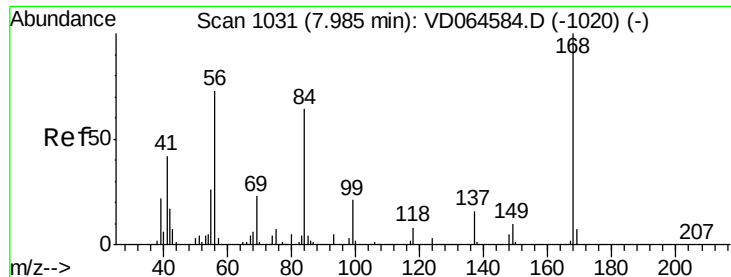
Instrument :
MSVOA_D
Client Sample Id :
VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 408494

Ion Ratio Lower Upper

168 100

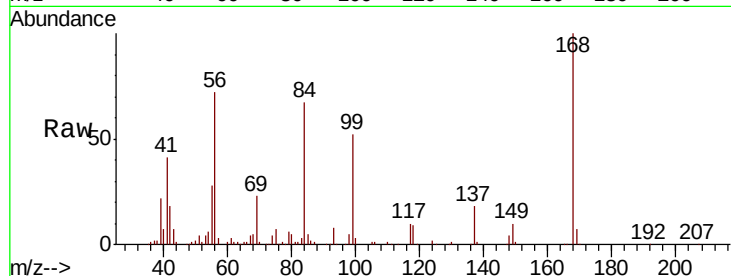
99 51.7 41.8 62.6

Manual Integrations

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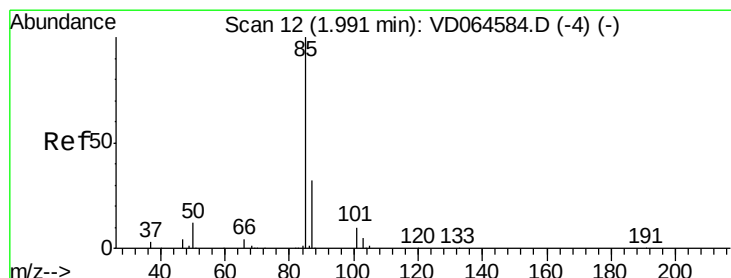
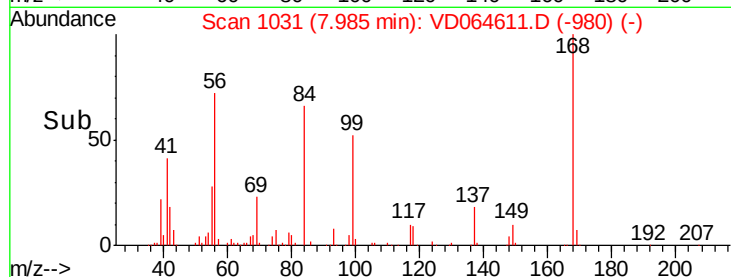
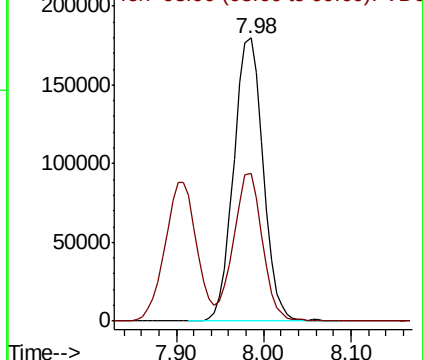
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 49.477 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064611.D

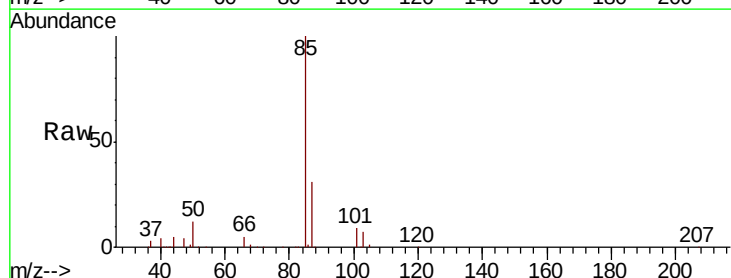
Acq: 26 Dec 2019 20:53

Tgt Ion: 85 Resp: 157069

Ion Ratio Lower Upper

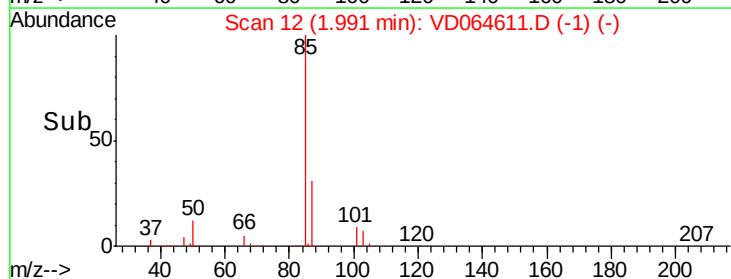
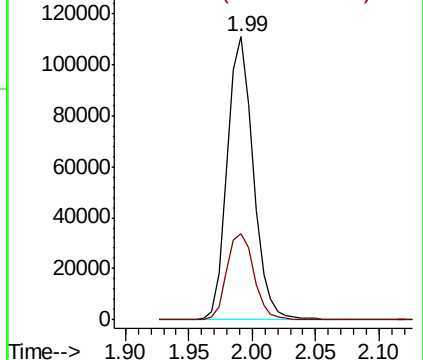
85 100

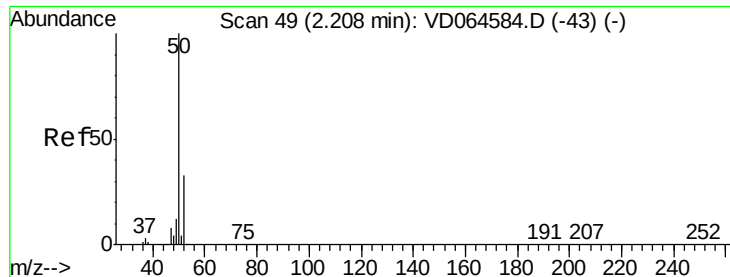
87 30.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 52.961 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 235138

Ion Ratio Lower Upper

50 100

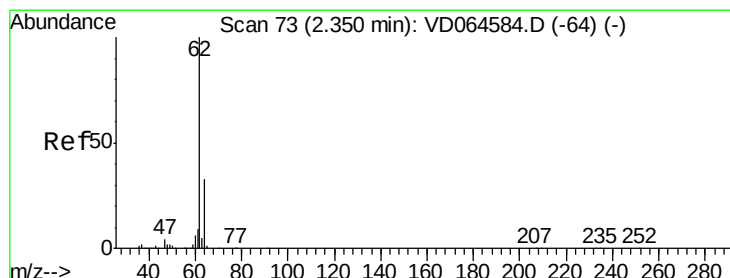
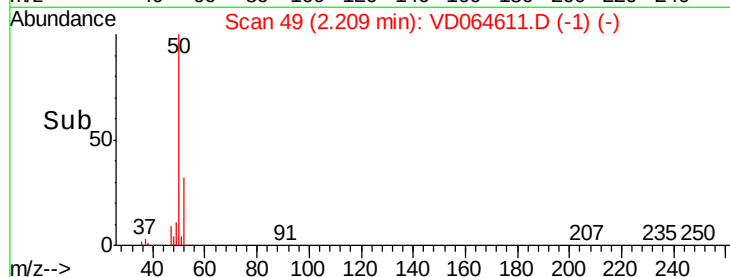
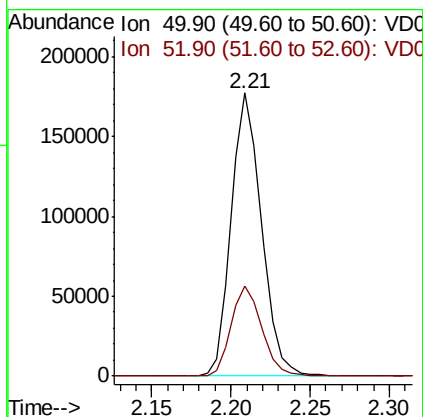
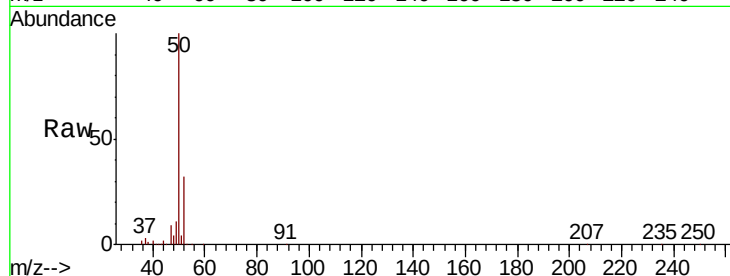
52 31.9 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.909 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064611.D

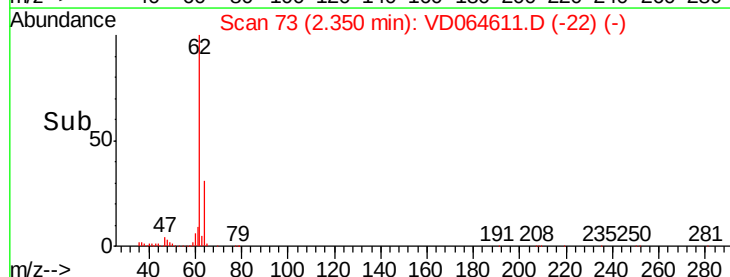
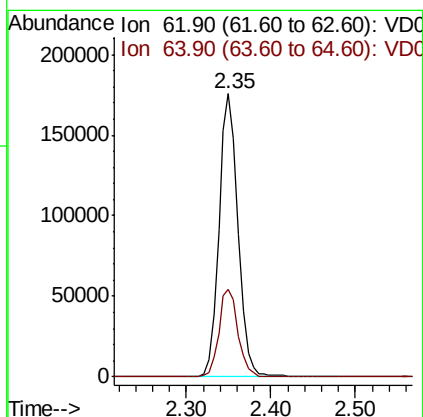
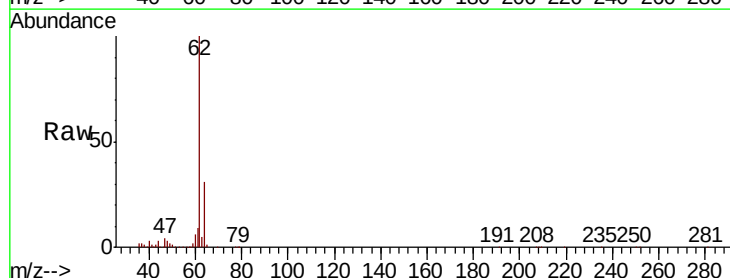
Acq: 26 Dec 2019 20:53

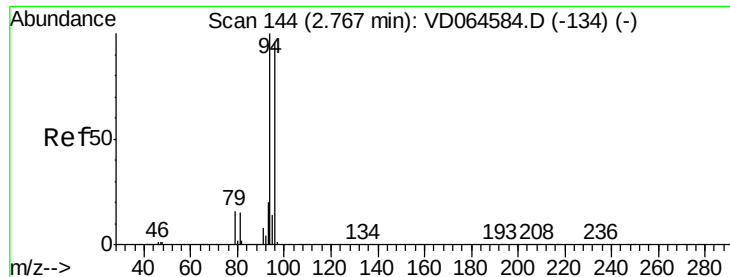
Tgt Ion: 62 Resp: 275593

Ion Ratio Lower Upper

62 100

64 30.7 26.6 40.0





#5

Bromomethane

Concen: 52.201 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 205467

Ion Ratio Lower Upper

94 100

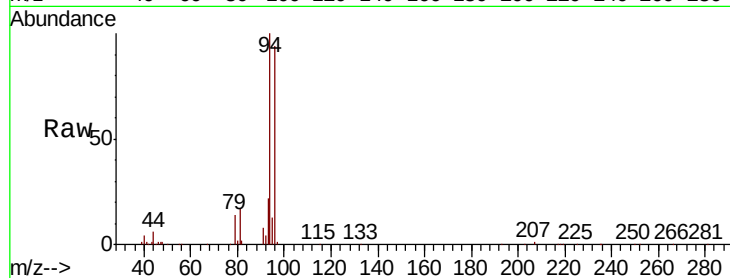
96 93.5 77.2 115.8

Manual Integrations

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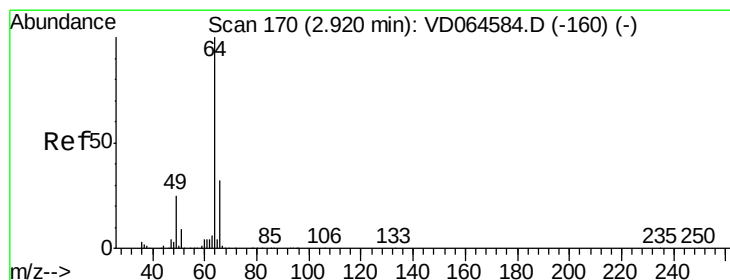
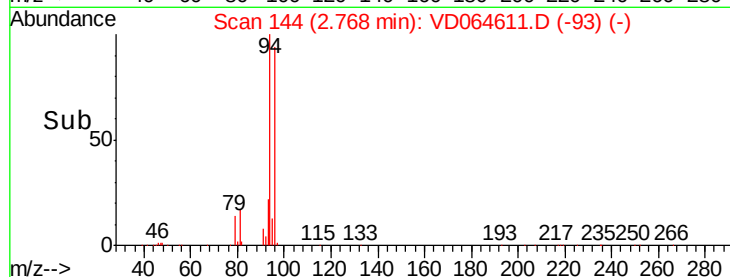
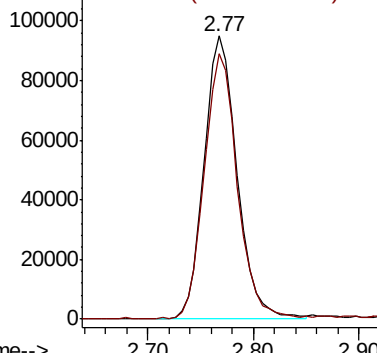
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 53.510 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD064611.D

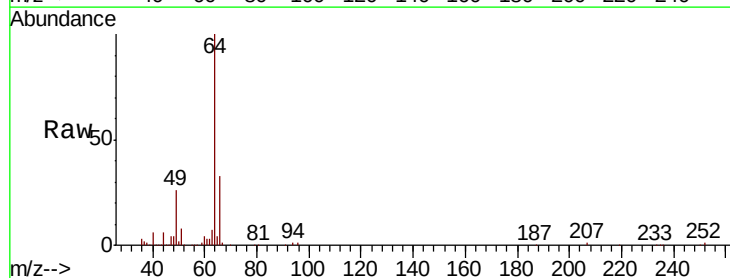
Acq: 26 Dec 2019 20:53

Tgt Ion: 64 Resp: 194095

Ion Ratio Lower Upper

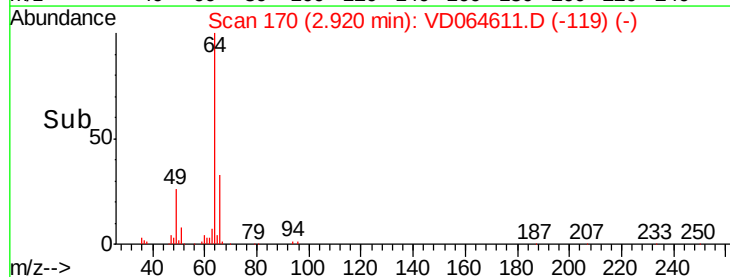
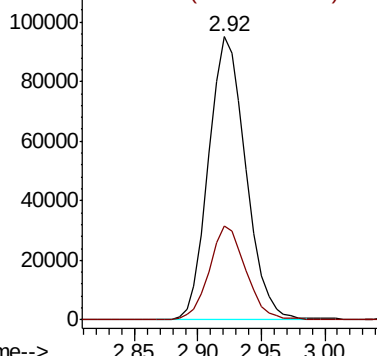
64 100

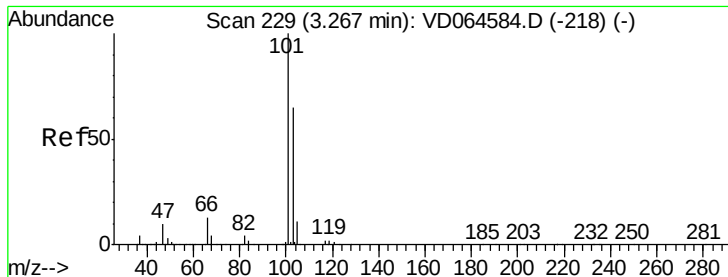
66 33.3 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

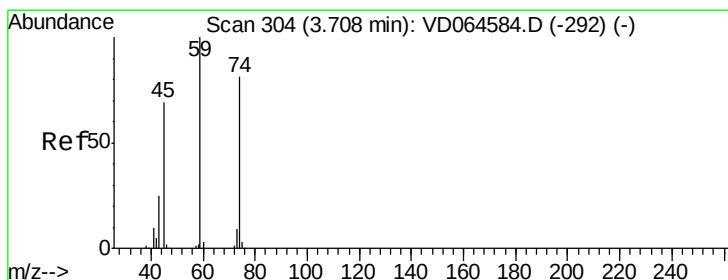
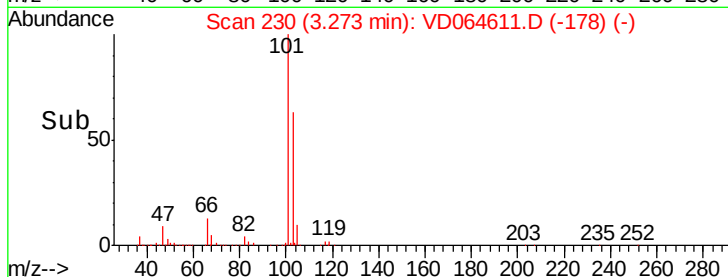
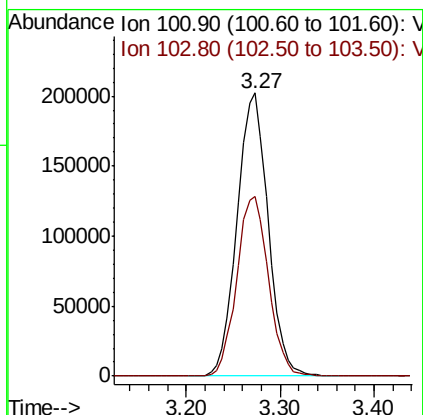
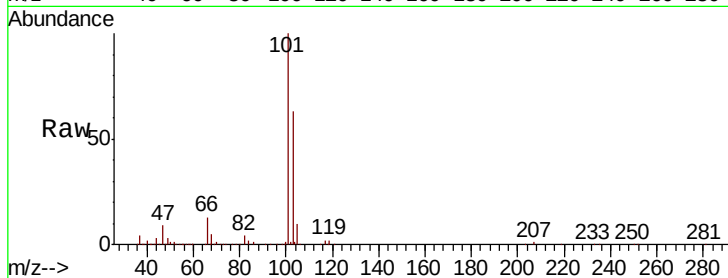
Trichlorofluoromethane
 Concen: 50.901 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	52.2	78.4

Manual Integrations
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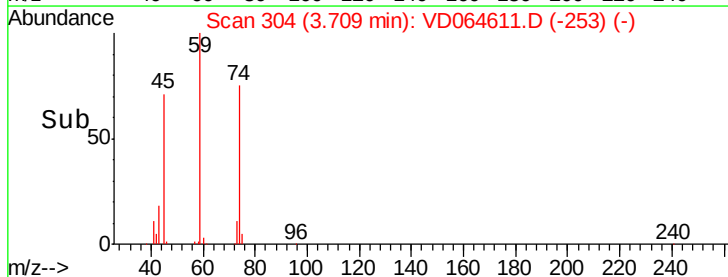
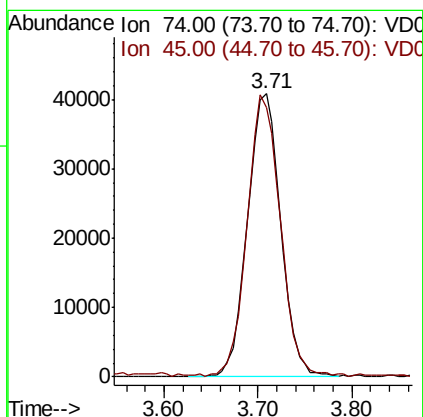
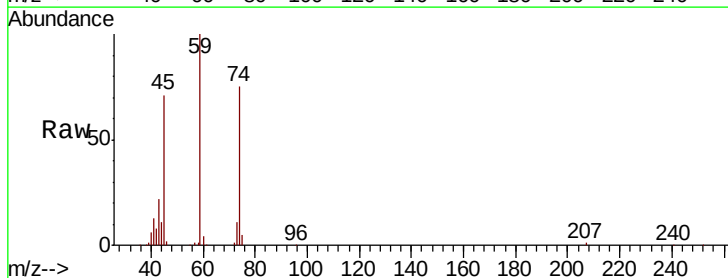
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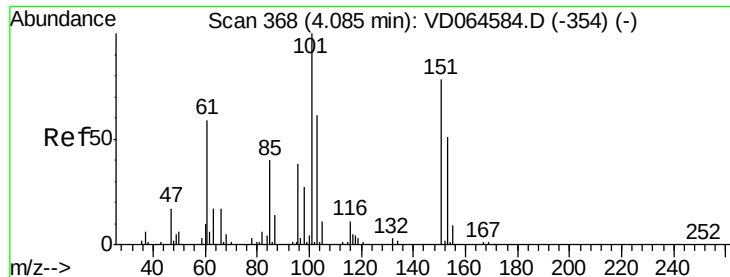


#8

Diethyl Ether
 Concen: 55.164 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.029 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

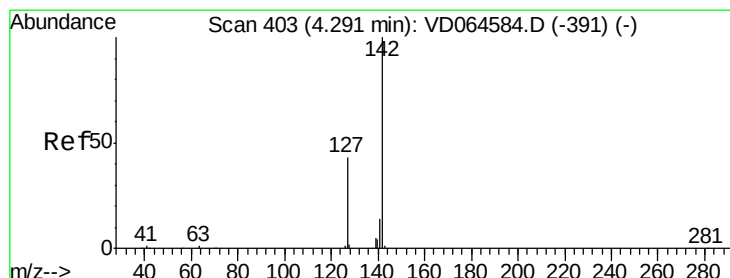
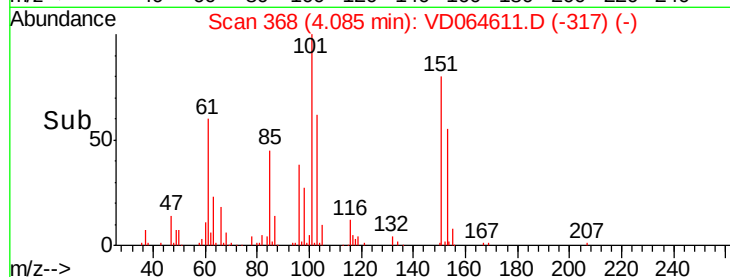
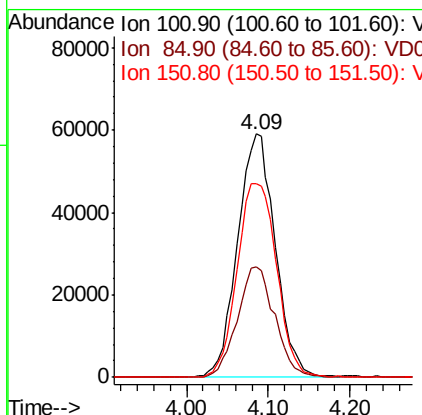
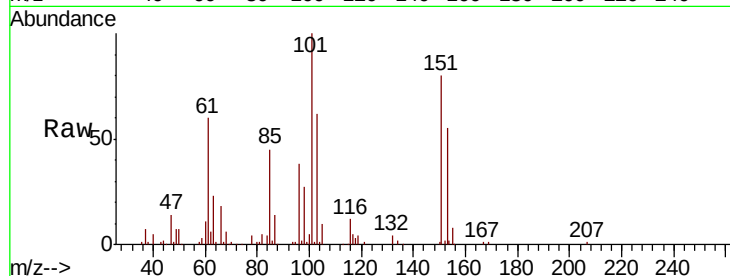
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	188852
Ion Ratio	Lower	Upper	
101	100		
85	45.1	35.2	52.8
151	83.7	66.2	99.4

Manual Integrations
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#10

Methyl Iodide

Concen: 56.049 ug/l

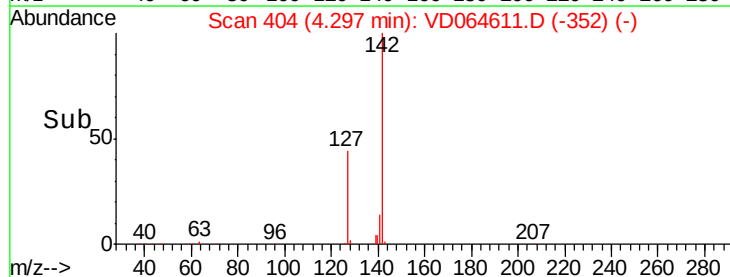
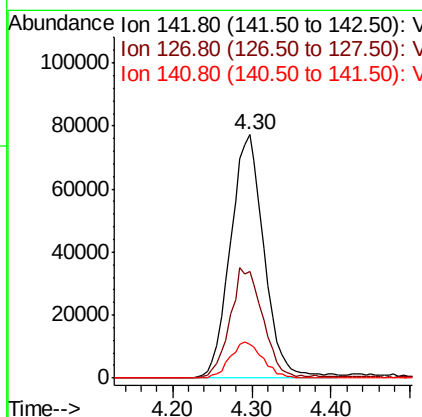
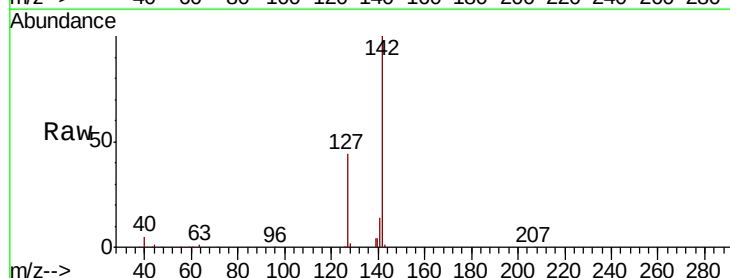
RT: 4.30 min Scan# 404

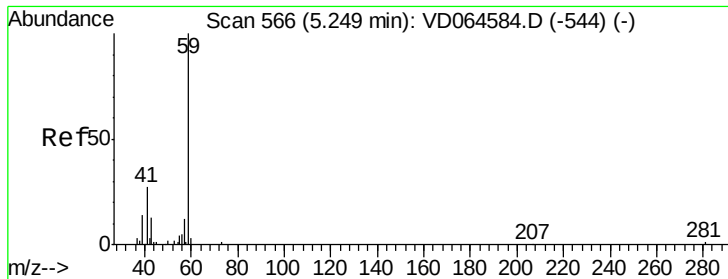
Delta R.T. 0.01 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Tgt Ion:	142	Resp:	227269
Ion Ratio	Lower	Upper	
142	100		
127	44.1	36.2	54.4
141	14.4	11.8	17.8





#11

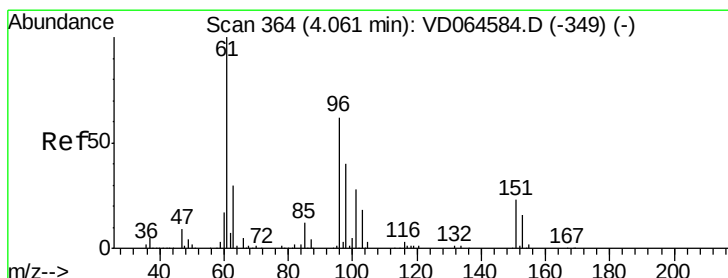
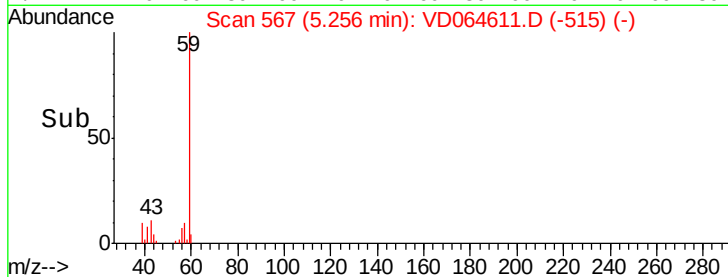
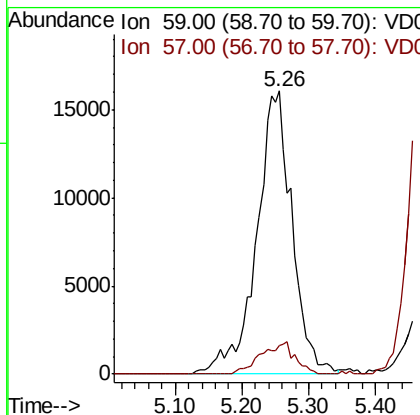
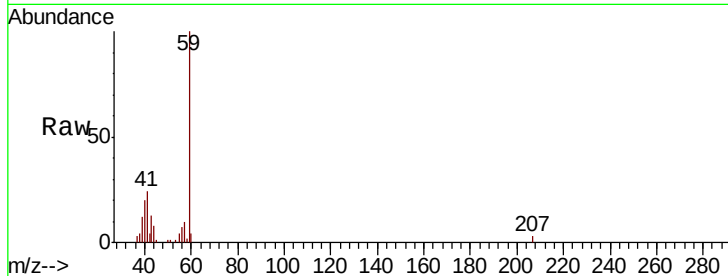
Tert butyl alcohol
Concen: 286.647 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.01 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.9	Resp	59174	Lower	Upper
59	100								
57		10.9						9.3	13.9

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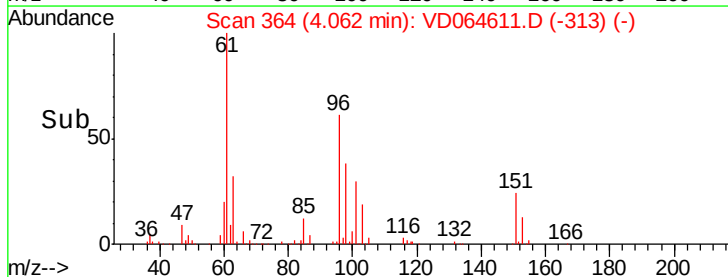
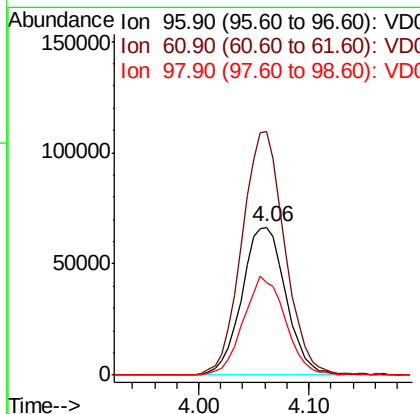
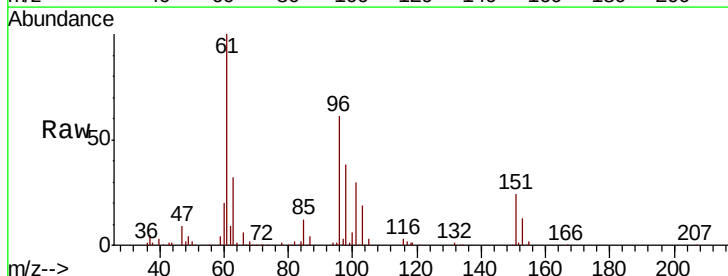
apatel
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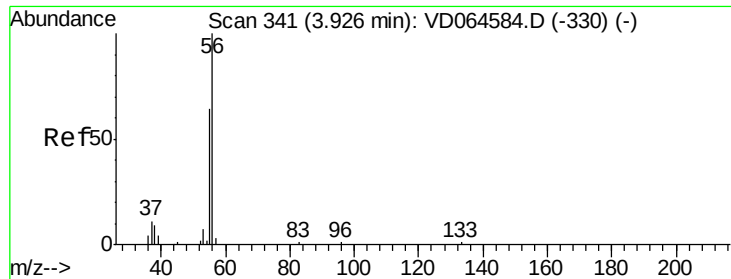


#12

1,1-Dichloroethene
Concen: 51.589 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion	96	61	98	Ratio	100	164.7	62.2	Resp	185403	Lower	Upper
96	100										
61		164.7								129.4	194.0
98			62.2							51.4	77.0





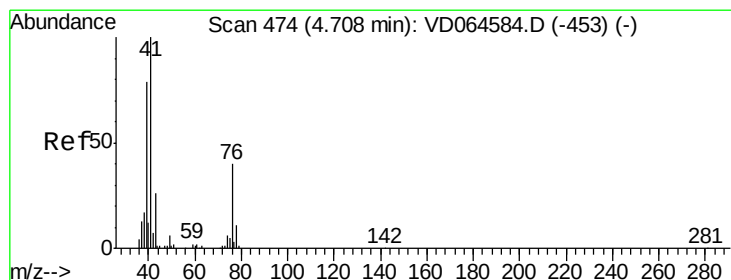
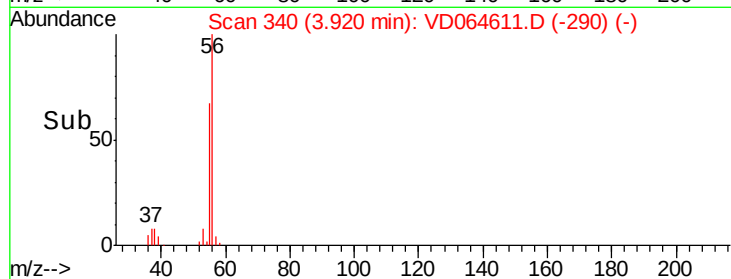
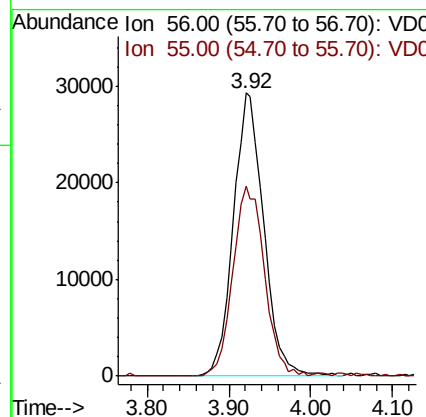
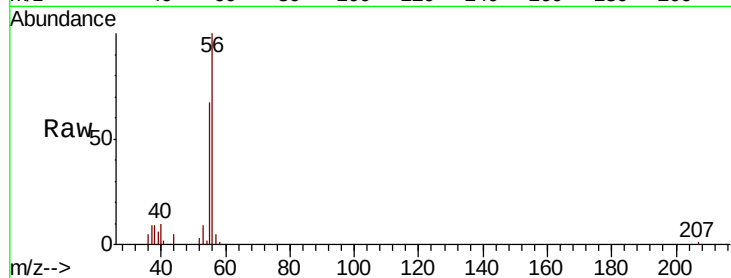
#13
Acrolein
Concen: 262.174 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	75427
Ion Ratio	100	Lower	Upper
56	100		
55	69.6	56.7	85.1

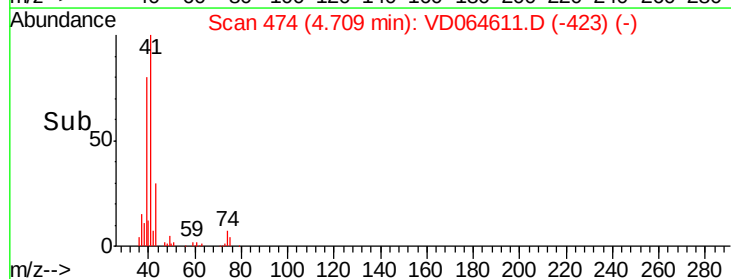
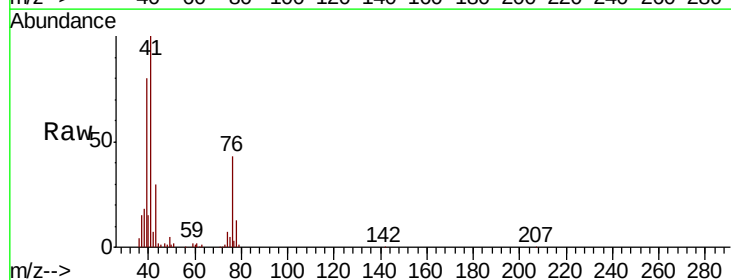
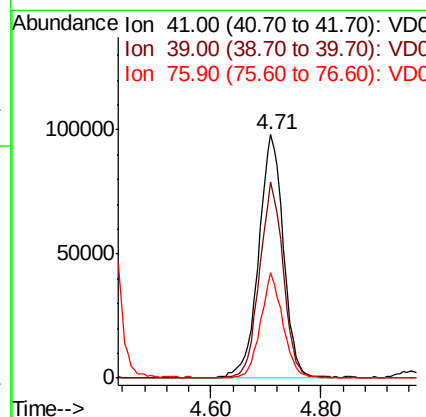
Manual Integrations
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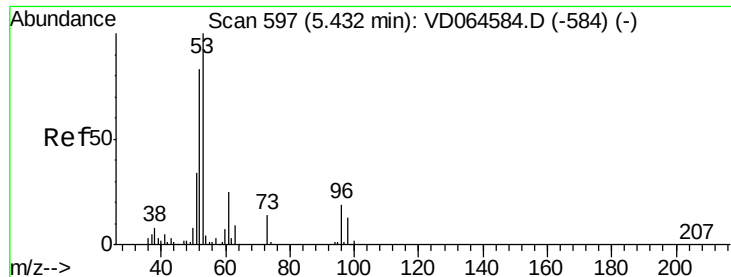
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#14
Allyl chloride
Concen: 54.306 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion	41	Resp	304294
Ion Ratio	100	Lower	Upper
41	100		
39	77.4	62.3	93.5
76	38.2	29.7	44.5





#15

Acrylonitrile

Concen: 288.776 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

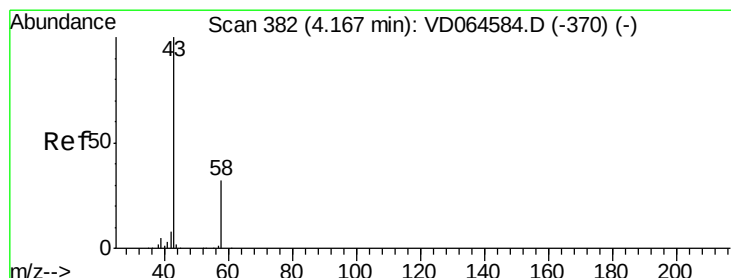
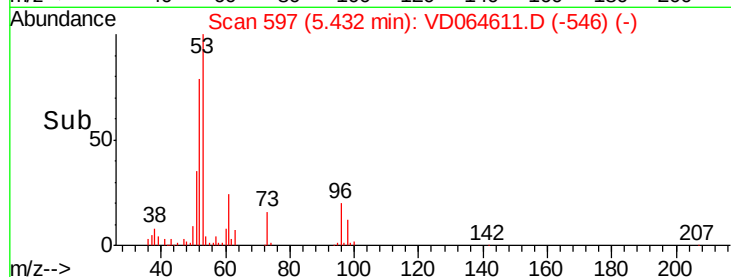
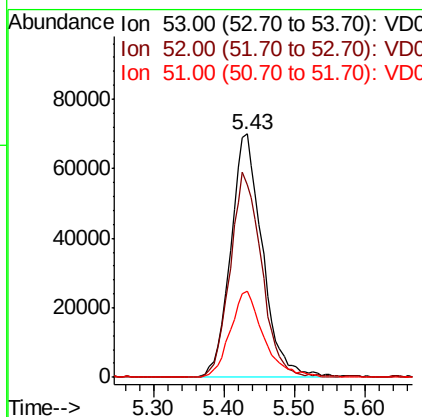
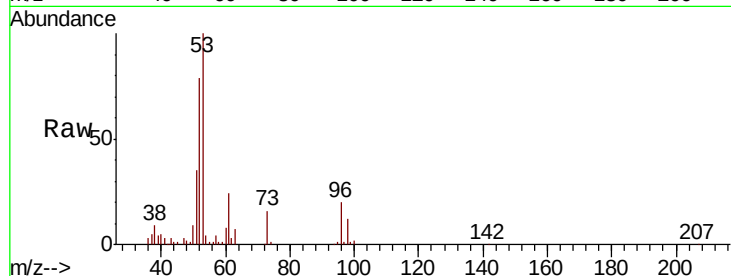
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	217719
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.2	99.2
51	37.3	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 222.150 ug/l

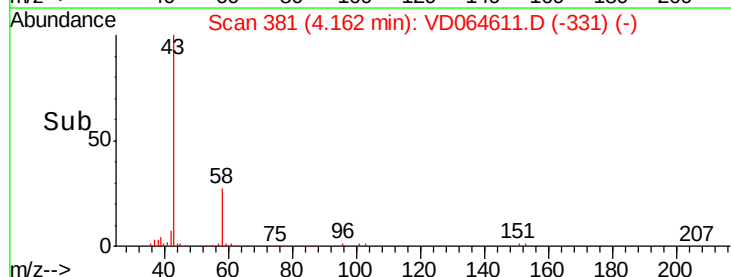
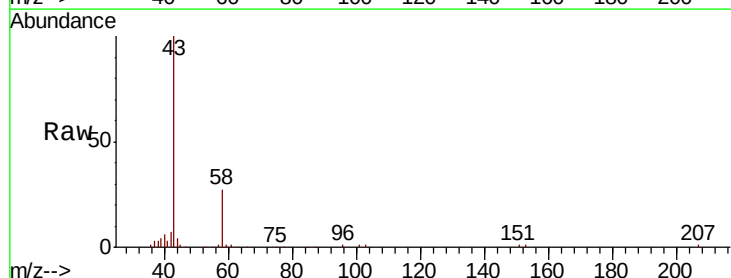
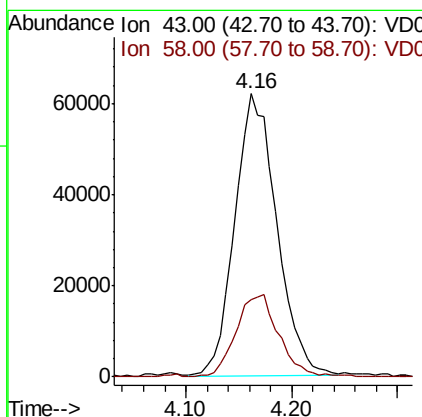
RT: 4.16 min Scan# 381

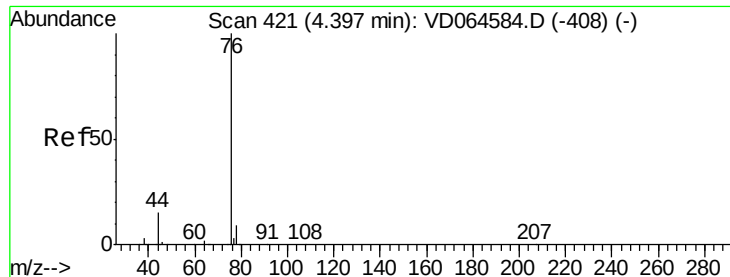
Delta R.T. -0.01 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Tgt Ion:	43	Resp:	170420
Ion Ratio	Lower	Upper	
43	100		
58	27.1	25.8	38.6





#17

Carbon Disulfide

Concen: 51.345 ug/l

RT: 4.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 596662

Ion Ratio Lower Upper

76 100

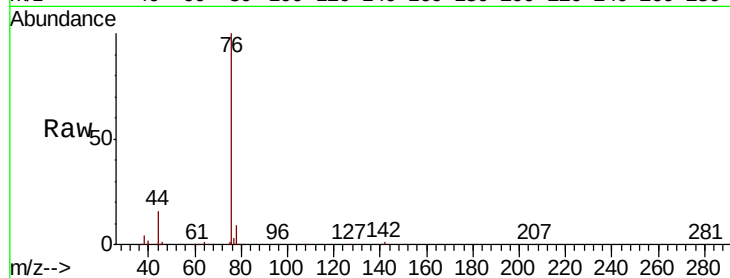
78 9.0 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

250000

200000

150000

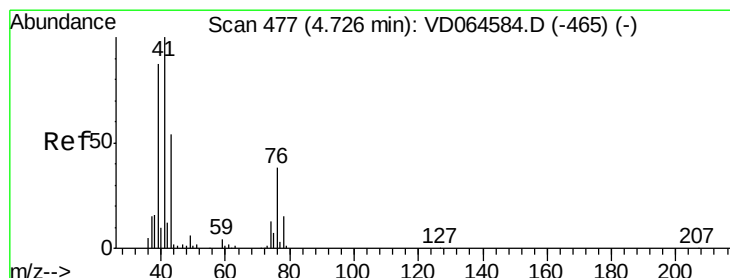
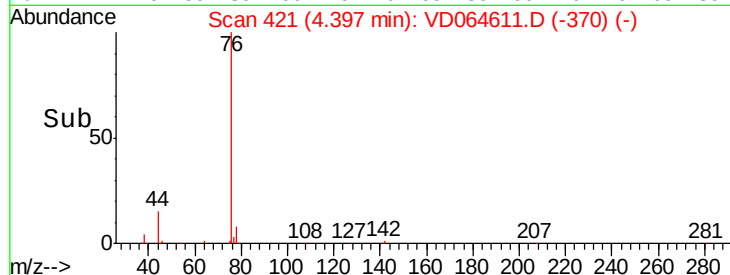
100000

50000

0

4.30 4.40 4.50

Time-->



#18

Methyl Acetate

Concen: 54.527 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD064611.D

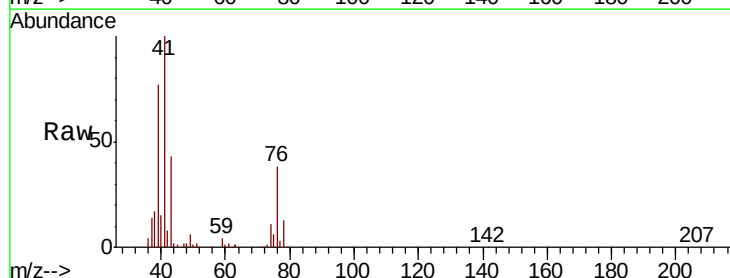
Acq: 26 Dec 2019 20:53

Tgt Ion: 43 Resp: 110577

Ion Ratio Lower Upper

43 100

74 25.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

40000

30000

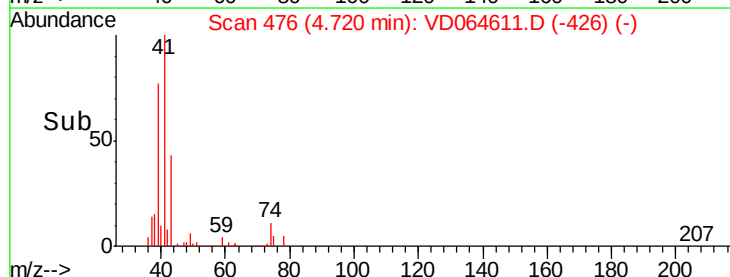
20000

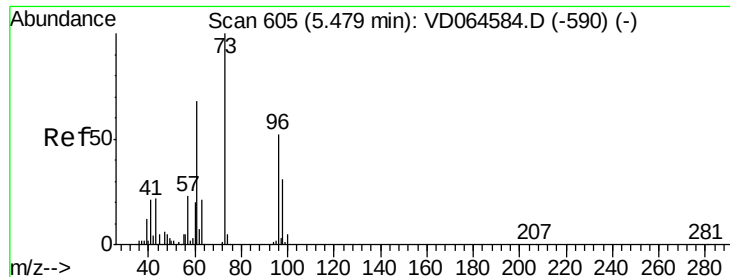
10000

0

4.60 4.70 4.80

Time-->





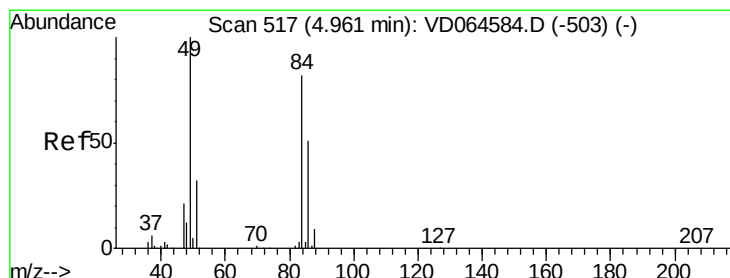
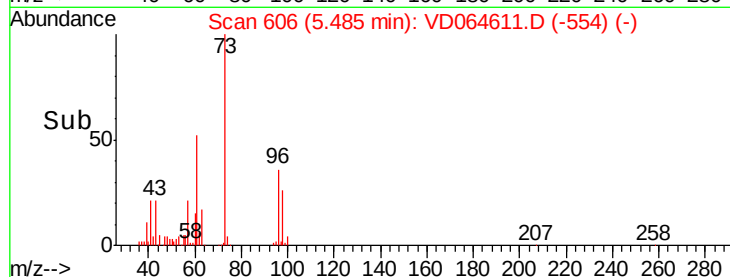
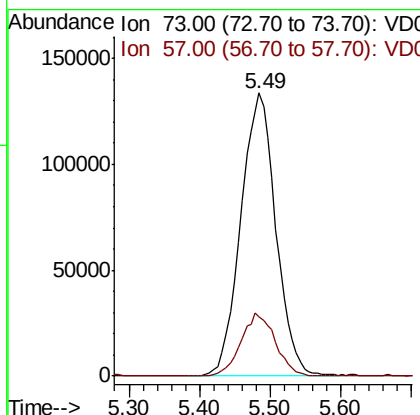
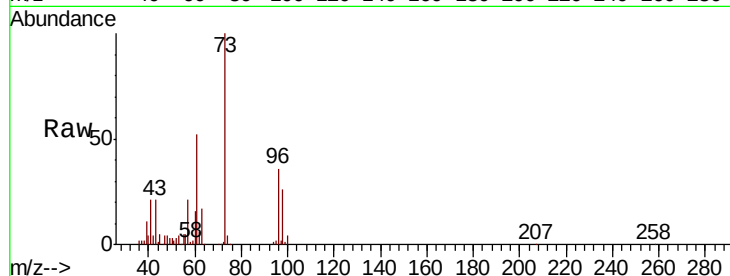
#19
Methyl tert-butyl Ether
Concen: 57.861 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 461873
Ion Ratio Lower Upper
73 100
57 21.1 18.6 27.8

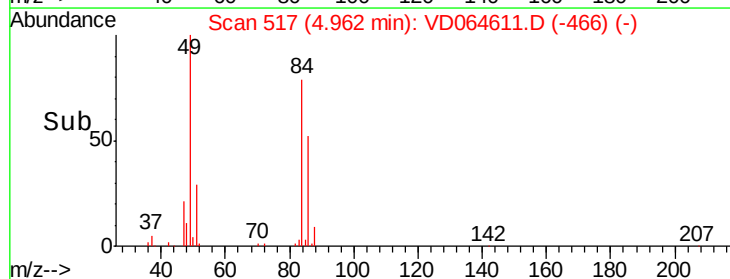
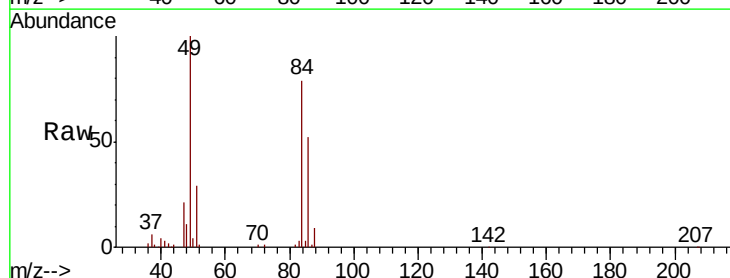
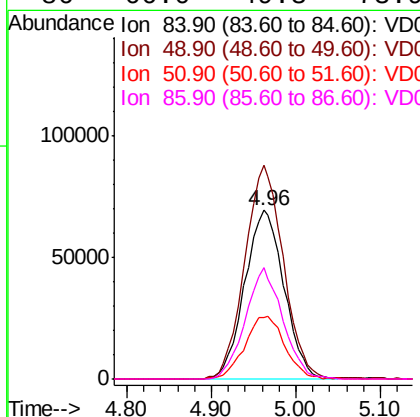
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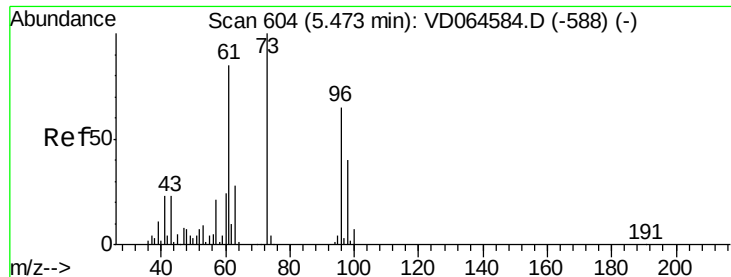
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#20
Methylene Chloride
Concen: 61.812 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion: 84 Resp: 223458
Ion Ratio Lower Upper
84 100
49 126.6 97.2 145.8
51 36.1 31.4 47.0
86 66.0 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 53.978 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

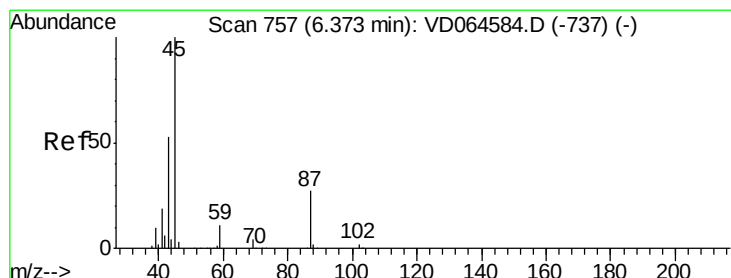
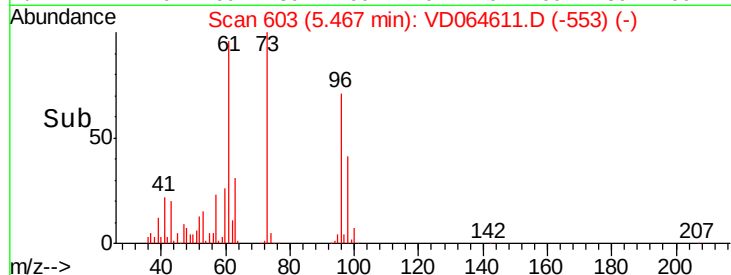
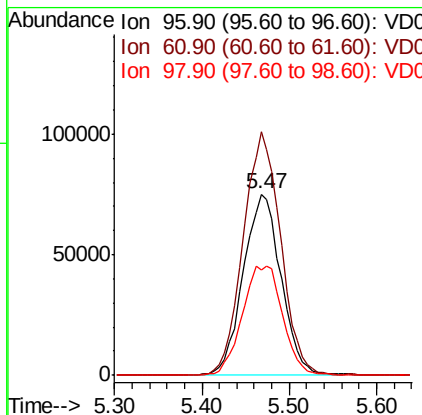
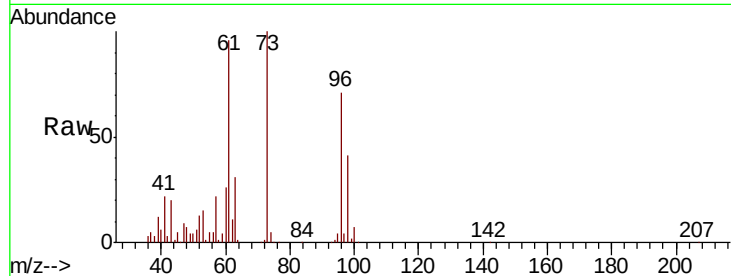
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	220924
Ion	Ratio	Lower	Upper
96	100		
61	134.2	104.7	157.1
98	57.9	49.4	74.2

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#22

Diisopropyl ether

Concen: 57.942 ug/l

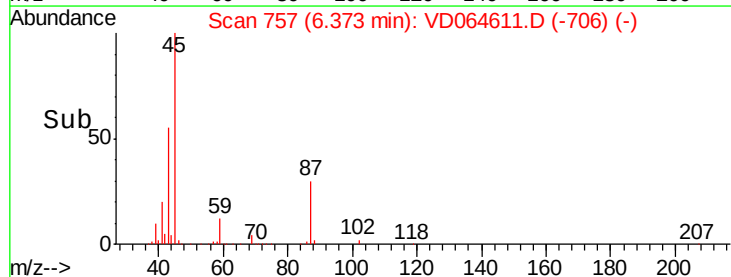
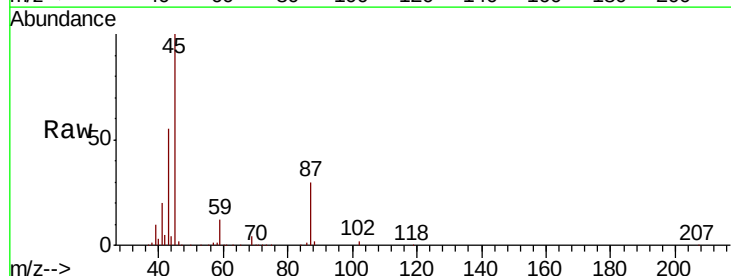
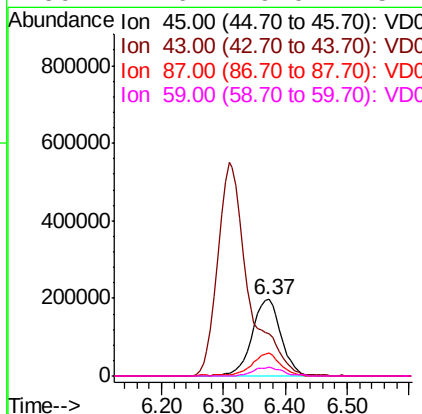
RT: 6.37 min Scan# 757

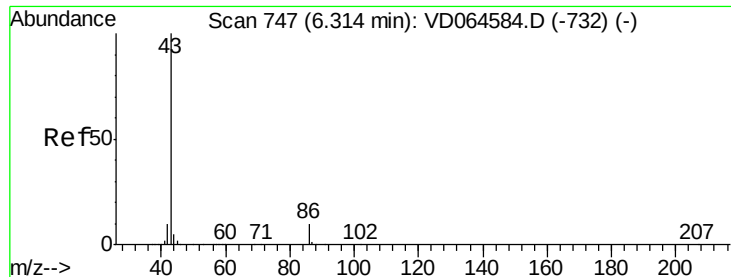
Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Tgt Ion:	45	Resp:	647572
Ion	Ratio	Lower	Upper
45	100		
43	55.0	43.2	64.8
87	29.5	21.9	32.9
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 298.442 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1892077

Ion Ratio Lower Upper

43 100

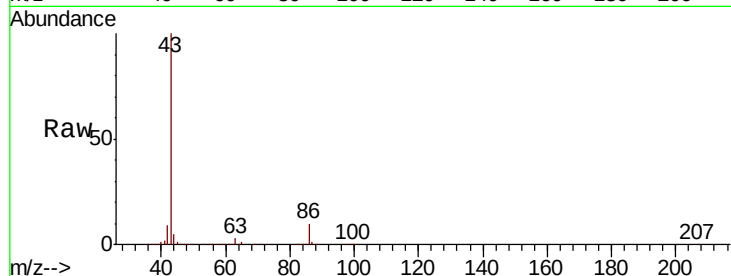
86 10.4 8.3 12.5

Manual Integrations

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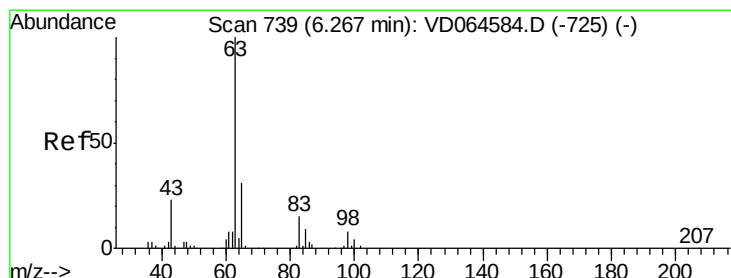
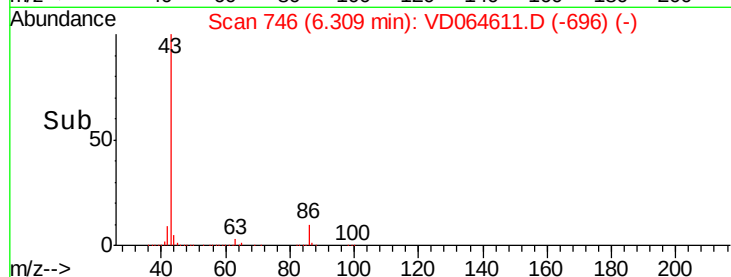
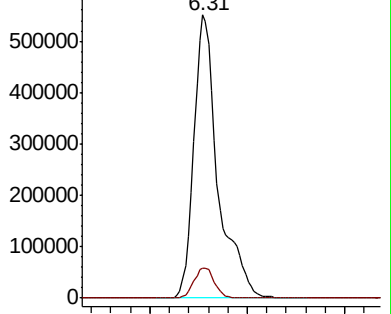
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 56.109 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

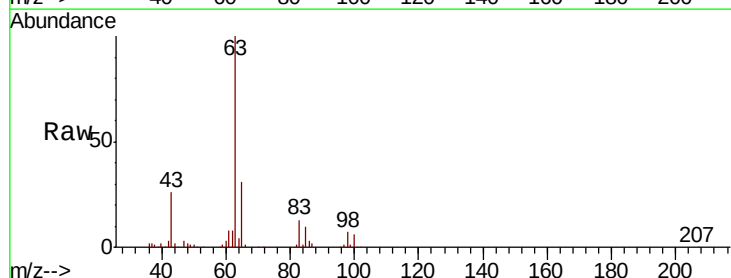
Tgt Ion: 63 Resp: 376463

Ion Ratio Lower Upper

63 100

98 7.2 4.1 12.3

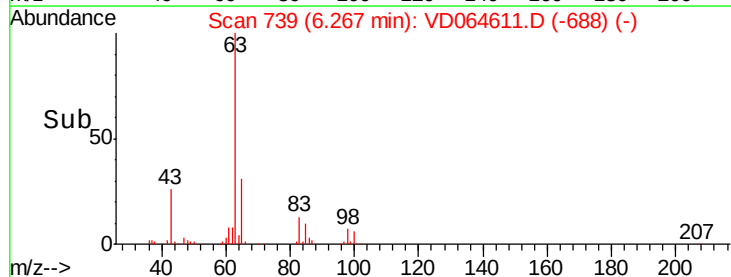
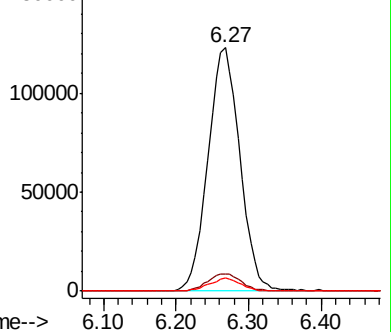
100 5.5 2.2 6.6

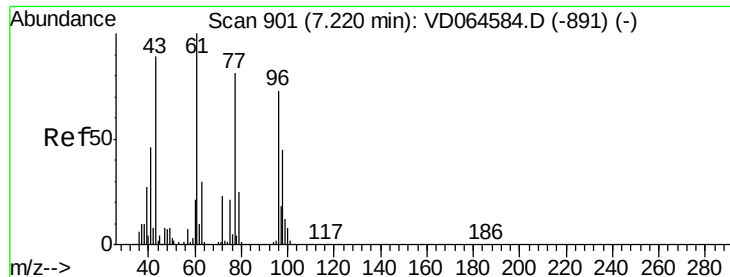


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





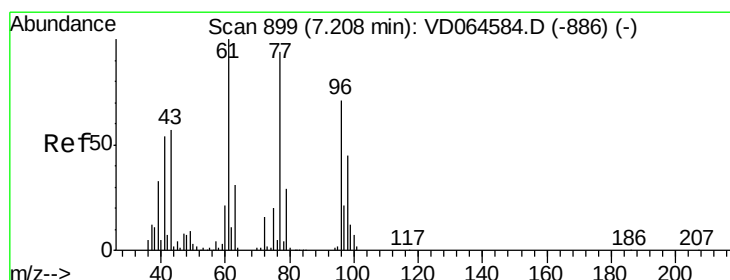
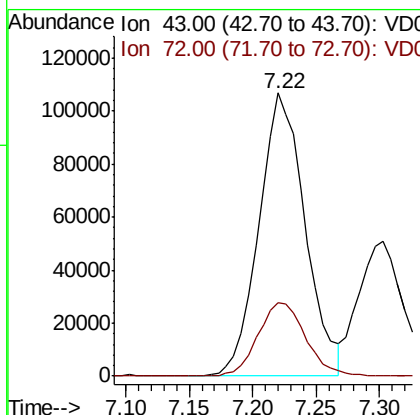
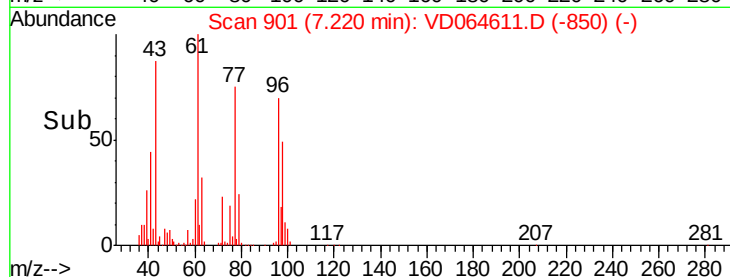
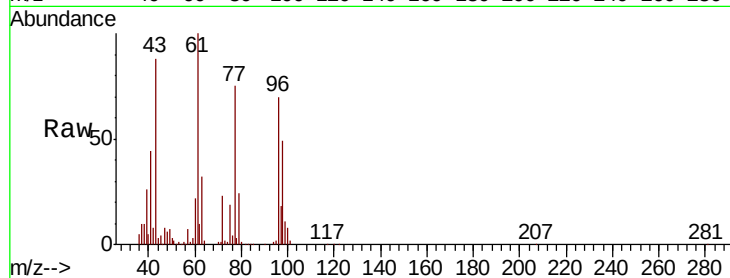
#25
2-Butanone
Concen: 273.760 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 271055
Ion Ratio Lower Upper
43 100
72 26.0 20.7 31.1

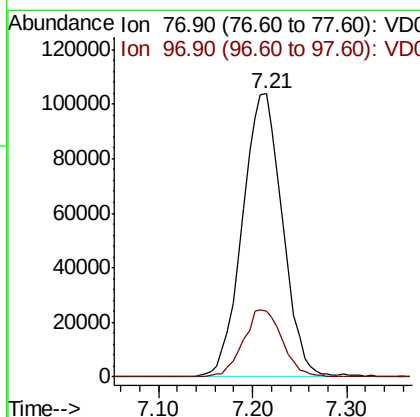
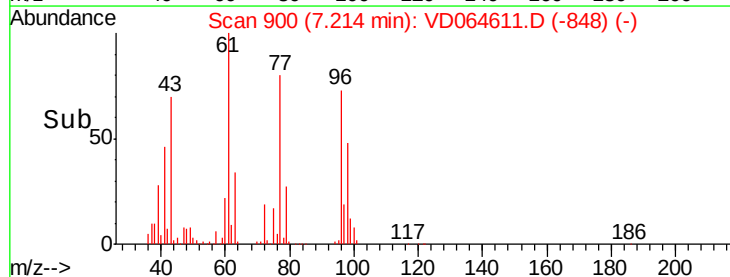
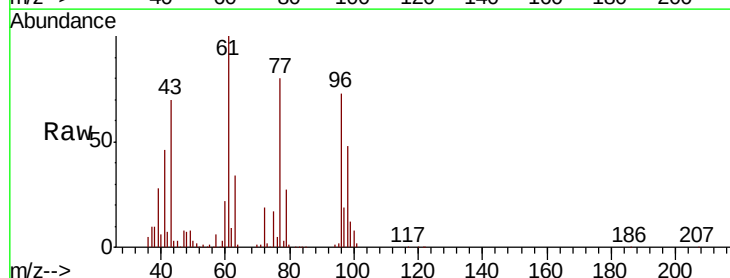
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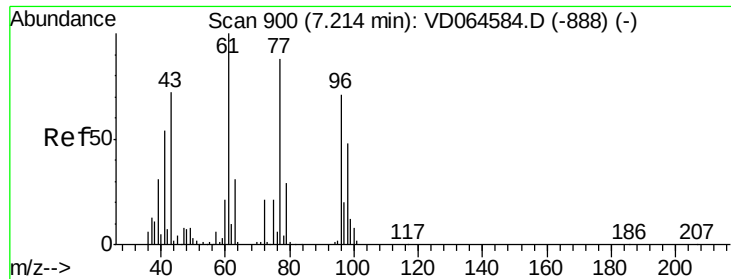
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#26
2,2-Dichloropropane
Concen: 48.931 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion: 77 Resp: 305239
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 56.342 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

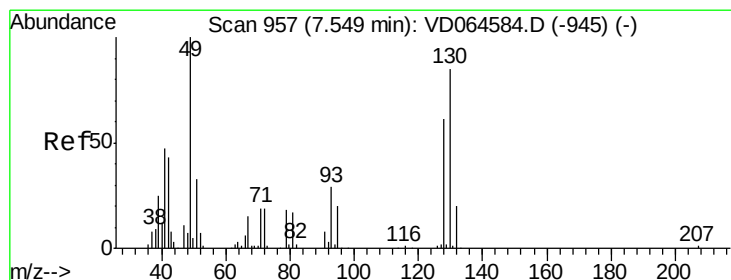
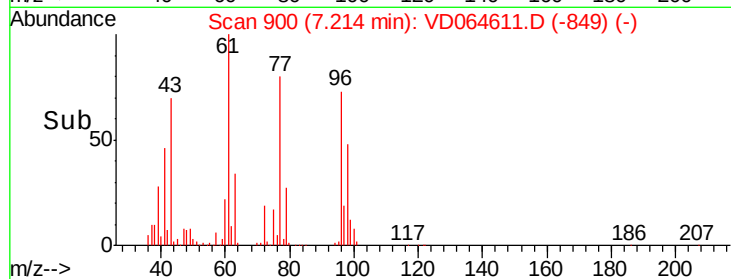
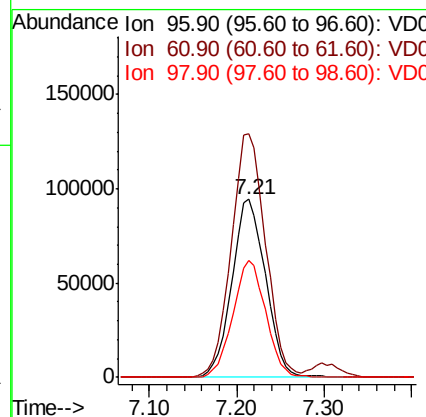
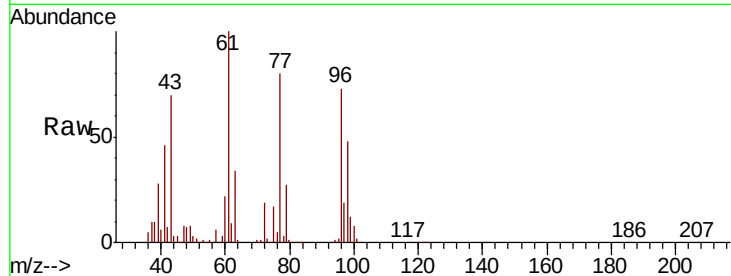
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	248869
Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	282.6
98	64.1	0.0	130.8

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#28

Bromochloromethane

Concen: 54.139 ug/l

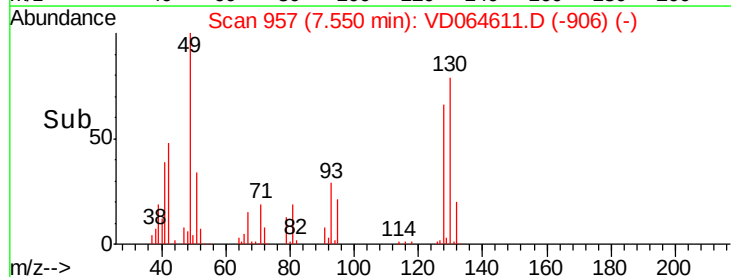
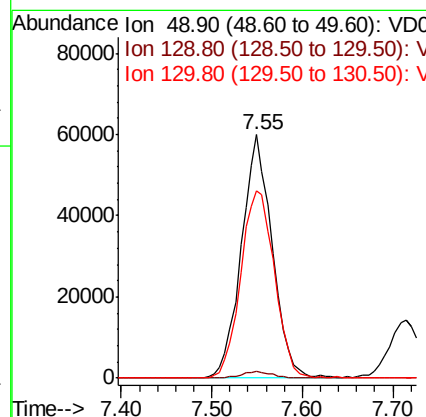
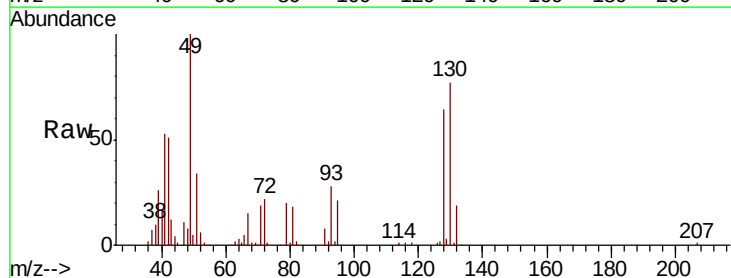
RT: 7.55 min Scan# 957

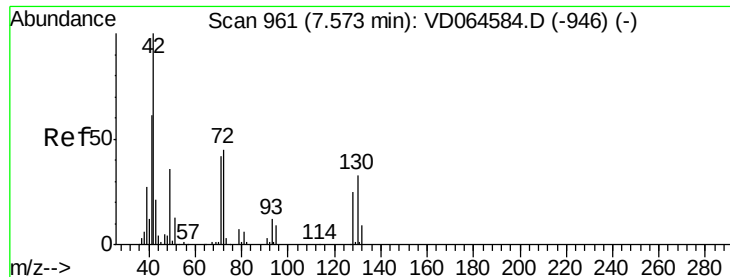
Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Tgt Ion:	49	Resp:	141205
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	84.3	65.0	97.6





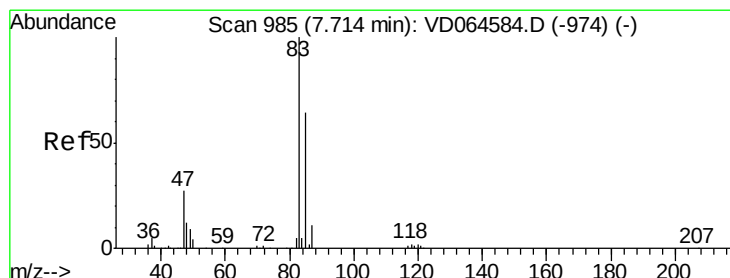
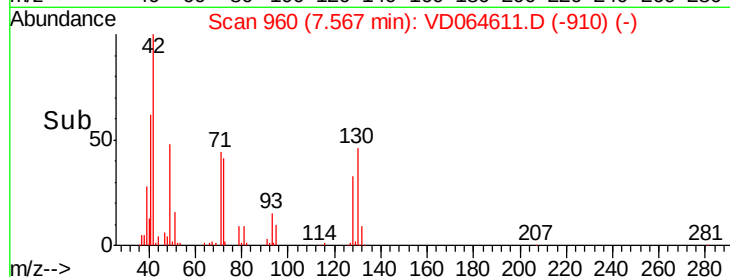
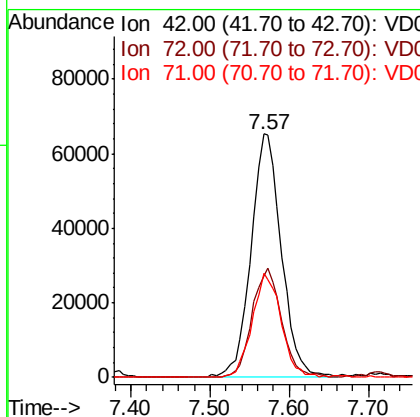
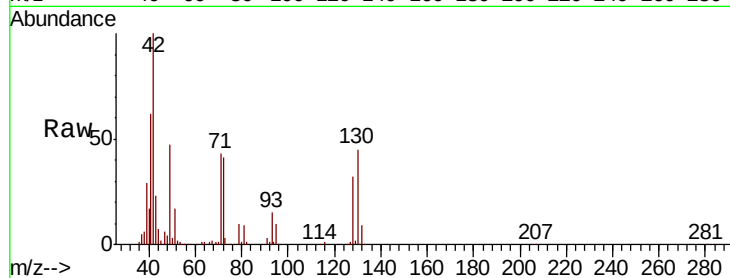
#29
Tetrahydrofuran
Concen: 283.715 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.0	52.4
71	40.7	32.9	49.3

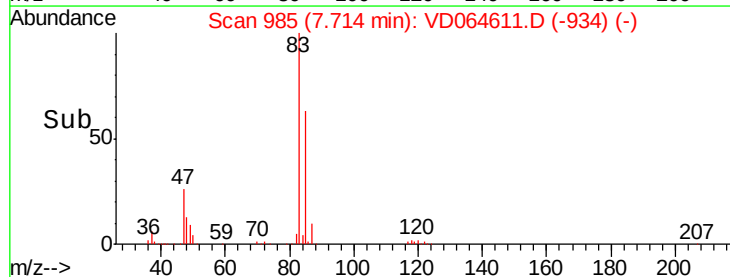
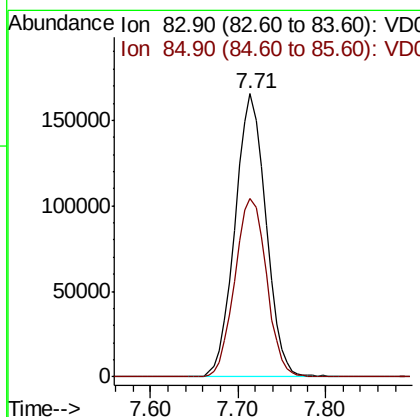
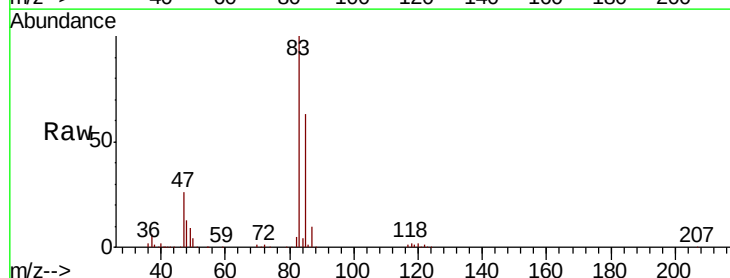
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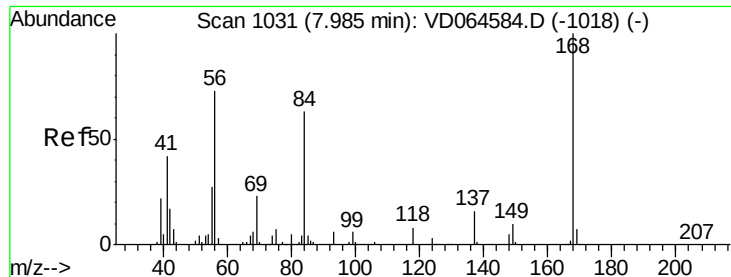
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#30
Chloroform
Concen: 56.213 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.1	76.7





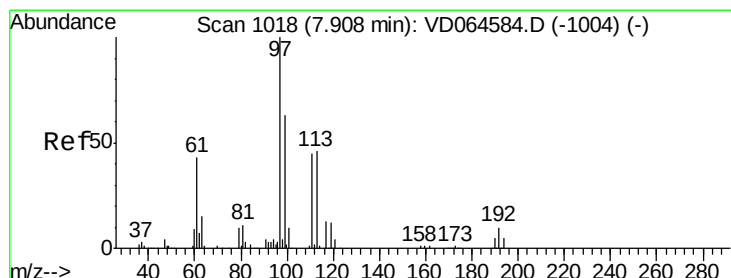
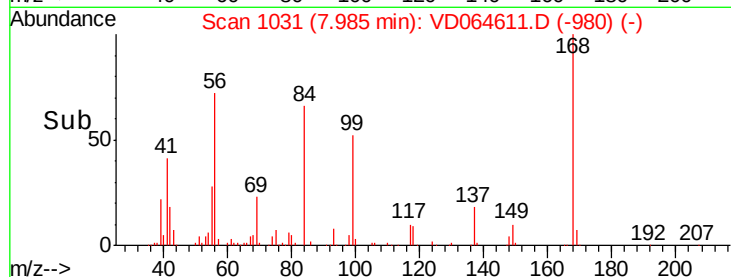
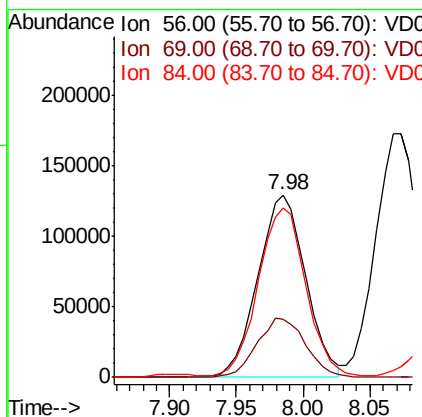
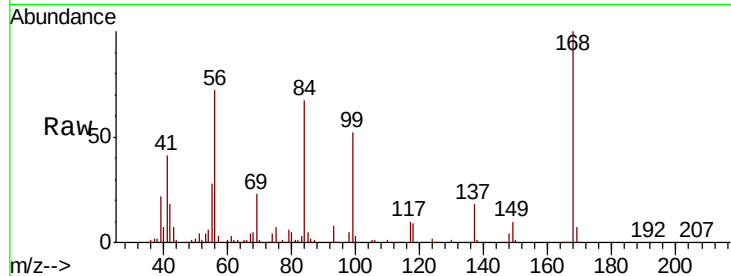
#31
Cyclohexane
Concen: 47.818 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.7	37.1
84	91.3	69.4	104.2

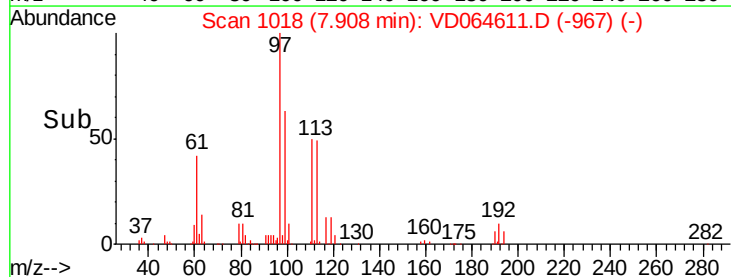
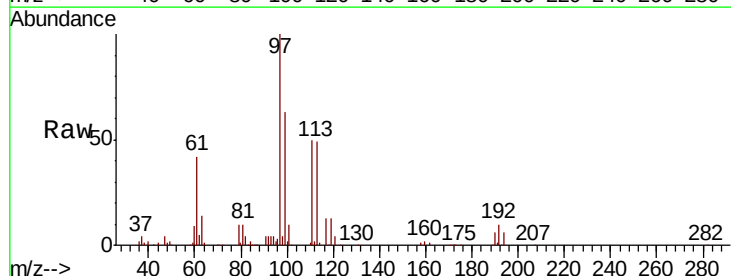
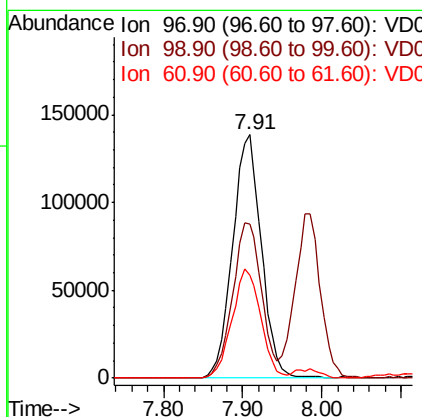
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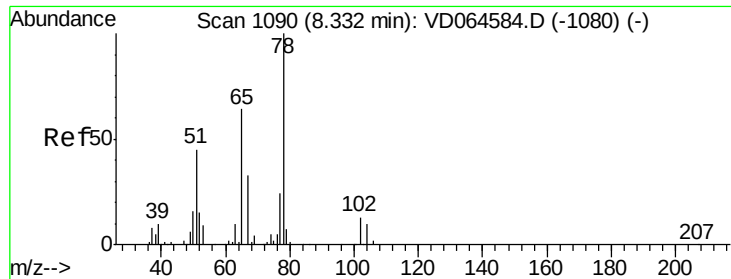
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#32
1,1,1-Trichloroethane
Concen: 52.570 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.6
61	44.6	35.4	53.0





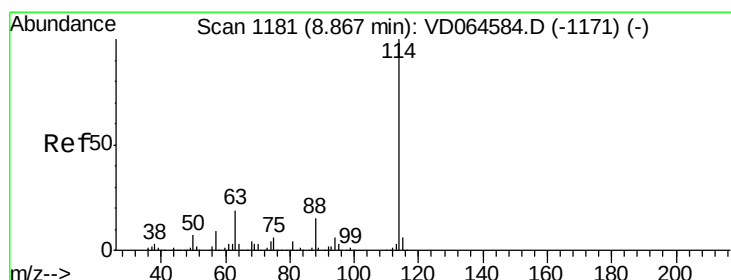
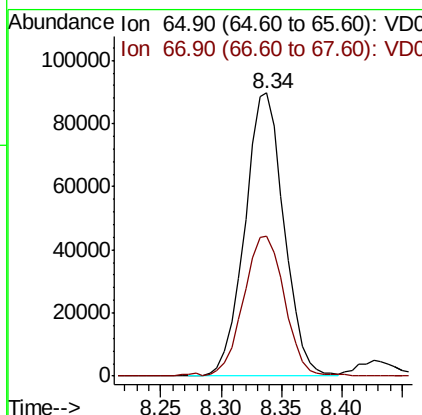
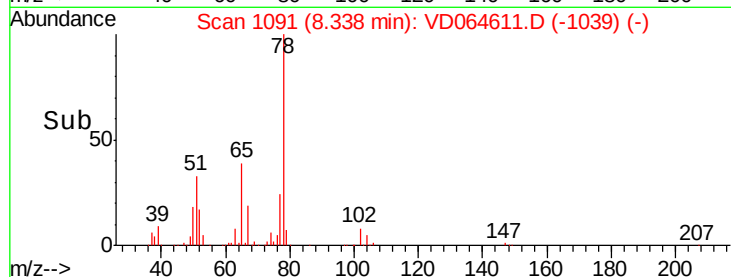
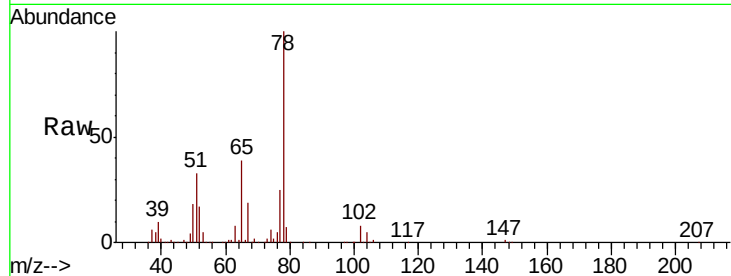
#33
 1,2-Dichloroethane-d4
 Concen: 56.136 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	202203		
67	51.7	0.0	106.2	

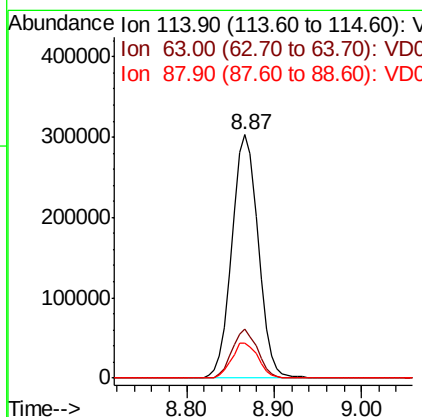
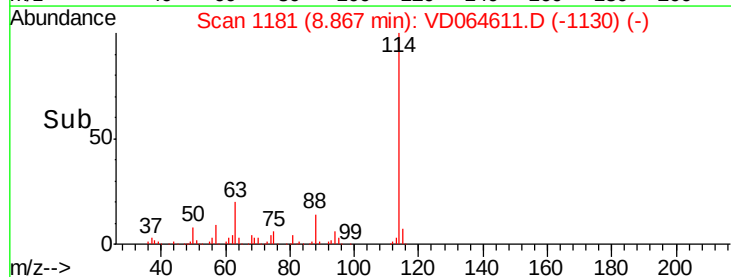
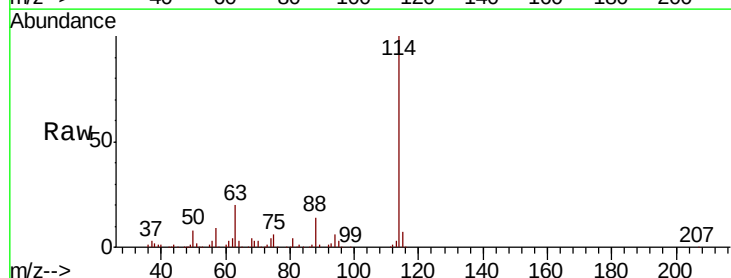
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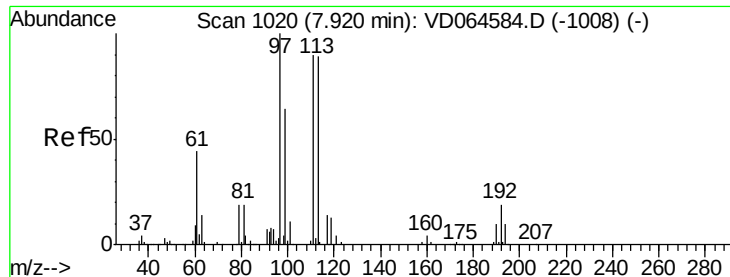
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	617090		
63	20.2	0.0	38.0	
88	14.3	0.0	29.2	





#35

Dibromofluoromethane

Concen: 53.323 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

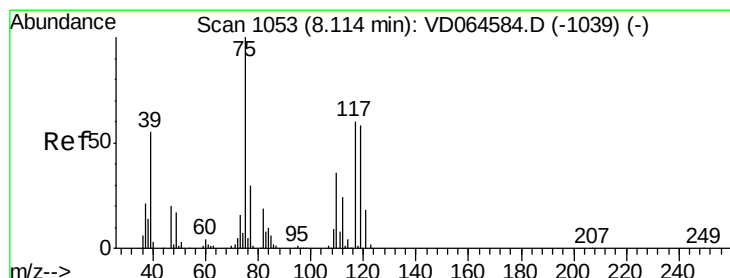
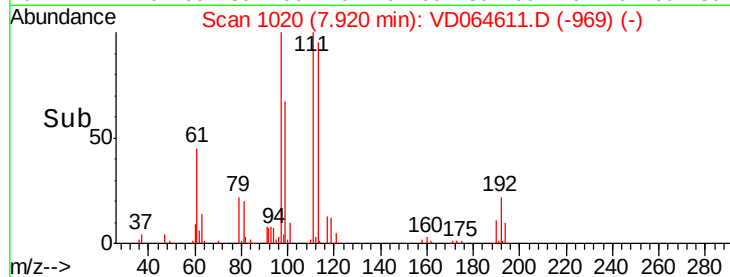
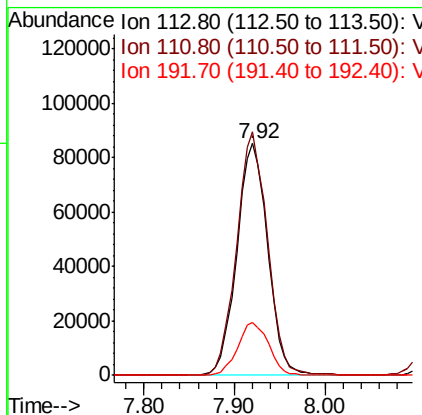
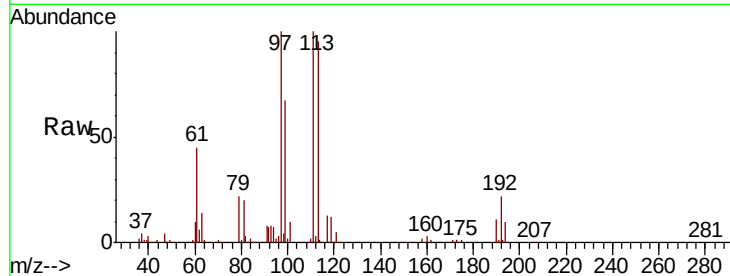
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	201879
Ion Ratio	Lower	Upper	
113	100		
111	104.9	80.6	121.0
192	22.7	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 49.561 ug/l

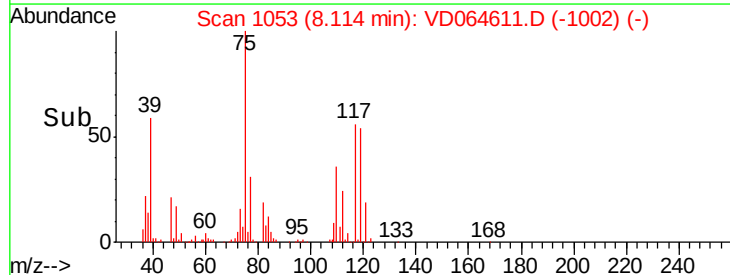
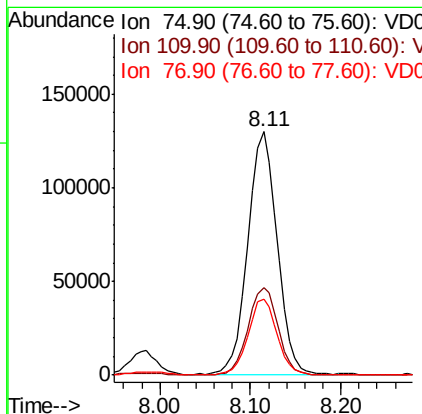
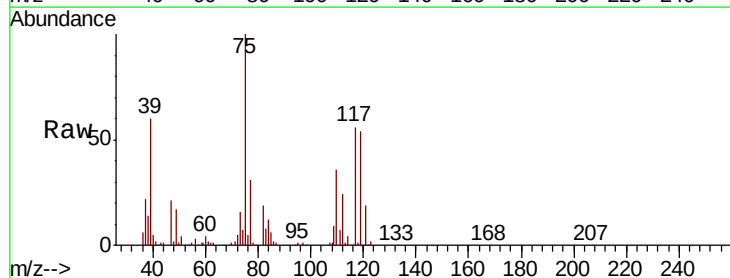
RT: 8.11 min Scan# 1053

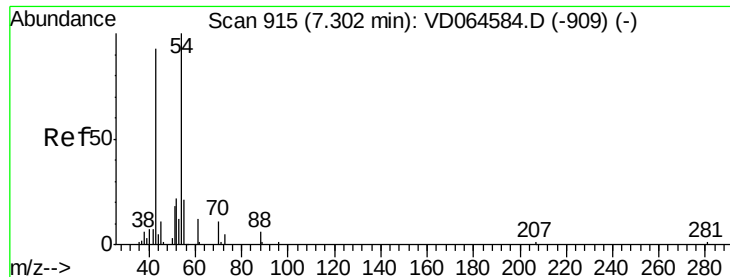
Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Tgt Ion:	75	Resp:	294369
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.1	54.1
77	30.3	24.2	36.4





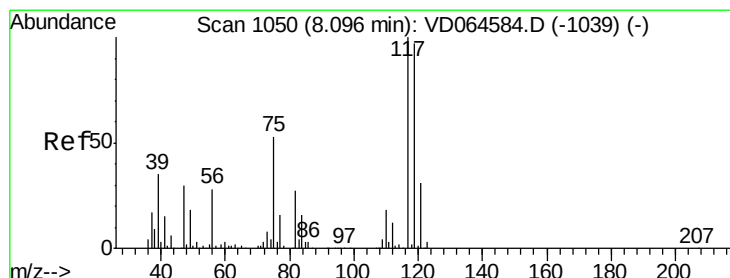
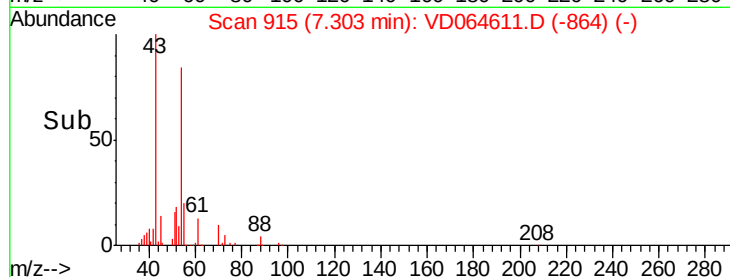
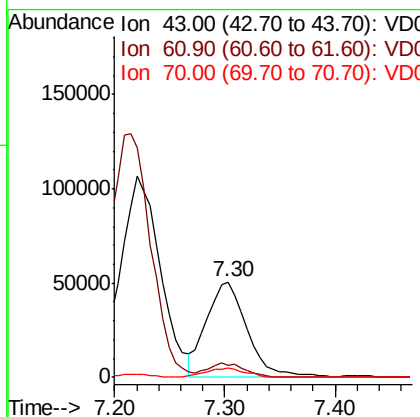
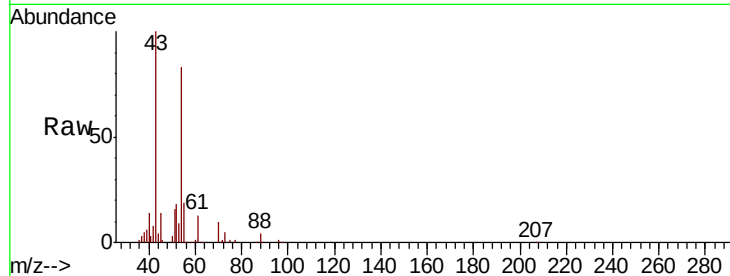
#37
Ethyl Acetate
Concen: 54.563 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.3	15.5
70	9.8	7.6	11.4

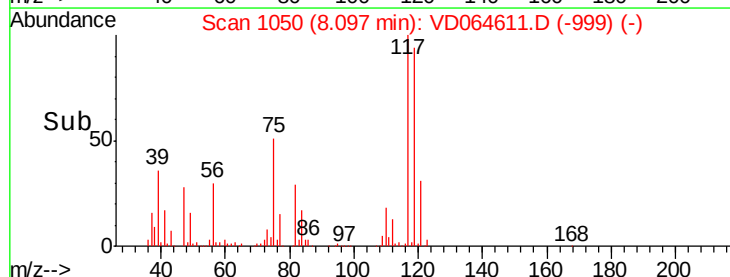
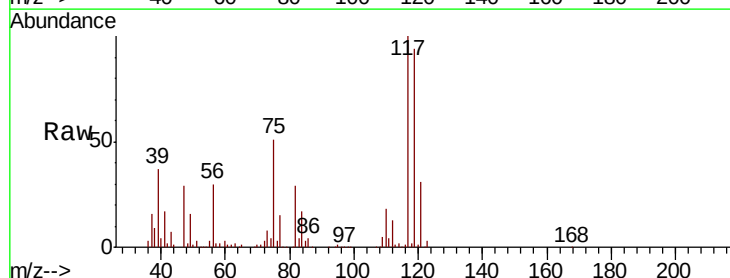
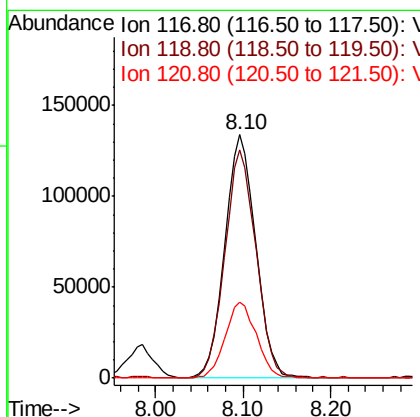
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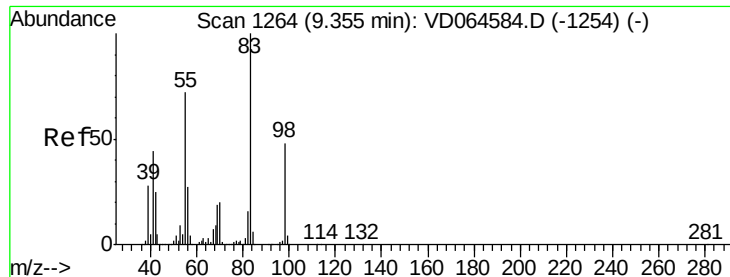
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#38
Carbon Tetrachloride
Concen: 50.755 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.3	115.9
121	31.2	25.0	37.6





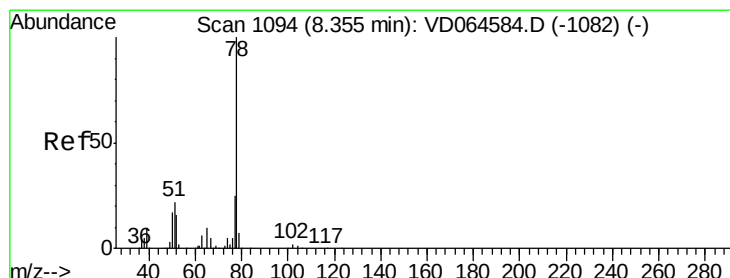
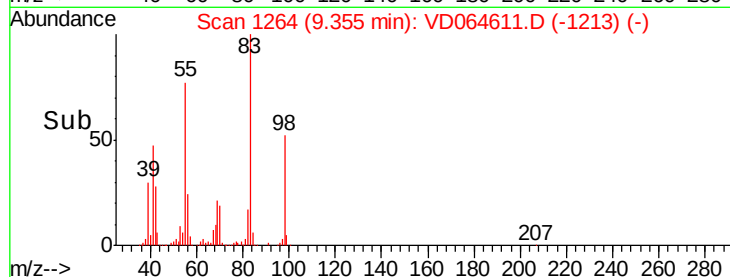
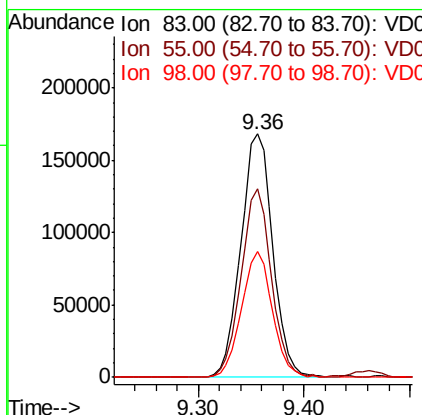
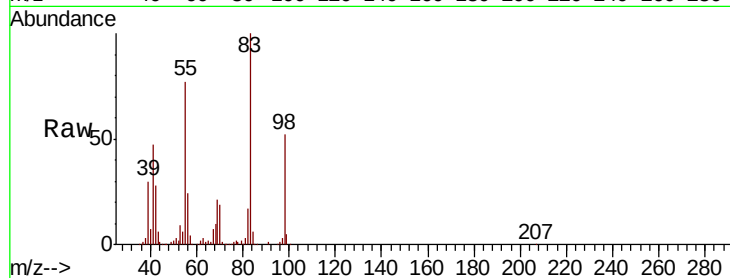
#39
Methylvlcyclohexane
Concen: 49.068 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	57.8	86.6
98	51.8	38.7	58.1

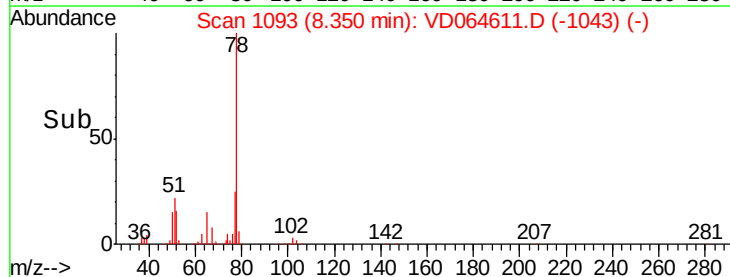
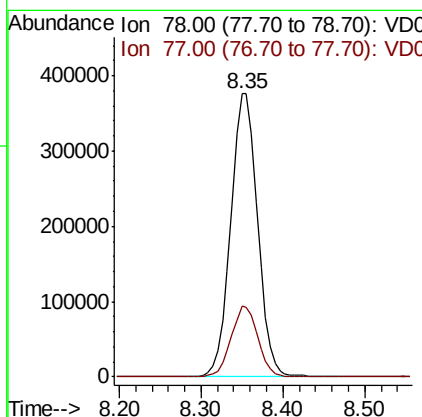
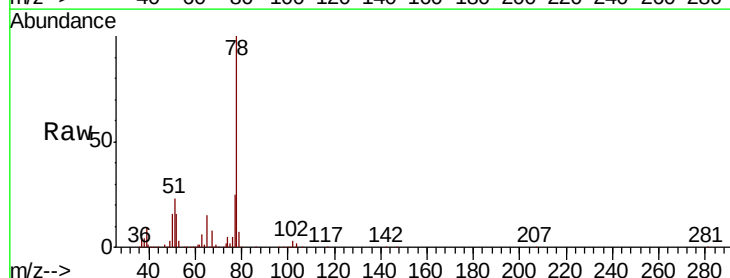
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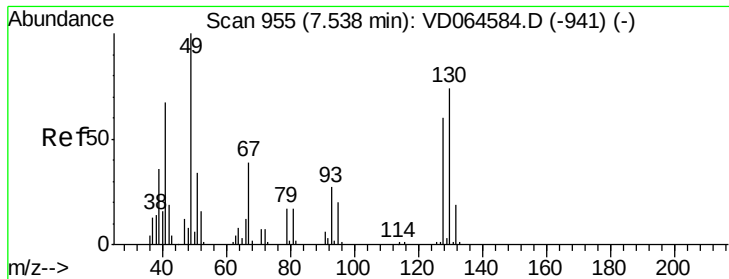
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#40
Benzene
Concen: 53.073 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.9	29.9





#41

Methacrylonitrile

Concen: 53.772 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 72797

Ion Ratio Lower Upper

41 100

39 55.4 46.7 70.1

67 74.9 52.5 78.7

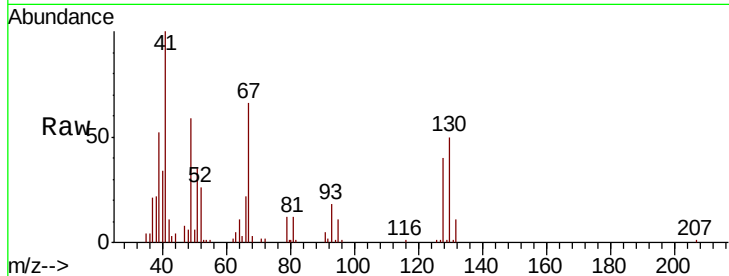
52 31.3 24.1 36.1

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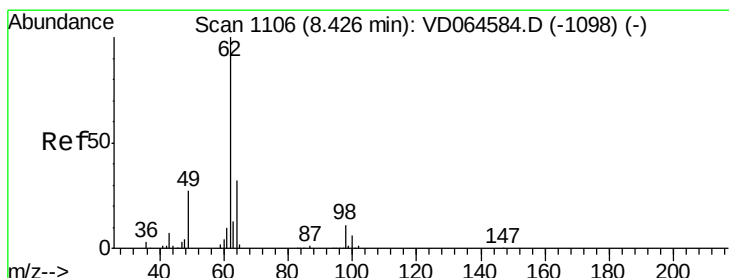
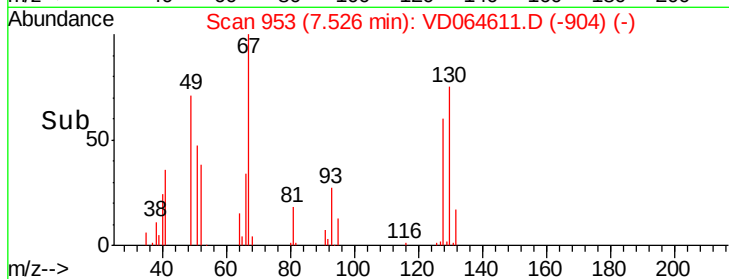
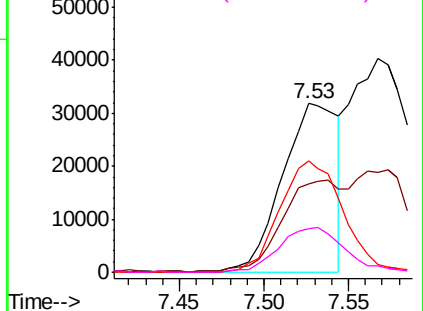


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 54.355 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD064611.D

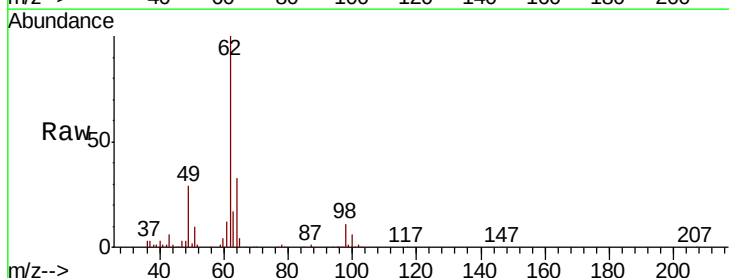
Acq: 26 Dec 2019 20:53

Tgt Ion: 62 Resp: 254677

Ion Ratio Lower Upper

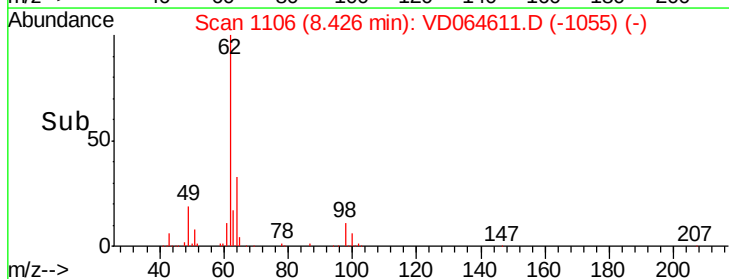
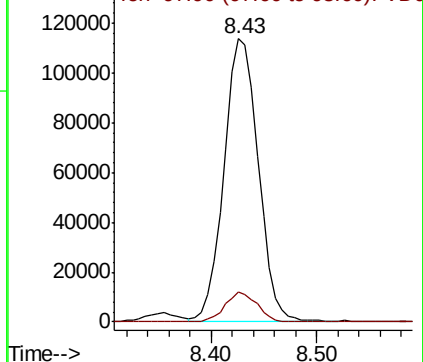
62 100

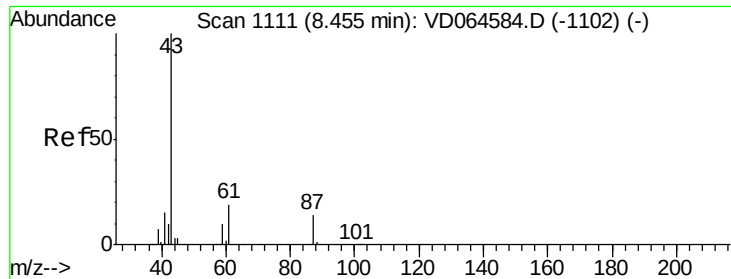
98 9.9 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 54.313 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

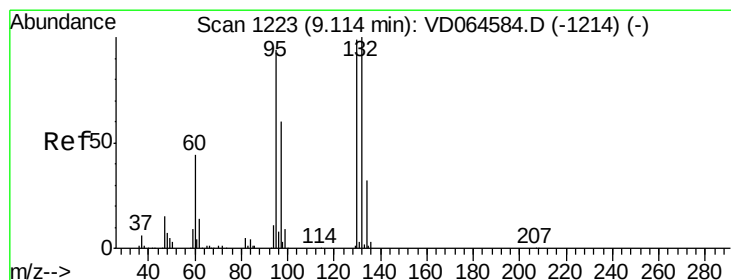
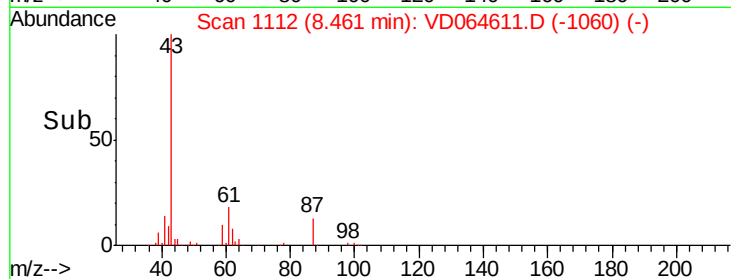
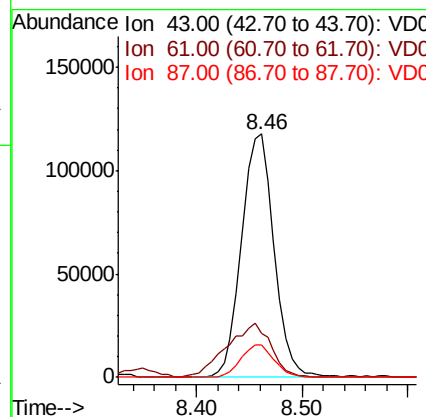
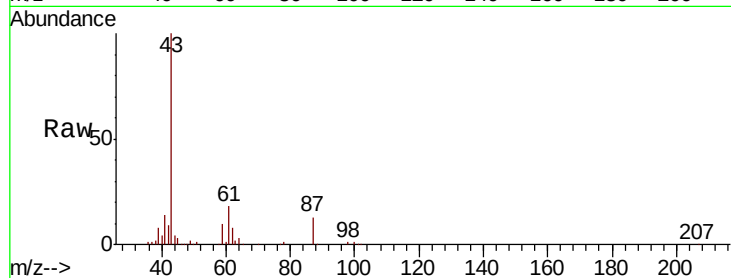
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	252245
Ion Ratio	Lower	Upper	
43	100		
61	30.5	23.7	35.5
87	13.5	10.5	15.7

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#44

Trichloroethene

Concen: 51.479 ug/l

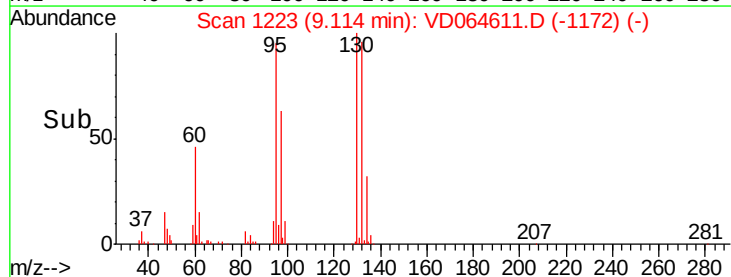
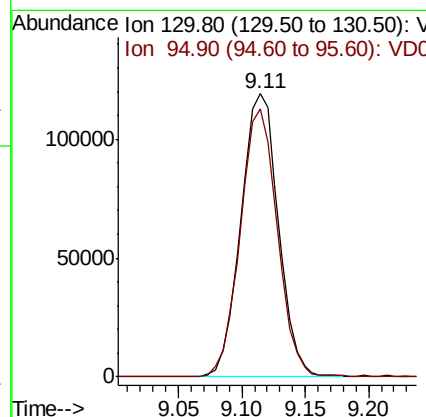
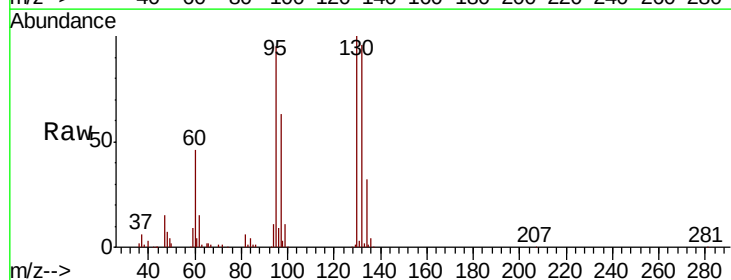
RT: 9.11 min Scan# 1223

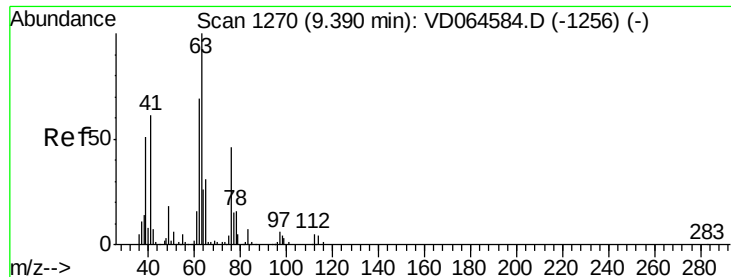
Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Tgt Ion:	130	Resp:	245207
Ion Ratio	Lower	Upper	
130	100		
95	94.8	0.0	190.2





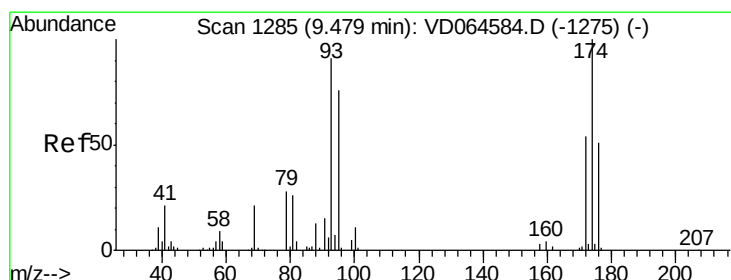
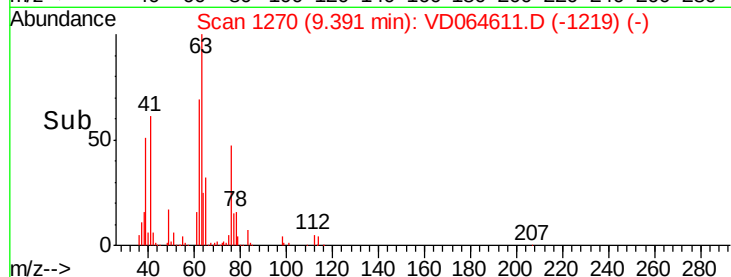
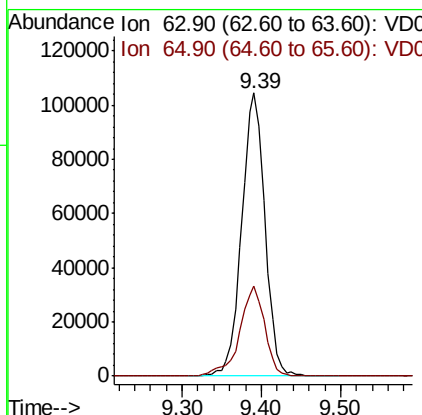
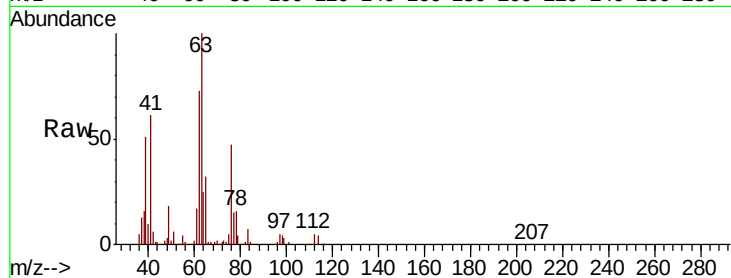
#45
 1,2-Dichloropropane
 Concen: 54.870 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.2	37.8

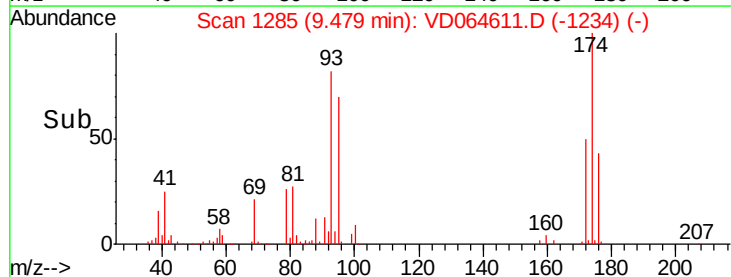
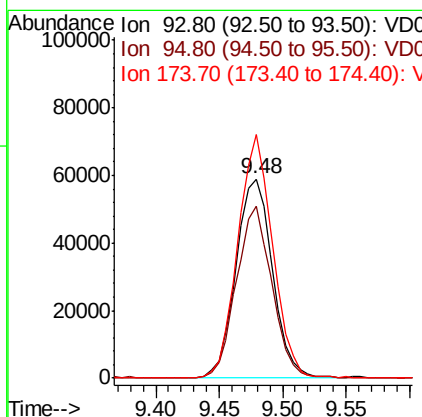
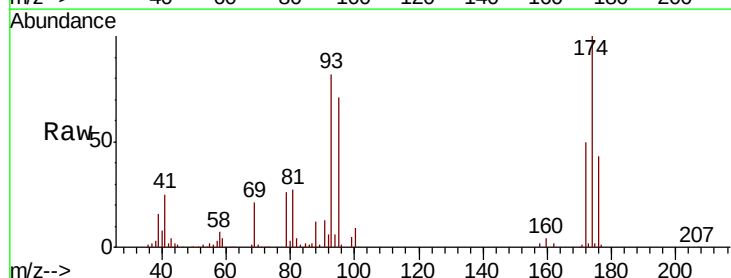
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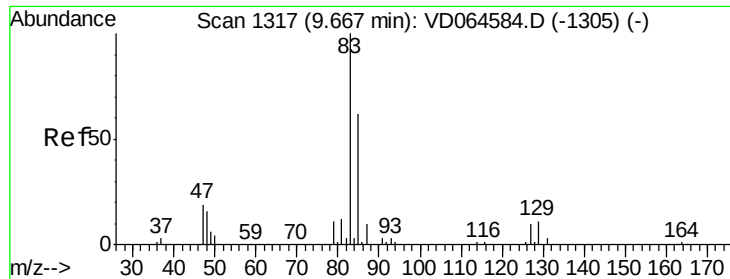
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#46
 Dibromomethane
 Concen: 54.860 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	64.6	97.0
174	115.8	88.1	132.1





#47

Bromodichloromethane

Concen: 55.413 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

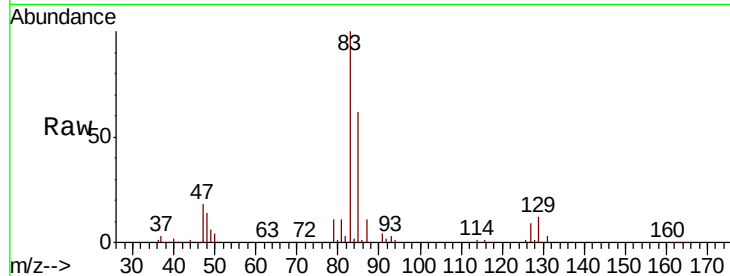
ClientSampleId :

VSTDCCC050EC

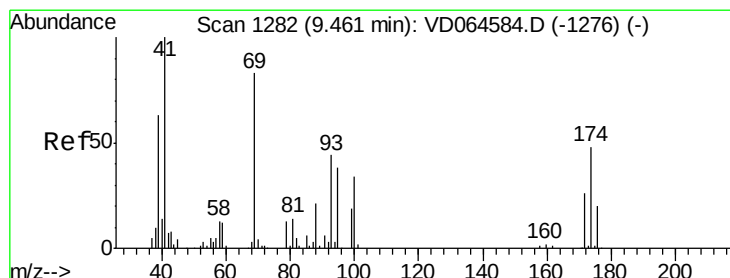
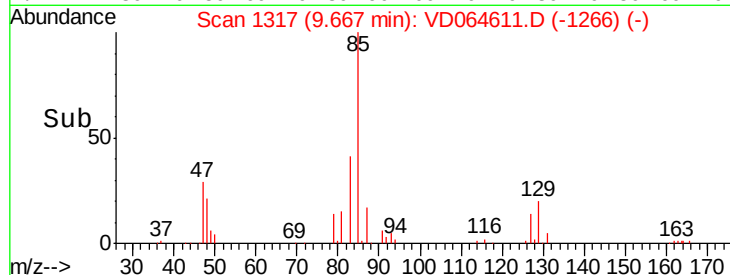
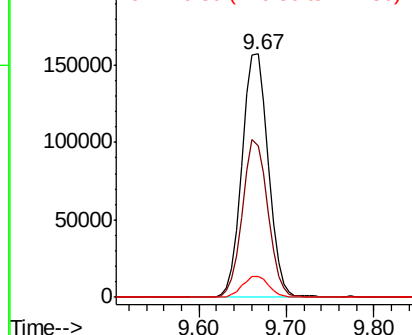
Tot Ion:	83	Resp:	318260
Ion Ratio	Lower	Upper	
83	100		
85	62.1	49.5	74.3
127	8.6	7.8	11.6

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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 53.224 ug/l

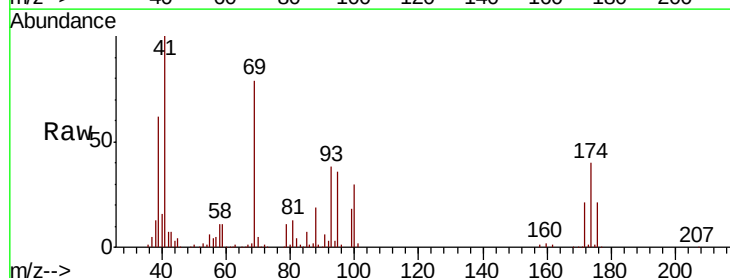
RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

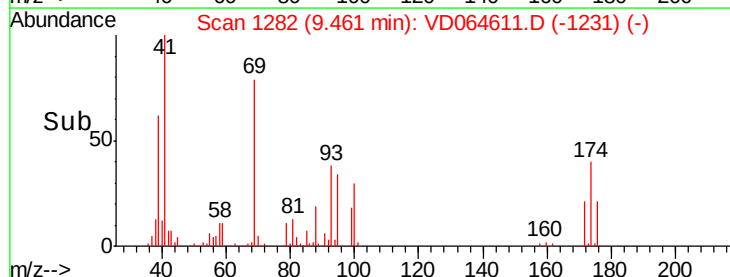
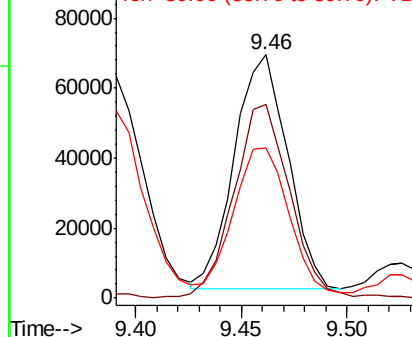
Lab File: VD064611.D

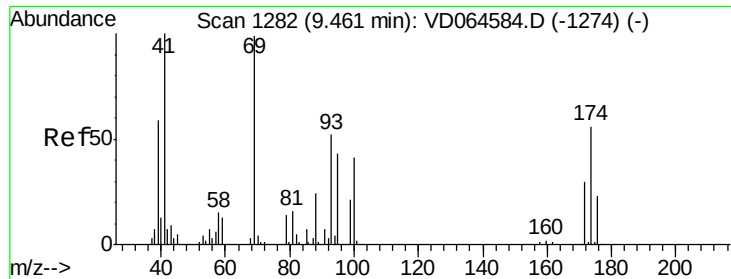
Acq: 26 Dec 2019 20:53

Tgt Ion:	41	Resp:	116390
Ion Ratio	Lower	Upper	
41	100		
69	87.0	63.0	94.6
39	64.2	47.4	71.2



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





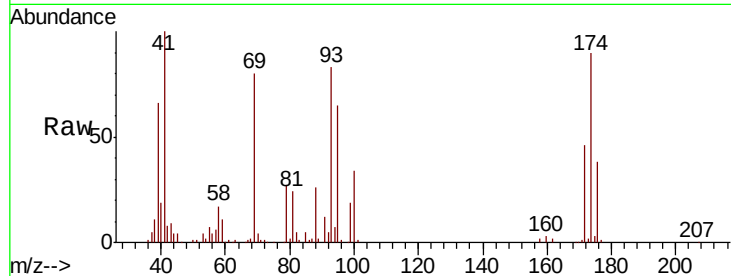
#49
1,4-Dioxane
Concen: 1126.173 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

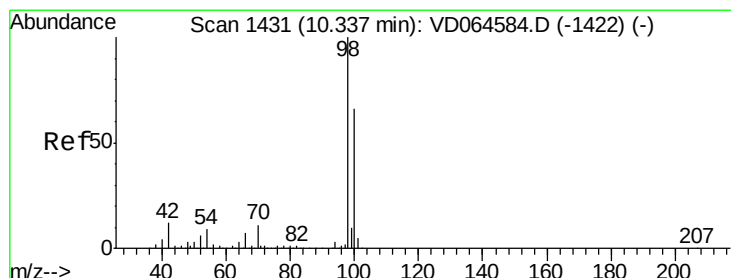
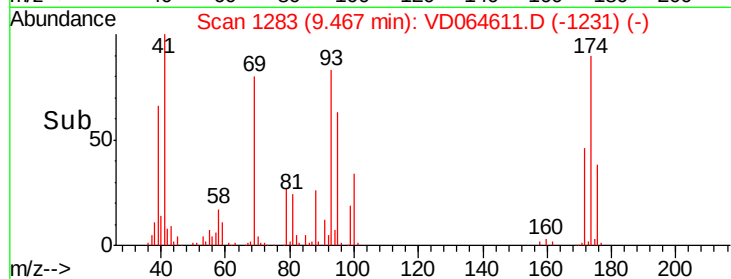
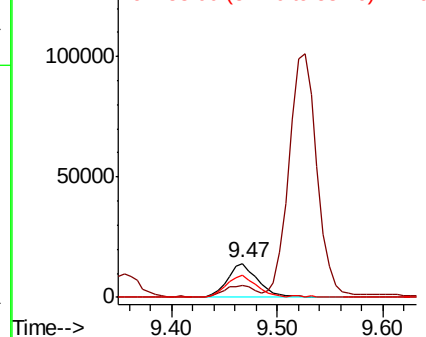
Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	33.9	27.7	41.5	
58	63.1	53.8	80.6	

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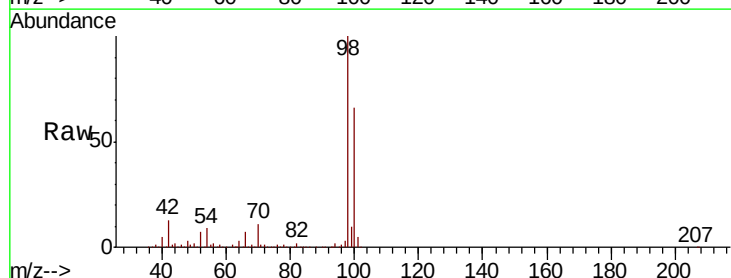


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

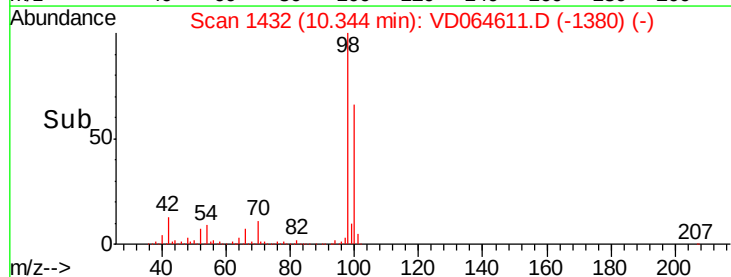
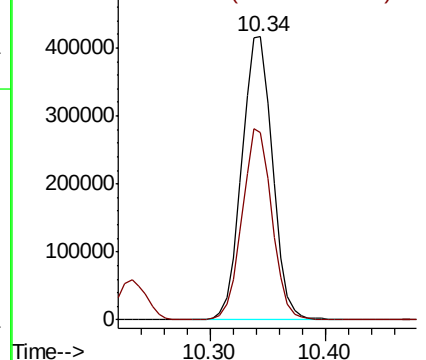


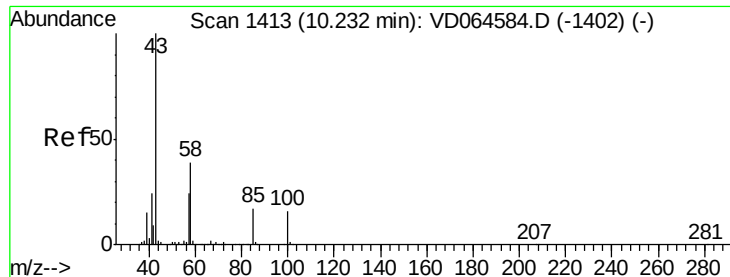
#50
Toluene-d8
Concen: 52.891 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	65.3	51.7	77.5	



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





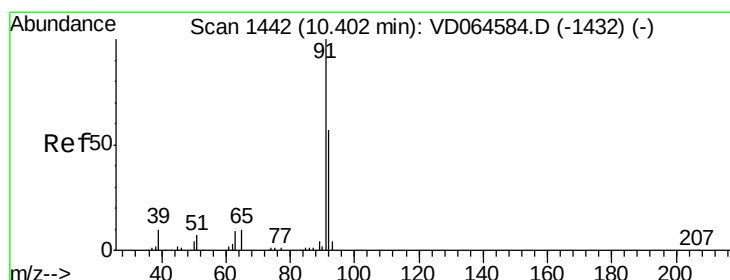
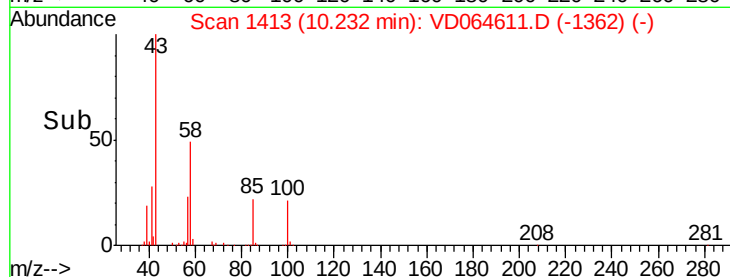
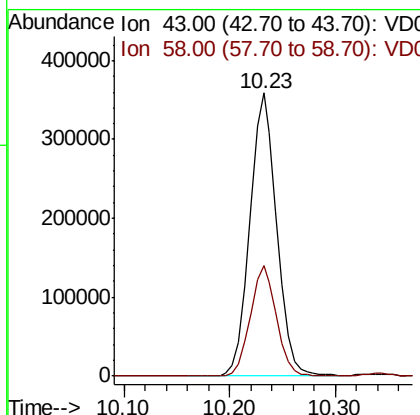
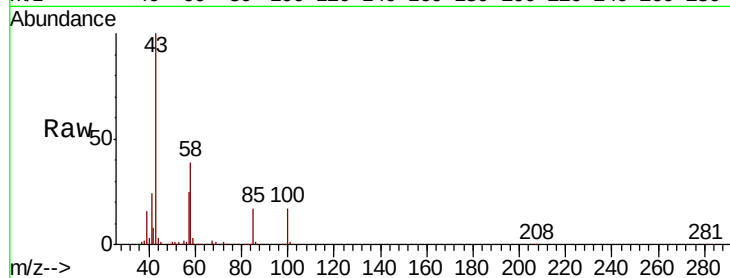
#51
4-Methyl-2-Pentanone
Concen: 276.710 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.1	30.2	45.2

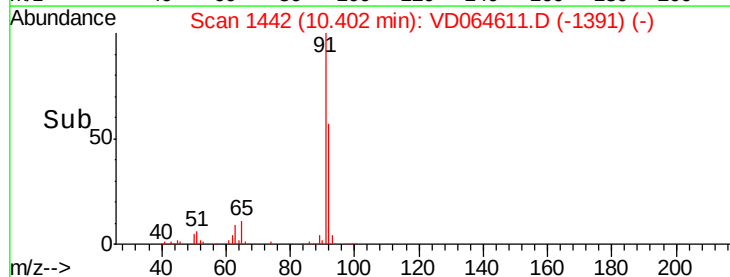
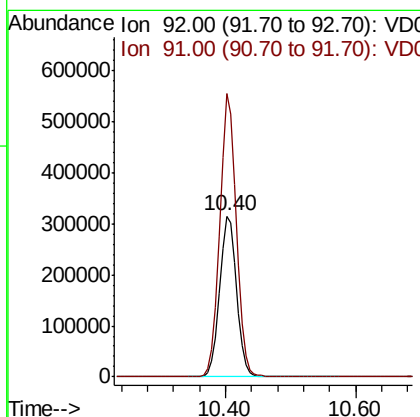
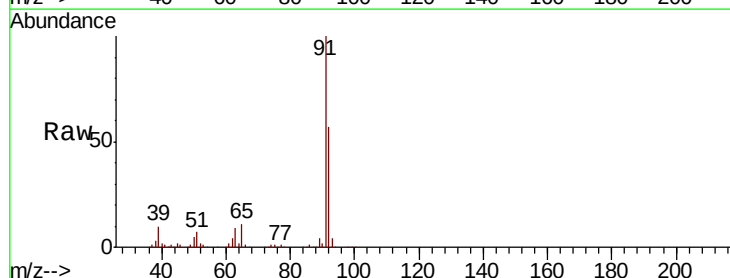
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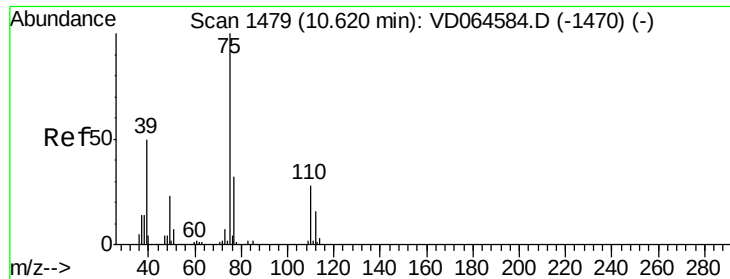
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#52
Toluene
Concen: 53.374 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.5	138.7	208.1





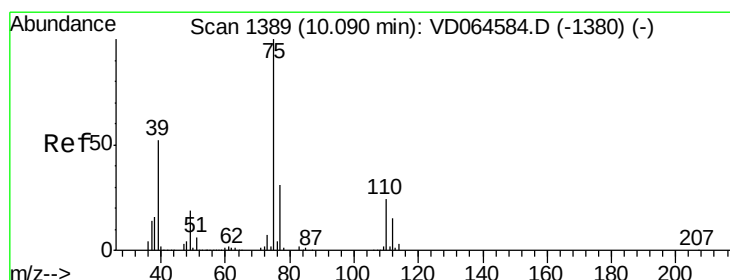
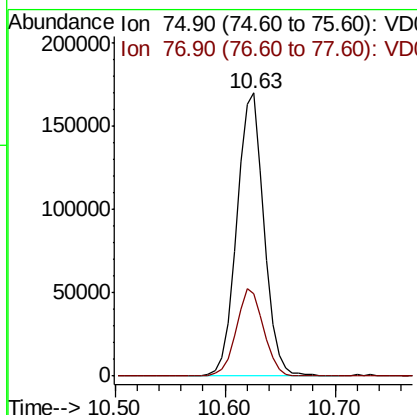
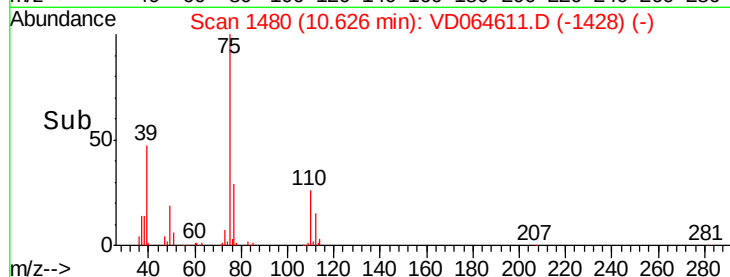
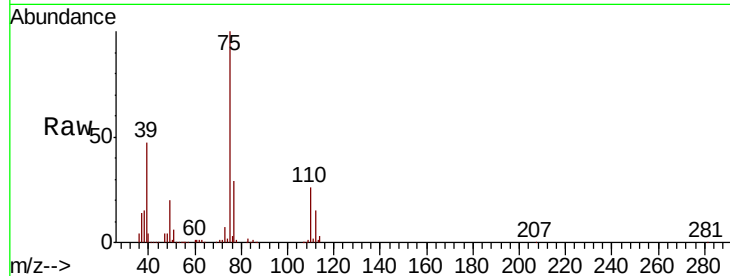
#53
t-1,3-Dichloropropene
Concen: 54.774 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.01 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 293301
Ion Ratio Lower Upper
75 100
77 29.2 25.4 38.2

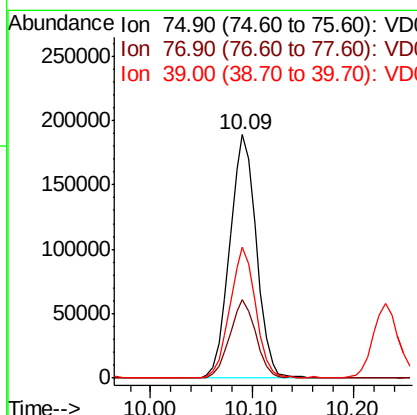
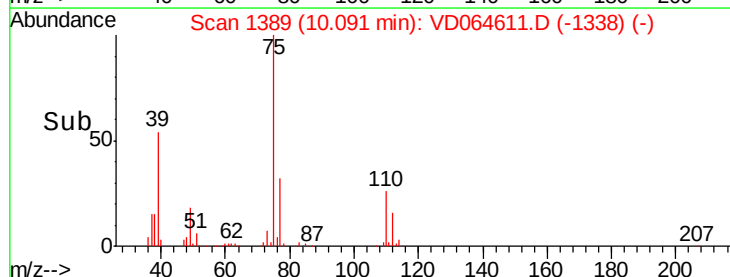
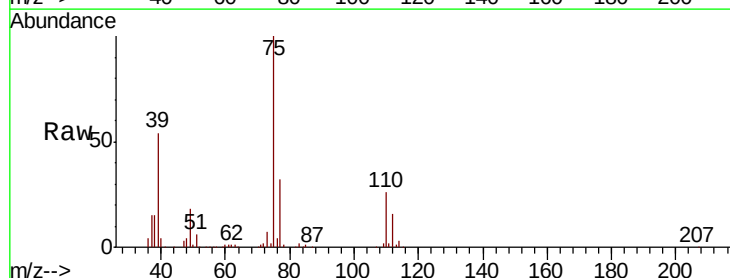
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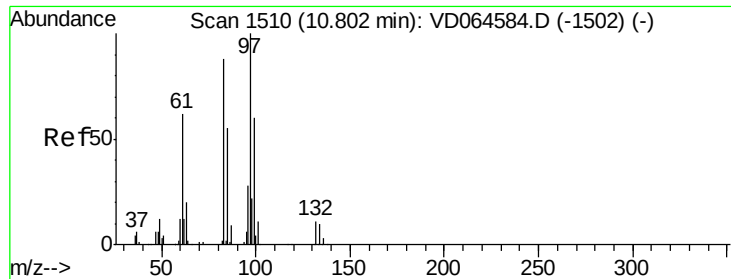
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#54
cis-1,3-Dichloropropene
Concen: 54.388 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion: 75 Resp: 343404
Ion Ratio Lower Upper
75 100
77 32.2 24.6 36.8
39 53.7 41.4 62.2





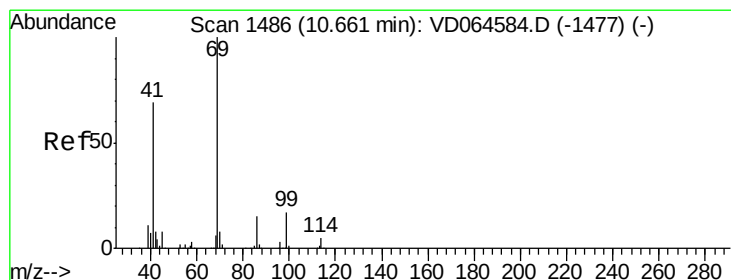
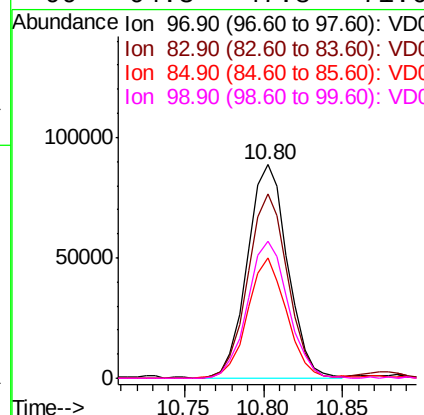
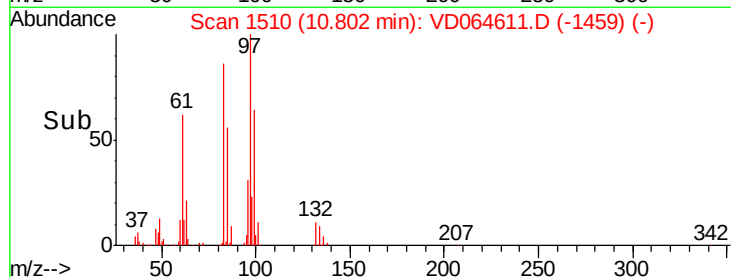
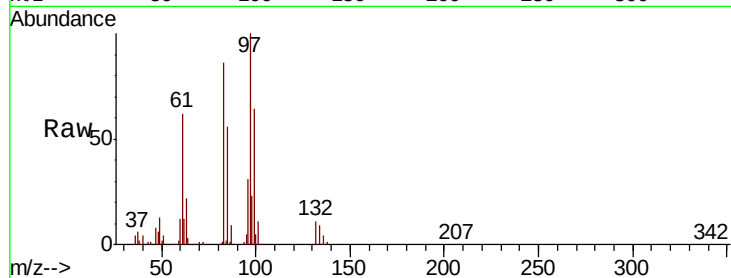
#55
 1,1,2-Trichloroethane
 Concen: 53.790 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.2	105.4
85	56.4	44.0	66.0
99	64.3	47.8	71.6

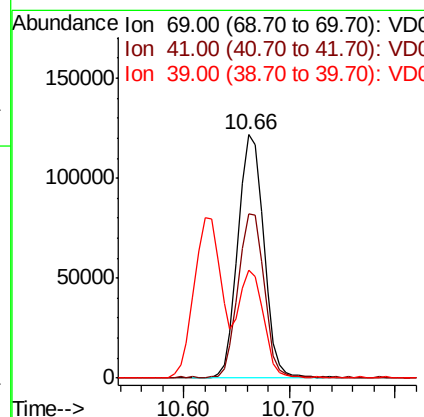
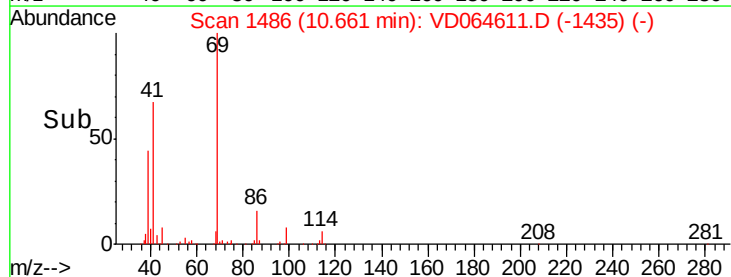
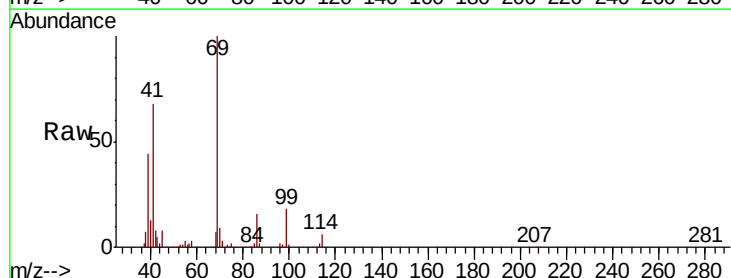
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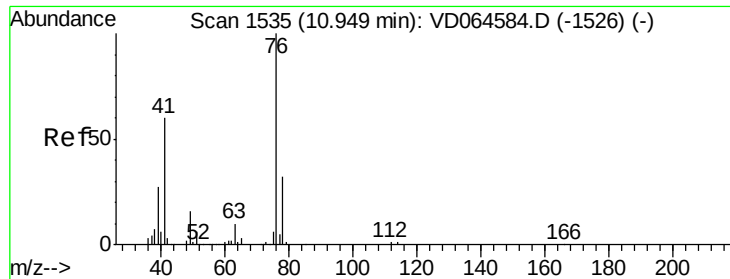
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#56
 Ethyl methacrylate
 Concen: 56.780 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.2	55.3	82.9
39	42.1	33.8	50.8





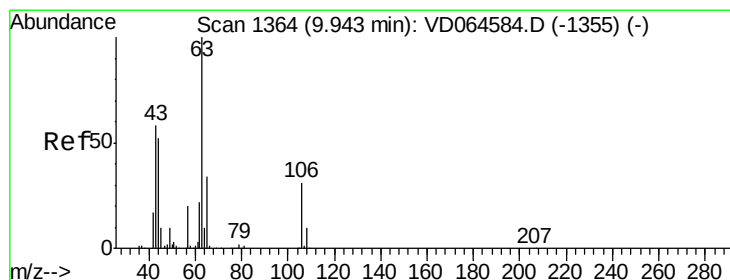
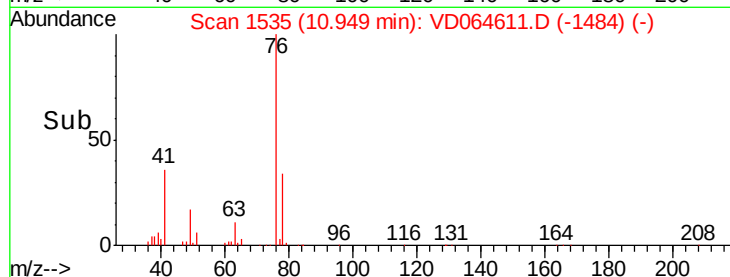
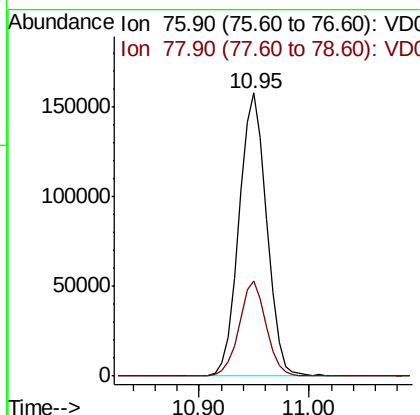
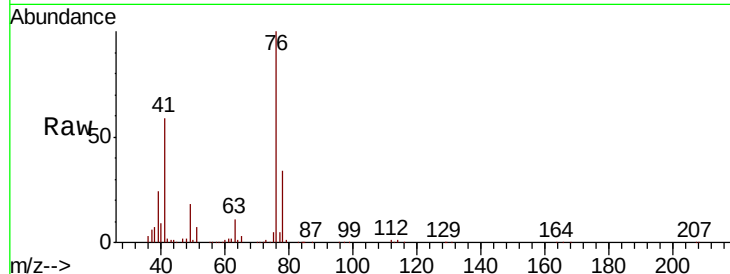
#57
 1,3-Dichloropropane
 Concen: 55.559 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 278260
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4

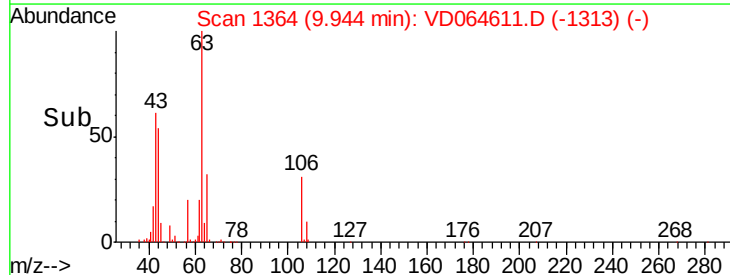
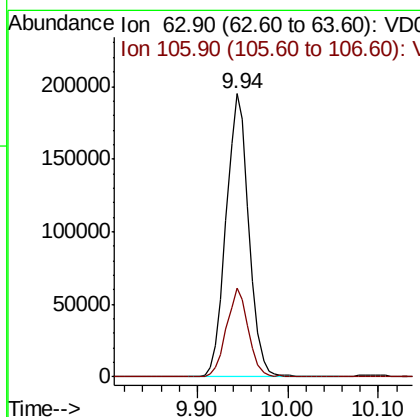
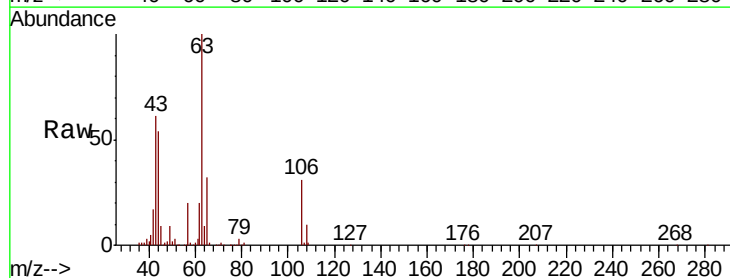
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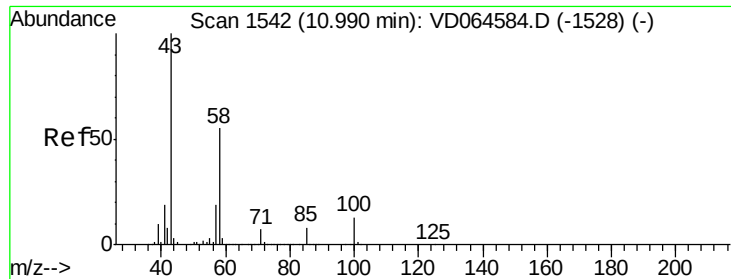
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#58
 2-Chloroethyl Vinyl ether
 Concen: 245.366 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Tgt Ion: 63 Resp: 339596
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.8 35.8





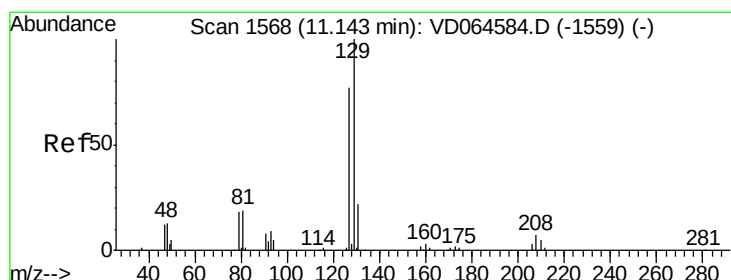
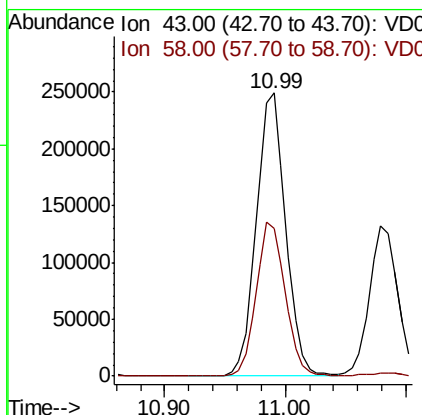
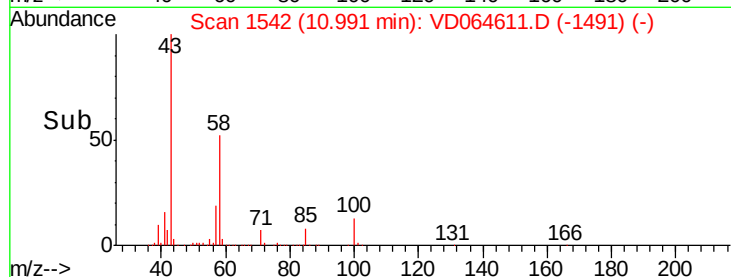
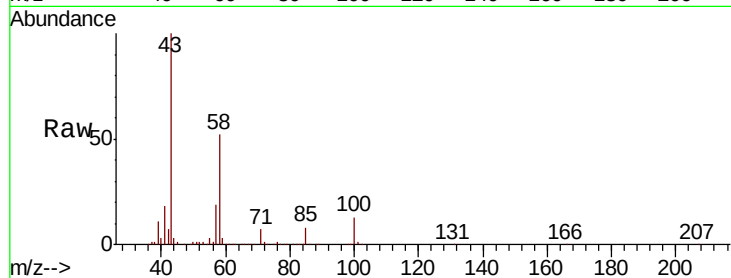
#59
2-Hexanone
Concen: 270.296 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 421136
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.0

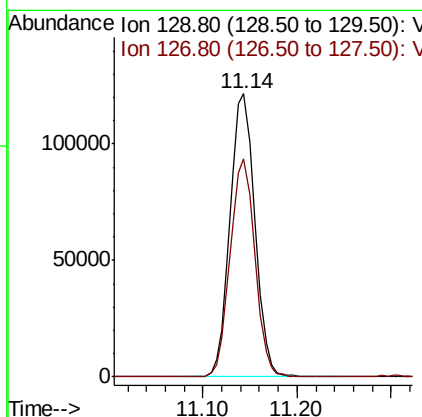
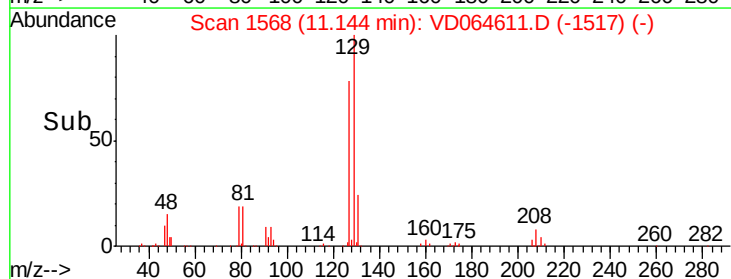
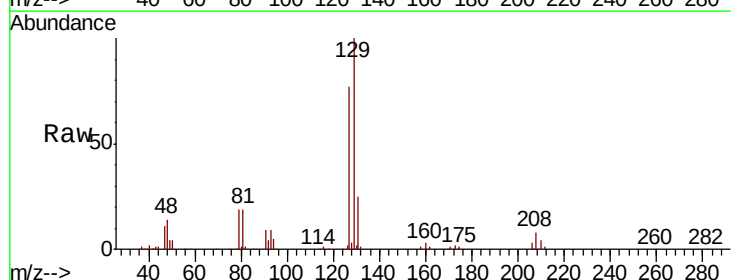
Manual Integrations
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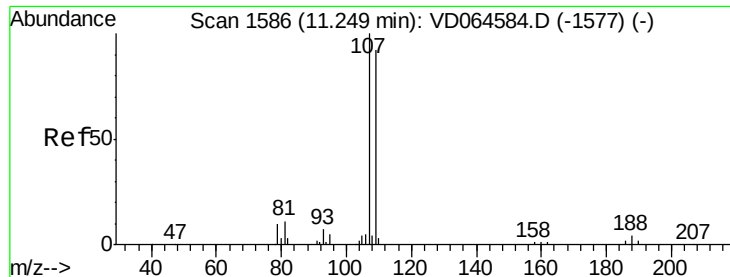
apatel
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#60
Dibromochloromethane
Concen: 55.721 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion: 129 Resp: 224138
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2





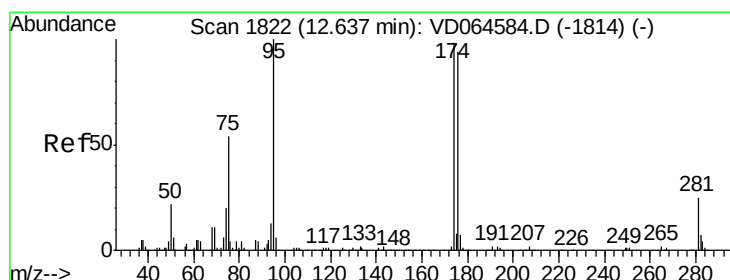
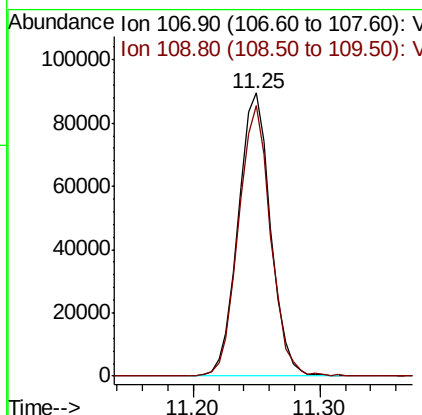
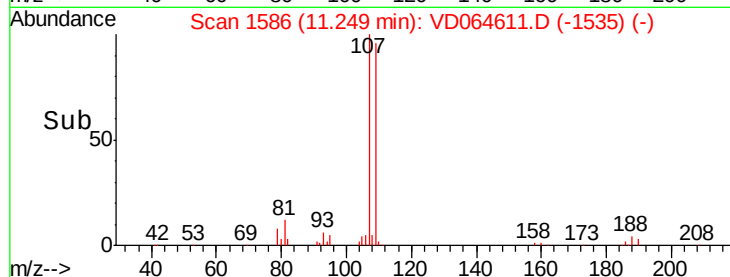
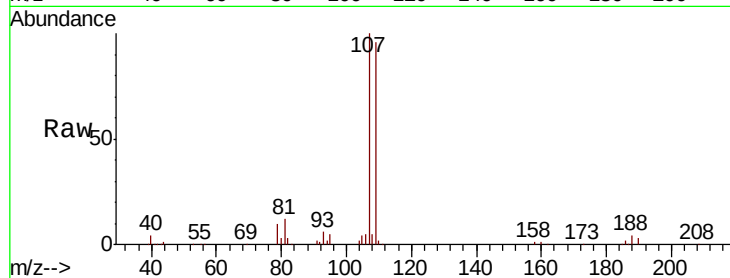
#61
 1,2-Dibromoethane
 Concen: 55.282 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.6	113.4

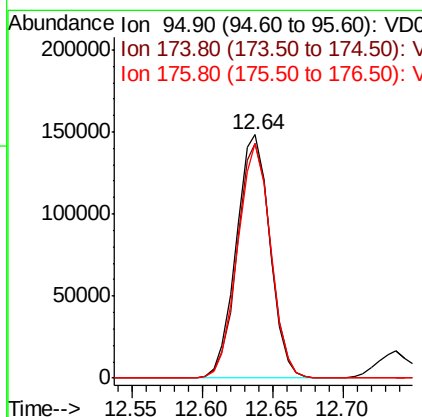
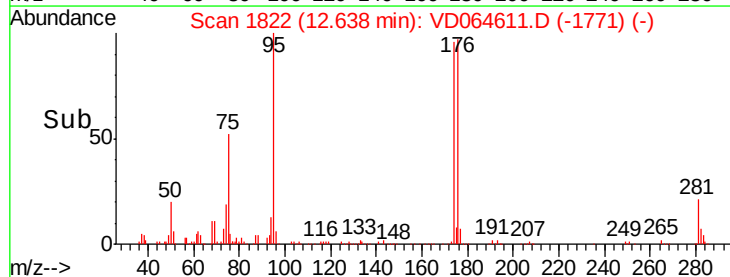
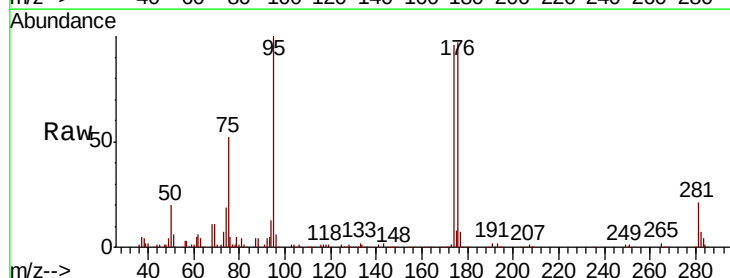
Manual Integrations
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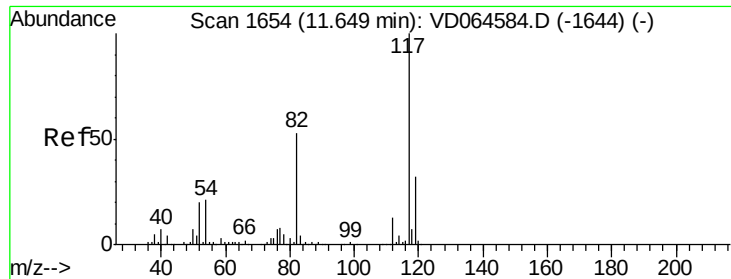
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#62
 4-Bromofluorobenzene
 Concen: 53.993 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	193.2
176	94.5	0.0	184.2





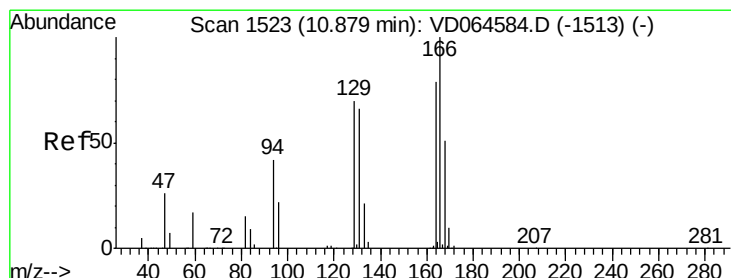
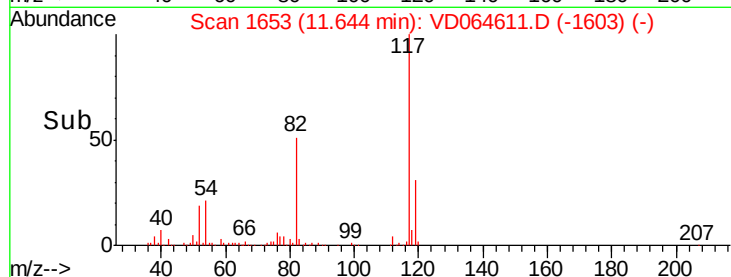
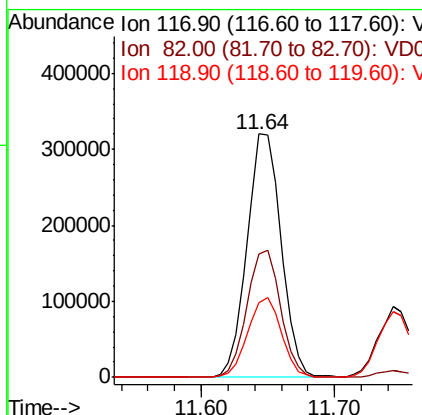
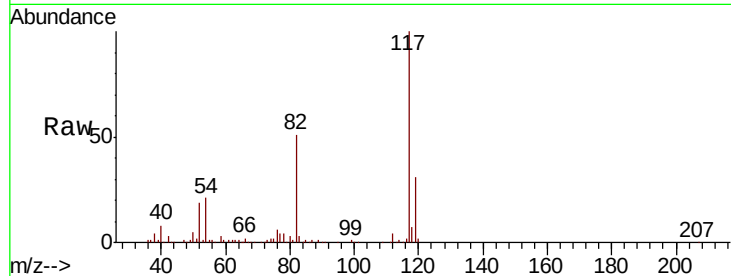
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	42.2	63.4
119	30.8	26.0	39.0

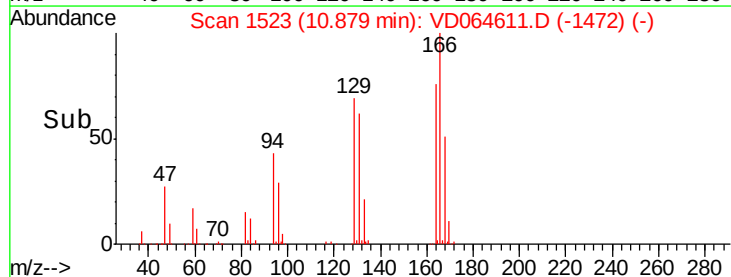
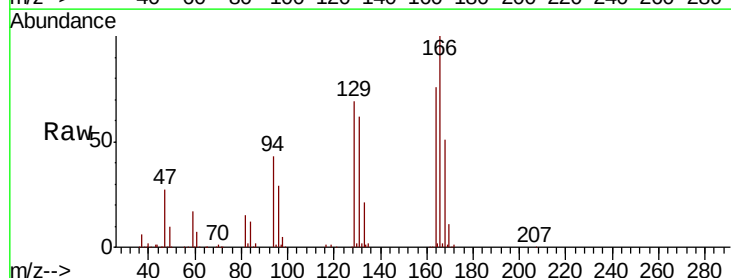
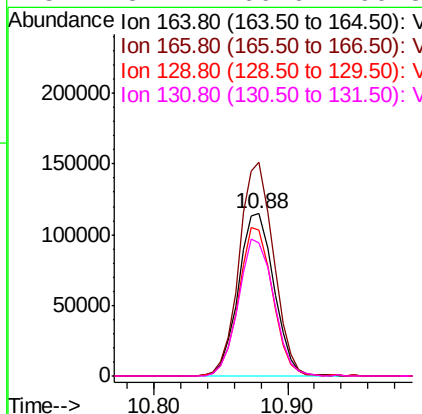
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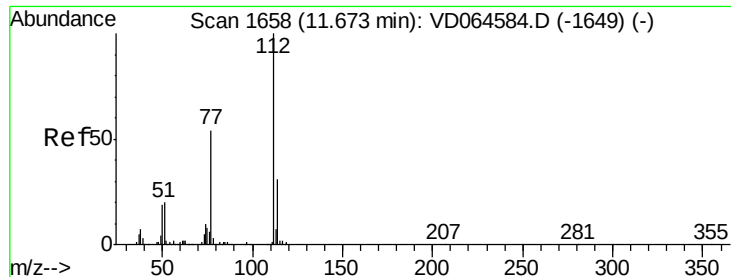
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#64
Tetrachloroethene
Concen: 48.659 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.5	101.3	151.9
129	90.2	70.5	105.7
131	81.7	66.6	99.8





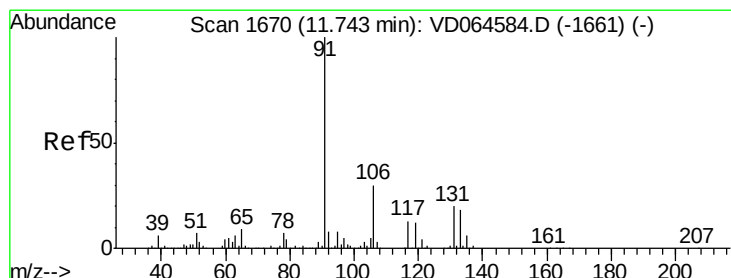
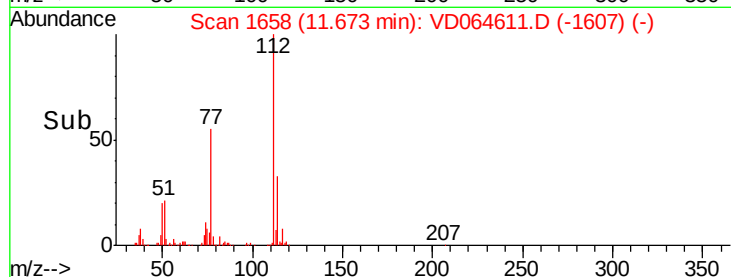
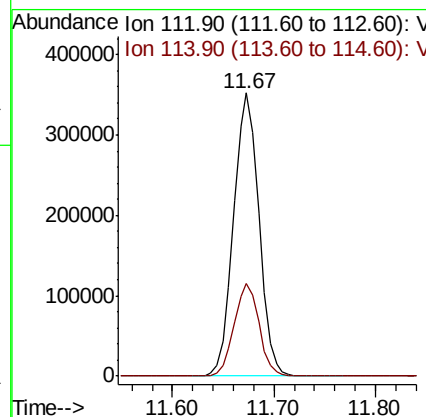
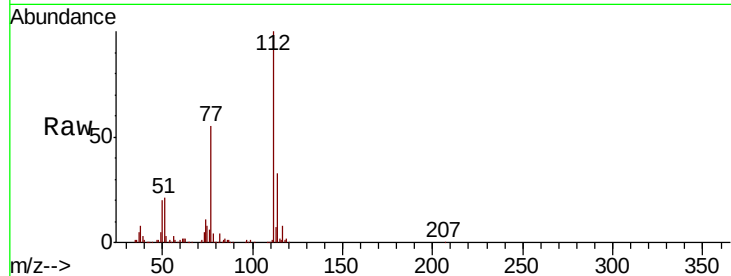
#65
Chlorobenzene
Concen: 52.014 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	24.8	37.2

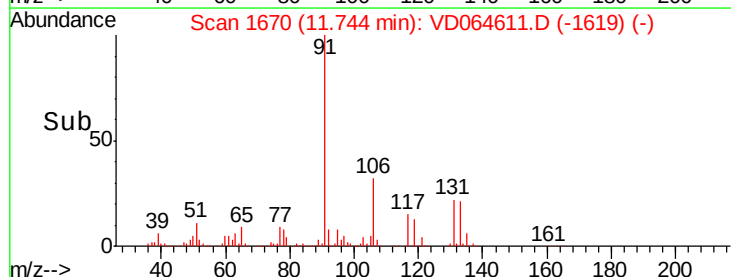
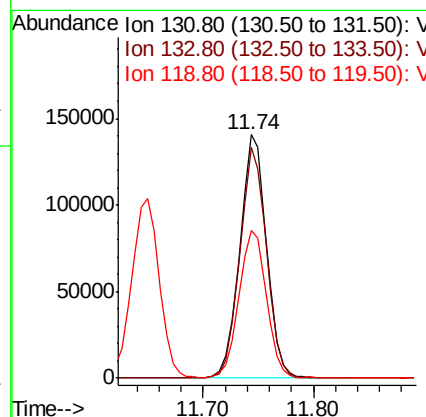
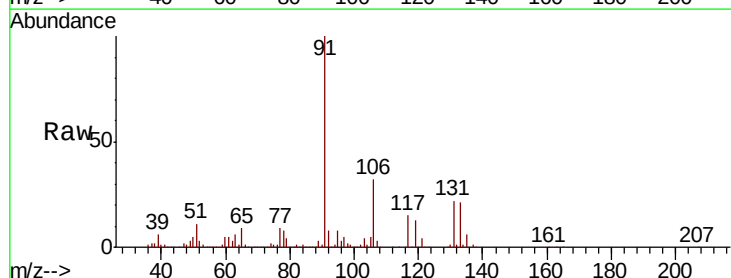
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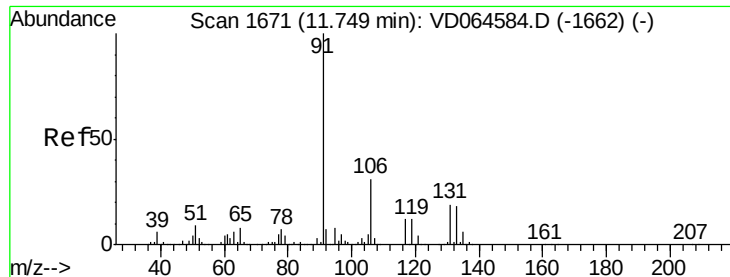
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.867 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.3	144.8
119	62.5	32.1	96.3





#67

Ethyl Benzene

Concen: 51.199 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1092329

Ion Ratio Lower Upper

91 100

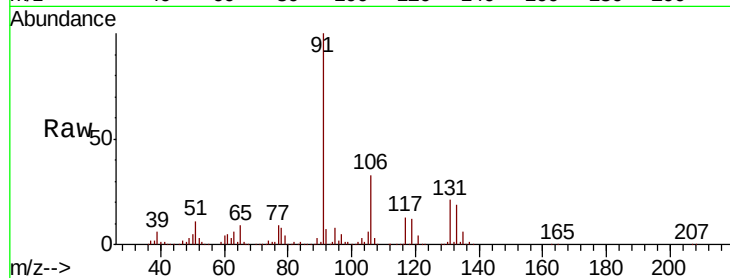
106 33.1 24.6 36.8

Manual Integrations

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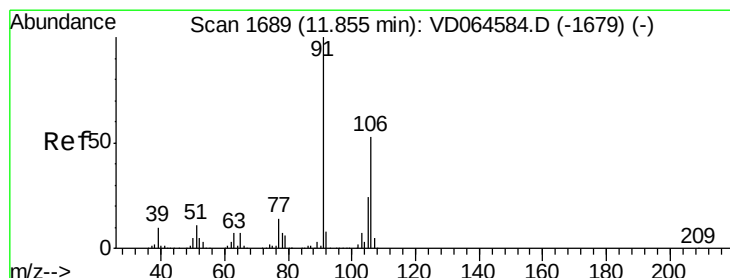
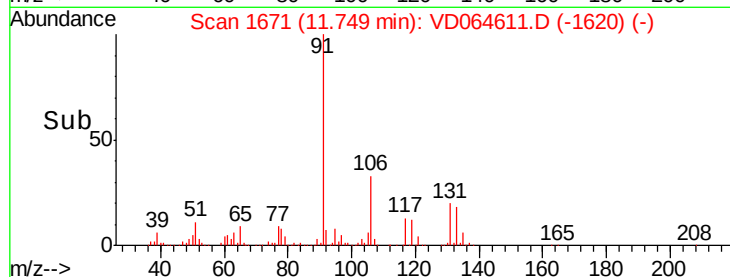
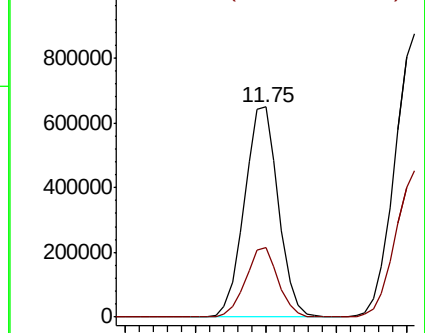
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Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 102.300 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064611.D

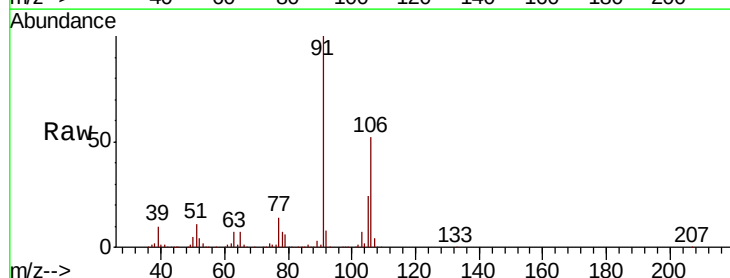
Acq: 26 Dec 2019 20:53

Tgt Ion: 106 Resp: 842432

Ion Ratio Lower Upper

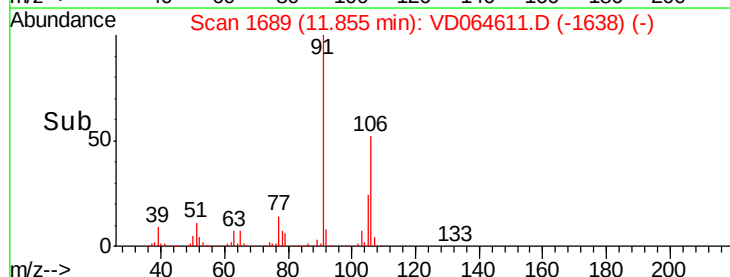
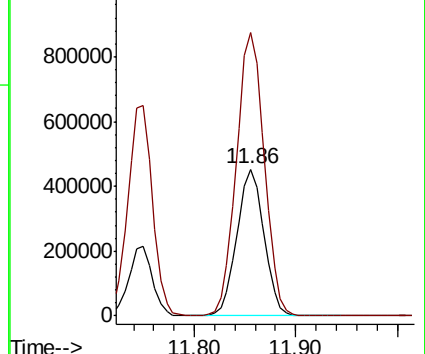
106 100

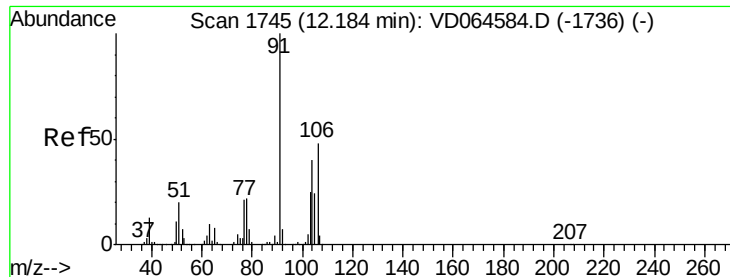
91 198.2 156.3 234.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC





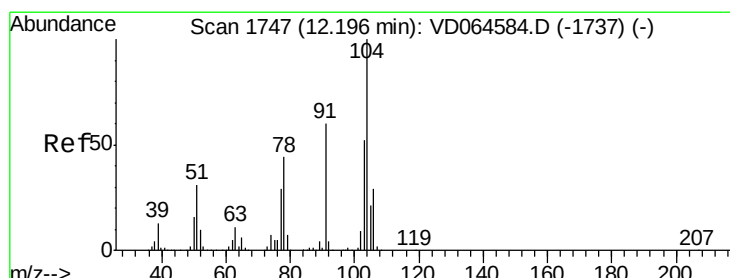
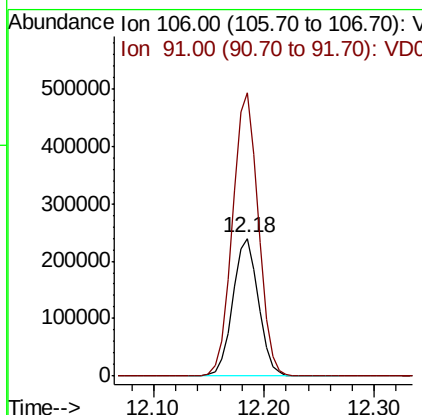
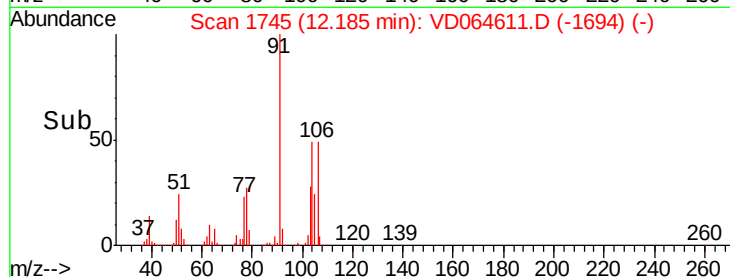
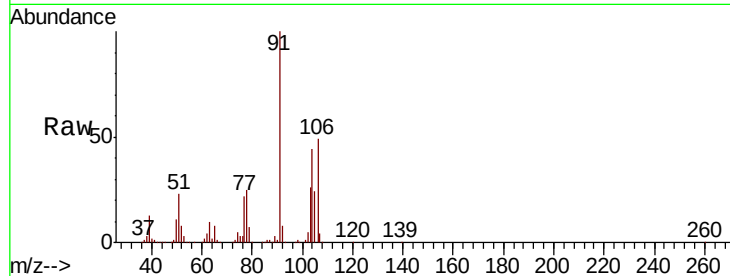
#69
o-Xylene
Concen: 52.479 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 390349
Ion Ratio Lower Upper
106 100
91 207.8 104.8 314.4

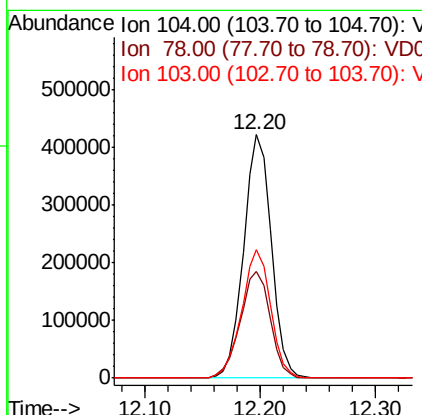
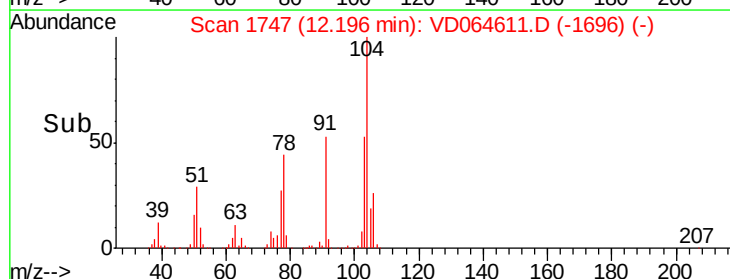
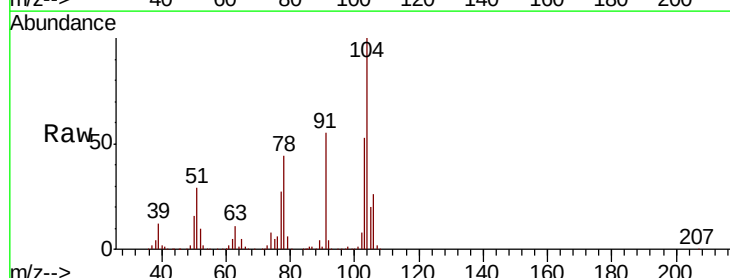
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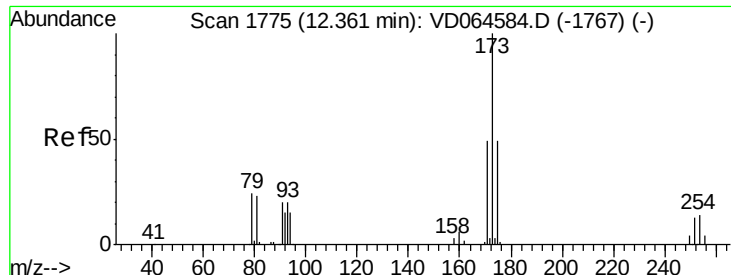
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#70
Styrene
Concen: 53.652 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion:104 Resp: 700490
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.2
103 55.1 44.6 67.0





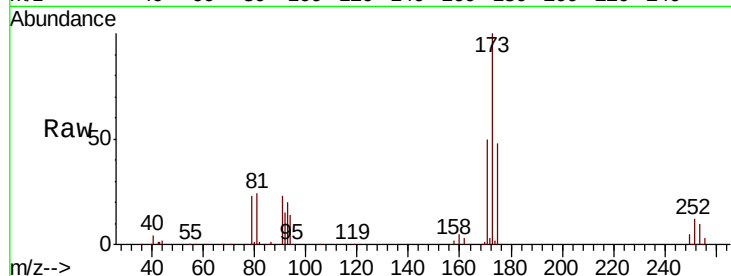
#71
Bromoform
Concen: 54.510 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.6	73.8
254	0.1	0.1	0.1#

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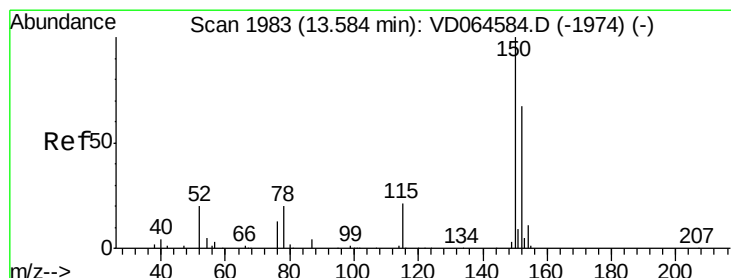
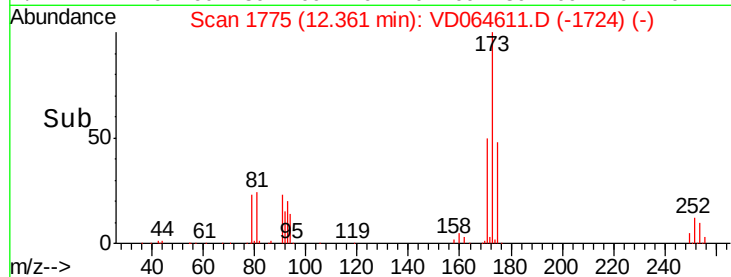
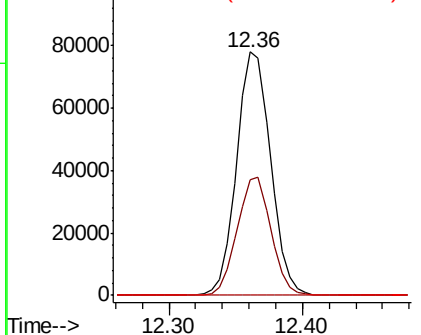


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

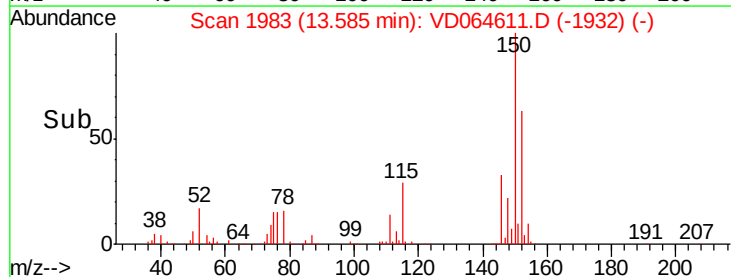
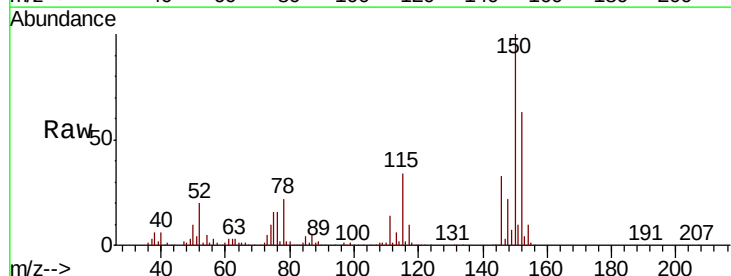
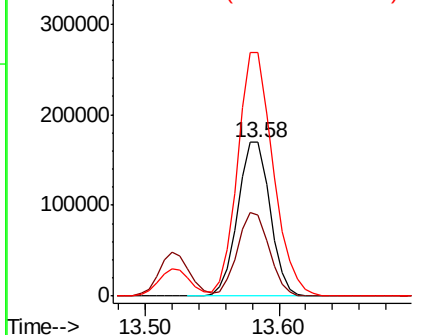
Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.8	83.4
150	173.0	0.0	351.4

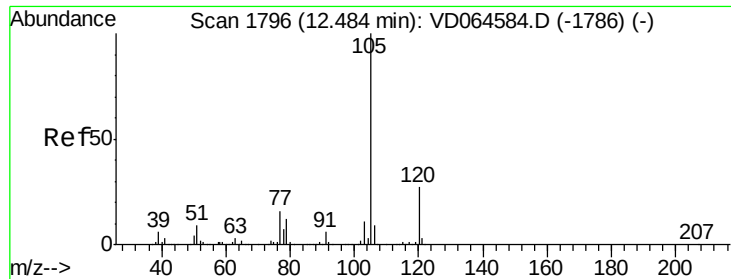
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.289 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1023776

Ion Ratio Lower Upper

105 100

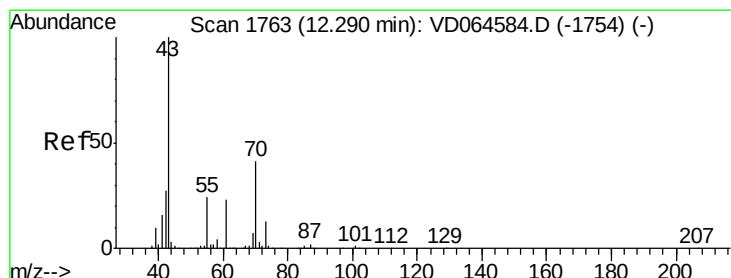
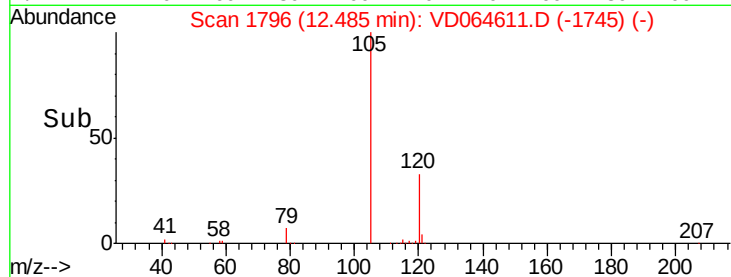
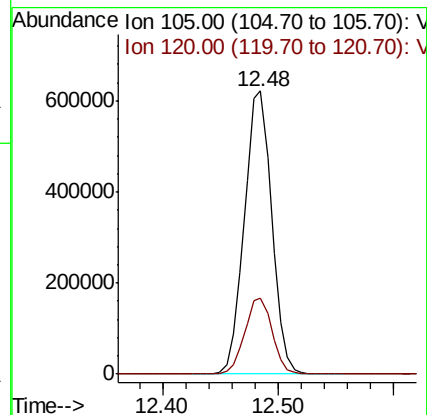
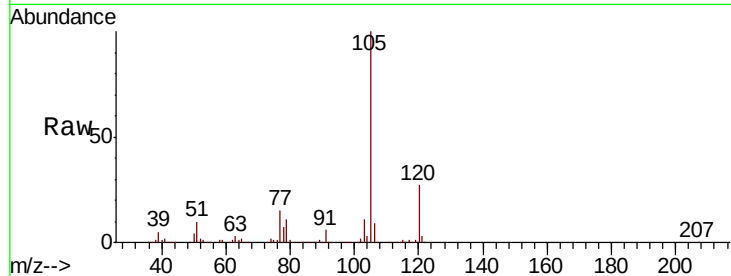
120 26.8 13.5 40.5

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#74

N-ethyl acetate

Concen: 54.084 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Tgt Ion: 43 Resp: 235362

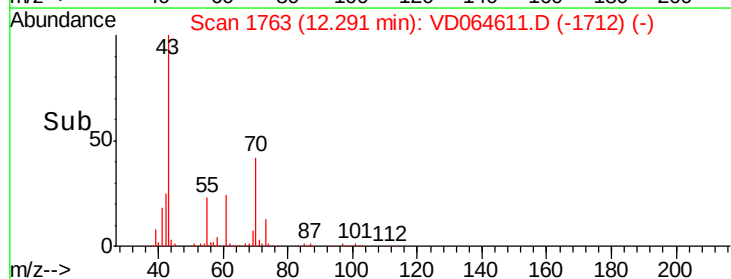
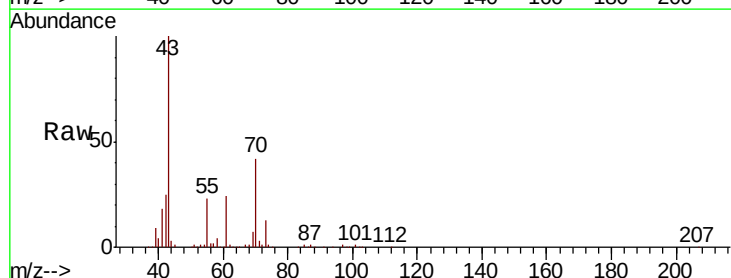
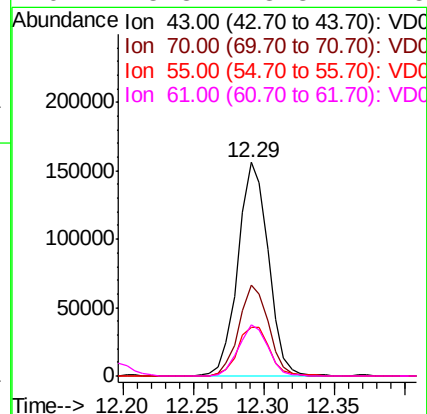
Ion Ratio Lower Upper

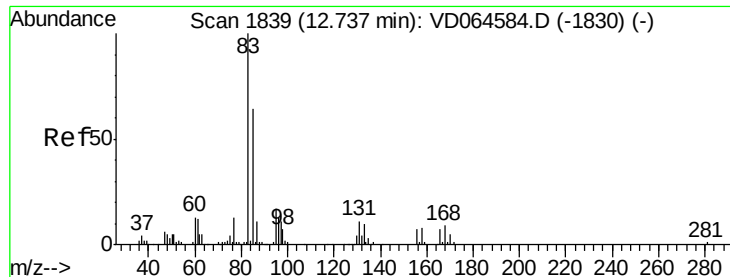
43 100

70 41.6 33.4 50.0

55 24.5 19.4 29.0

61 23.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.968 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

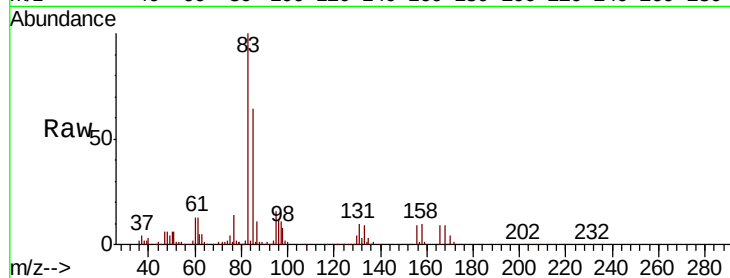
ClientSampleId :

VSTDCCC050EC

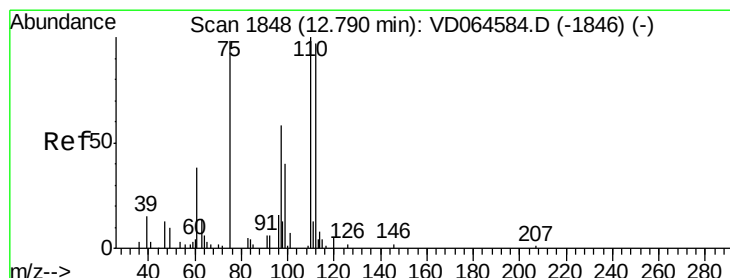
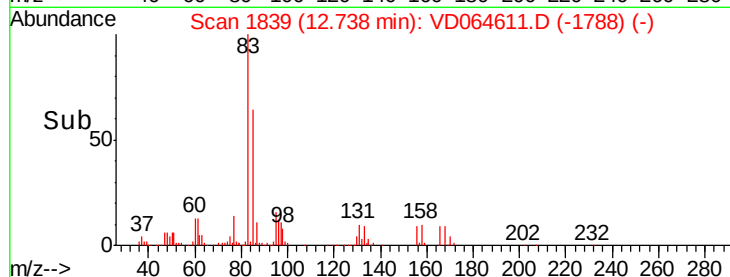
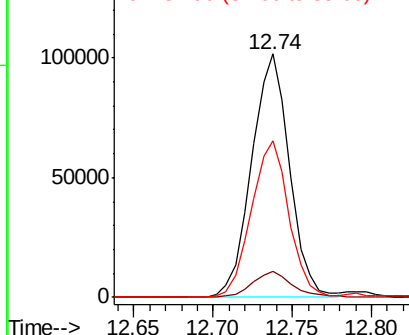
Tot Ion:	83	Resp:	169393
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.8	17.4
85	63.7	32.3	96.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 54.070 ug/l m

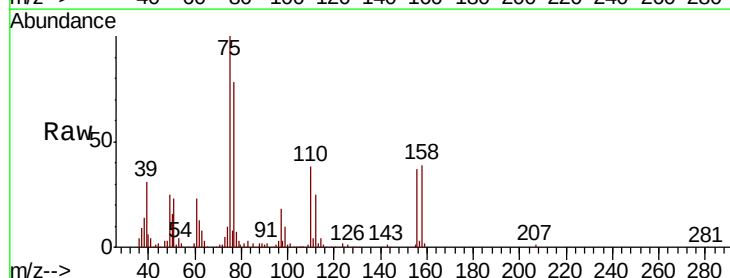
RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

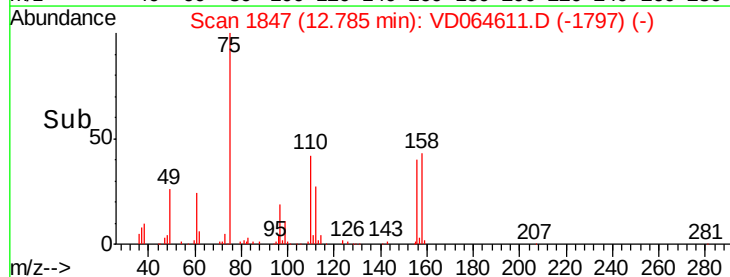
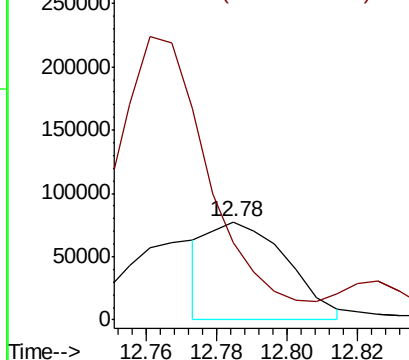
Lab File: VD064611.D

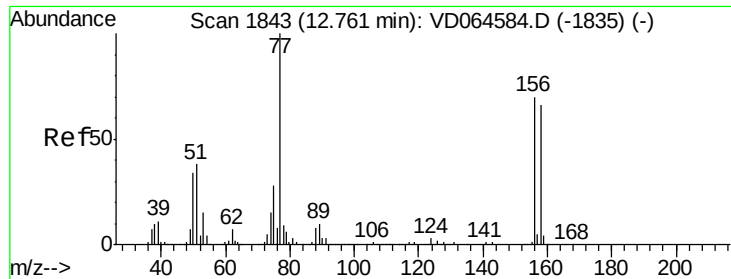
Acq: 26 Dec 2019 20:53

Tgt Ion:	75	Resp:	121633
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.583 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

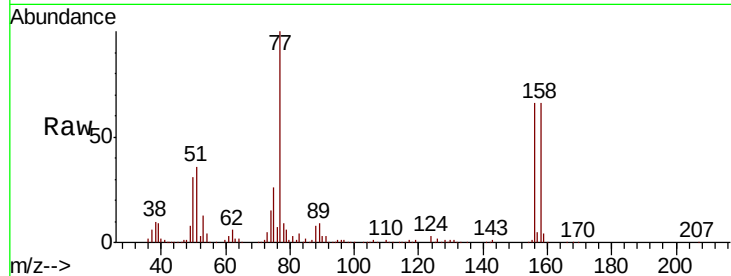
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	263032
Ion Ratio	Lower	Upper	
156	100		
77	160.6	80.9	242.7
158	98.6	48.0	144.2

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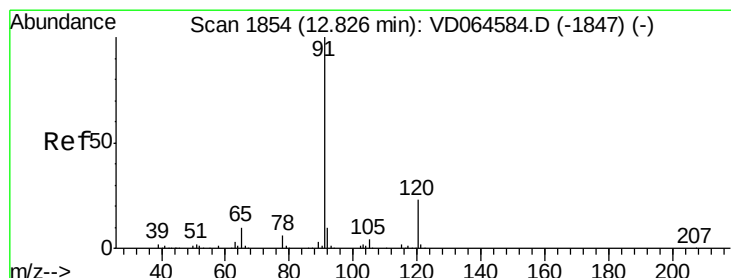
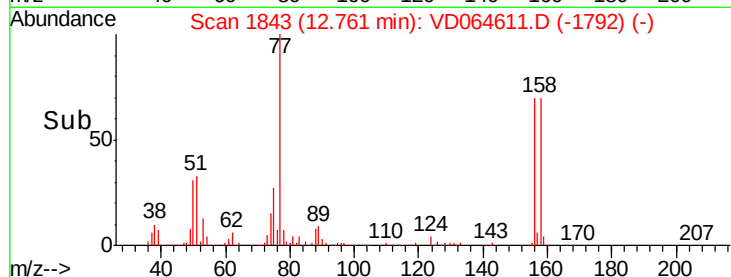
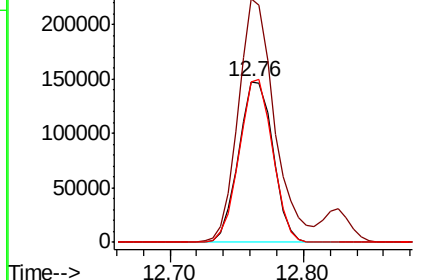
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.382 ug/l

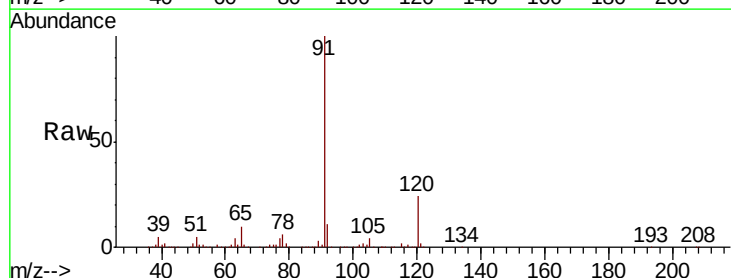
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064611.D

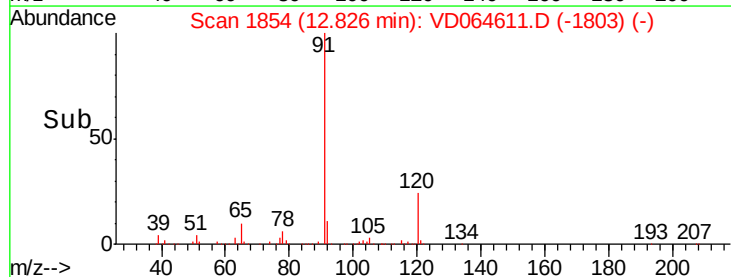
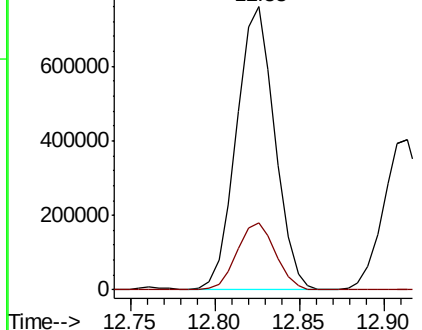
Acq: 26 Dec 2019 20:53

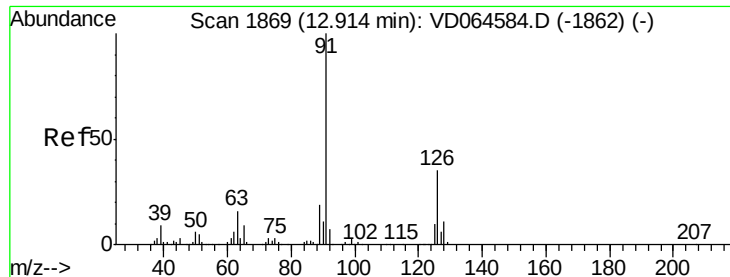
Tgt Ion:	91	Resp:	1196562
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.572 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 672844

Ion Ratio Lower Upper

91 100

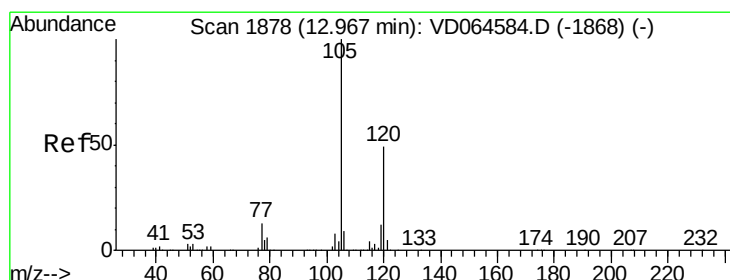
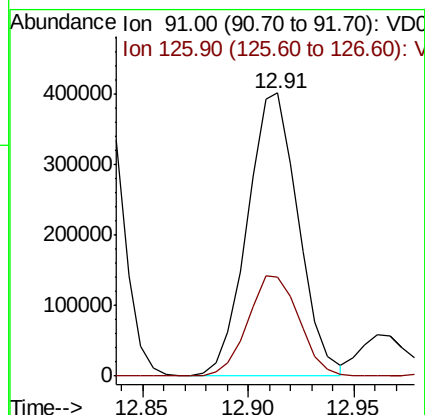
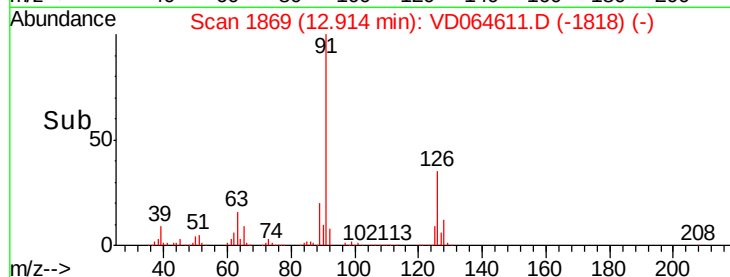
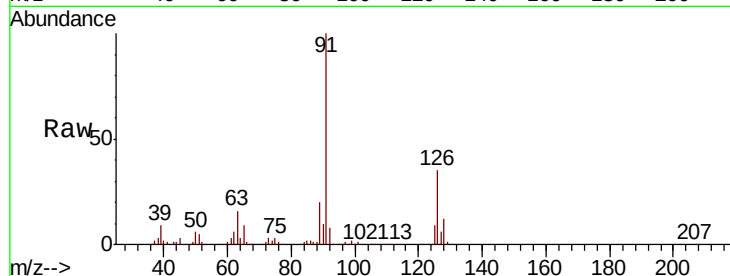
126 35.9 17.8 53.5

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#80

1,3,5-Trimethylbenzene

Concen: 51.198 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD064611.D

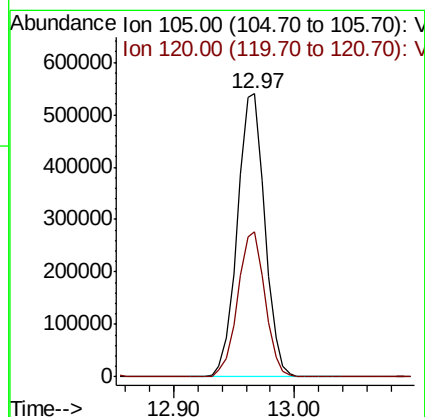
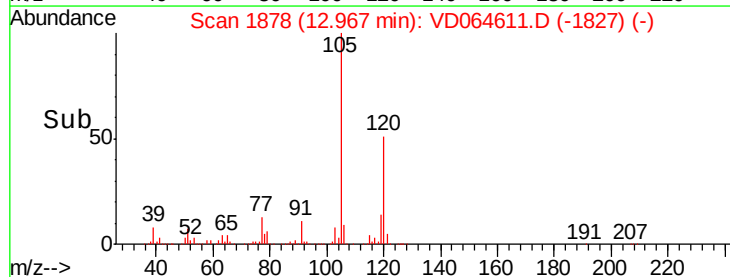
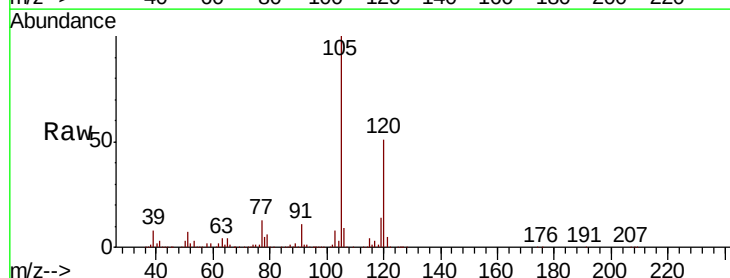
Acq: 26 Dec 2019 20:53

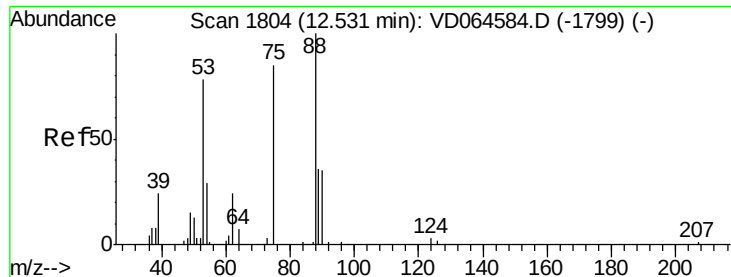
Tgt Ion: 105 Resp: 856183

Ion Ratio Lower Upper

105 100

120 50.9 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.517 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Instrument :

MSVOA_D

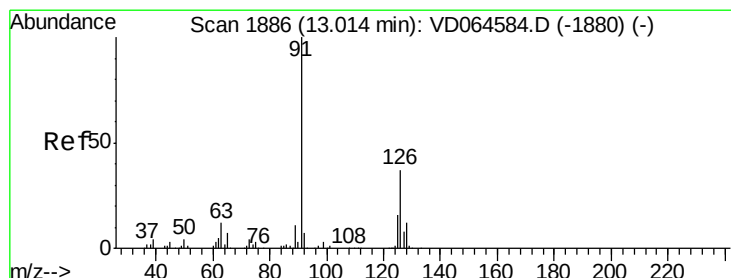
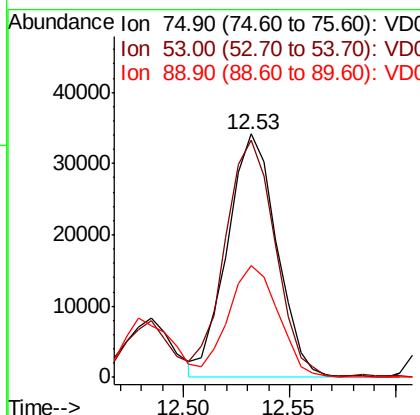
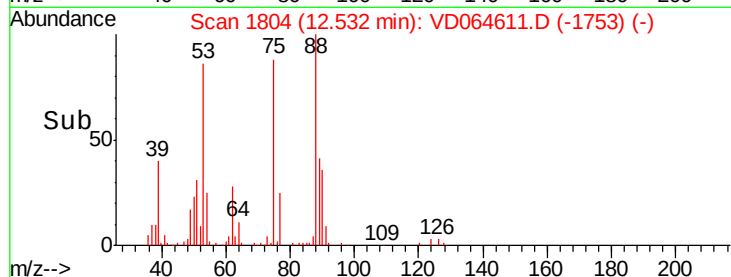
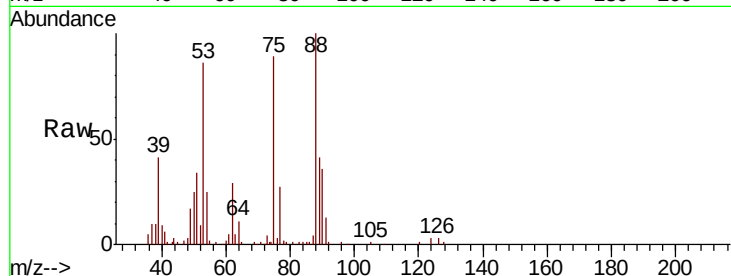
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	55411
Ion	Ratio	Lower	Upper
75	100		
53	98.4	78.8	118.2
89	46.0	38.3	57.5

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#82

4-Chlorotoluene

Concen: 51.602 ug/l

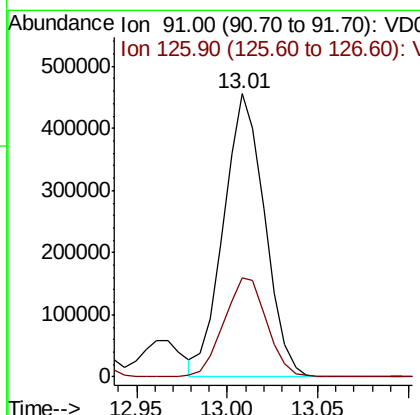
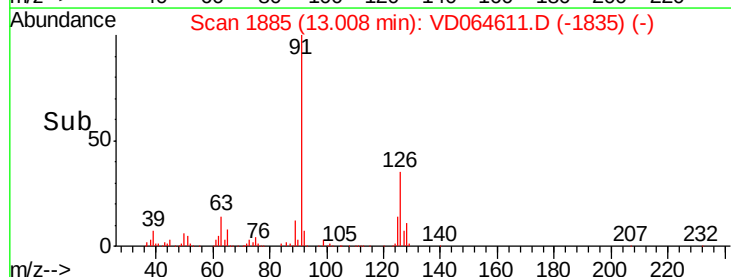
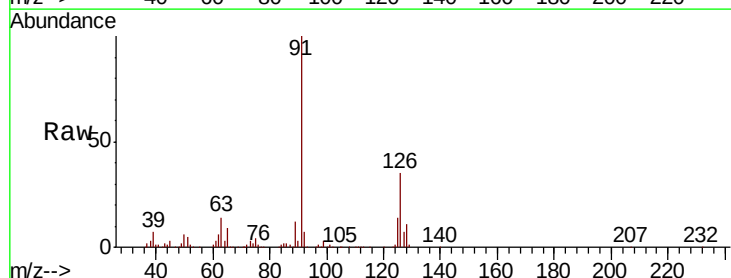
RT: 13.01 min Scan# 1885

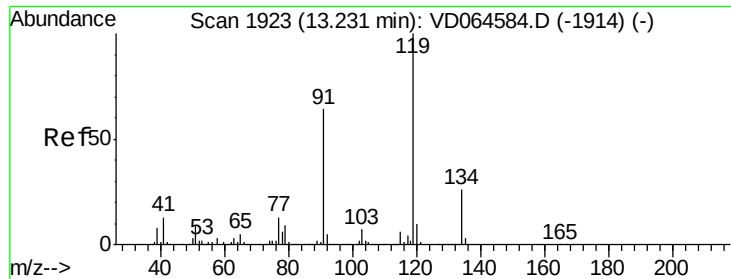
Delta R.T. -0.01 min

Lab File: VD064611.D

Acq: 26 Dec 2019 20:53

Tgt Ion:	91	Resp:	716461
Ion	Ratio	Lower	Upper
91	100		
126	36.6	17.8	53.5





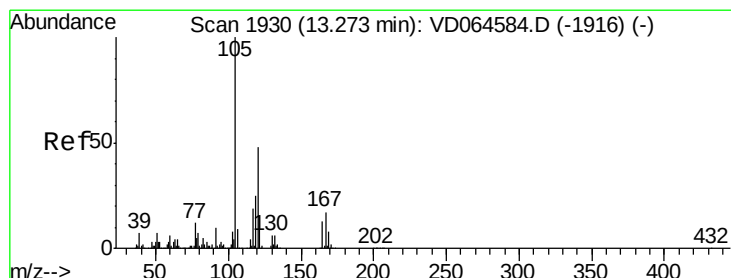
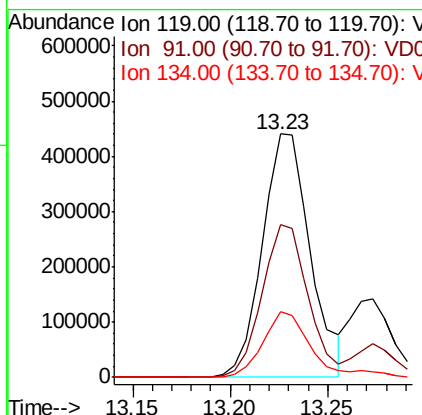
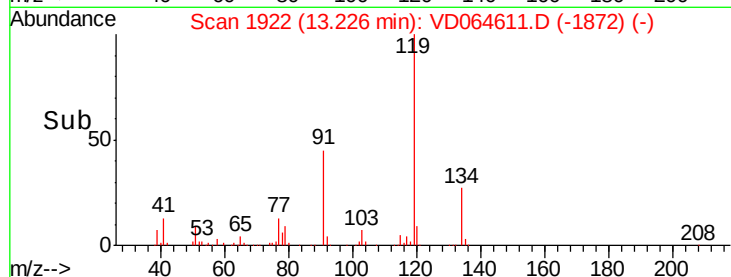
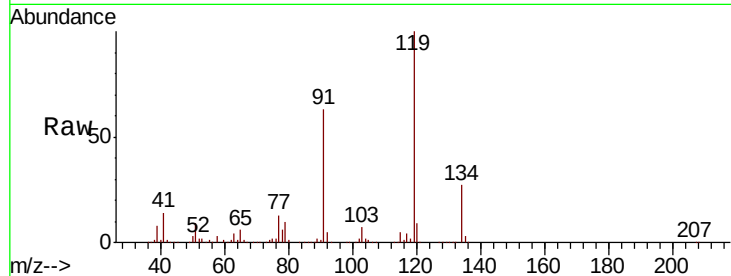
#83
 tert-Butylbenzene
 Concen: 51.565 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	30.8	92.4
134	27.3	12.8	38.3

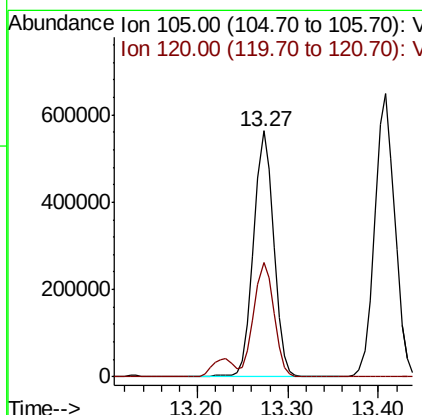
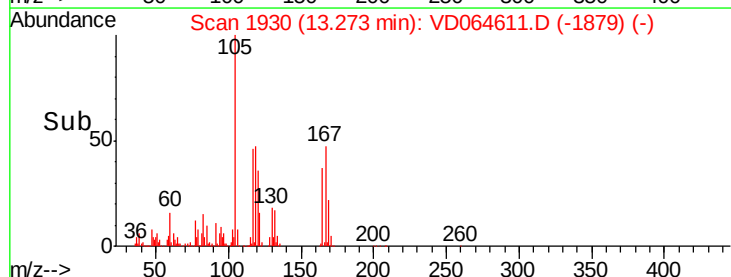
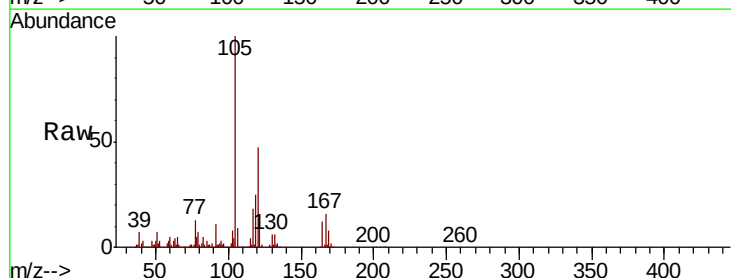
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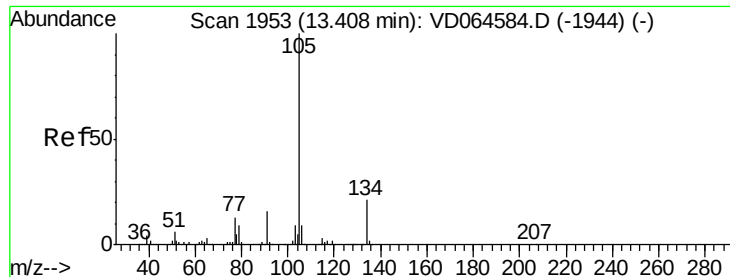
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.955 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.8	71.2





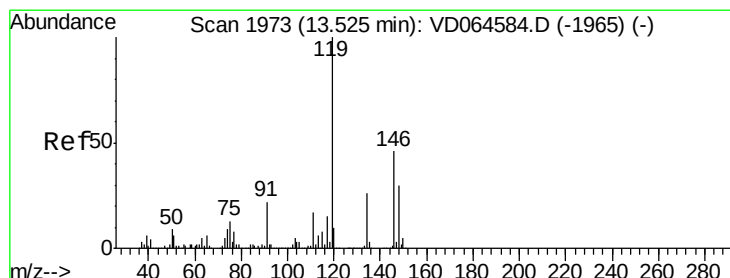
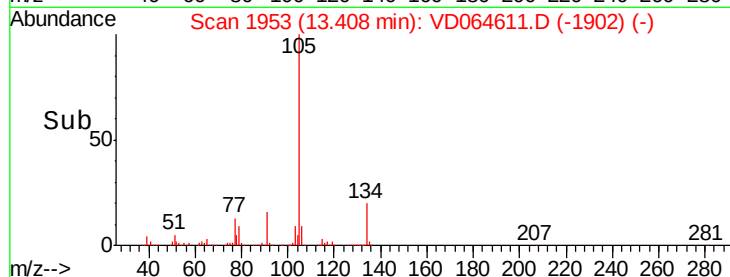
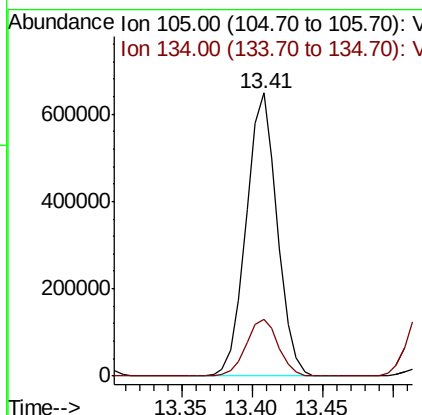
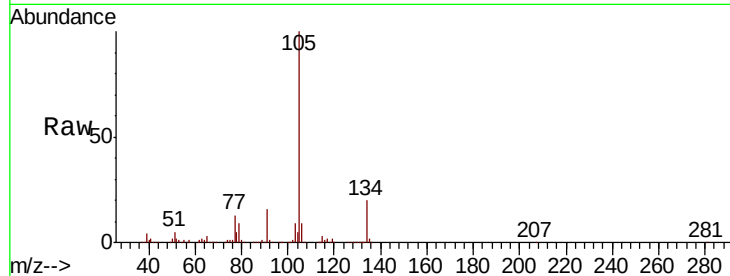
#85
 sec-Butylbenzene
 Concen: 50.156 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.6	31.8

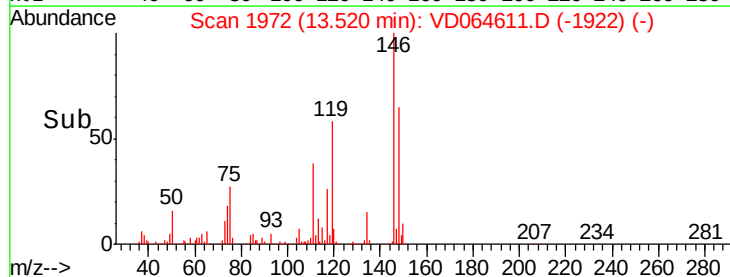
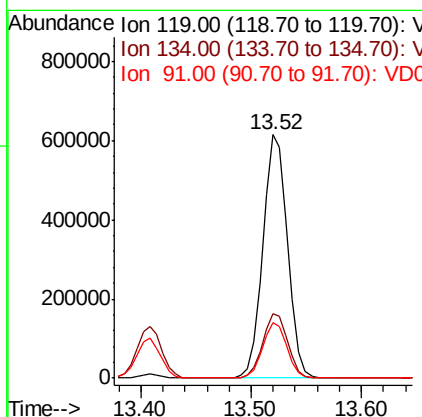
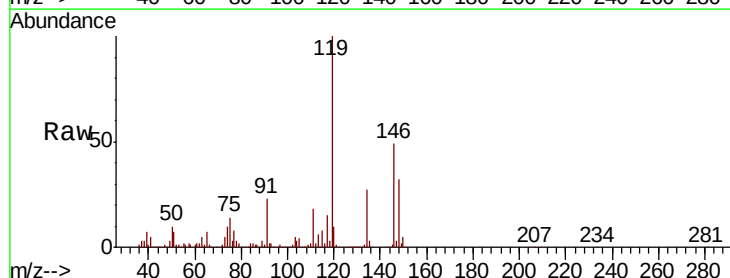
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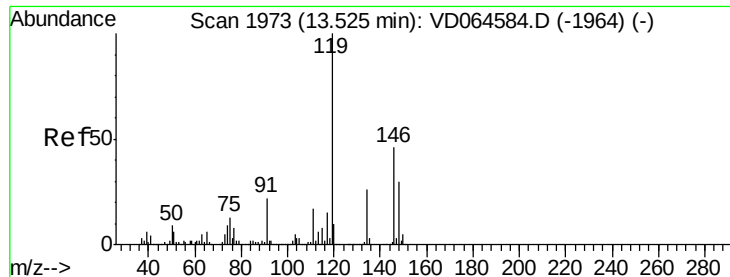
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#86
 p-Isopropyltoluene
 Concen: 50.381 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.1
91	22.5	11.2	33.6





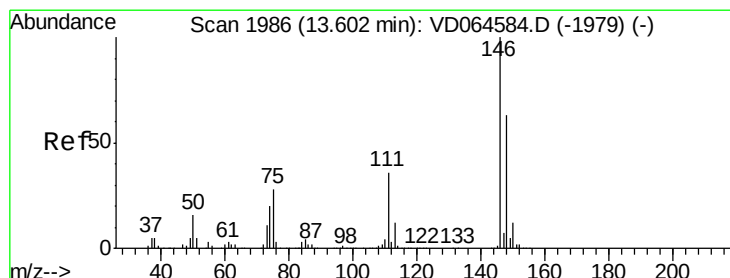
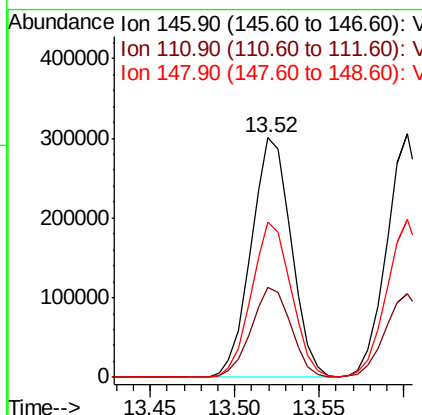
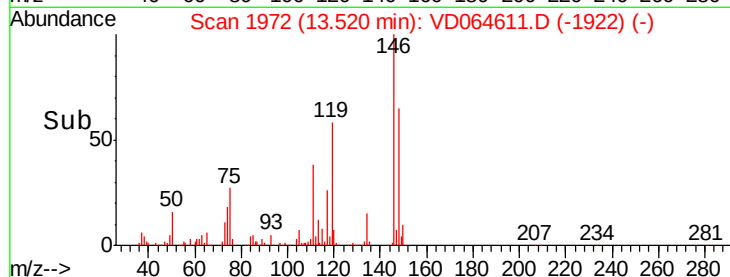
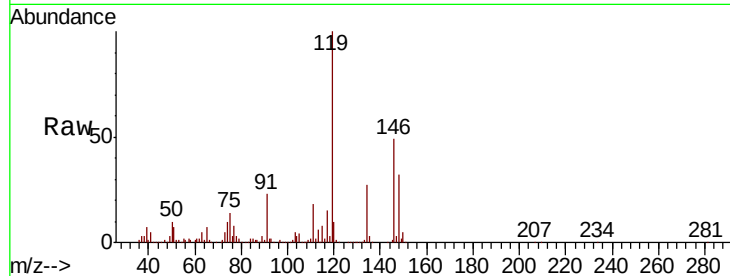
#87
 1,3-Dichlorobenzene
 Concen: 52.204 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.4
148	64.1	32.5	97.5

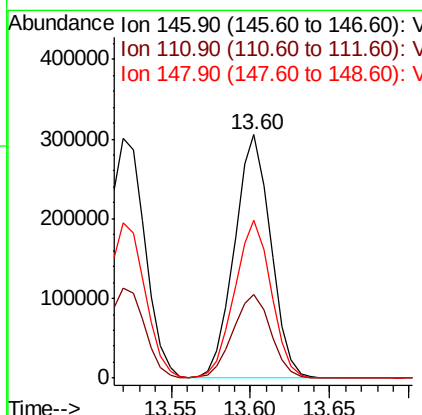
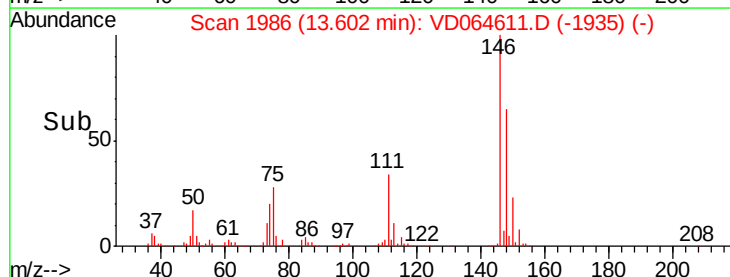
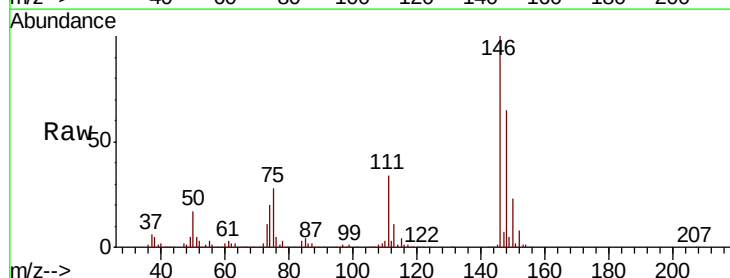
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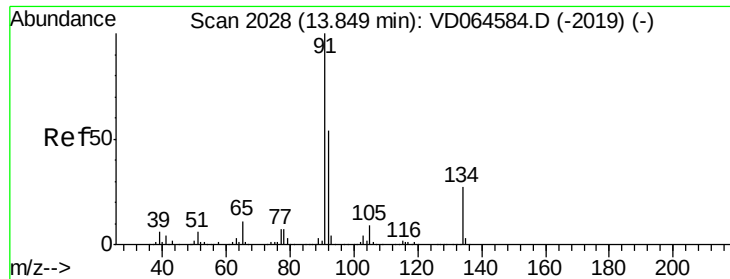
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#88
 1,4-Dichlorobenzene
 Concen: 51.795 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.1	54.1
148	65.2	32.3	96.9





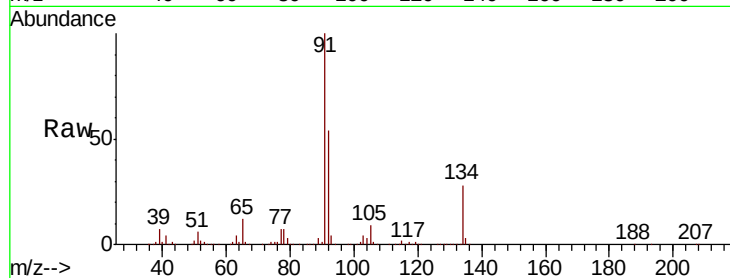
#89
n-Butylbenzene
Concen: 49.881 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.2	26.8	80.4	
134	27.1	14.0	41.9	

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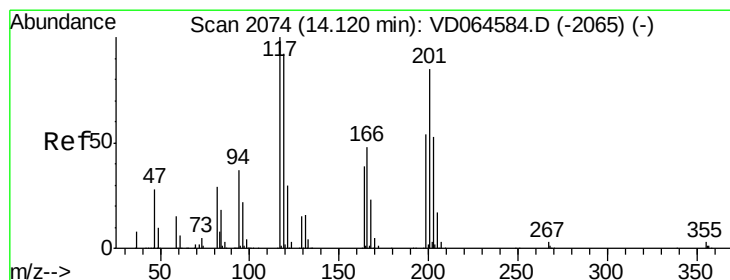
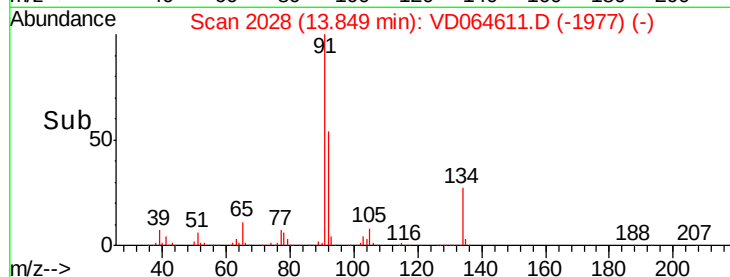
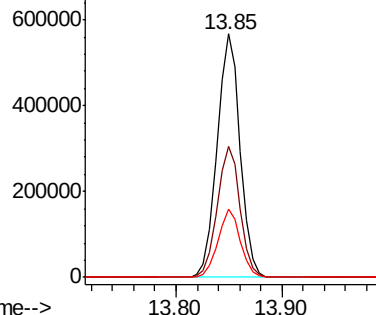


Abundance

Ion 91.00 (90.70 to 91.70): V

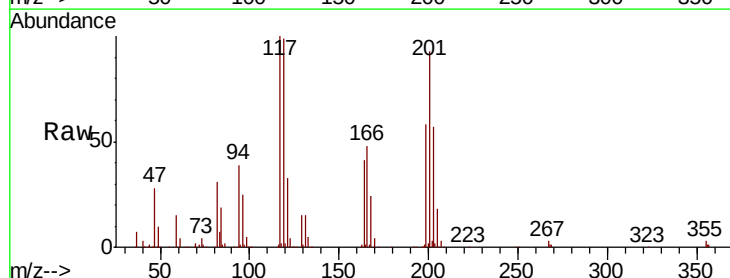
Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V



#90
Hexachloroethane
Concen: 50.325 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

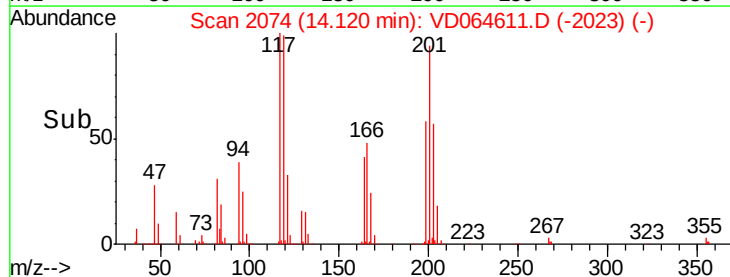
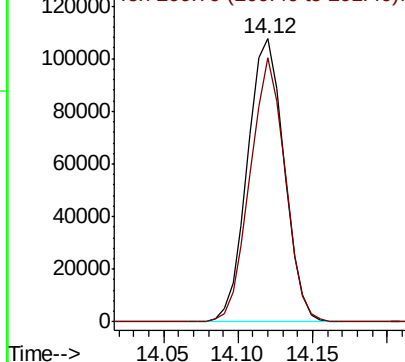
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	89.1	44.0	131.8	

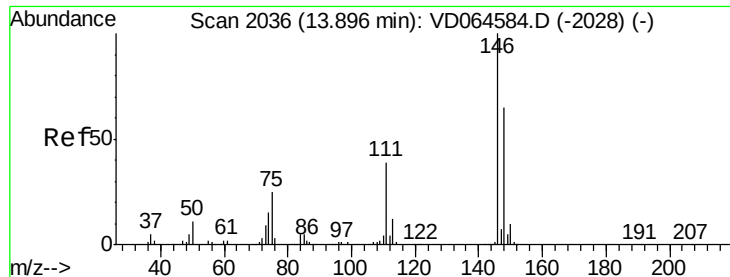


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





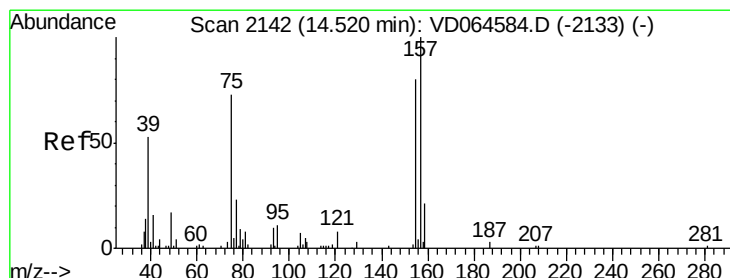
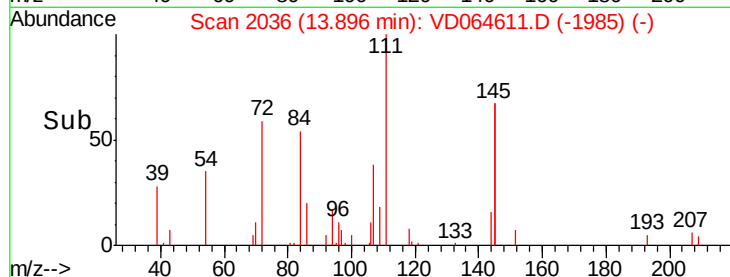
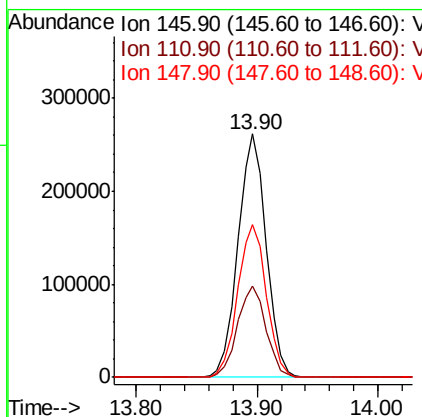
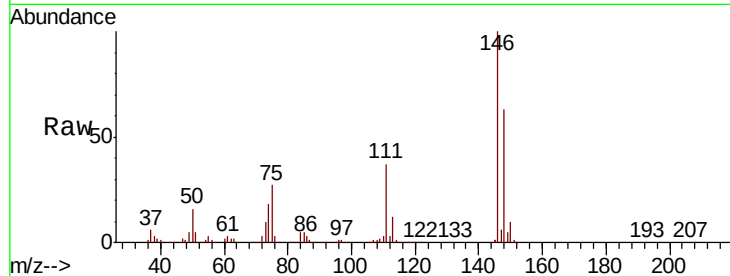
#91
 1,2-Dichlorobenzene
 Concen: 52.376 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.9
148	63.8	31.9	95.5

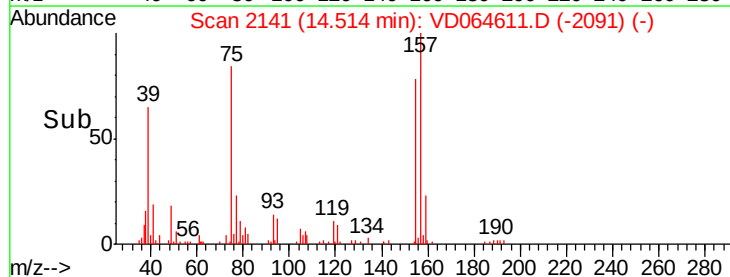
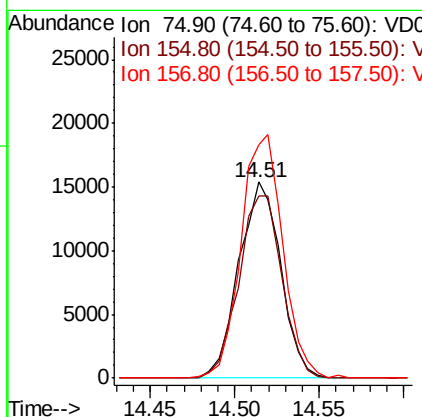
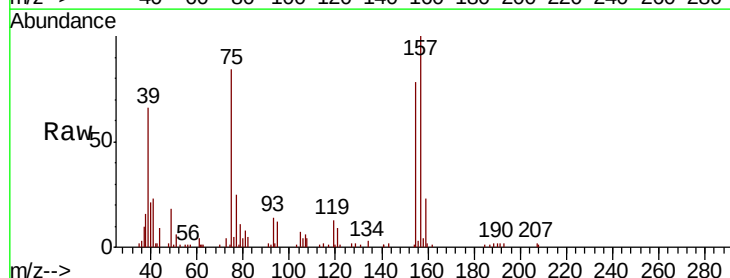
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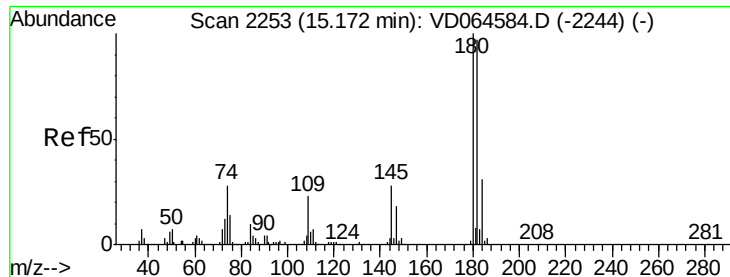
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.104 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	48.0	144.0
157	124.0	64.1	192.3





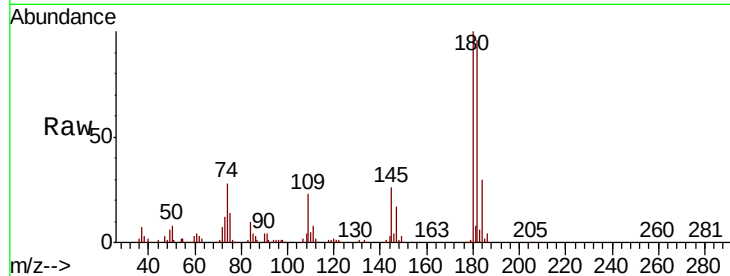
#93
 1,2,4-Trichlorobenzene
 Concen: 52.362 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

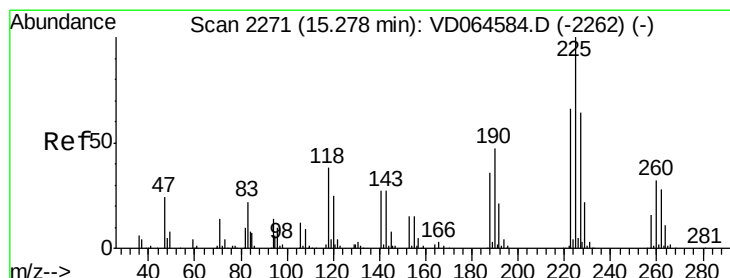
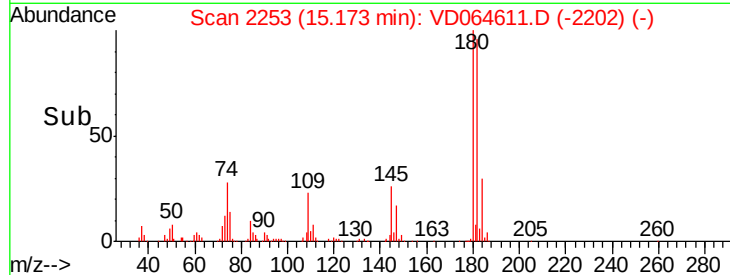
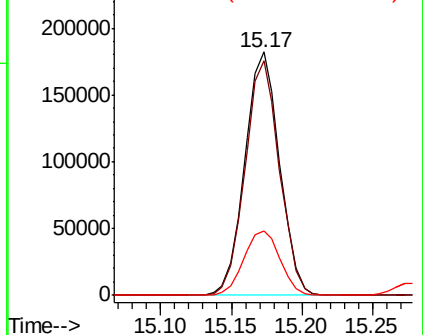
Tot Ion:	180	Resp:	313500
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.0	144.2
145	27.7	13.8	41.4

Manual Integrations
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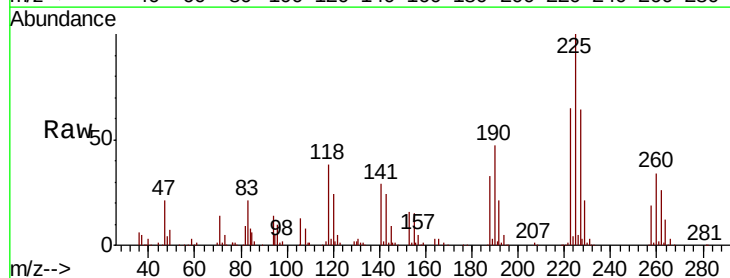


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

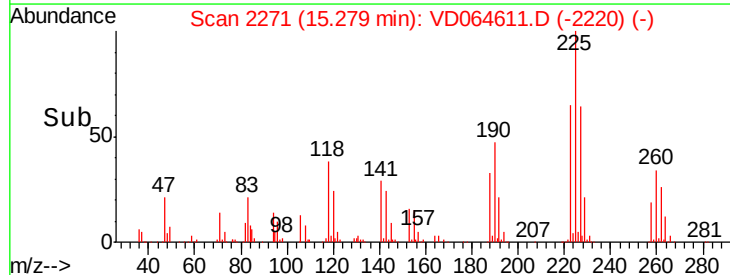
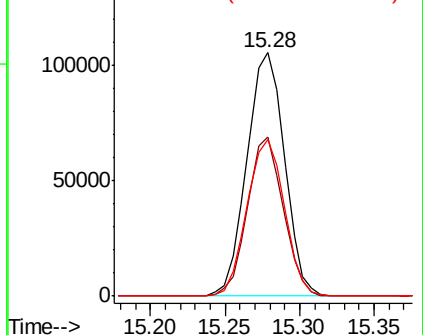


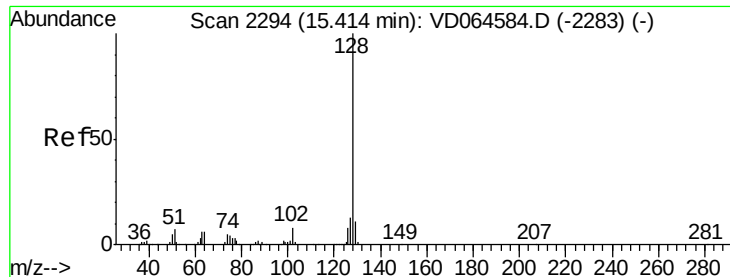
#94
 Hexachlorobutadiene
 Concen: 48.869 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064611.D
 Acq: 26 Dec 2019 20:53

Tgt Ion:	225	Resp:	184117
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.1	93.2
227	63.9	30.9	92.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





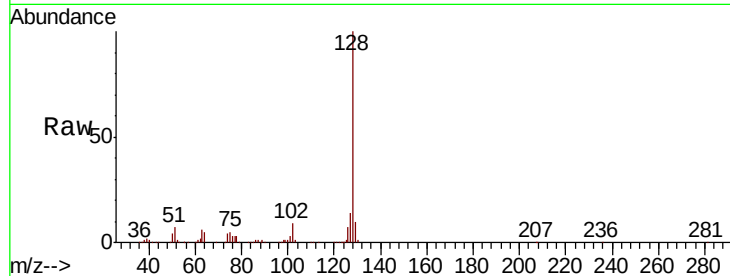
#95
Naphthalene
Concen: 55.075 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	521655		
127	13.3		10.3	15.5
129	10.8		8.5	12.7

Manual Integrations
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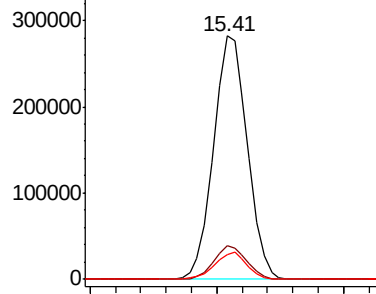


Abundance

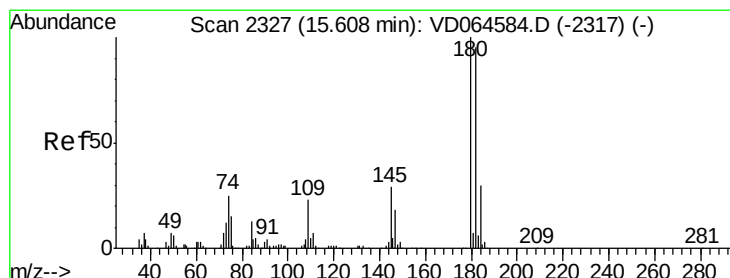
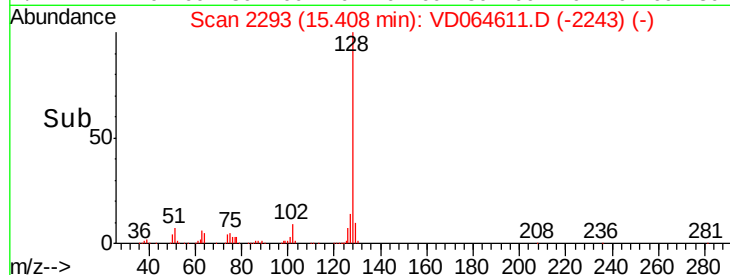
Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

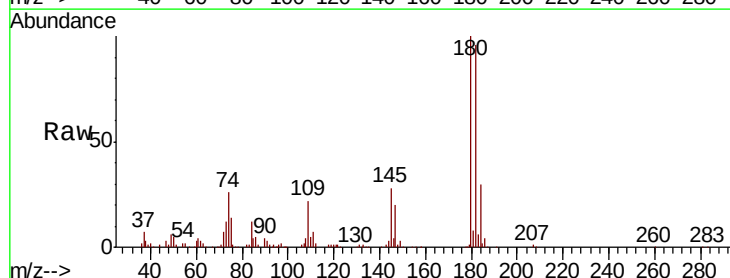


Time--> 15.30 15.40 15.50



#96
1,2,3-Trichlorobenzene
Concen: 53.675 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD064611.D
Acq: 26 Dec 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	274347		
182	97.1		47.9	143.7
145	28.7		14.9	44.7

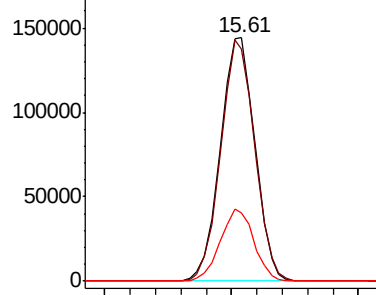


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time--> 15.50 15.60

