

Data File : VD067779.D
Acq On : 24 Nov 2020 20:19
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 25 02:07:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	243317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	364181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	335470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	173278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	133764	56.54	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.08%
35) Dibromofluoromethane	7.92	113	123702	53.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.74%
50) Toluene-d8	10.34	98	455846	53.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.60%
62) 4-Bromofluorobenzene	12.64	95	152880	52.79	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.58%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	104893	49.538	ug/l	99
3) Chloromethane	2.21	50	61891	52.503	ug/l	99
4) Vinyl Chloride	2.35	62	72545	49.112	ug/l	97
5) Bromomethane	2.77	94	65883	52.350	ug/l	100
6) Chloroethane	2.93	64	46182	46.910	ug/l	96
7) Trichlorofluoromethane	3.27	101	213157	47.289	ug/l	98
8) Diethyl Ether	3.70	74	42865	47.101	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	98539	45.652	ug/l	98
10) Methyl Iodide	4.30	142	111131	50.301	ug/l	97
11) Tert butyl alcohol	5.21	59	32890	267.481	ug/l #	96
12) 1,1-Dichloroethene	4.07	96	95574	47.852	ug/l	94
13) Acrolein	3.93	56	22996	234.507	ug/l	91
14) Allyl chloride	4.71	41	95936	49.690	ug/l	97
15) Acrylonitrile	5.43	53	80415	253.698	ug/l	97
16) Acetone	4.16	43	70524	230.748	ug/l #	88
17) Carbon Disulfide	4.41	76	278195	48.158	ug/l	99
18) Methyl Acetate	4.71	43	30180	49.083	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	214372	50.221	ug/l	95
20) Methylene Chloride	4.97	84	114030	49.178	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	113673	50.060	ug/l	97
22) Diisopropyl ether	6.37	45	199003	52.217	ug/l	98
23) Vinyl Acetate	6.31	43	573182	266.621	ug/l	97
24) 1,1-Dichloroethane	6.27	63	164799	51.004	ug/l	99
25) 2-Butanone	7.21	43	85586	249.548	ug/l	96
26) 2,2-Dichloropropane	7.21	77	177982	46.692	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	125987	52.053	ug/l	97
28) Bromochloromethane	7.54	49	56154	54.255	ug/l	96
29) Tetrahydrofuran	7.57	42	50037	256.605	ug/l	96
30) Chloroform	7.71	83	216138	51.154	ug/l	97
31) Cyclohexane	7.99	56	123274	43.064	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	213987	47.821	ug/l	98
36) 1,1-Dichloropropene	8.11	75	145560	46.578	ug/l	99
37) Ethyl Acetate	7.29	43	39619	47.148	ug/l	98
38) Carbon Tetrachloride	8.10	117	202327	44.664	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	169100	45.724	ug/l	96
40) Benzene	8.36	78	409212	47.678	ug/l	97
41) Methacrylonitrile	7.57	41	56410	131.463	ug/l #	13
42) 1,2-Dichloroethane	8.43	62	140722	48.321	ug/l	100
43) Isopropyl Acetate	8.46	43	79925	47.628	ug/l	95
44) Trichloroethene	9.11	130	134713	47.357	ug/l	91
45) 1,2-Dichloropropane	9.39	63	84908	48.212	ug/l	91
46) Dibromomethane	9.48	93	58198	48.539	ug/l	96
47) Bromodichloromethane	9.67	83	163145	48.863	ug/l	96
48) Methyl methacrylate	9.46	41	38586	45.993	ug/l	94
49) 1,4-Dioxane	9.46	88	12179	937.291	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	191837	242.941	ug/l	97
52) Toluene	10.41	92	285859	49.095	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	143216	49.097	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	157473	47.702	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	79330	49.311	ug/l	98
56) Ethyl methacrylate	10.67	69	84065	50.472	ug/l	98
57) 1,3-Dichloropropane	10.95	76	124277	48.994	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	232095	298.230	ug/l	99
59) 2-Hexanone	10.99	43	134923	242.008	ug/l	98
60) Dibromochloromethane	11.14	129	124361	50.728	ug/l	97
61) 1,2-Dibromoethane	11.25	107	77260	48.740	ug/l	100
64) Tetrachloroethene	10.88	164	117522	45.136	ug/l	91
65) Chlorobenzene	11.67	112	320288	48.577	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	132782	49.786	ug/l	98
67) Ethyl Benzene	11.75	91	553641	48.639	ug/l	99
68) m/p-Xylenes	11.86	106	430094	97.097	ug/l	99
69) o-Xylene	12.18	106	194835	48.310	ug/l	100
70) Styrene	12.20	104	340607	49.582	ug/l	99
71) Bromoform	12.37	173	70596	48.759	ug/l #	100
73) Isopropylbenzene	12.48	105	551191	48.345	ug/l	100
74) N-amyl acetate	12.29	43	69371	46.140	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	72395	47.315	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	106843	88.471	ug/l #	100
77) Bromobenzene	12.77	156	135028	47.313	ug/l	98
78) n-propylbenzene	12.82	91	593815	46.816	ug/l	100
79) 2-Chlorotoluene	12.91	91	361413	48.126	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	478960	48.301	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	25161	48.730	ug/l	99
82) 4-Chlorotoluene	13.01	91	383183	47.886	ug/l	99
83) tert-Butylbenzene	13.23	119	390447	45.822	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	472719	47.721	ug/l	100
85) sec-Butylbenzene	13.40	105	519531	46.410	ug/l	100
86) p-Isopropyltoluene	13.52	119	510922	47.122	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	259300	46.946	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	252099	46.076	ug/l	99
89) n-Butylbenzene	13.84	91	415880	44.759	ug/l	100
90) Hexachloroethane	14.11	117	93476	45.288	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	222266	46.713	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14803	44.874	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112420\
Quantitation Report (Not Reviewed)

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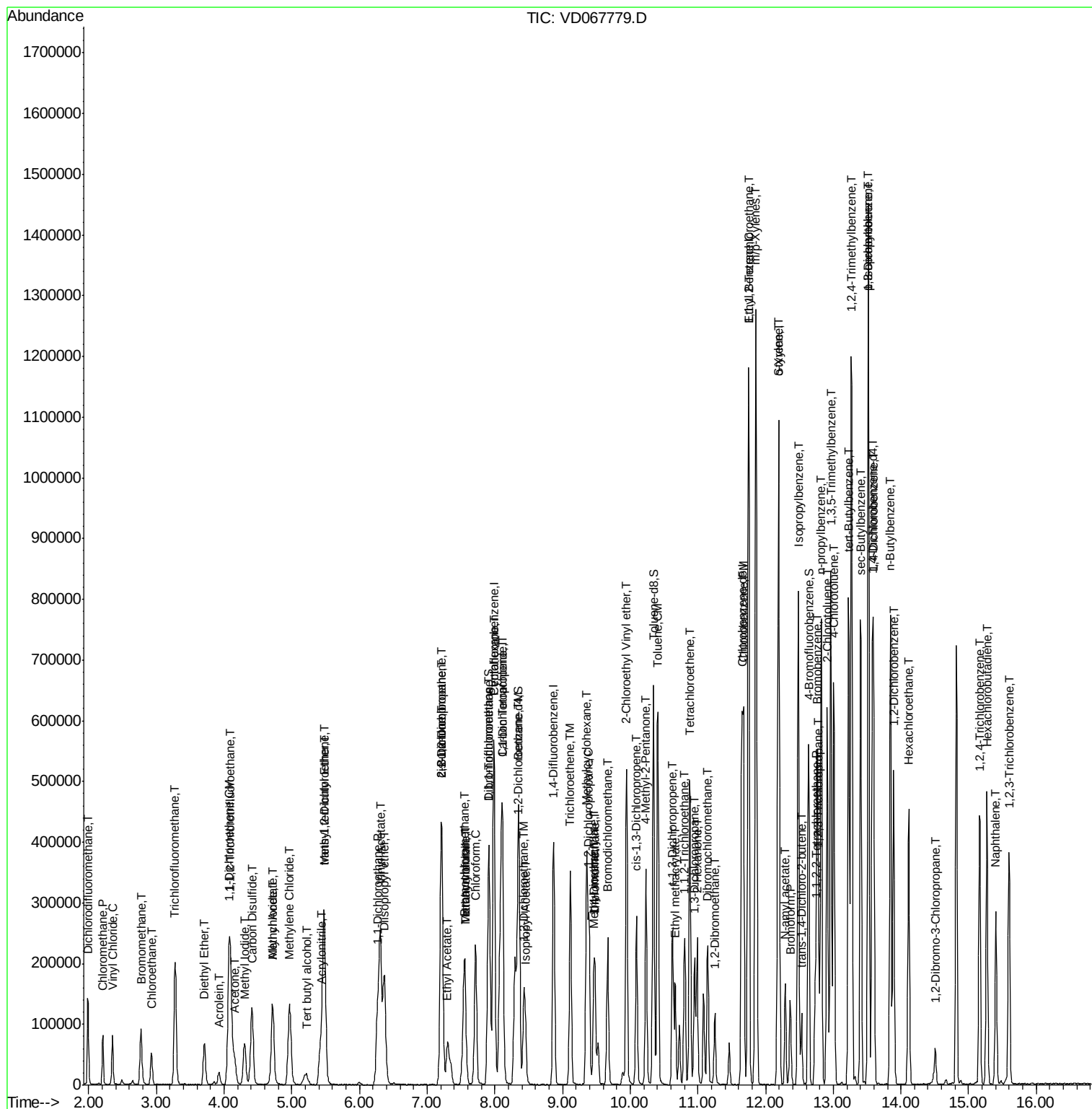
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	155499	46.156	ug/l	99
94) Hexachlorobutadiene	15.27	225	97933	45.496	ug/l	96
95) Naphthalene	15.40	128	256810	47.101	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	134475	46.860	ug/l	98

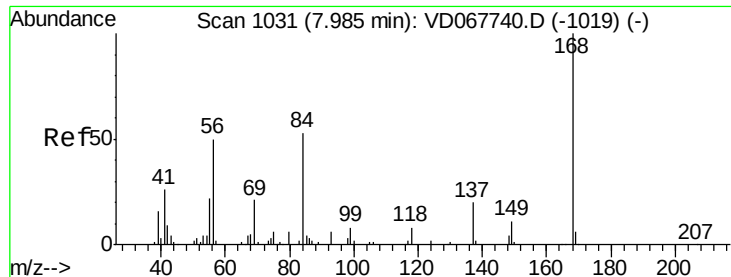
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

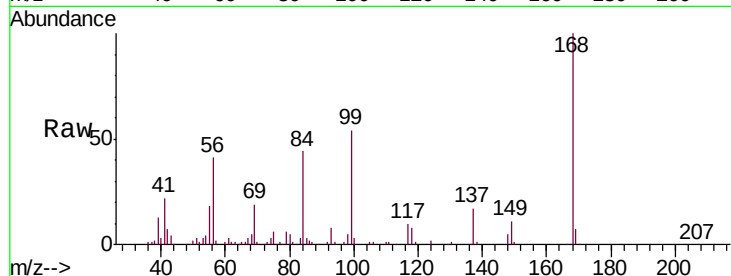
VSTDCCC050EC

Tgt Ion:168 Resp: 243317

Ion Ratio Lower Upper

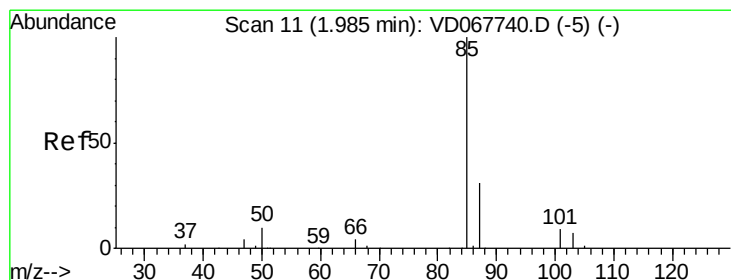
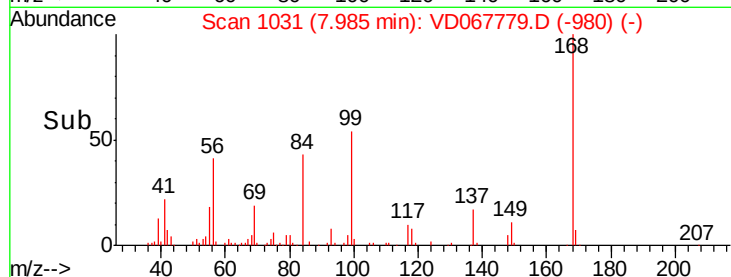
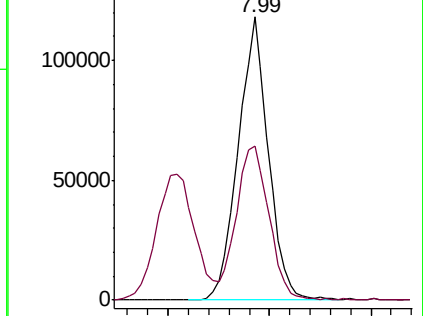
168 100

99 54.0 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 49.538 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067779.D

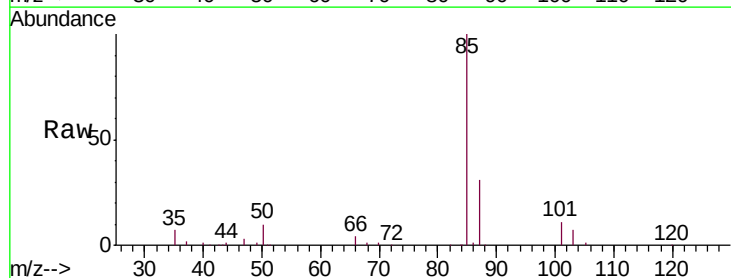
Acq: 24 Nov 2020 20:19

Tgt Ion: 85 Resp: 104893

Ion Ratio Lower Upper

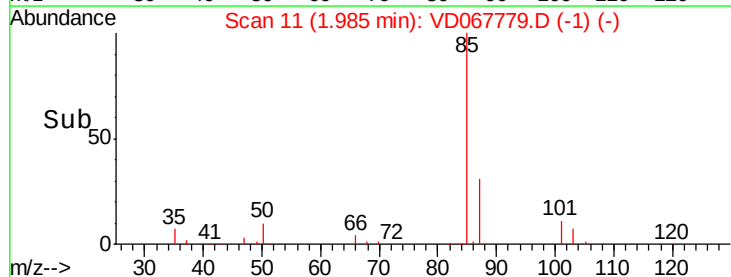
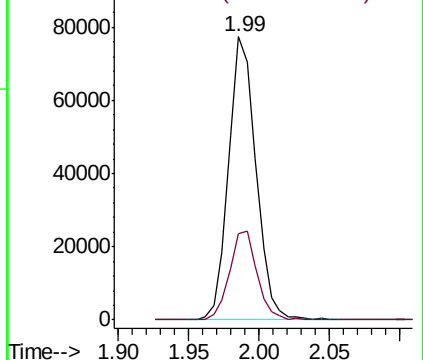
85 100

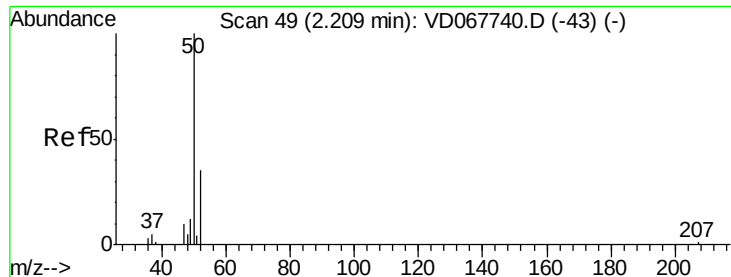
87 30.5 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 52.503 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

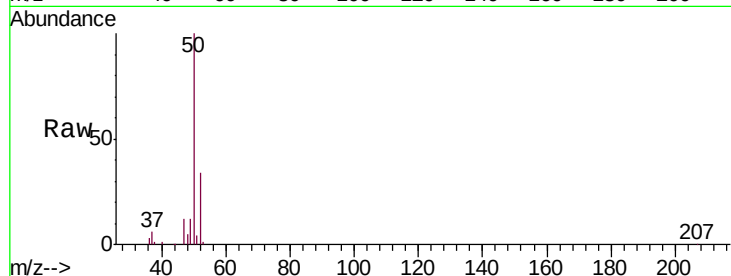
VSTDCCC050EC

Tgt Ion: 50 Resp: 61891

Ion Ratio Lower Upper

50 100

52 34.2 27.8 41.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

50000

40000

30000

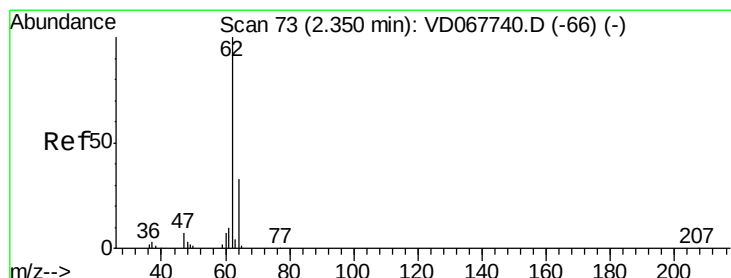
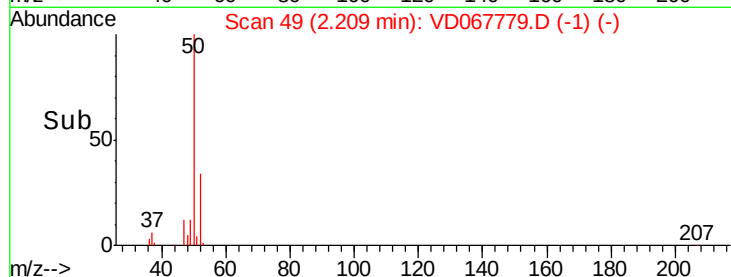
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 49.112 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067779.D

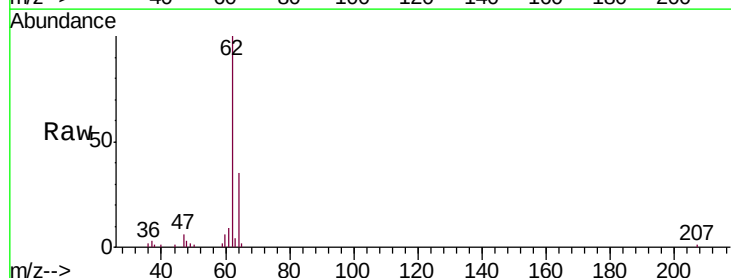
Acq: 24 Nov 2020 20:19

Tgt Ion: 62 Resp: 72545

Ion Ratio Lower Upper

62 100

64 35.2 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

50000

40000

30000

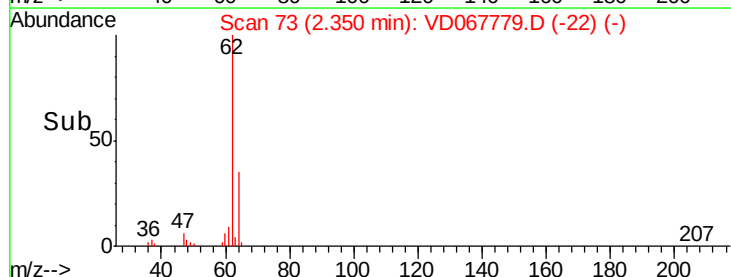
20000

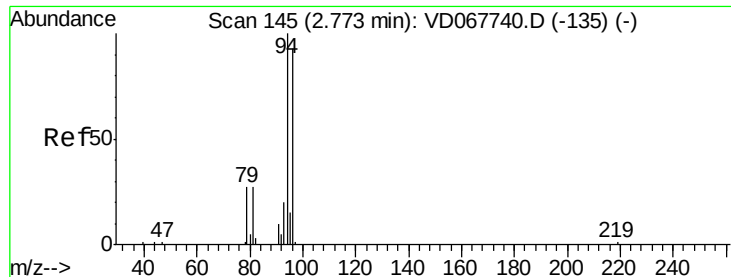
10000

0

Time-->

2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 52.350 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

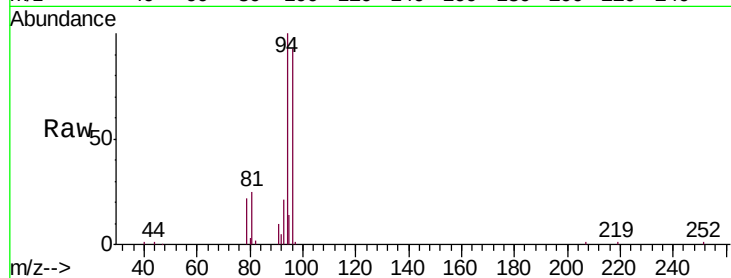
VSTDCCC050EC

Tgt Ion: 94 Resp: 65883

Ion Ratio Lower Upper

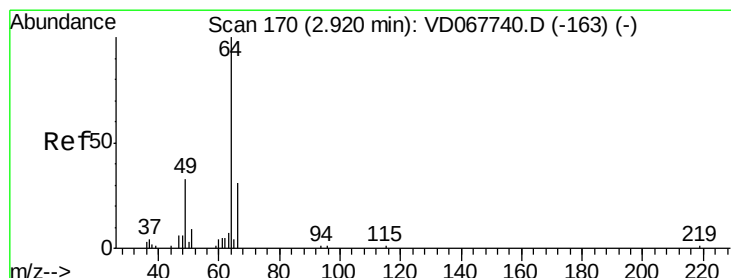
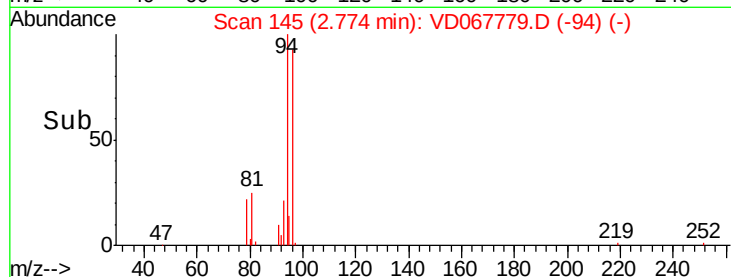
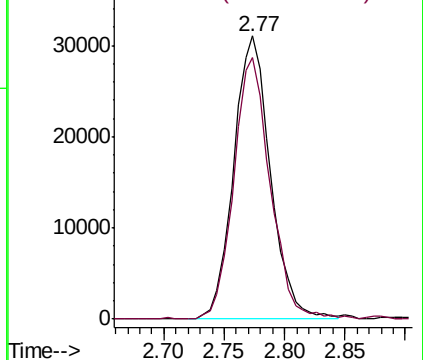
94 100

96 92.6 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 46.910 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067779.D

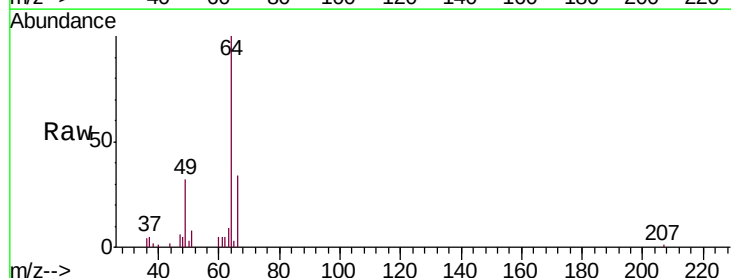
Acq: 24 Nov 2020 20:19

Tgt Ion: 64 Resp: 46182

Ion Ratio Lower Upper

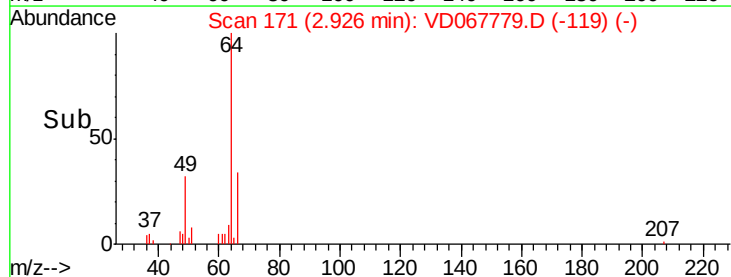
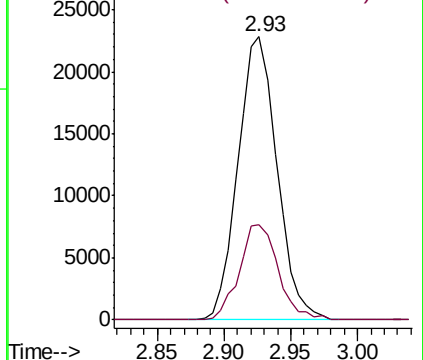
64 100

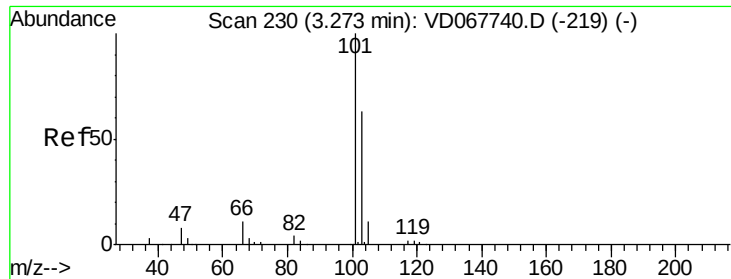
66 33.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



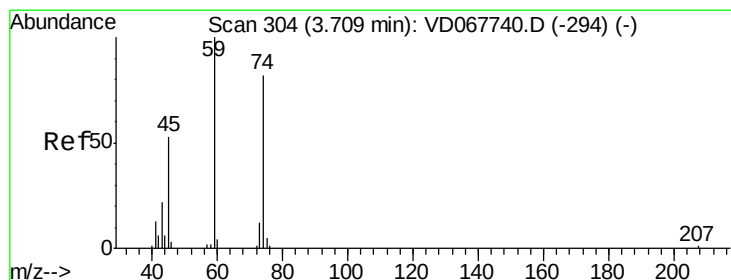
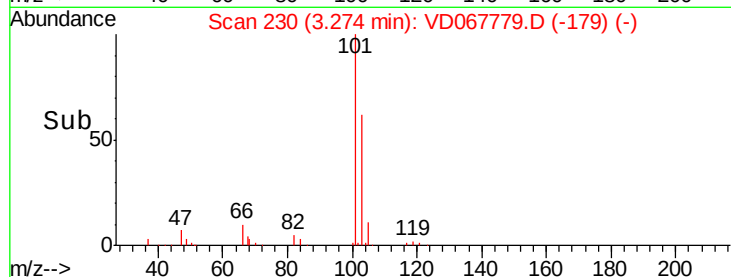
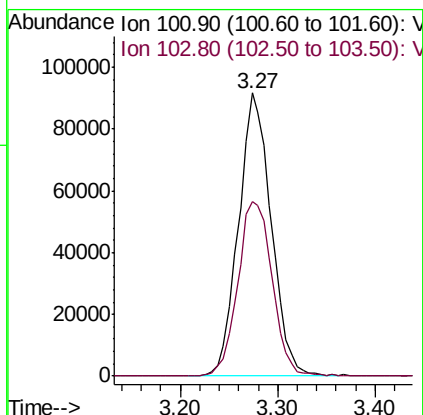
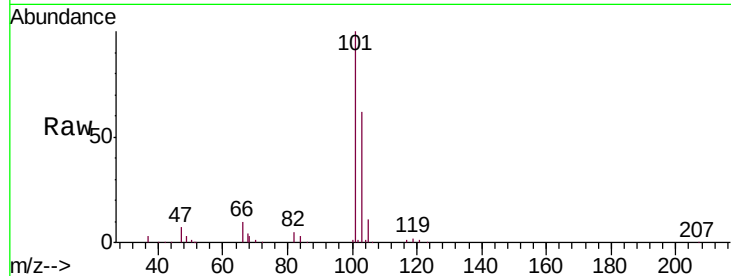


#7

Trichlorofluoromethane
 Concen: 47.289 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067779.D
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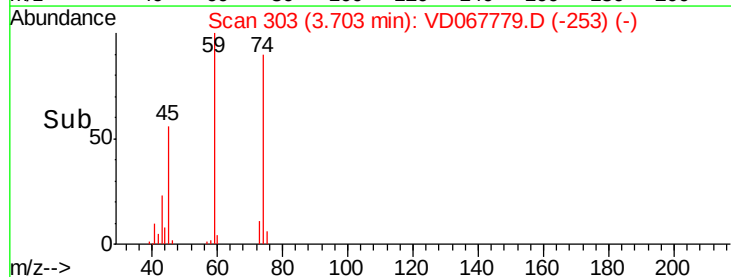
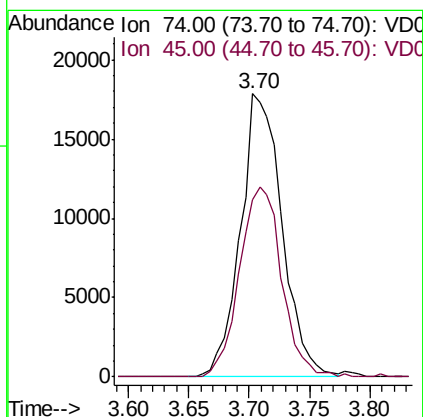
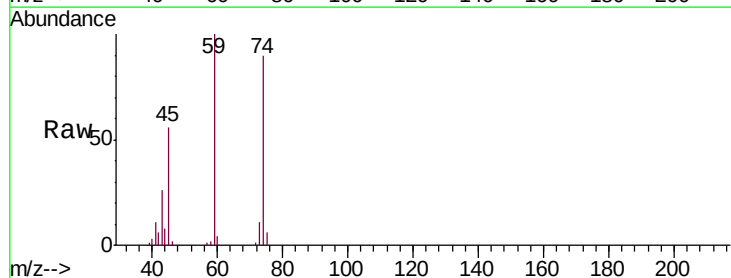
Tgt Ion:101 Resp: 213157
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.3 75.5

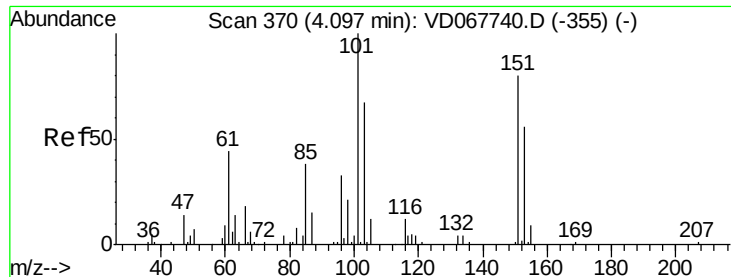


#8

Diethyl Ether
 Concen: 47.101 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Tgt Ion: 74 Resp: 42865
 Ion Ratio Lower Upper
 74 100
 45 68.0 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.652 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

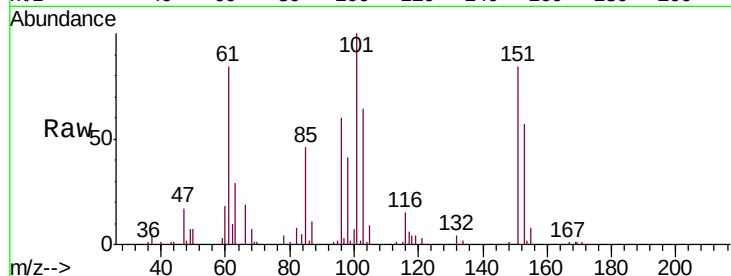
Tgt Ion:101 Resp: 98539

Ion Ratio Lower Upper

101 100

85 46.0 35.5 53.3

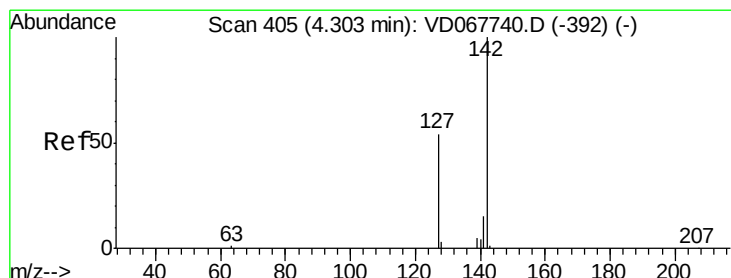
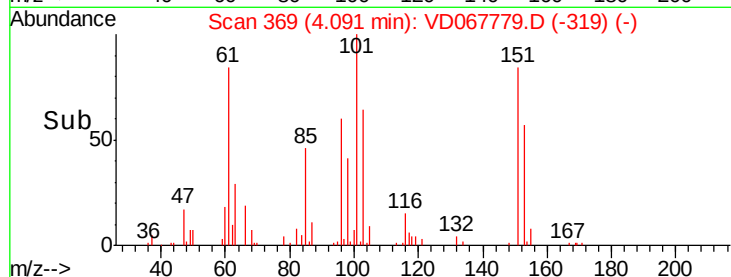
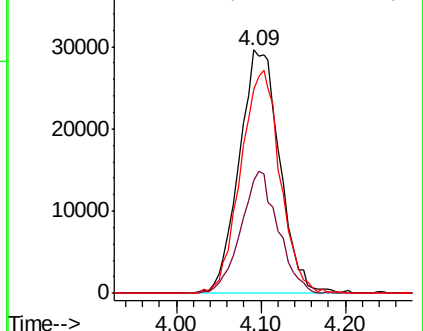
151 88.9 69.4 104.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.301 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

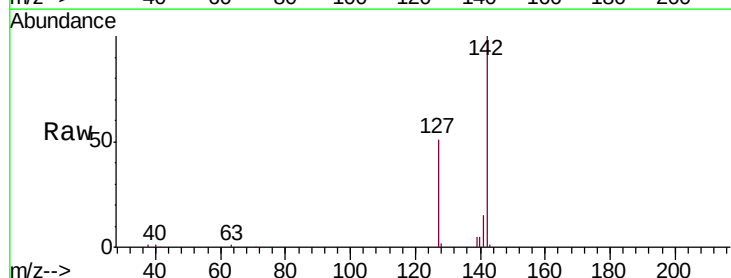
Tgt Ion:142 Resp: 111131

Ion Ratio Lower Upper

142 100

127 54.7 42.2 63.2

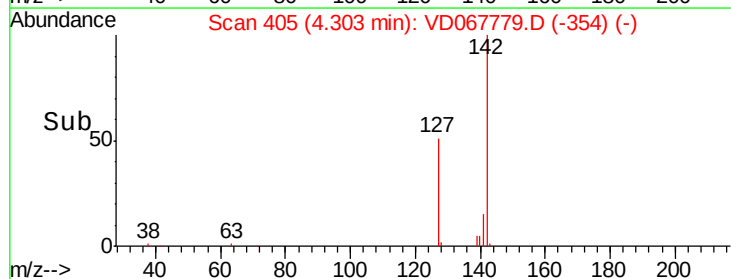
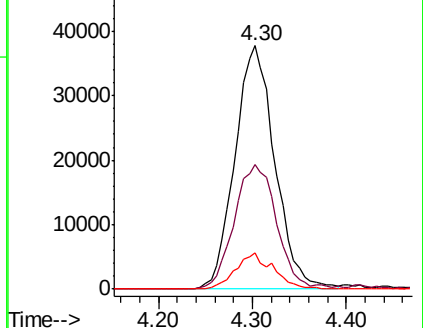
141 13.9 11.8 17.6

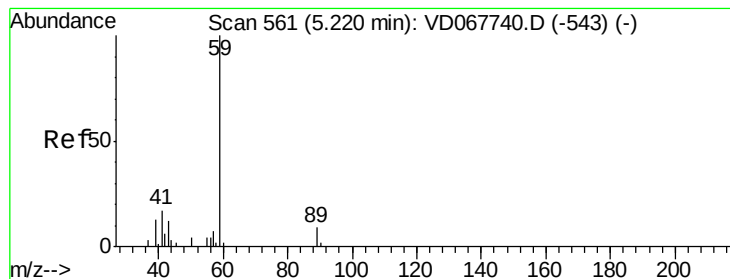


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



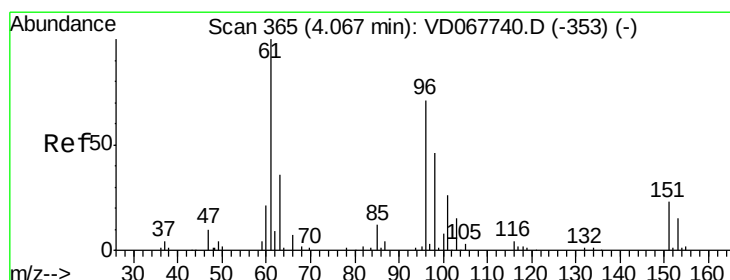
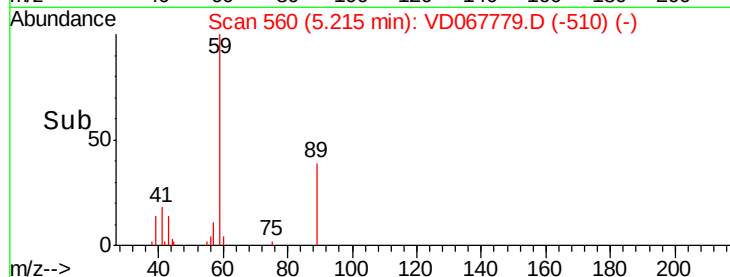
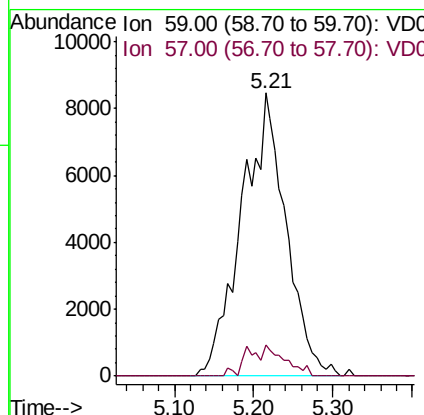
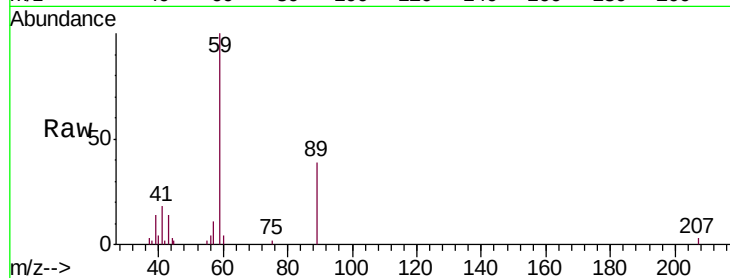


#11

Tert butyl alcohol
 Concen: 267.481 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

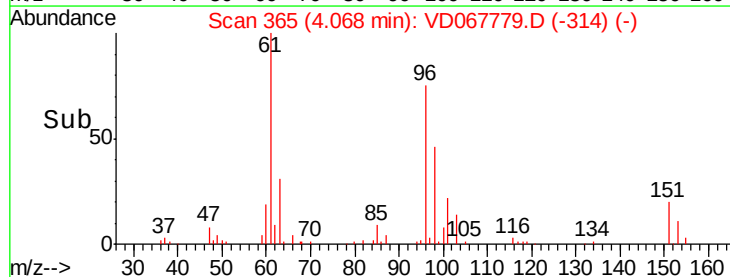
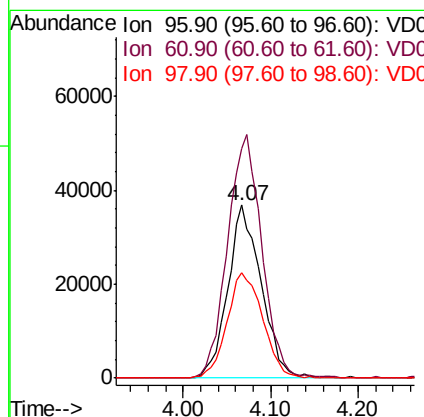
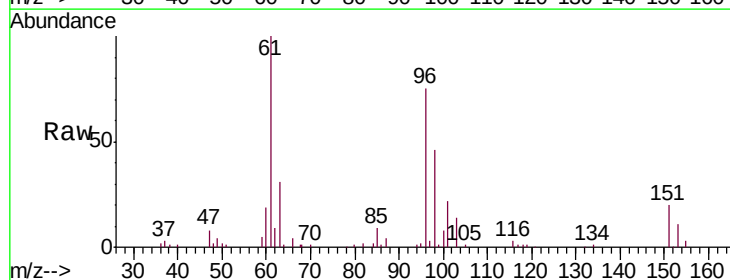
Tgt Ion: 59 Resp: 32890
 Ion Ratio Lower Upper
 59 100
 57 5.4 3.4 5.0#

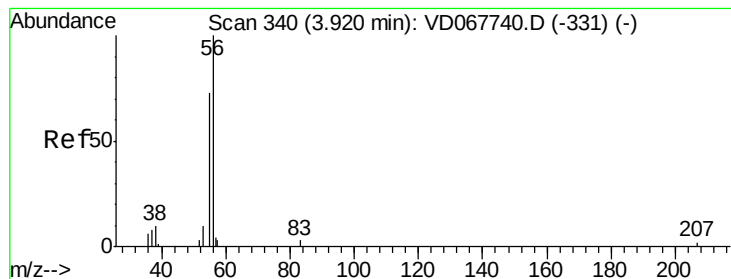


#12

1,1-Dichloroethene
 Concen: 47.852 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Tgt Ion: 96 Resp: 95574
 Ion Ratio Lower Upper
 96 100
 61 132.7 112.9 169.3
 98 61.1 52.4 78.6





#13

Acrolein

Concen: 234.507 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

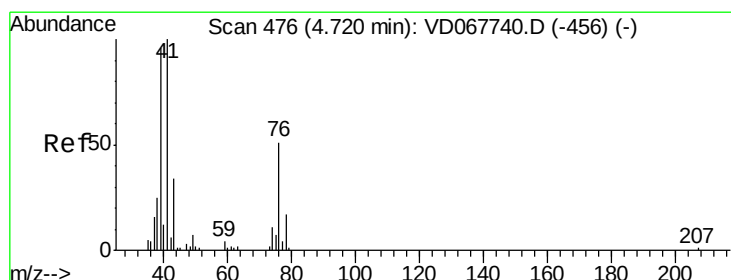
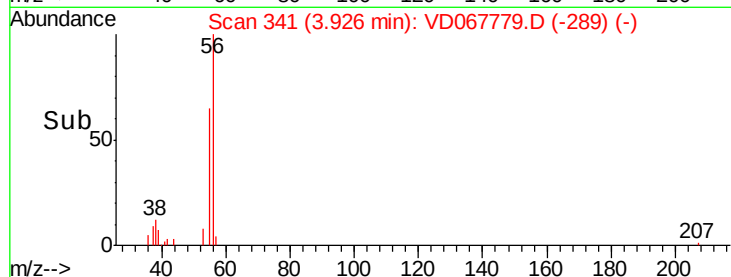
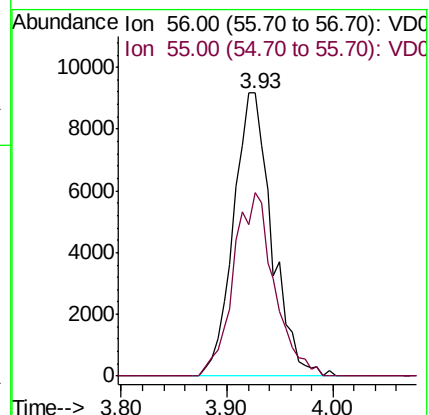
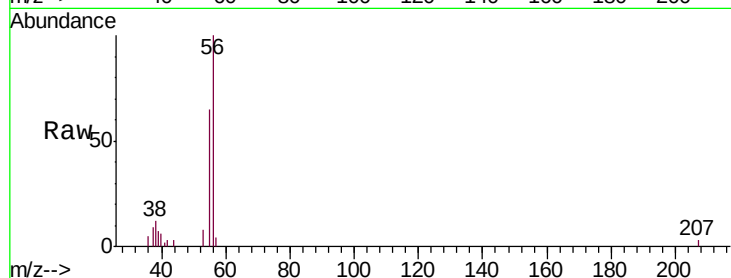
VSTDCCC050EC

Tgt Ion: 56 Resp: 22996

Ion Ratio Lower Upper

56 100

55 68.7 61.2 91.8



#14

Allyl chloride

Concen: 49.690 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

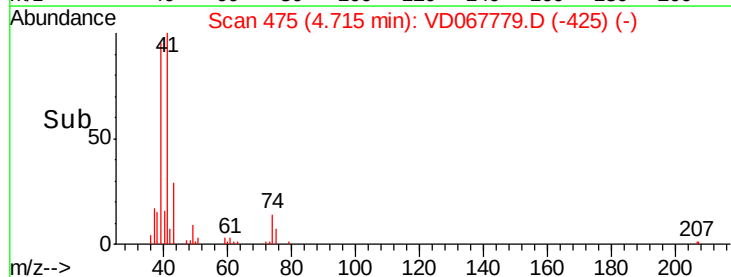
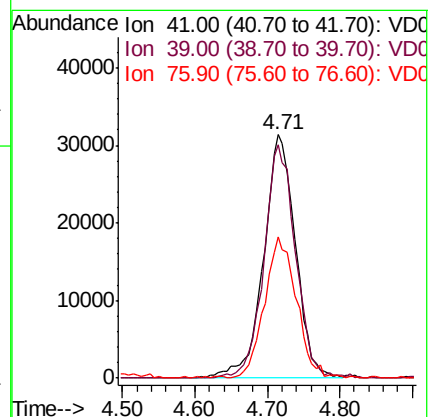
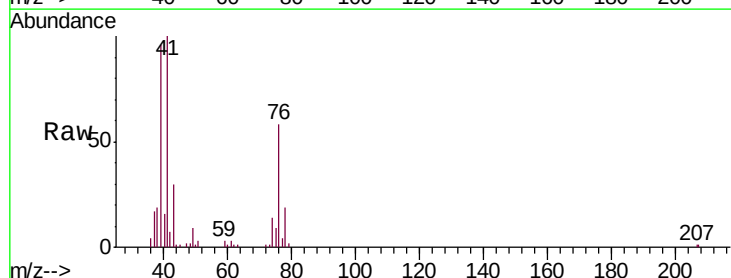
Tgt Ion: 41 Resp: 95936

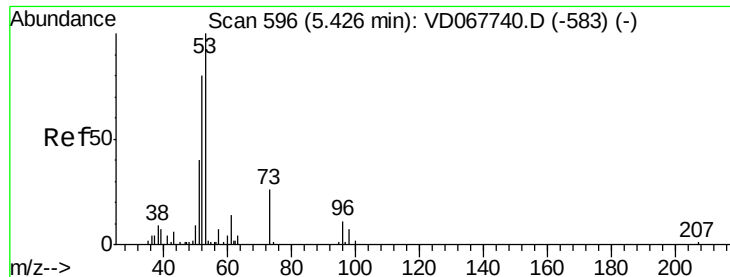
Ion Ratio Lower Upper

41 100

39 95.0 74.6 111.8

76 58.1 43.3 64.9





#15

Acrylonitrile

Concen: 253.698 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

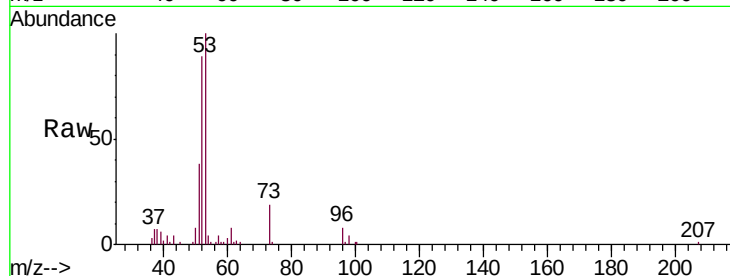
Tgt Ion: 53 Resp: 80415

Ion Ratio Lower Upper

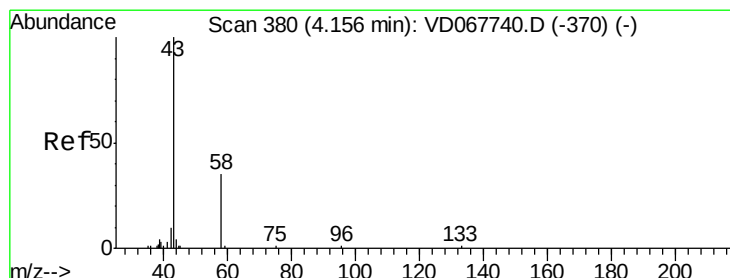
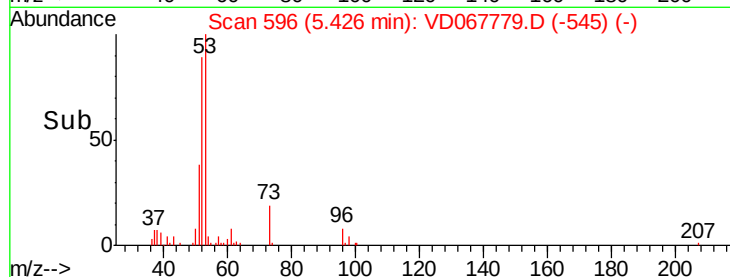
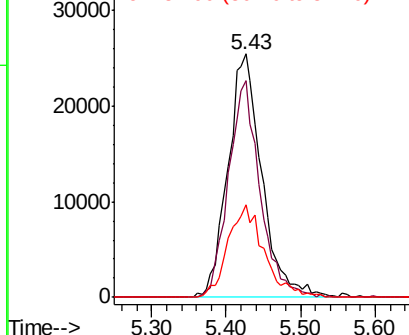
53 100

52 82.7 63.4 95.2

51 40.6 31.4 47.2



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 230.748 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067779.D

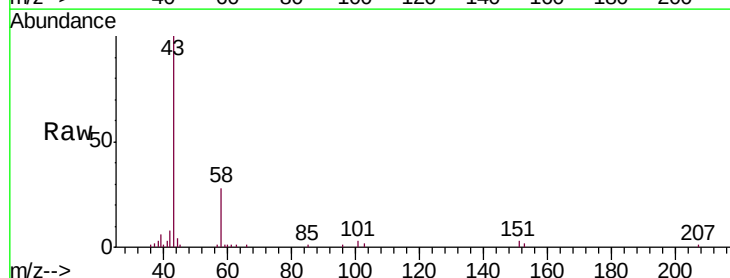
Acq: 24 Nov 2020 20:19

Tgt Ion: 43 Resp: 70524

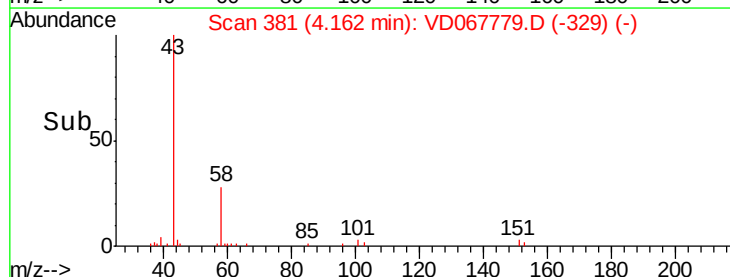
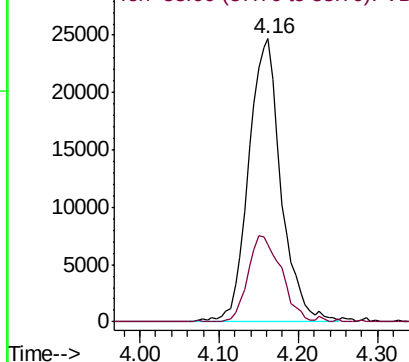
Ion Ratio Lower Upper

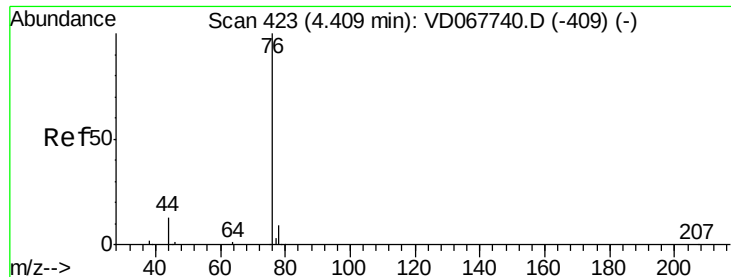
43 100

58 27.5 27.6 41.4#



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

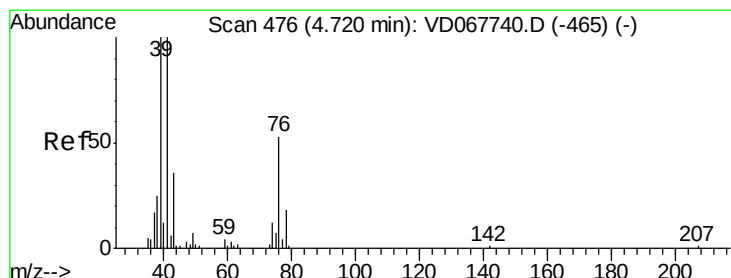
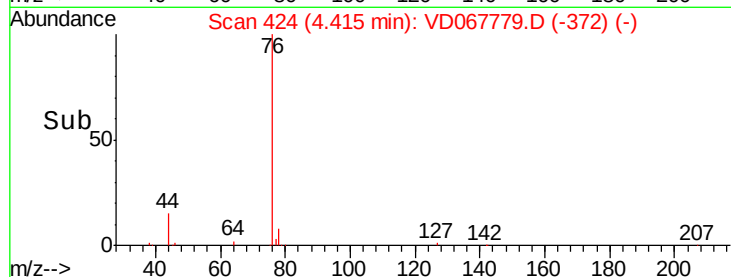
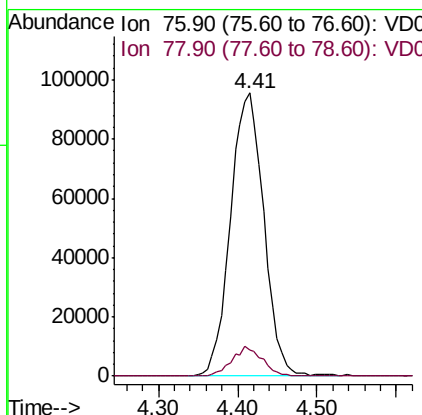
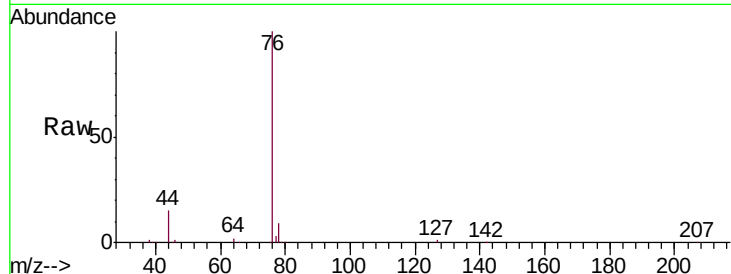




#17
Carbon Disulfide
Concen: 48.158 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

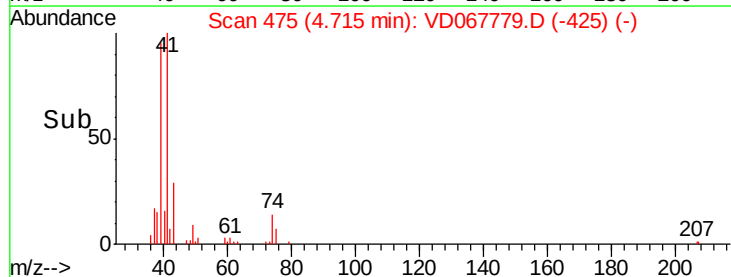
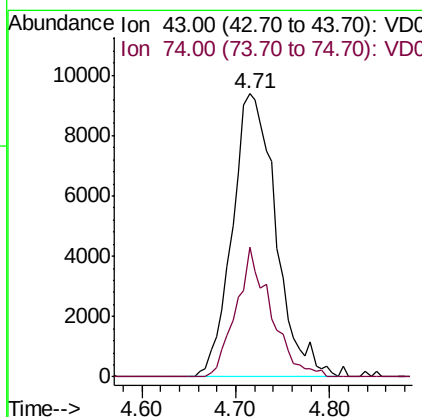
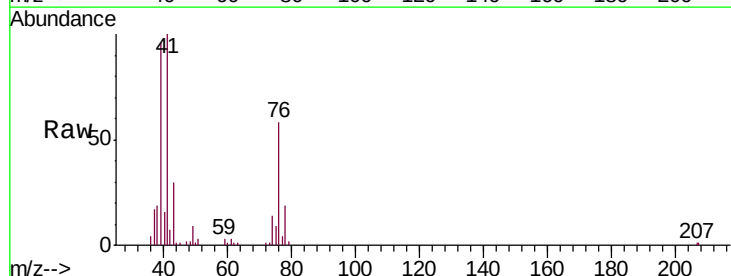
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

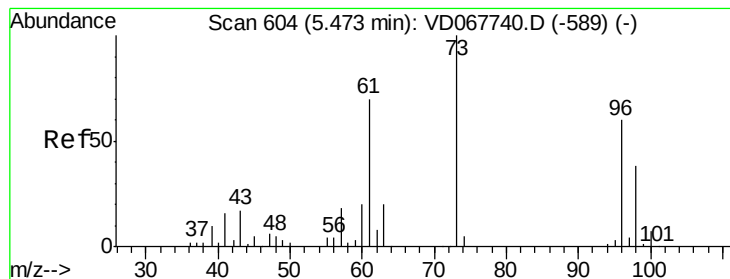
Tgt Ion: 76 Resp: 278195
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 49.083 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Tgt Ion: 43 Resp: 30180
Ion Ratio Lower Upper
43 100
74 36.8 29.7 44.5



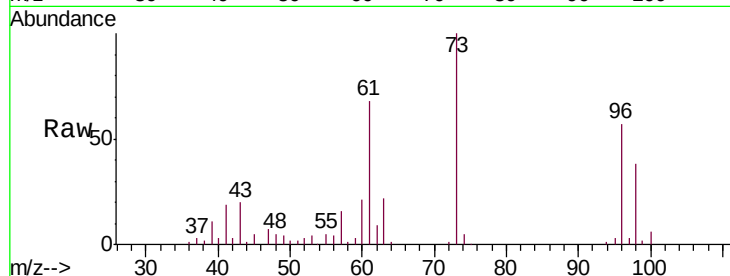


#19

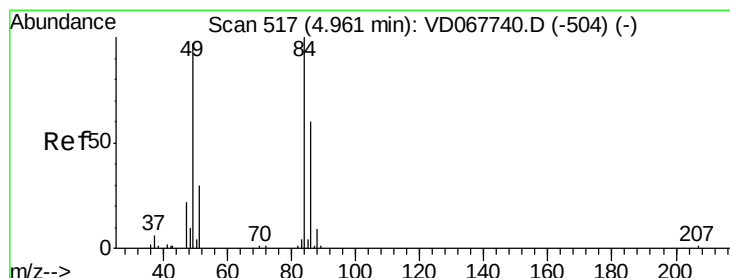
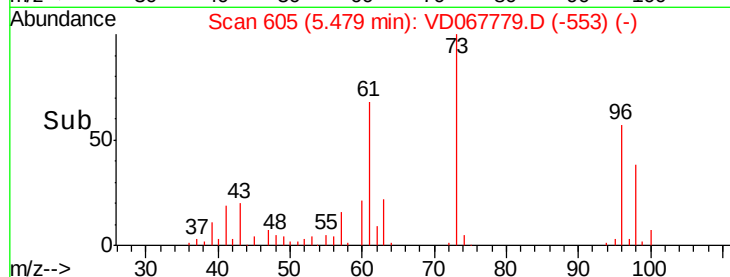
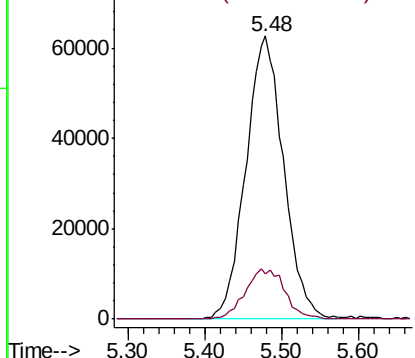
Methyl tert-butyl Ether
 Concen: 50.221 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 73 Resp: 214372
 Ion Ratio Lower Upper
 73 100
 57 16.2 14.8 22.2



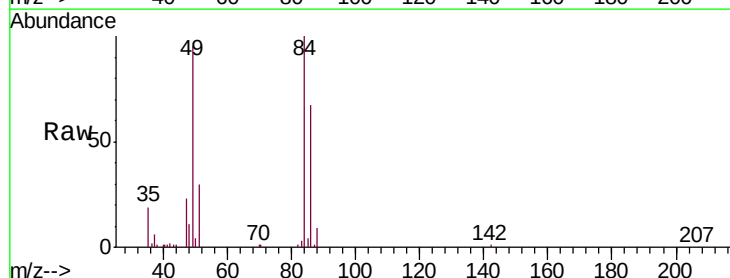
Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



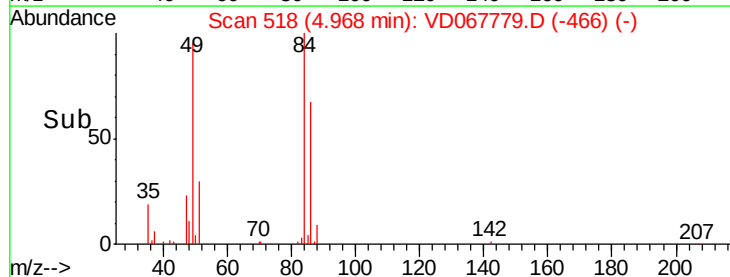
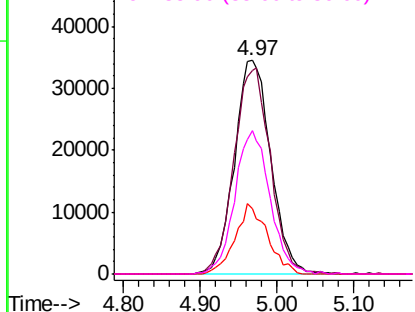
#20

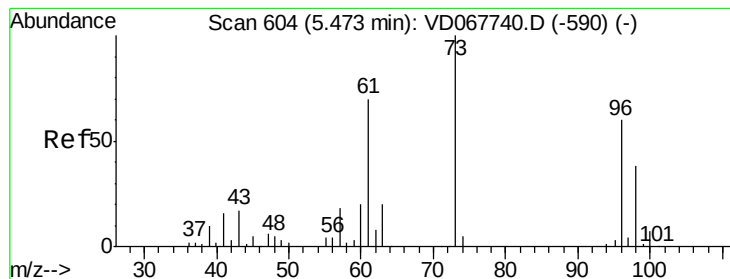
Methylene Chloride
 Concen: 49.178 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Tgt Ion: 84 Resp: 114030
 Ion Ratio Lower Upper
 84 100
 49 95.1 77.4 116.2
 51 30.3 24.1 36.1
 86 67.4 48.2 72.2



Abundance Ion 83.90 (83.60 to 84.60): VDC
 Ion 48.90 (48.60 to 49.60): VDC
 Ion 50.90 (50.60 to 51.60): VDC
 Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 50.060 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

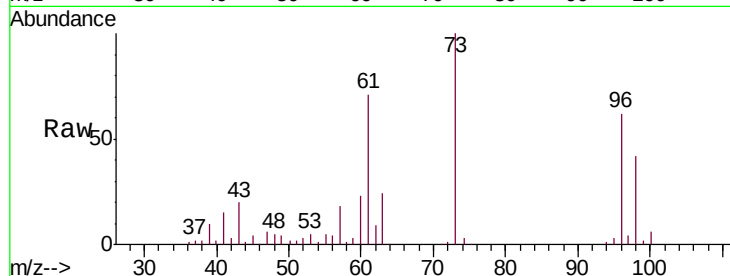
Tgt Ion: 96 Resp: 113673

Ion Ratio Lower Upper

96 100

61 113.9 94.0 141.0

98 66.8 51.3 76.9

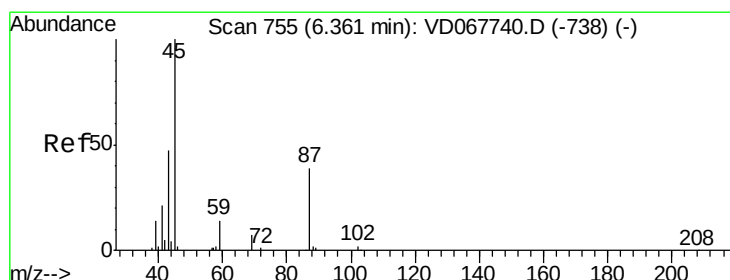
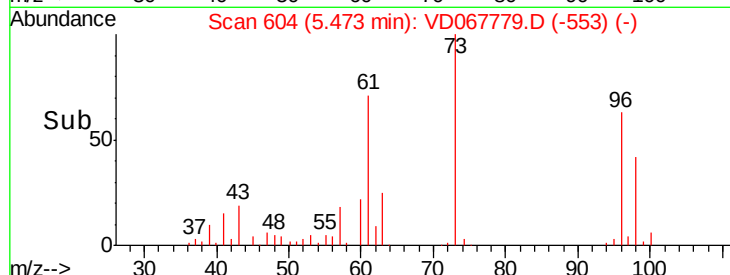
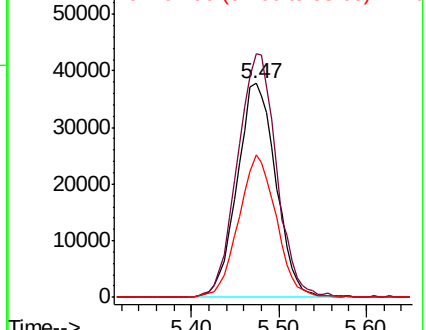


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 52.217 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Tgt Ion: 45 Resp: 199003

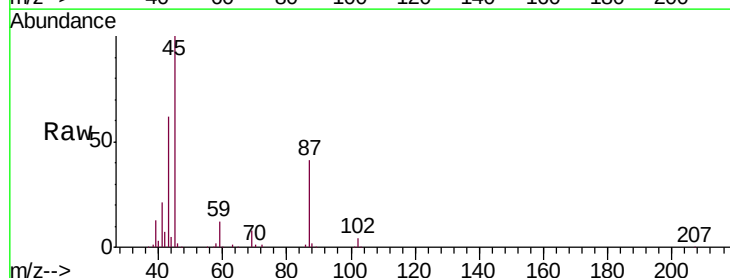
Ion Ratio Lower Upper

45 100

43 60.4 46.8 70.2

87 40.9 32.9 49.3

59 12.3 11.2 16.8



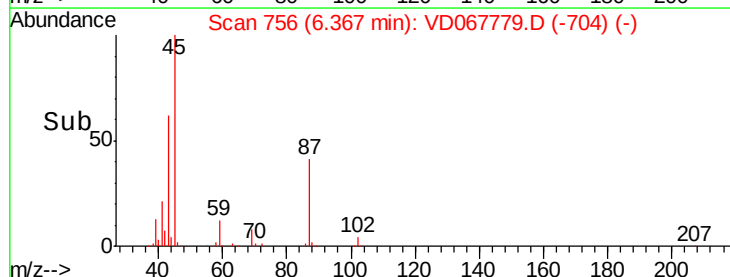
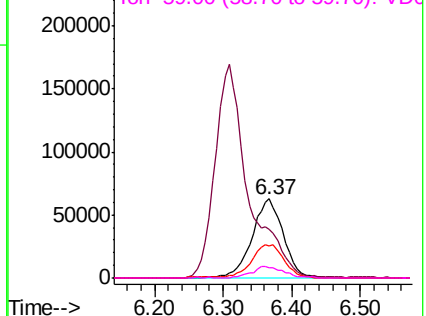
Abundance

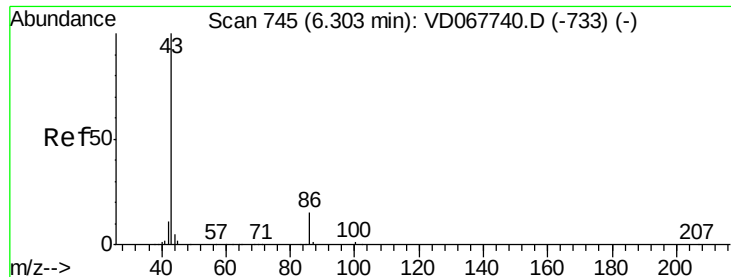
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 266.621 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

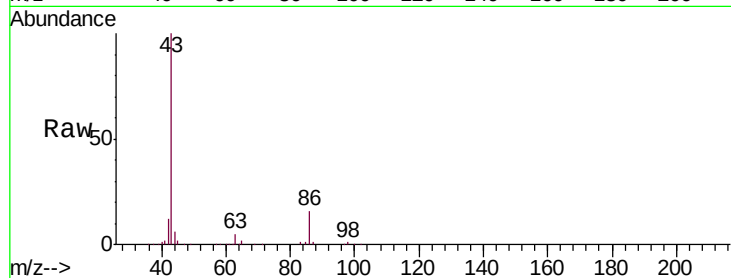
VSTDCCC050EC

Tgt Ion: 43 Resp: 573182

Ion Ratio Lower Upper

43 100

86 15.9 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

150000

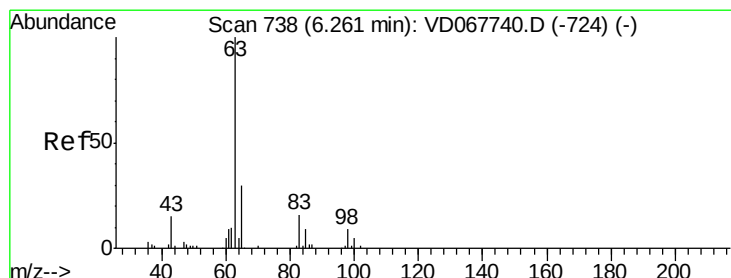
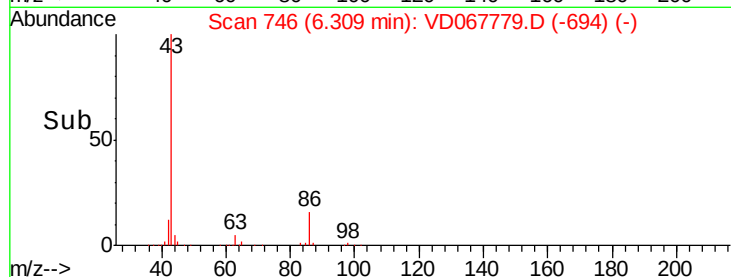
100000

50000

0

Time-->

6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 51.004 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

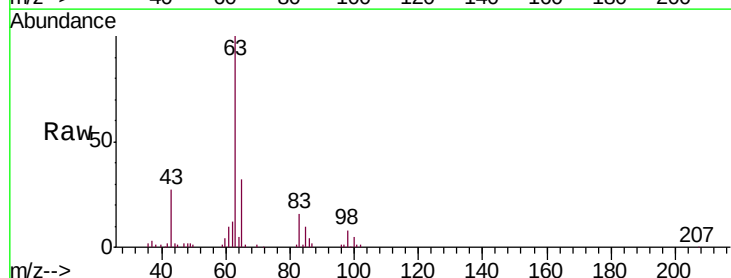
Tgt Ion: 63 Resp: 164799

Ion Ratio Lower Upper

63 100

98 8.3 4.4 13.2

100 5.4 2.6 8.0



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

6.27

60000

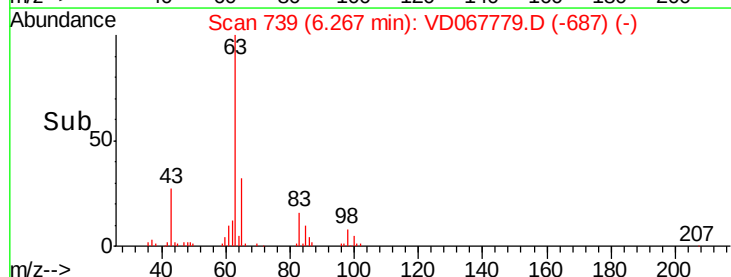
40000

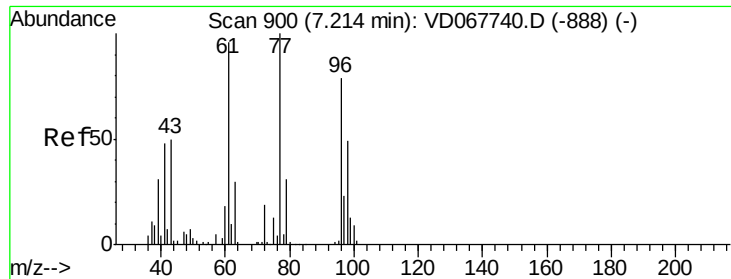
20000

0

Time-->

6.10 6.20 6.30 6.40

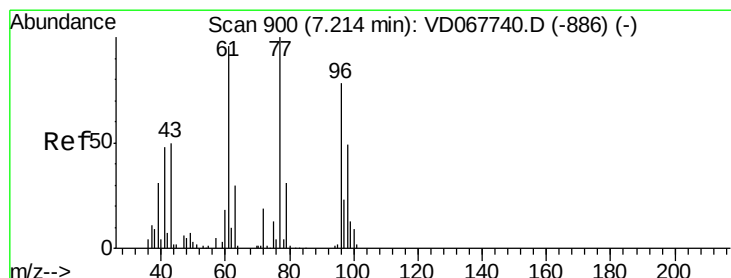
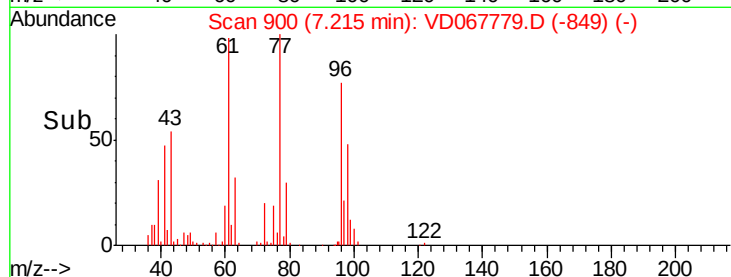
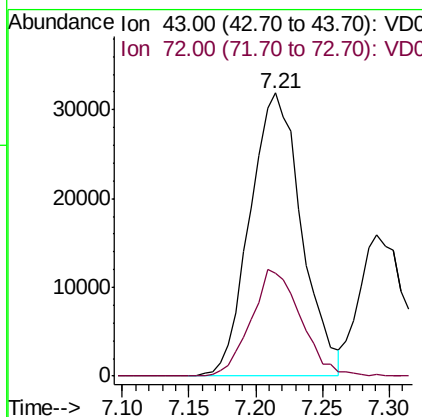
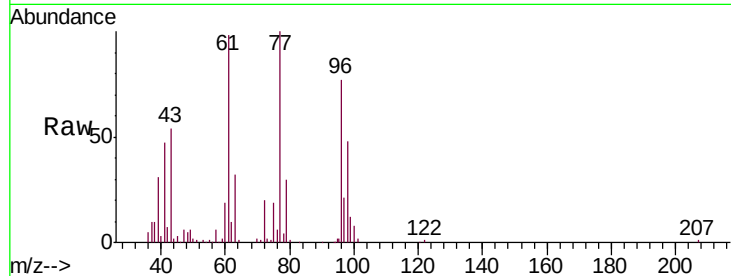




#25
2-Butanone
Concen: 249.548 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

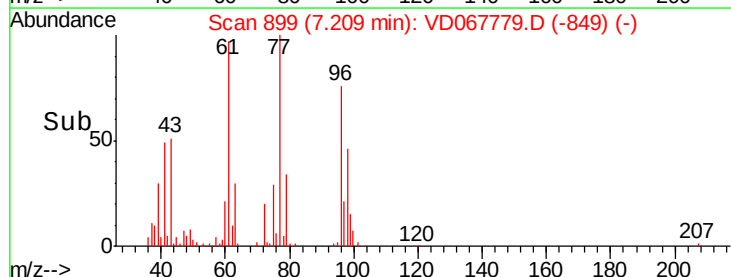
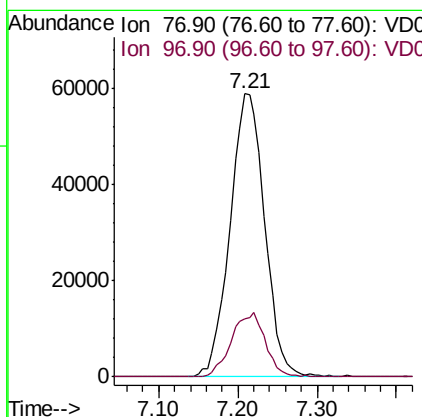
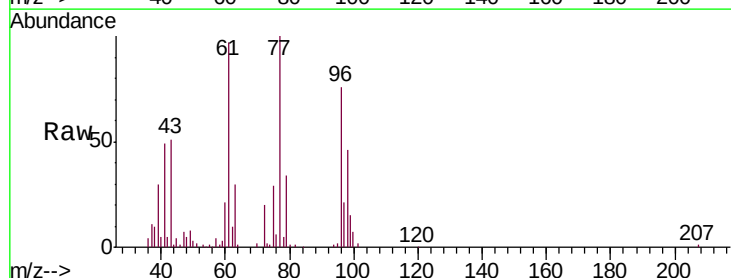
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

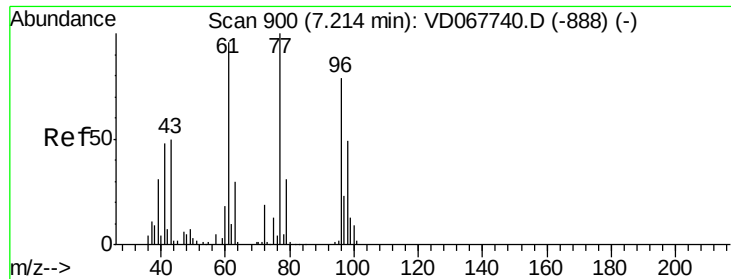
Tgt Ion: 43 Resp: 85586
Ion Ratio Lower Upper
43 100
72 36.3 30.8 46.2



#26
2,2-Dichloropropane
Concen: 46.692 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Tgt Ion: 77 Resp: 177982
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.3

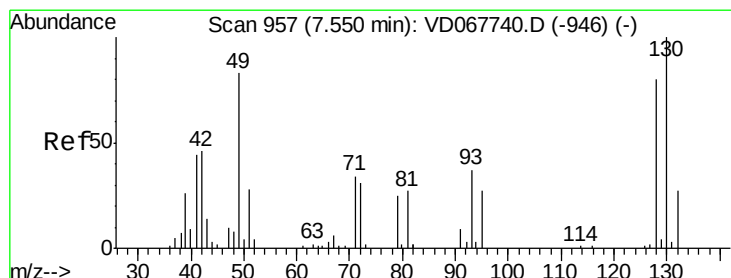
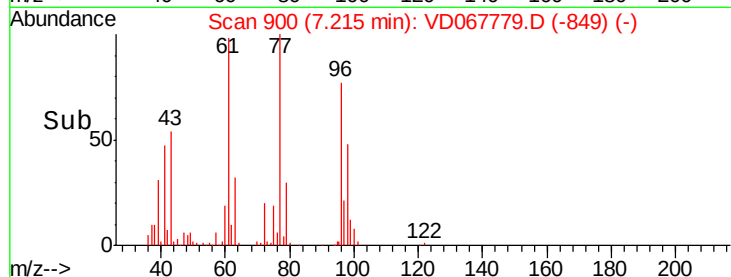
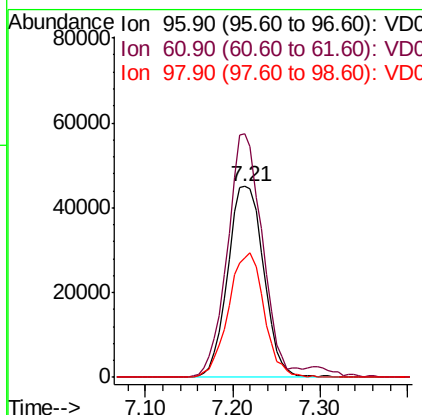
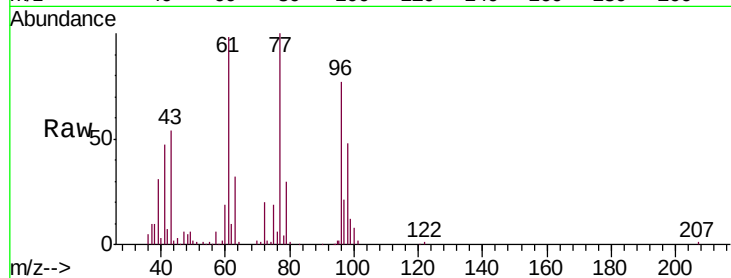




#27
 cis-1,2-Dichloroethene
 Concen: 52.053 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

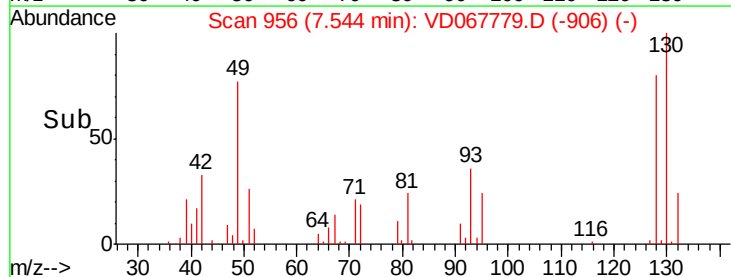
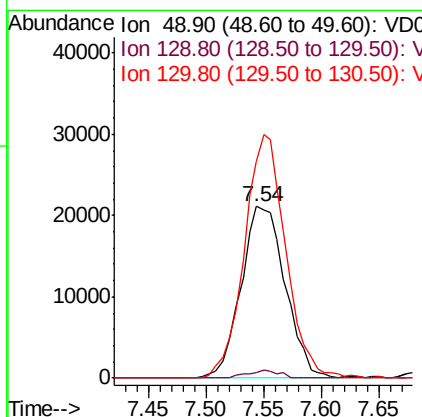
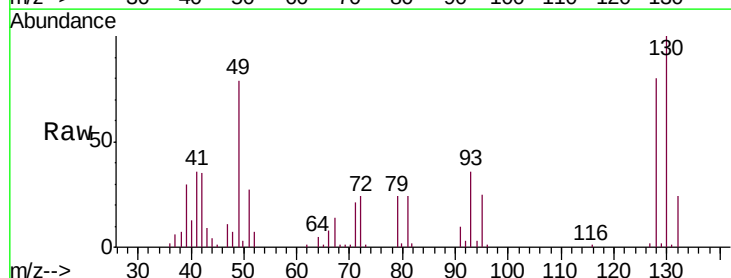
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

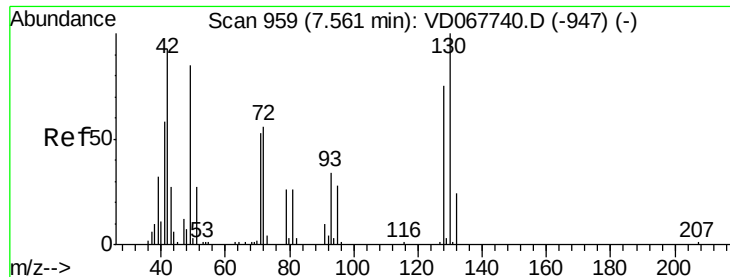
Tgt Ion: 96 Resp: 125987
 Ion Ratio Lower Upper
 96 100
 61 124.4 0.0 258.0
 98 64.3 0.0 131.8



#28
 Bromochloromethane
 Concen: 54.255 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Tgt Ion: 49 Resp: 56154
 Ion Ratio Lower Upper
 49 100
 129 3.2 0.0 7.0
 130 132.8 102.2 153.4

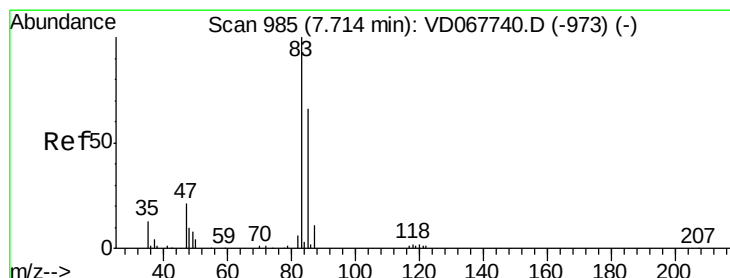
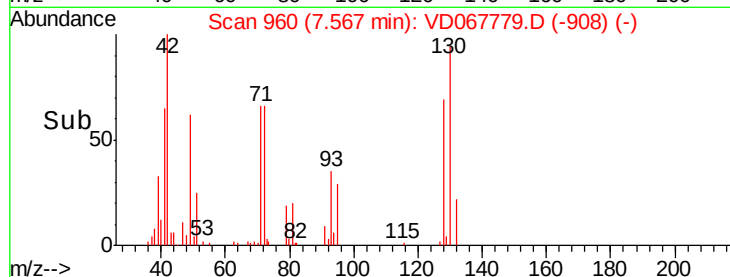
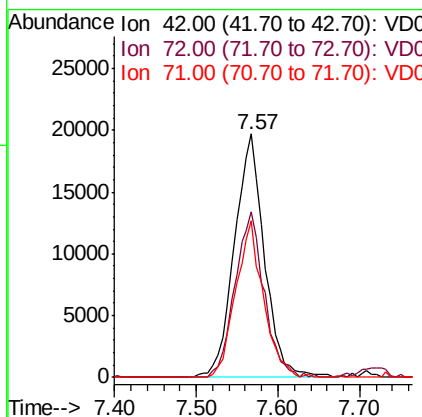
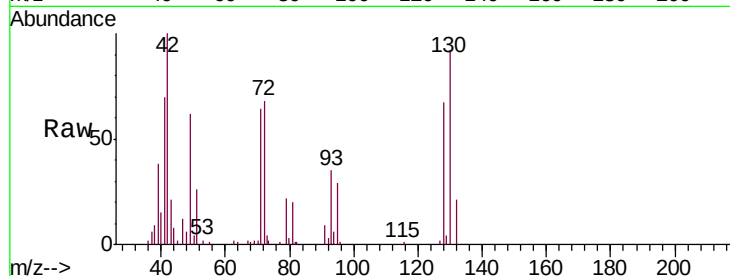




#29
Tetrahydrofuran
Concen: 256.605 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

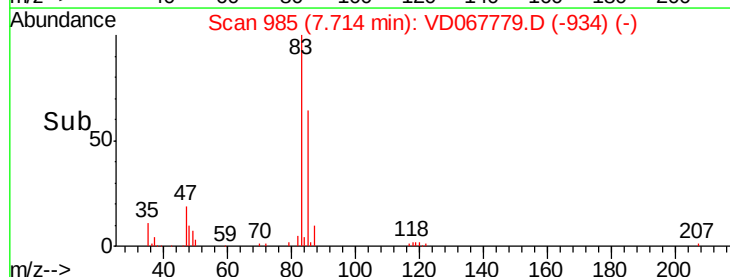
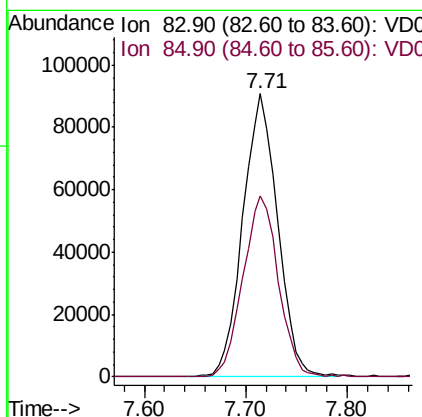
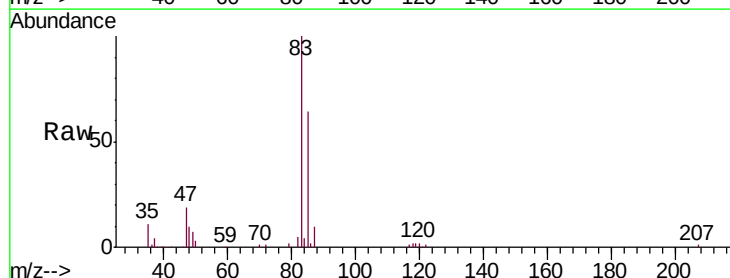
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

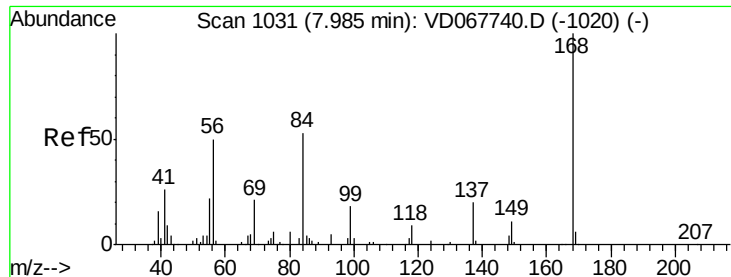
Tgt Ion: 42 Resp: 50037
Ion Ratio Lower Upper
42 100
72 65.7 49.3 73.9
71 59.4 45.9 68.9



#30
Chloroform
Concen: 51.154 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Tgt Ion: 83 Resp: 216138
Ion Ratio Lower Upper
83 100
85 64.0 53.1 79.7

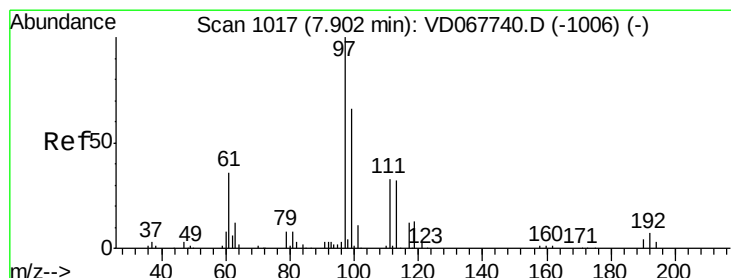
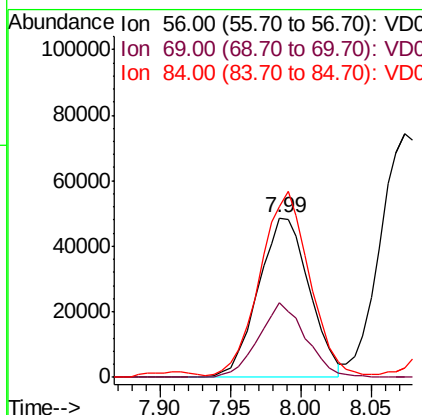
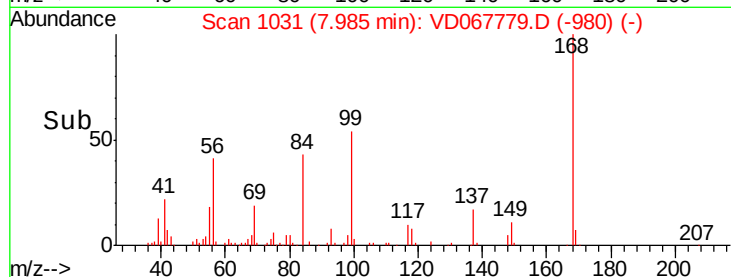
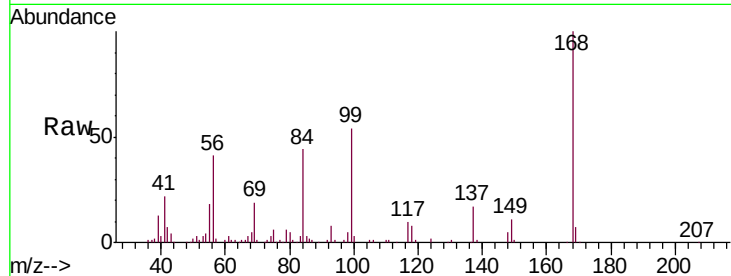




#31
Cyclohexane
Concen: 43.064 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

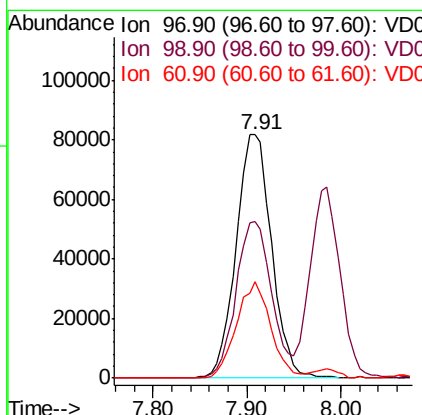
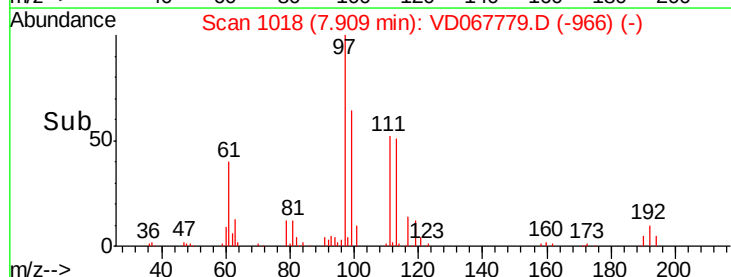
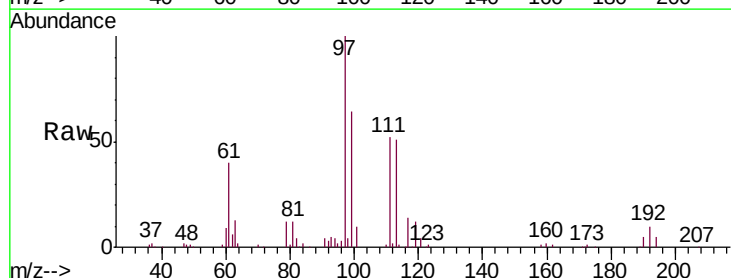
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

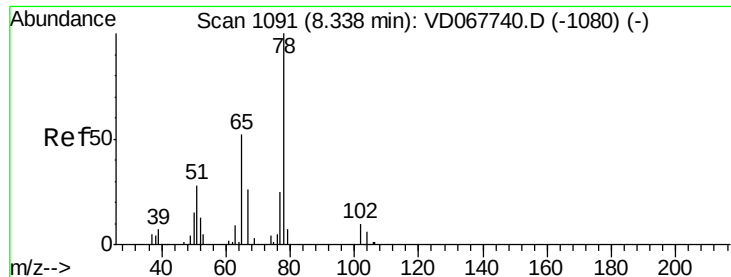
Tgt Ion: 56 Resp: 123274
Ion Ratio Lower Upper
56 100
69 46.7 33.2 49.8
84 104.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 47.821 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Tgt Ion: 97 Resp: 213987
Ion Ratio Lower Upper
97 100
99 65.2 51.1 76.7
61 38.3 29.4 44.2

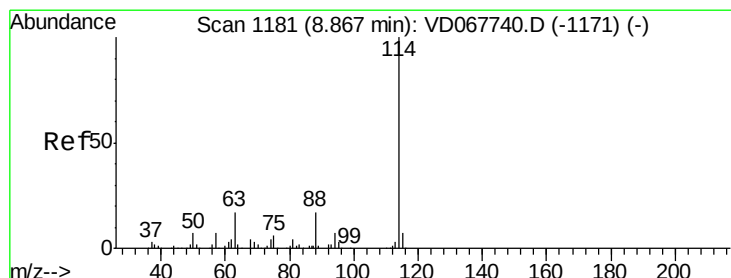
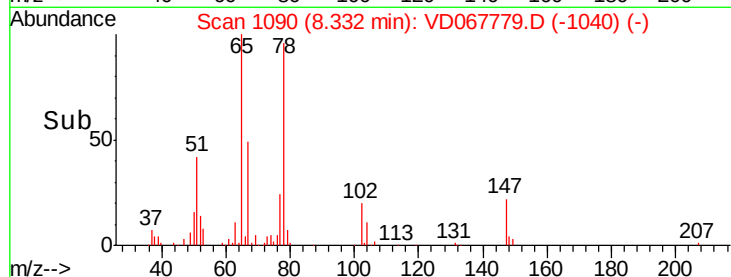
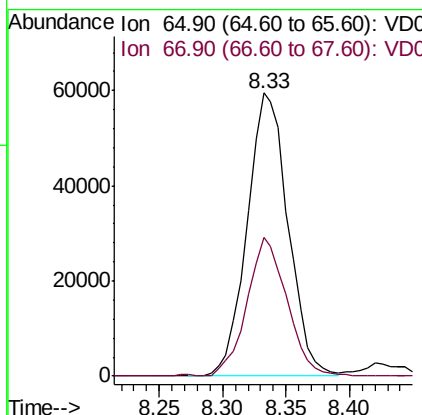
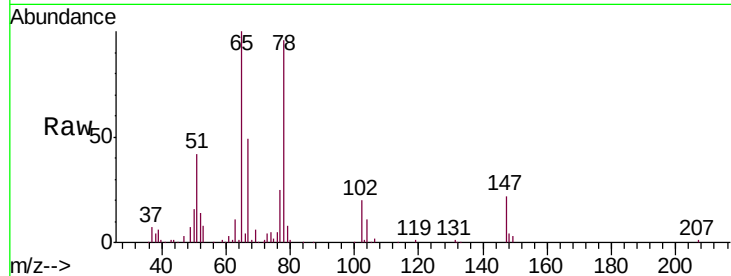




#33
 1,2-Dichloroethane-d4
 Concen: 56.541 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

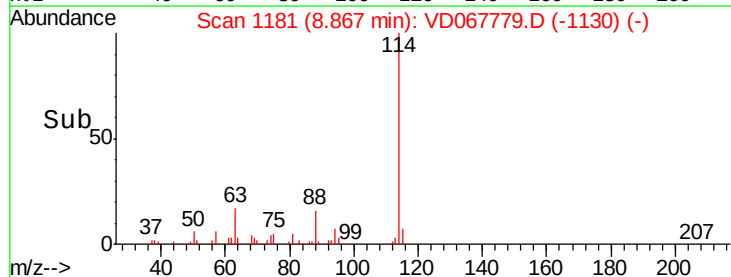
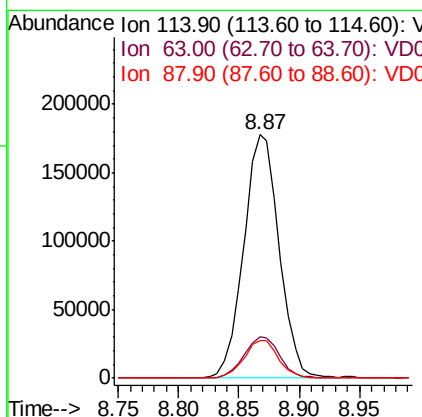
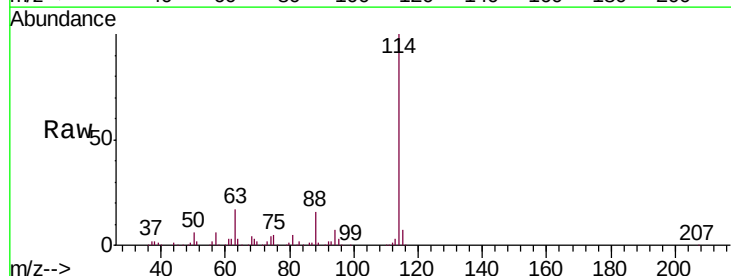
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

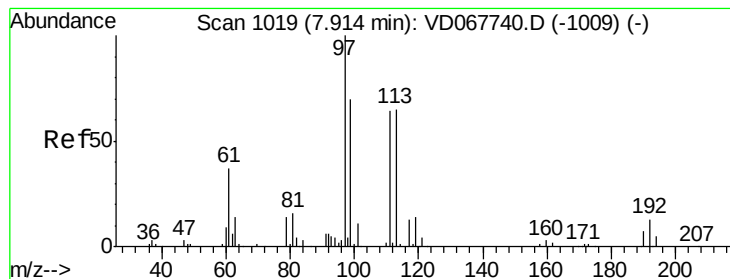
Tgt Ion: 65 Resp: 133764
 Ion Ratio Lower Upper
 65 100
 67 47.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Tgt Ion: 114 Resp: 364181
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.8
 88 15.6 0.0 34.4





#35

Dibromofluoromethane

Concen: 53.374 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

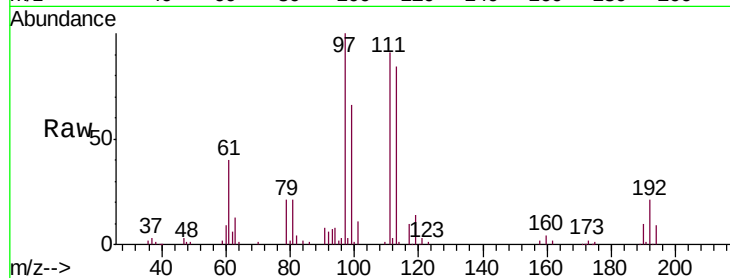
Tgt Ion: 113 Resp: 123702

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

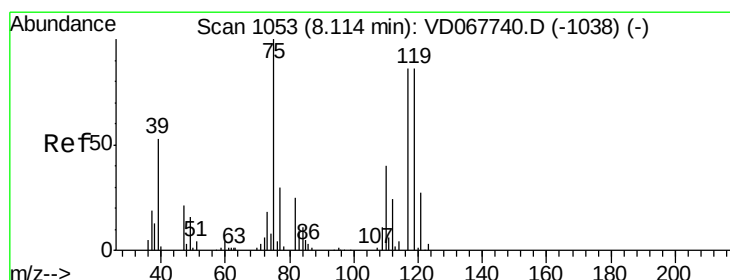
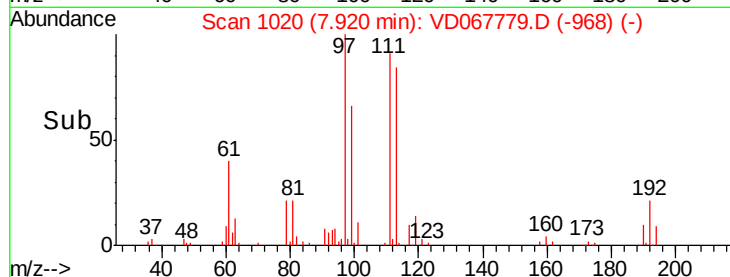
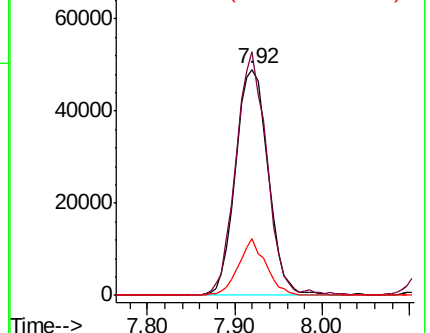
192 21.1 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.578 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

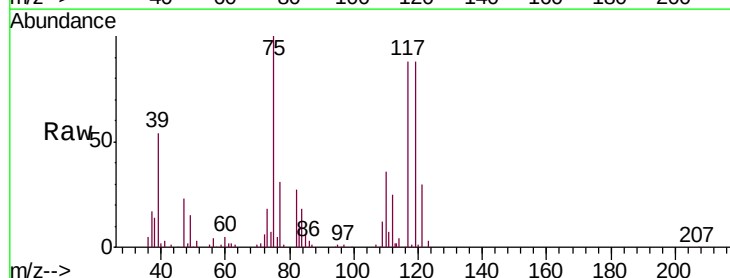
Tgt Ion: 75 Resp: 145560

Ion Ratio Lower Upper

75 100

110 39.0 20.1 60.2

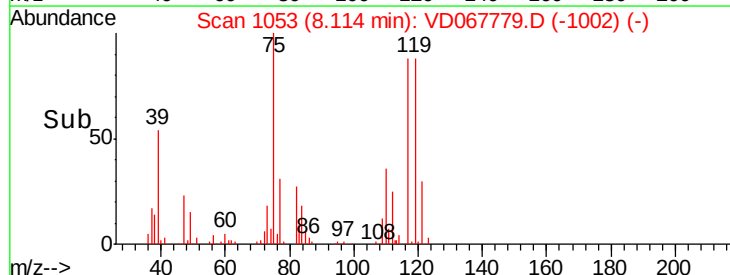
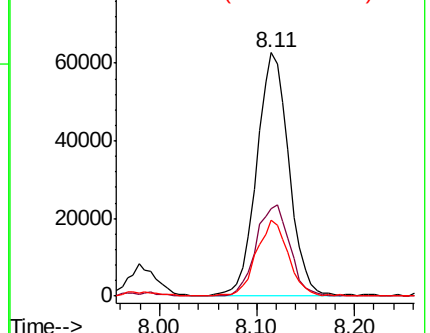
77 30.8 24.8 37.2

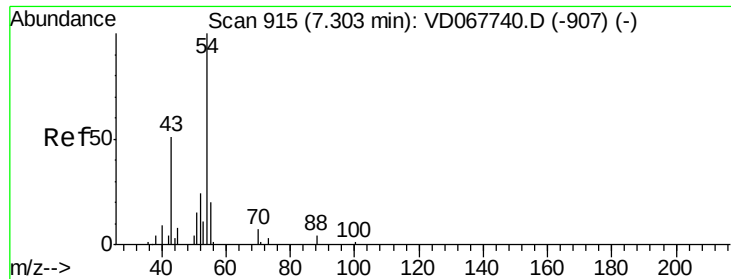


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

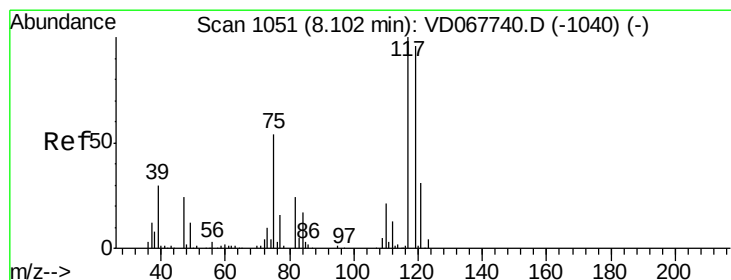
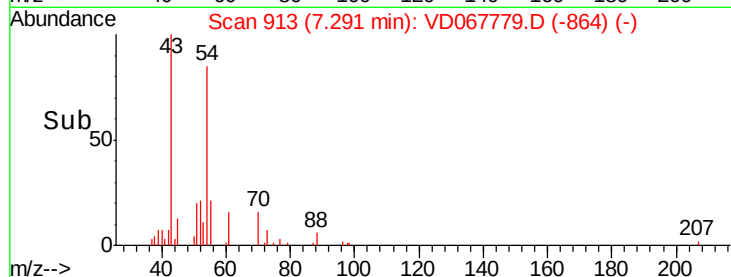
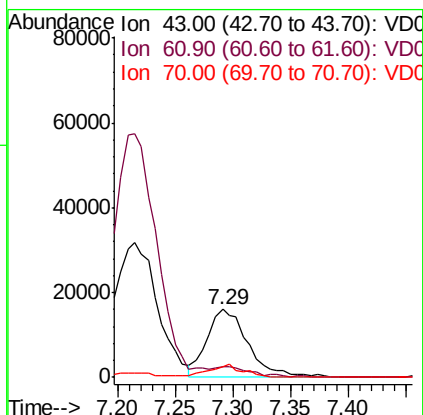
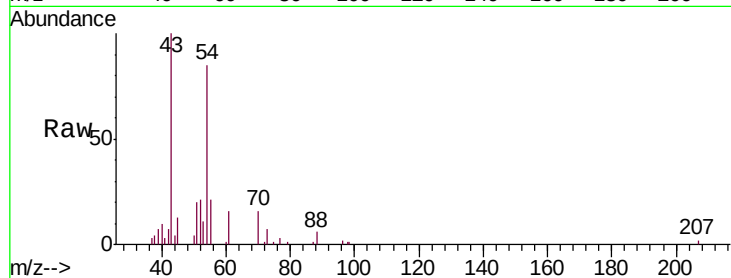




#37
Ethyl Acetate
Concen: 47.148 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

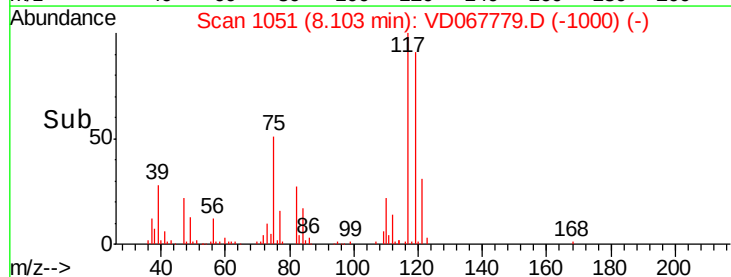
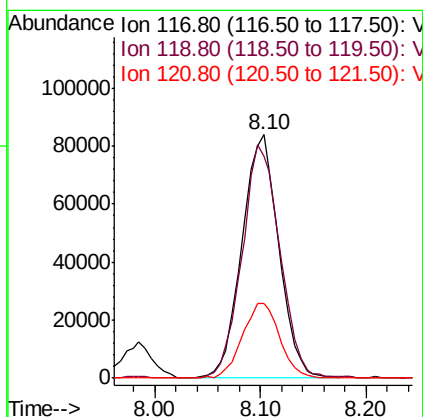
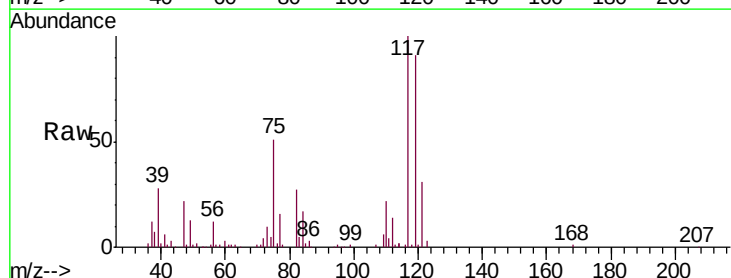
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

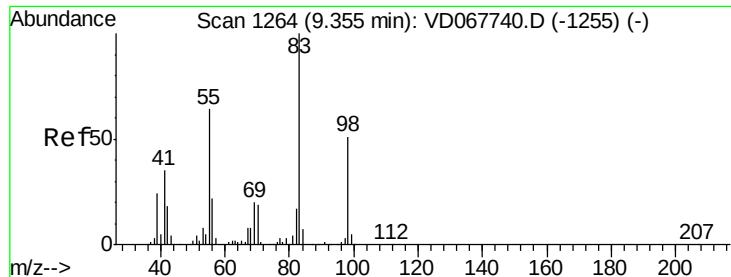
Tgt Ion: 43 Resp: 39619
Ion Ratio Lower Upper
43 100
61 15.0 12.9 19.3
70 15.5 12.2 18.2



#38
Carbon Tetrachloride
Concen: 44.664 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Tgt Ion: 117 Resp: 202327
Ion Ratio Lower Upper
117 100
119 91.1 76.6 115.0
121 30.9 24.5 36.7

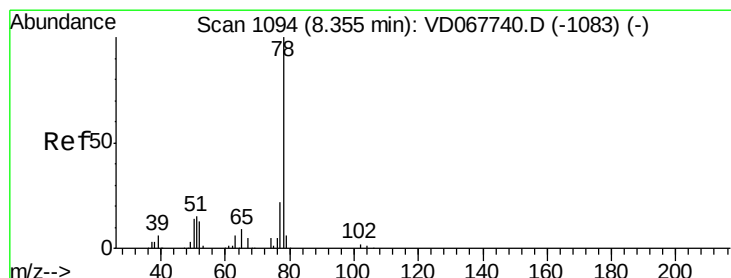
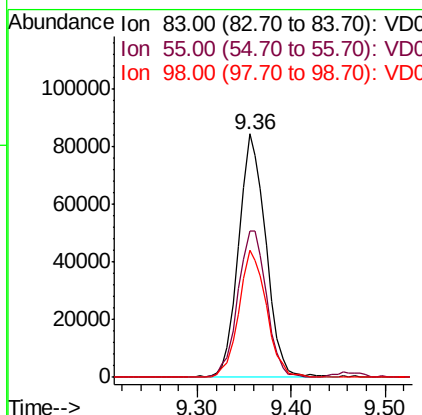
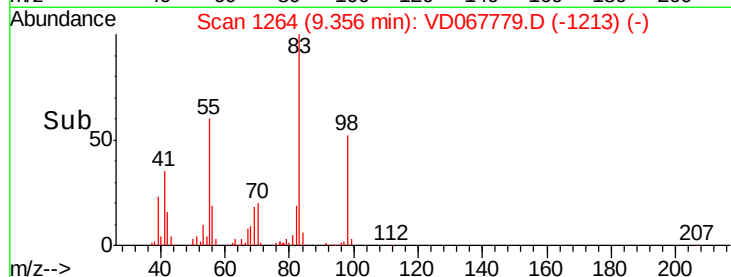
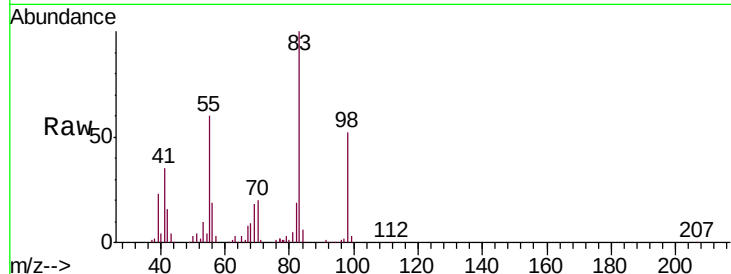




#39
Methylcyclohexane
Concen: 45.724 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

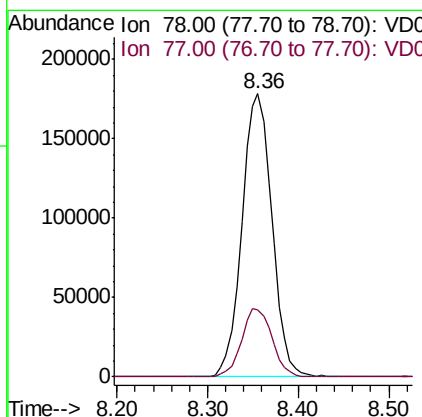
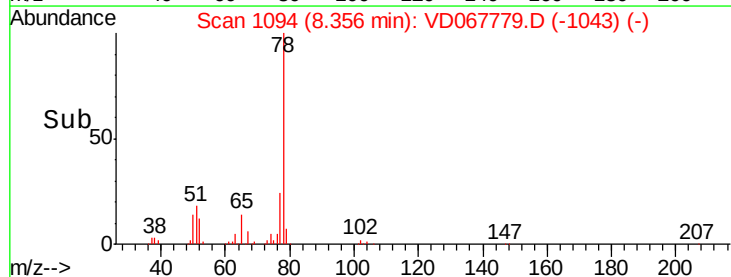
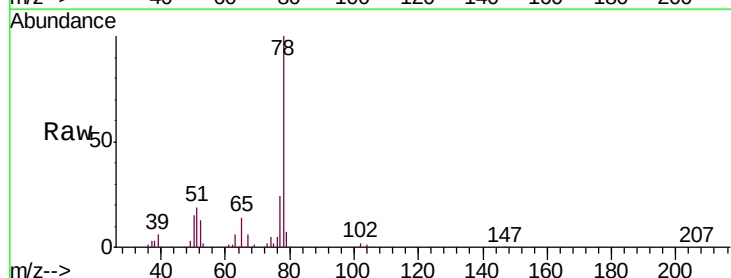
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

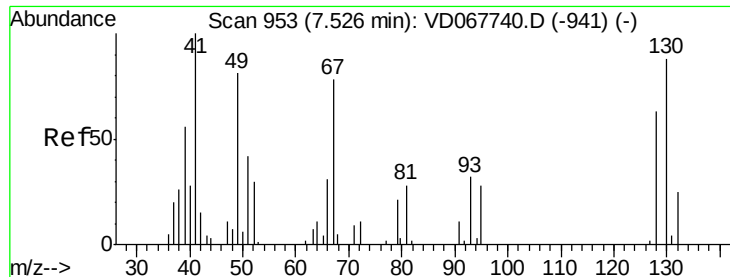
Tgt Ion: 83 Resp: 169100
Ion Ratio Lower Upper
83 100
55 60.3 51.0 76.4
98 52.2 40.4 60.6



#40
Benzene
Concen: 47.678 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Tgt Ion: 78 Resp: 409212
Ion Ratio Lower Upper
78 100
77 23.6 17.8 26.6





#41

Methacrylonitrile

Concen: 131.463 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.04 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 56410

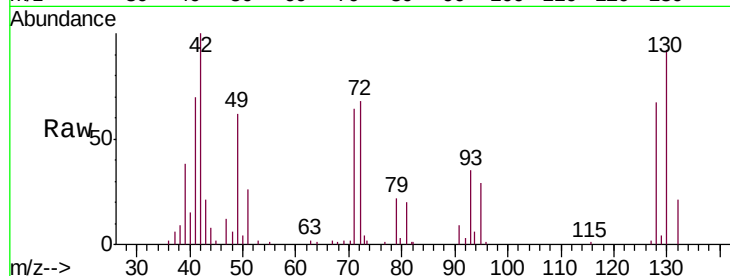
Ion Ratio Lower Upper

41 100

39 0.0 50.2 75.4#

67 0.0 79.0 118.6#

52 0.0 32.4 48.6#

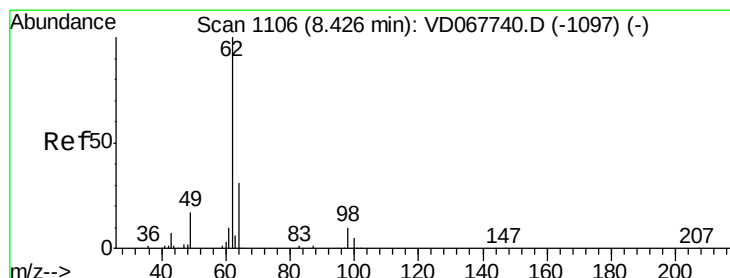
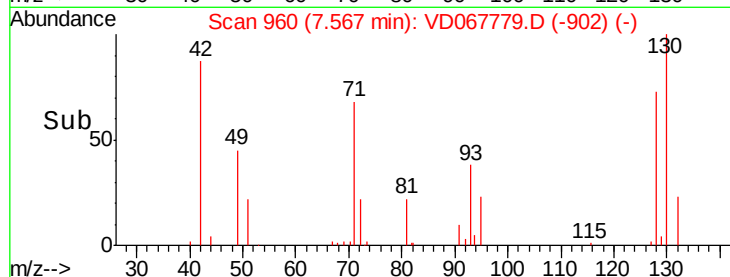
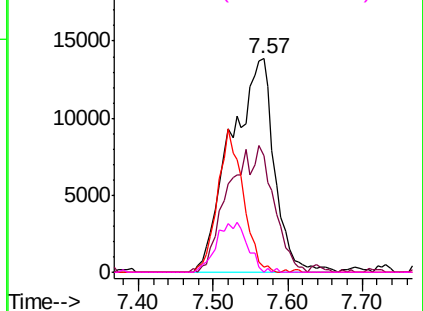


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 48.321 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD067779.D

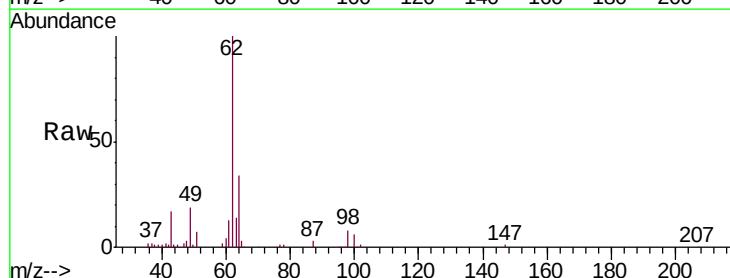
Acq: 24 Nov 2020 20:19

Tgt Ion: 62 Resp: 140722

Ion Ratio Lower Upper

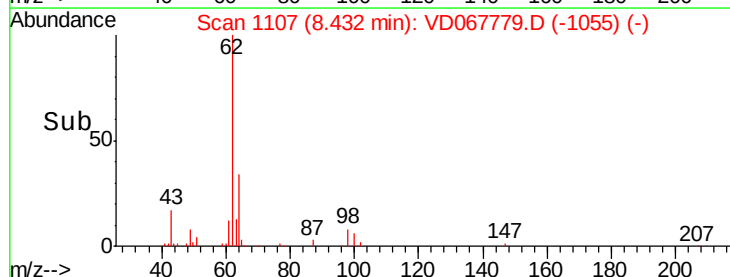
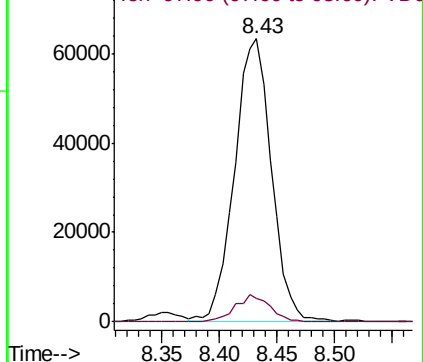
62 100

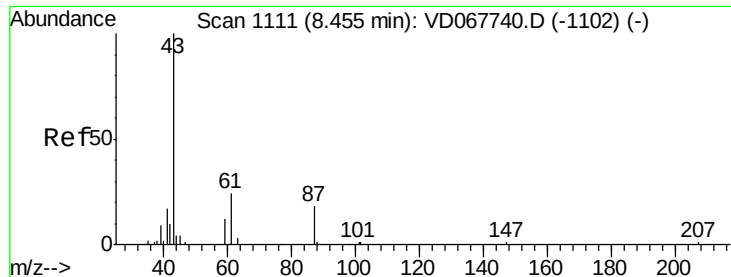
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 47.628 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

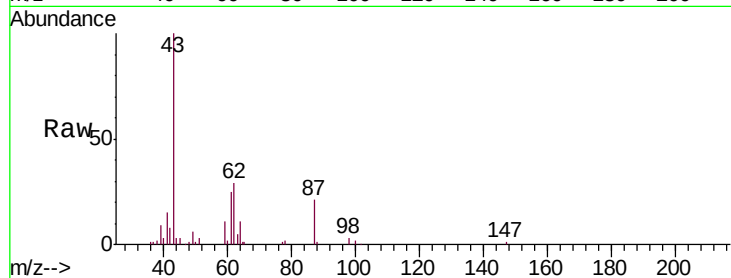
Tgt Ion: 43 Resp: 79925

Ion Ratio Lower Upper

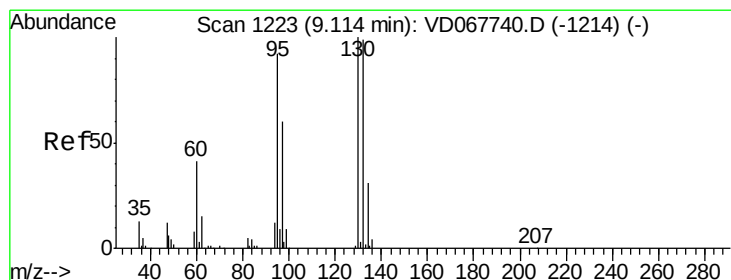
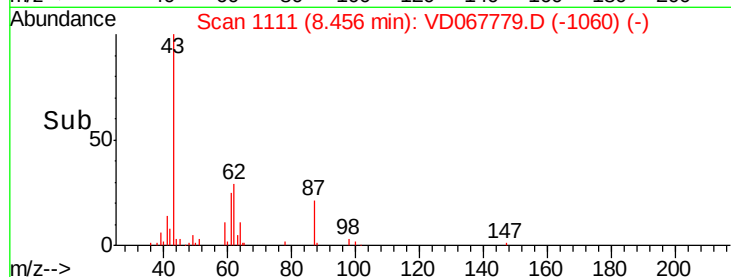
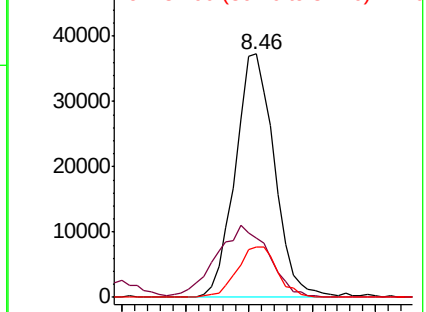
43 100

61 40.1 30.2 45.4

87 21.3 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 47.357 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067779.D

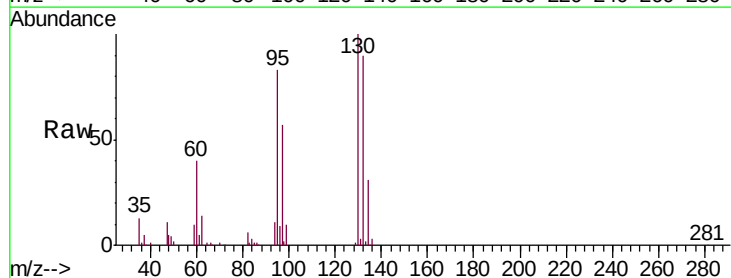
Acq: 24 Nov 2020 20:19

Tgt Ion: 130 Resp: 134713

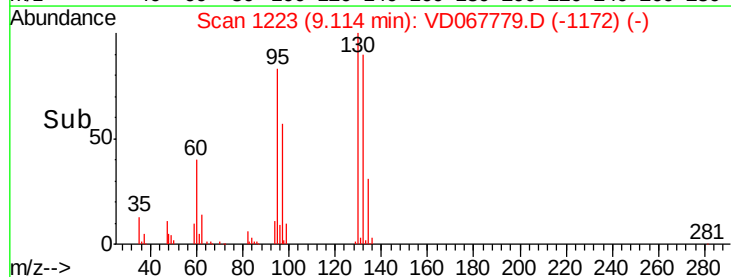
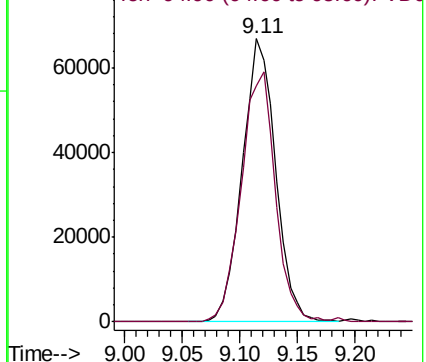
Ion Ratio Lower Upper

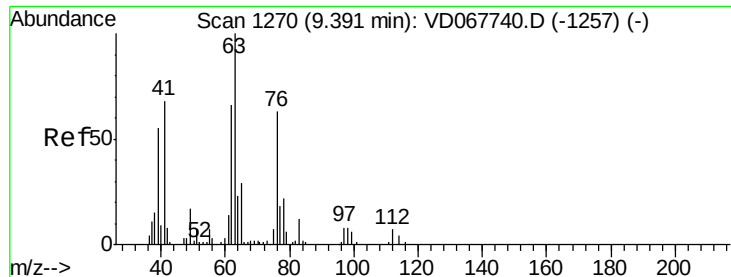
130 100

95 83.4 0.0 184.2



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

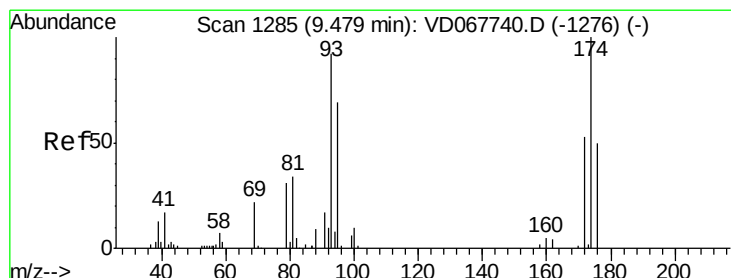
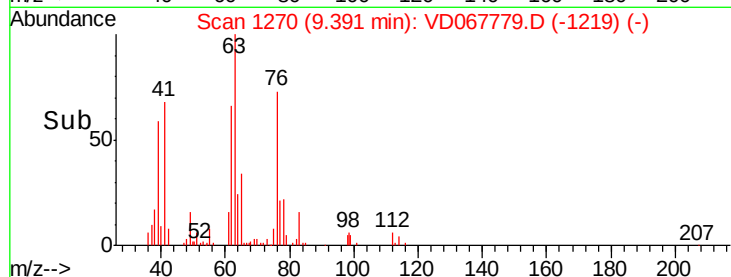
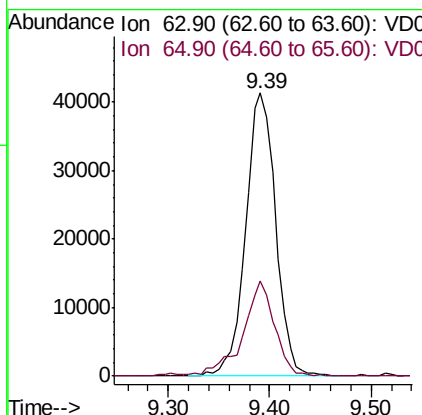
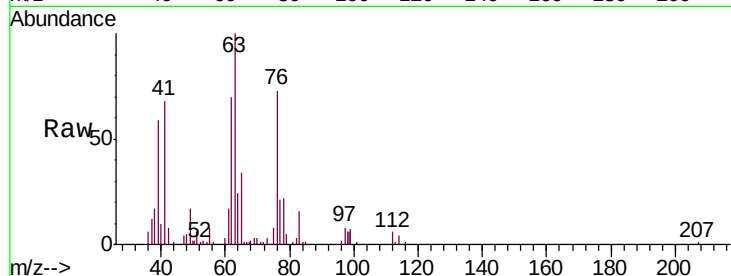




#45
 1,2-Dichloropropane
 Concen: 48.212 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

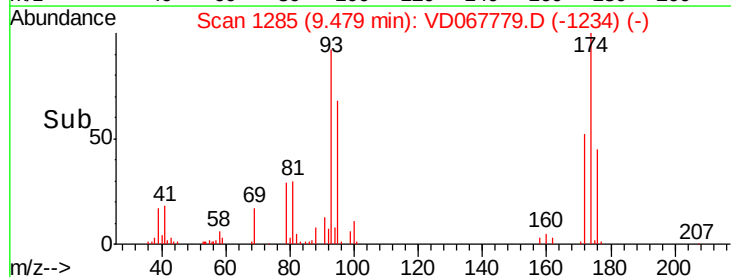
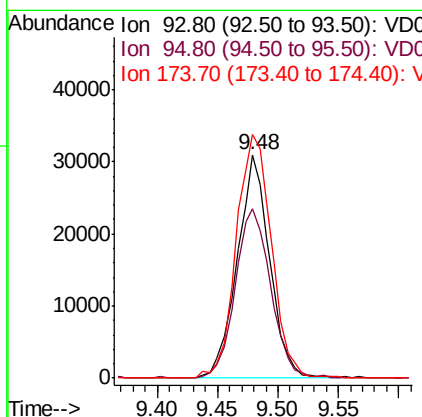
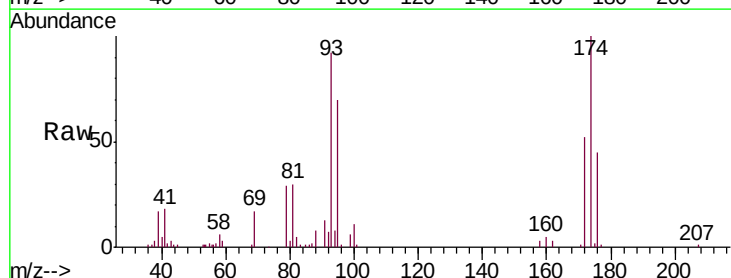
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

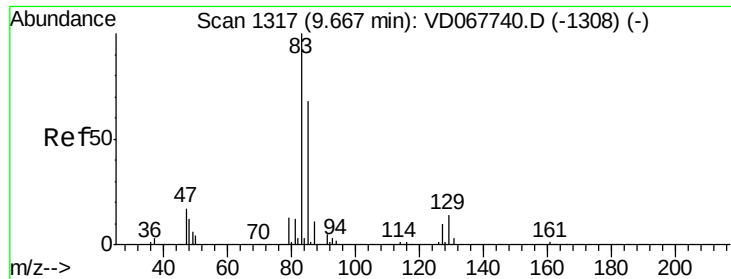
Tgt Ion: 63 Resp: 84908
 Ion Ratio Lower Upper
 63 100
 65 33.8 23.1 34.7



#46
 Dibromomethane
 Concen: 48.539 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Tgt Ion: 93 Resp: 58198
 Ion Ratio Lower Upper
 93 100
 95 82.2 63.4 95.2
 174 117.7 89.6 134.4

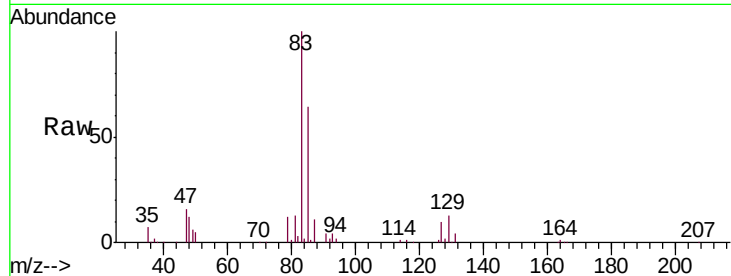




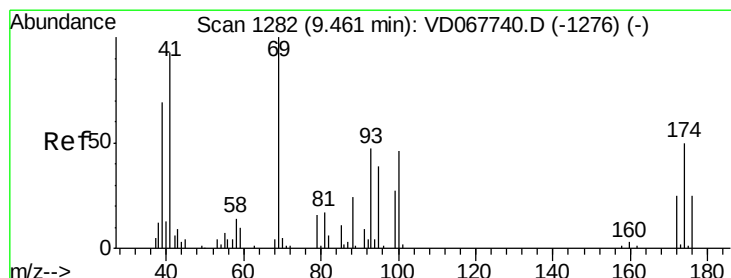
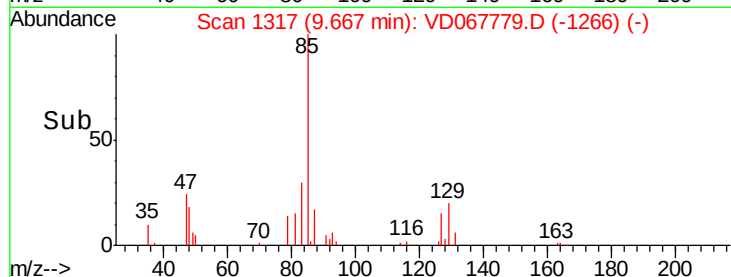
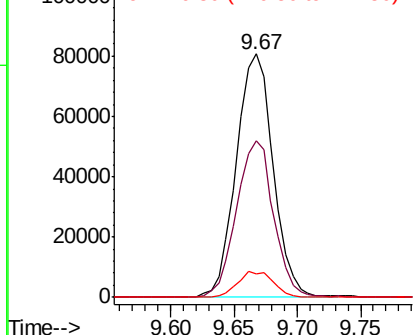
#47
Bromodichloromethane
Concen: 48.863 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 163145
Ion Ratio Lower Upper
83 100
85 64.3 54.2 81.2
127 9.5 7.6 11.4

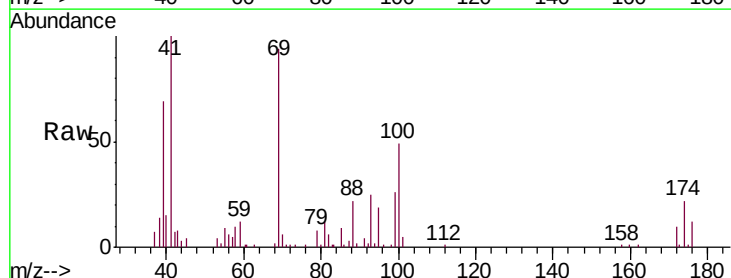


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

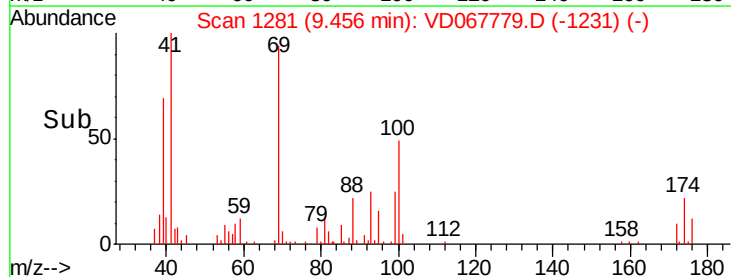
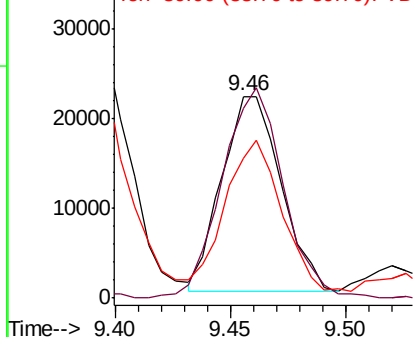


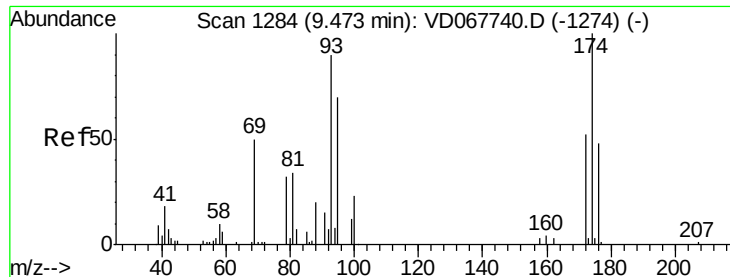
#48
Methyl methacrylate
Concen: 45.993 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Tgt Ion: 41 Resp: 38586
Ion Ratio Lower Upper
41 100
69 112.9 87.8 131.6
39 83.9 60.5 90.7



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: 937.291 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

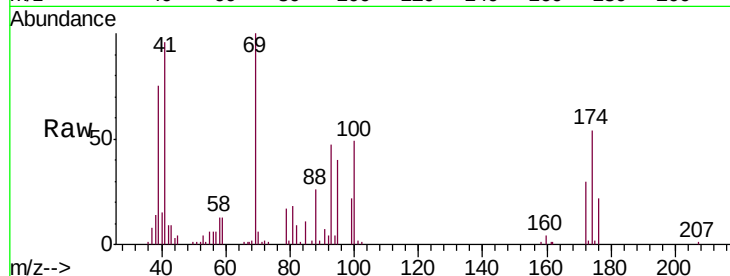
Tgt Ion: 88 Resp: 12179

Ion Ratio Lower Upper

88 100

43 31.3 25.2 37.8

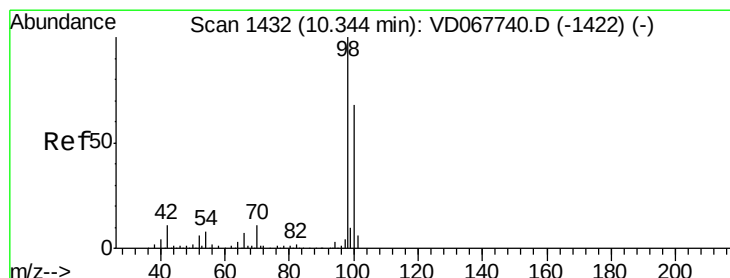
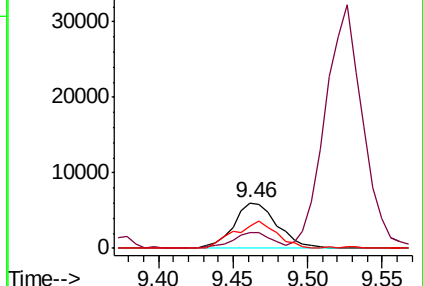
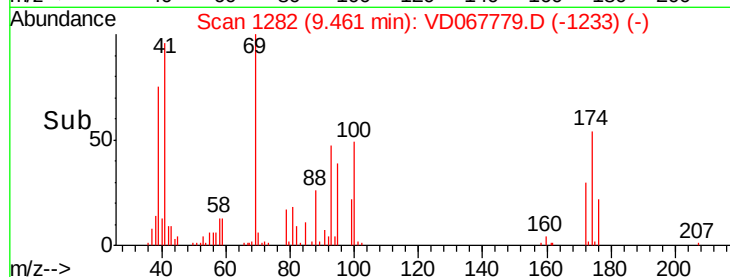
58 58.2 48.2 72.2



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: 53.797 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067779.D

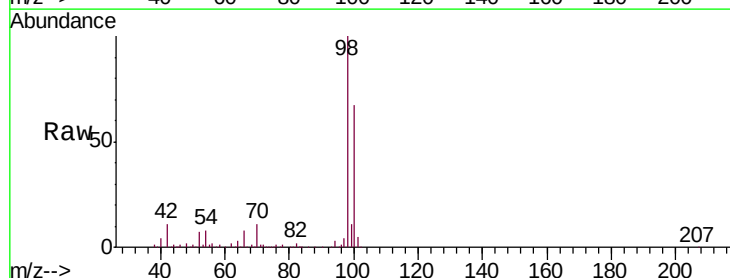
Acq: 24 Nov 2020 20:19

Tgt Ion: 98 Resp: 455846

Ion Ratio Lower Upper

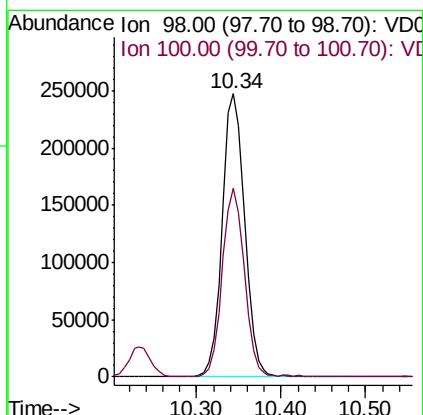
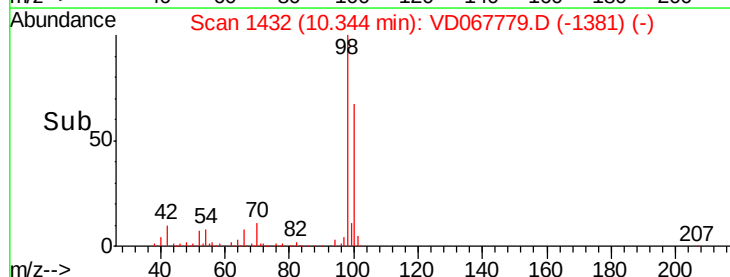
98 100

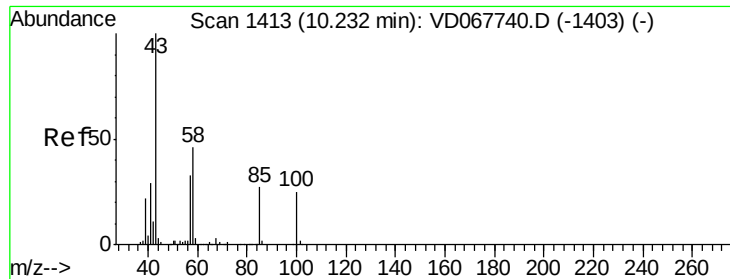
100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

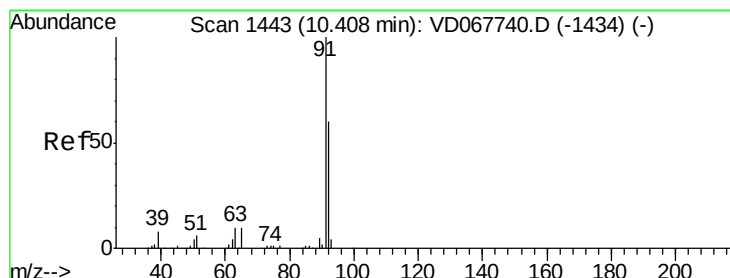
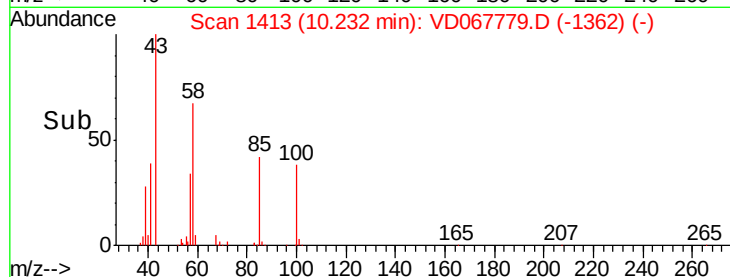
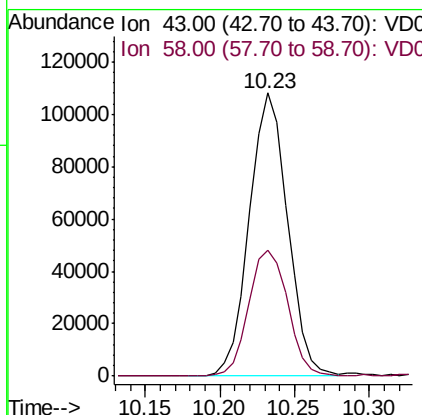
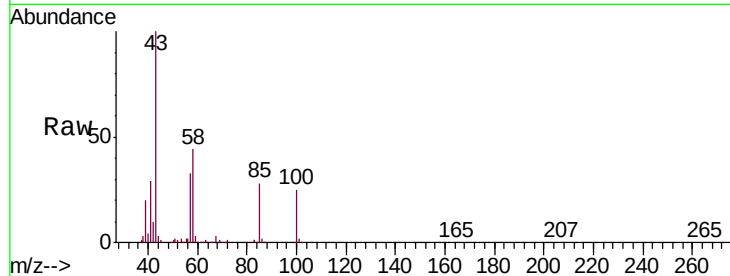




#51
 4-Methyl-2-Pentanone
 Concen: 242.941 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

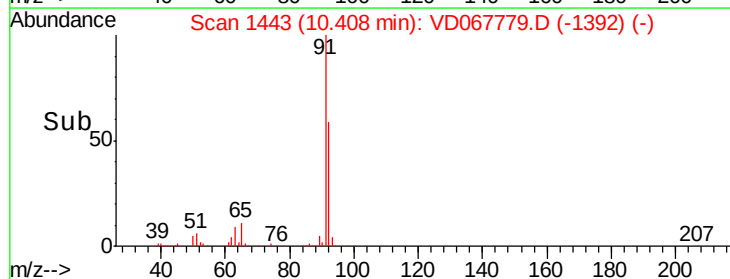
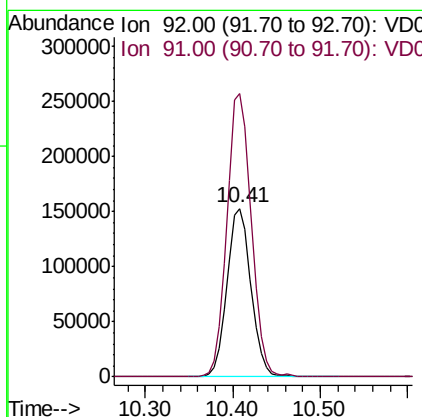
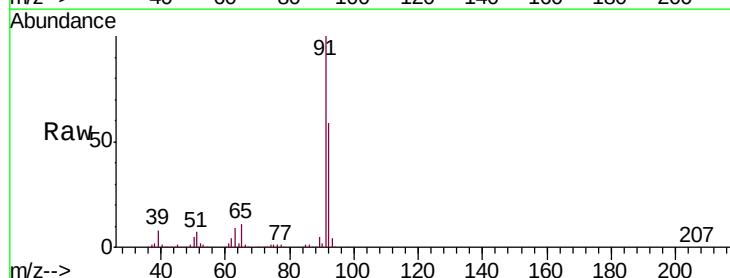
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

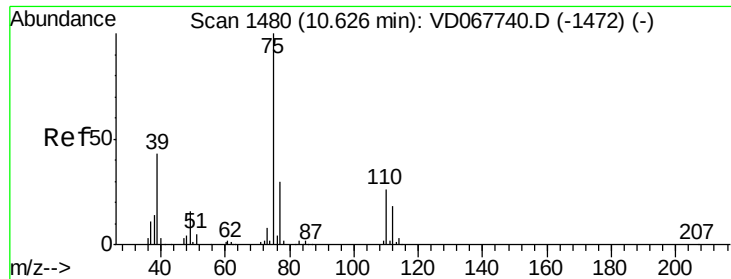
Tgt Ion: 43 Resp: 191837
 Ion Ratio Lower Upper
 43 100
 58 45.6 34.7 52.1



#52
 Toluene
 Concen: 49.095 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Tgt Ion: 92 Resp: 285859
 Ion Ratio Lower Upper
 92 100
 91 171.5 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 49.097 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

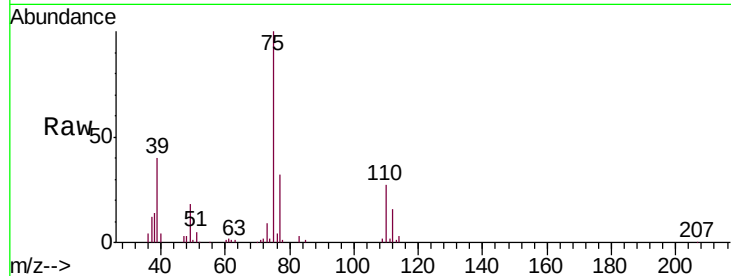
VSTDCCC050EC

Tgt Ion: 75 Resp: 143216

Ion Ratio Lower Upper

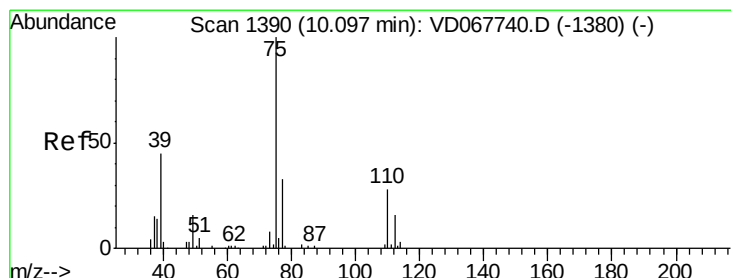
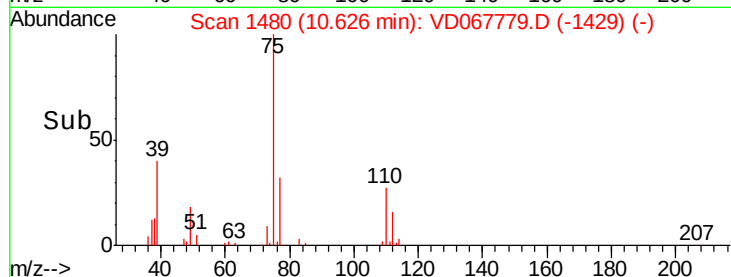
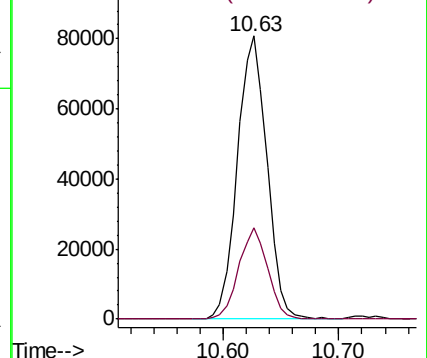
75 100

77 32.3 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 47.702 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

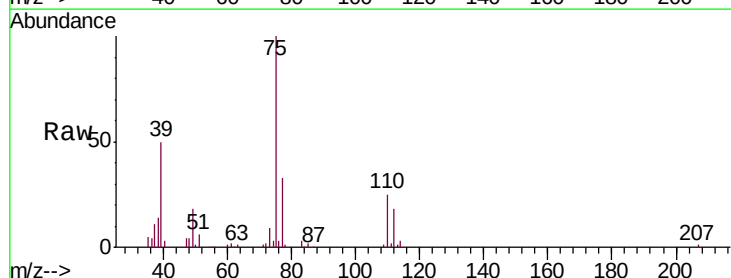
Tgt Ion: 75 Resp: 157473

Ion Ratio Lower Upper

75 100

77 32.6 26.1 39.1

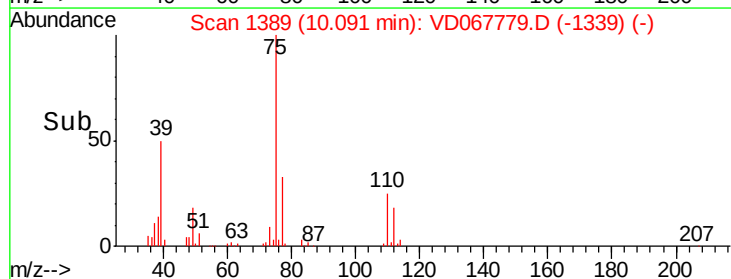
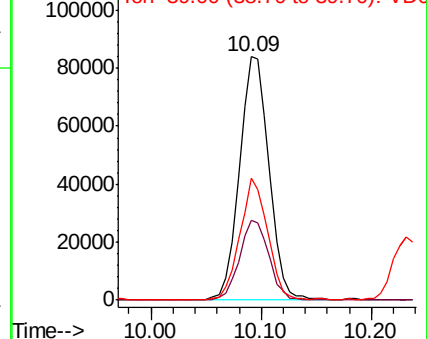
39 49.7 35.8 53.6

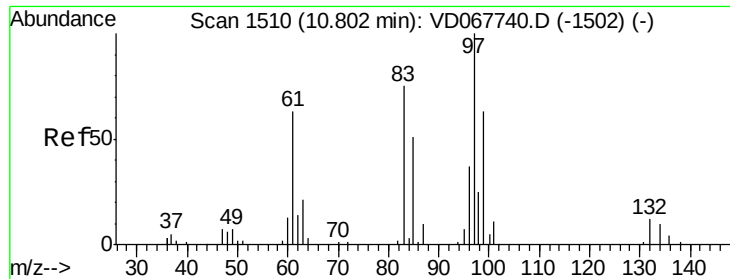


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

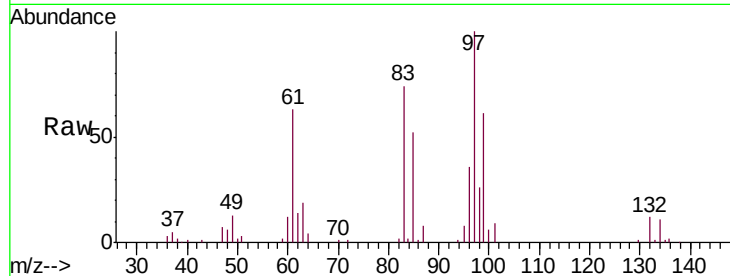




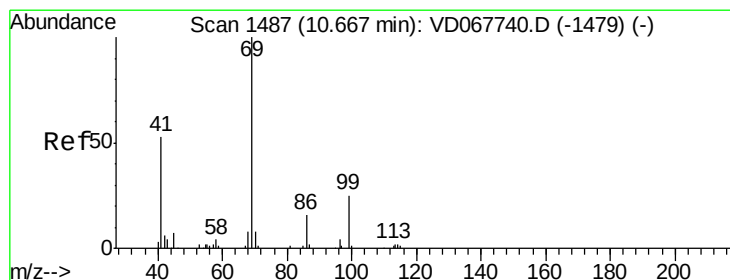
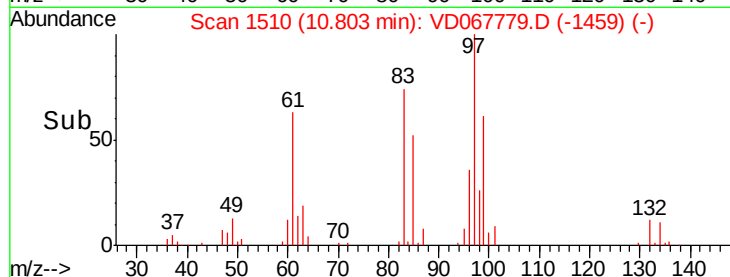
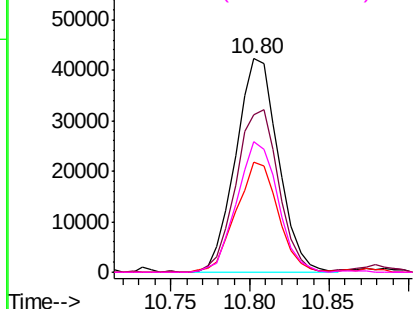
#55
 1,1,2-Trichloroethane
 Concen: 49.311 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	79330
Ion	Ratio	Lower	Upper
97	100		
83	73.8	60.2	90.4
85	51.7	40.5	60.7
99	61.3	50.6	76.0

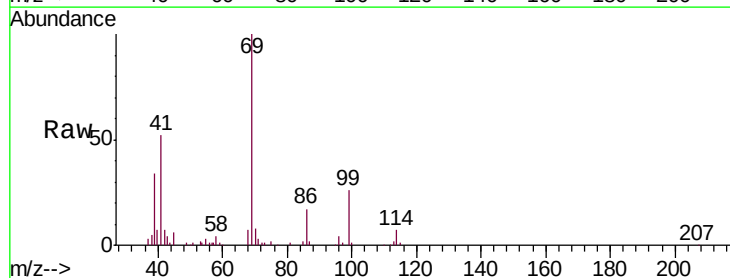


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

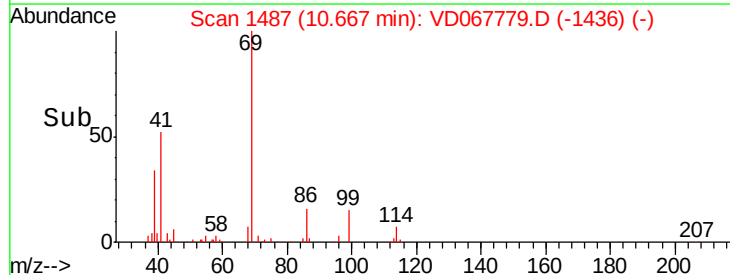
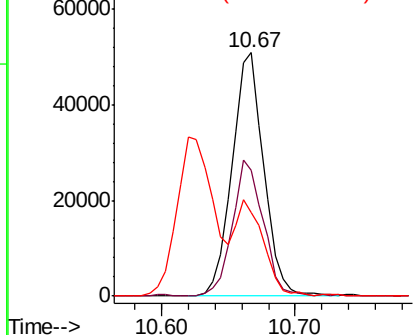


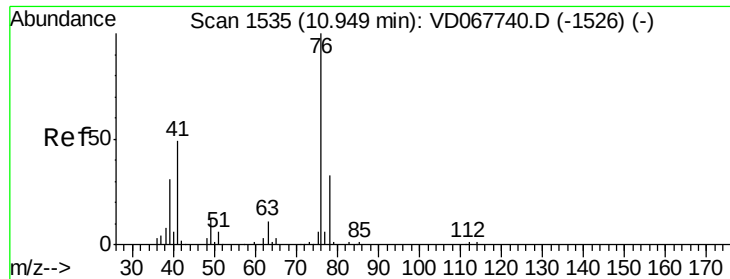
#56
 Ethyl methacrylate
 Concen: 50.472 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Tgt Ion:	69	Resp:	84065
Ion	Ratio	Lower	Upper
69	100		
41	54.6	43.4	65.0
39	34.2	29.6	44.4



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





#57

1,3-Dichloropropane

Concen: 48.994 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

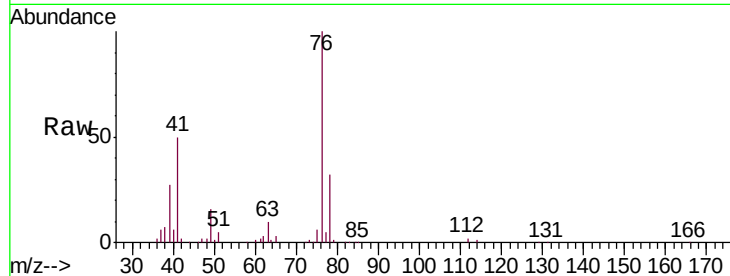
VSTDCCC050EC

Tgt Ion: 76 Resp: 124277

Ion Ratio Lower Upper

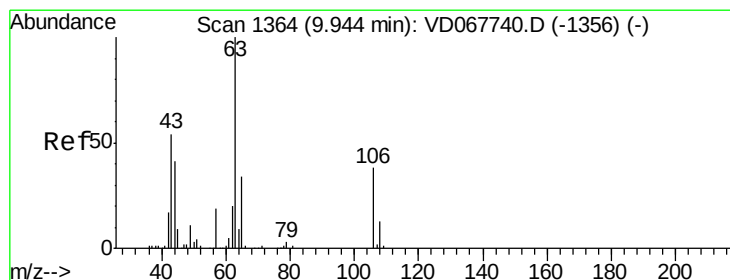
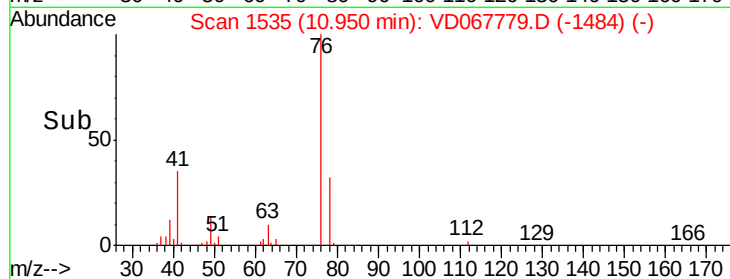
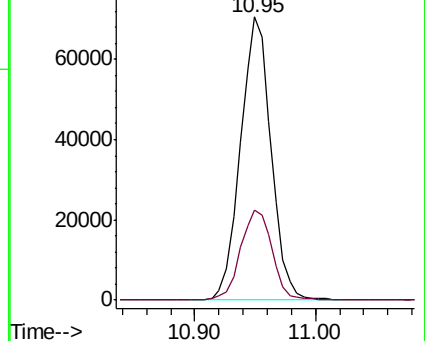
76 100

78 33.0 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 298.230 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067779.D

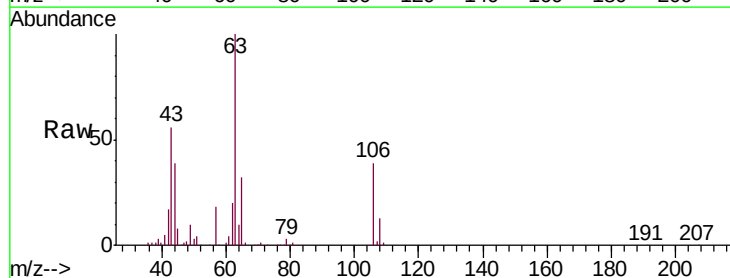
Acq: 24 Nov 2020 20:19

Tgt Ion: 63 Resp: 232095

Ion Ratio Lower Upper

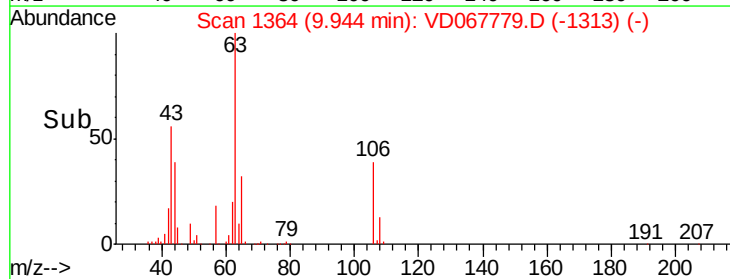
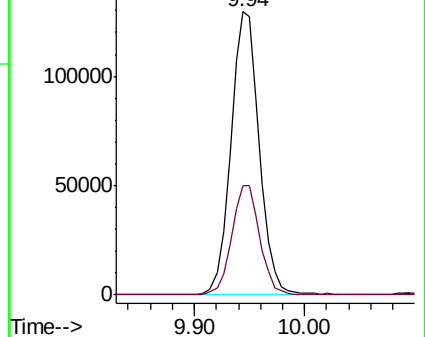
63 100

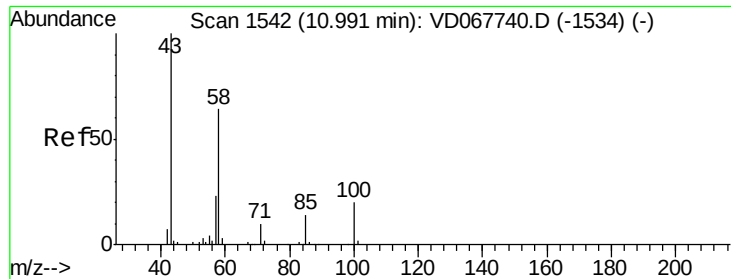
106 38.3 31.0 46.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

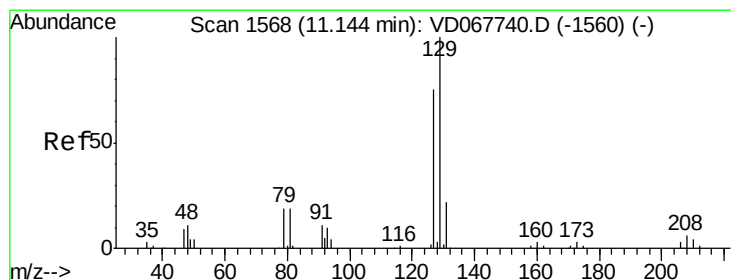
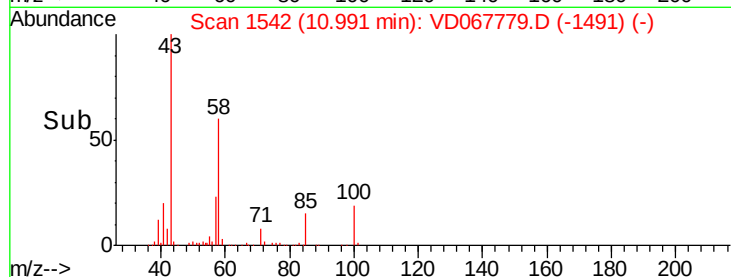
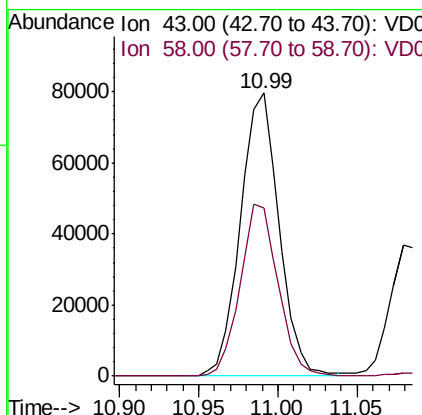
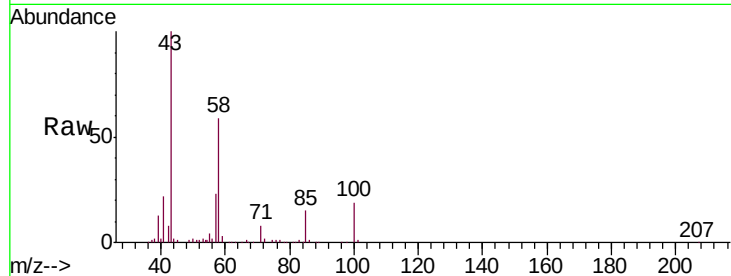




#59
2-Hexanone
Concen: 242.008 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

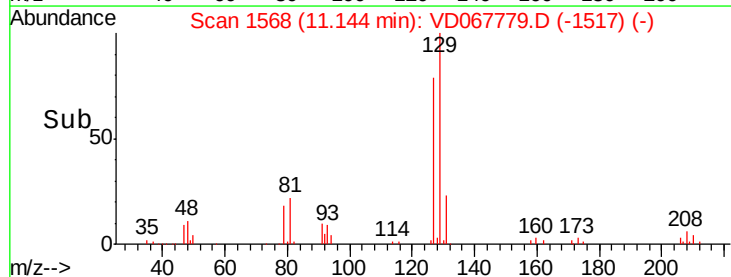
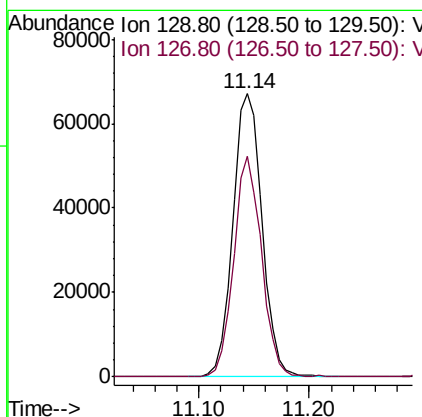
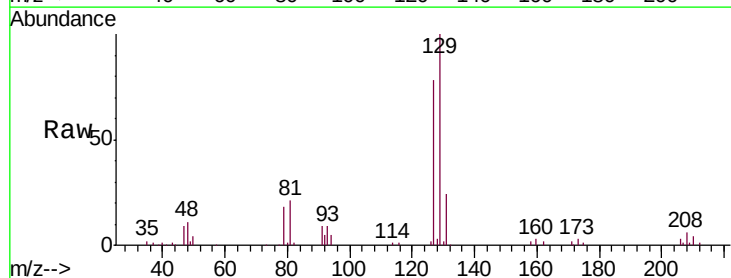
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

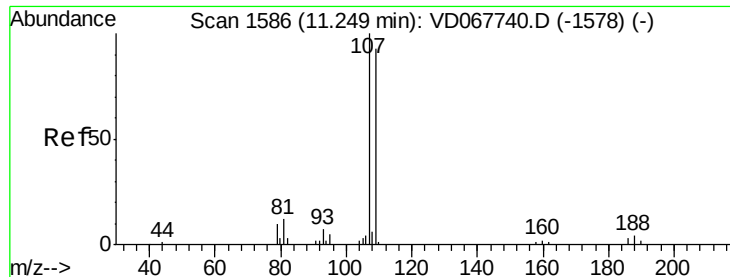
Tgt Ion: 43 Resp: 134923
Ion Ratio Lower Upper
43 100
58 59.7 30.5 91.5



#60
Dibromochloromethane
Concen: 50.728 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Tgt Ion: 129 Resp: 124361
Ion Ratio Lower Upper
129 100
127 74.4 38.6 115.7

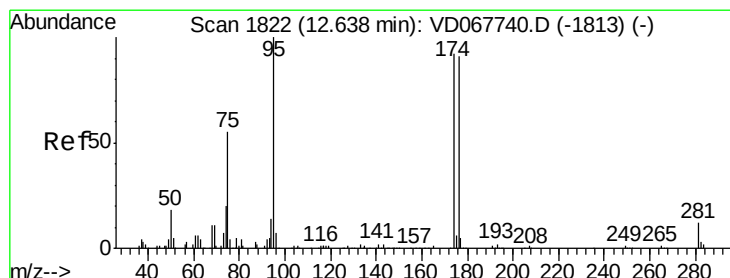
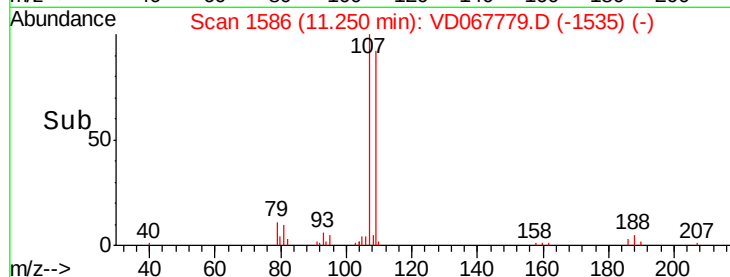
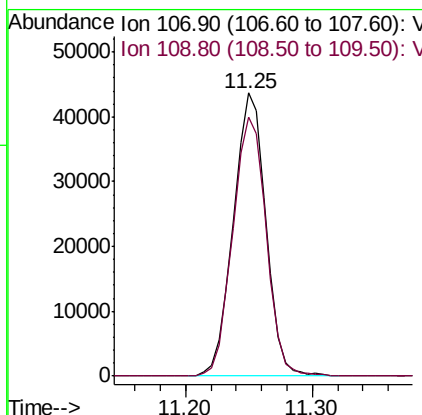
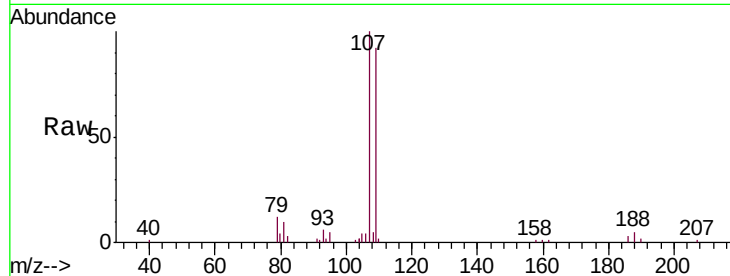




#61
 1,2-Dibromoethane
 Concen: 48.740 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

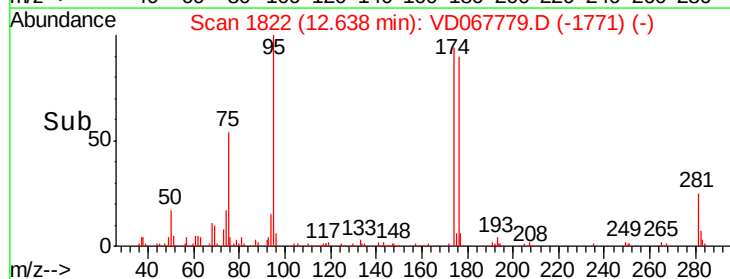
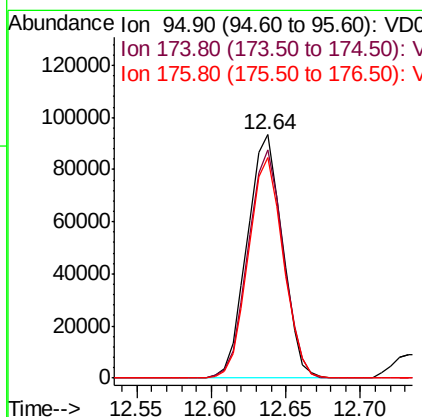
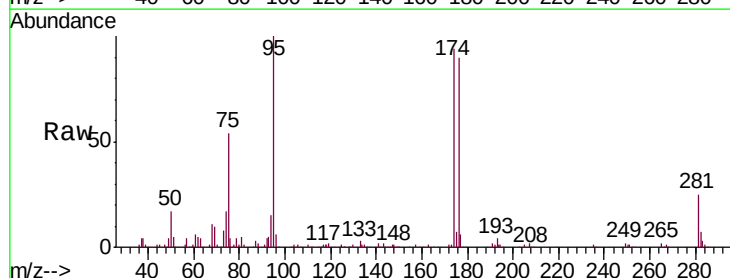
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

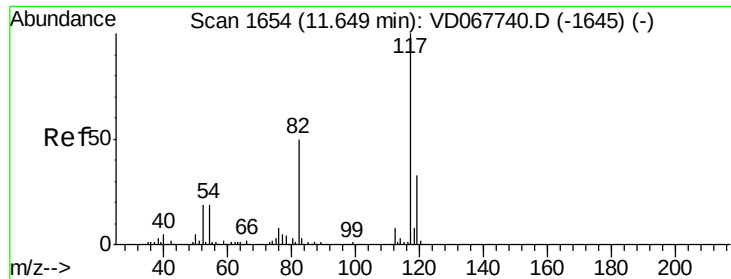
Tgt Ion: 107 Resp: 77260
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 52.785 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Tgt Ion: 95 Resp: 152880
 Ion Ratio Lower Upper
 95 100
 174 93.5 0.0 182.4
 176 89.3 0.0 178.2

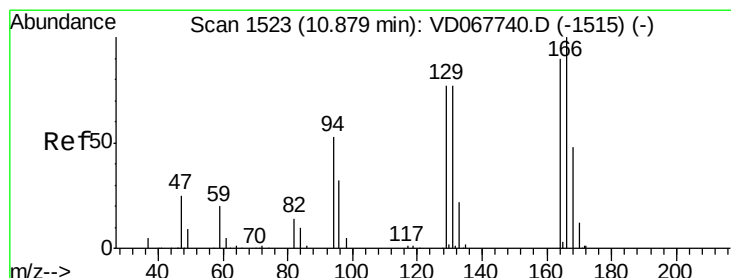
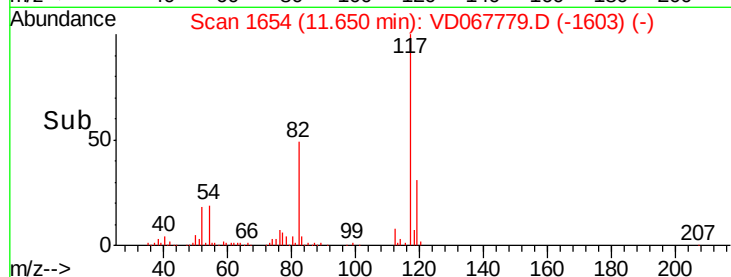
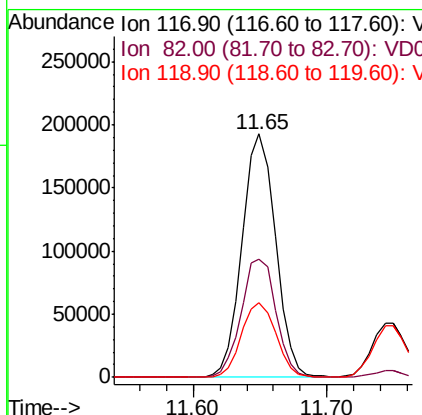
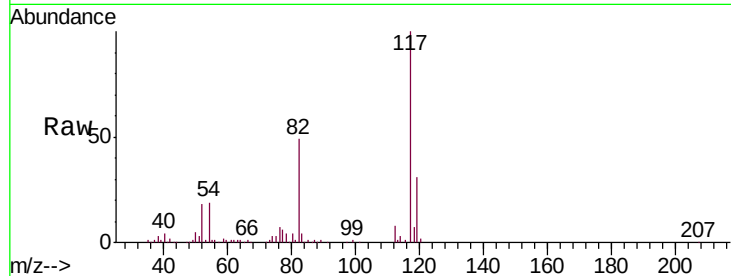




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

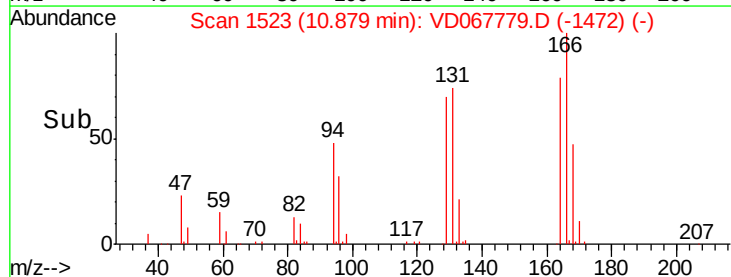
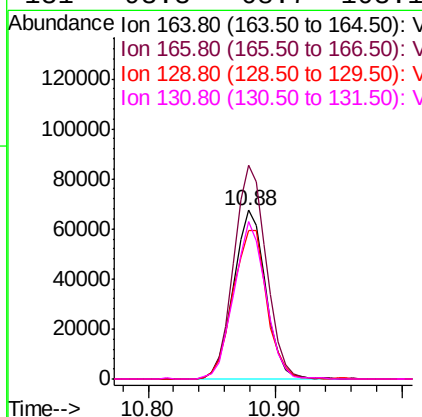
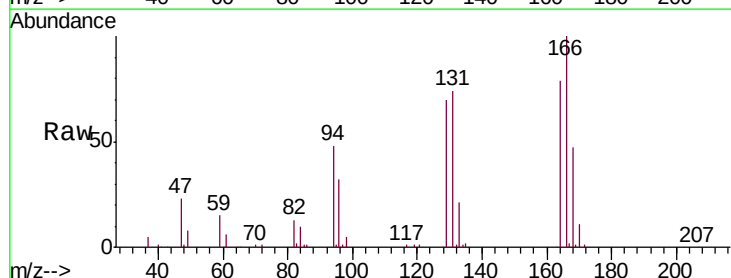
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

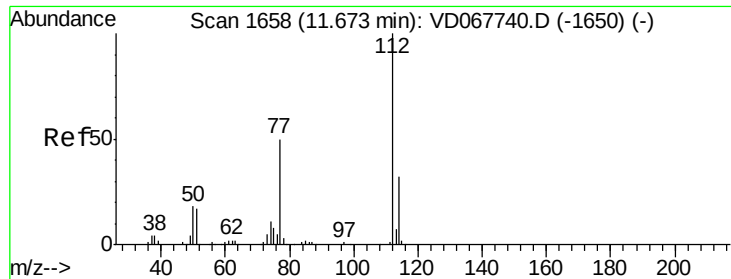
Tgt Ion:117 Resp: 335470
Ion Ratio Lower Upper
117 100
82 48.6 40.2 60.4
119 30.5 26.5 39.7



#64
Tetrachloroethene
Concen: 45.136 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Tgt Ion:164 Resp: 117522
Ion Ratio Lower Upper
164 100
166 126.7 89.2 133.8
129 88.4 68.4 102.6
131 93.3 68.7 103.1

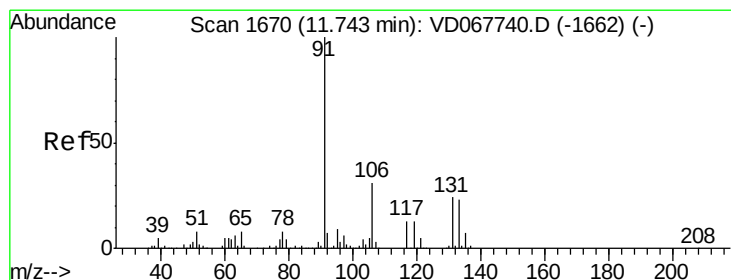
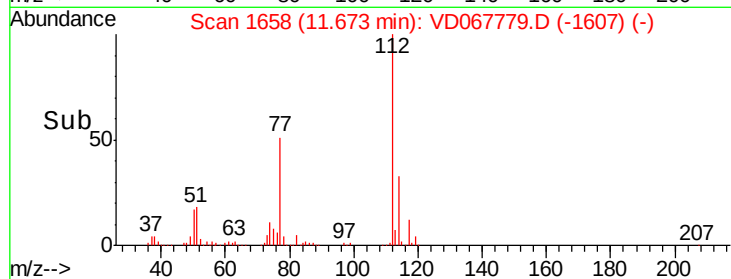
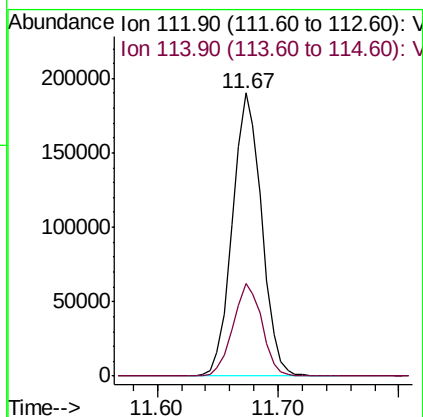
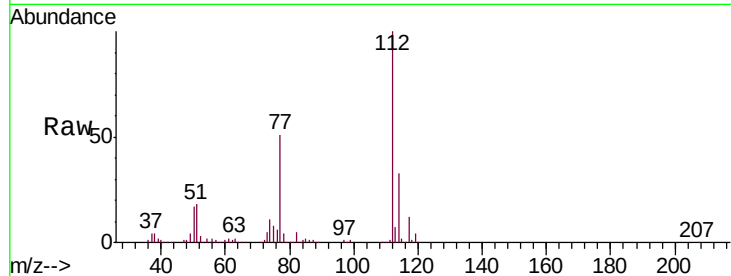




#65
Chlorobenzene
Concen: 48.577 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

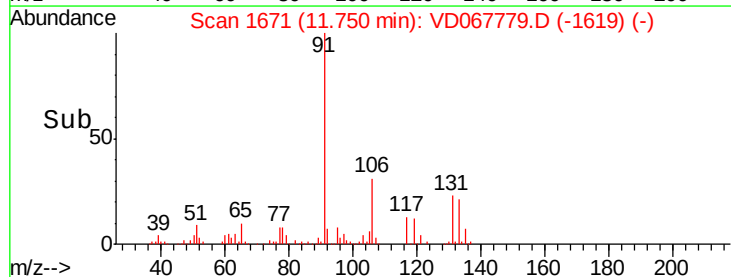
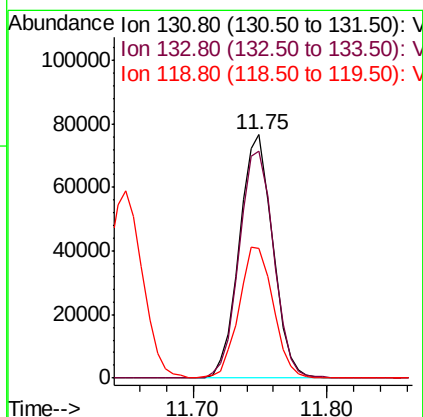
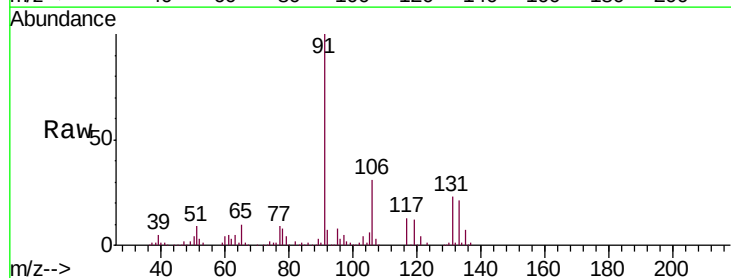
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

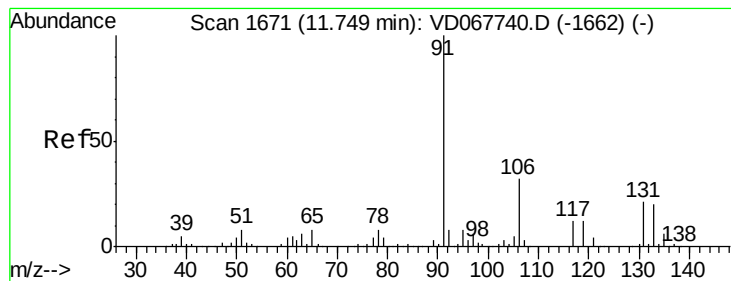
Tgt Ion:112 Resp: 320288
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.786 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Tgt Ion:131 Resp: 132782
Ion Ratio Lower Upper
131 100
133 96.6 49.0 147.0
119 55.3 28.8 86.5





#67

Ethyl Benzene

Concen: 48.639 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

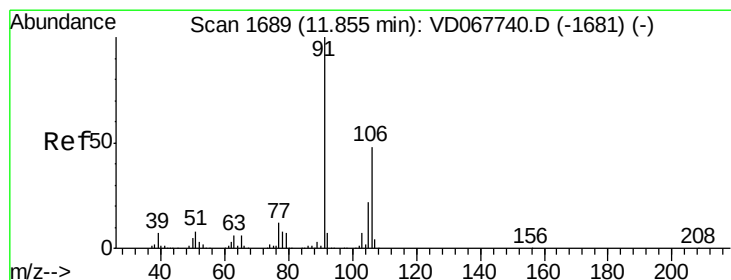
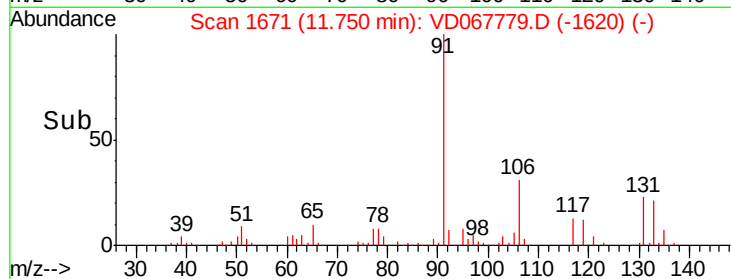
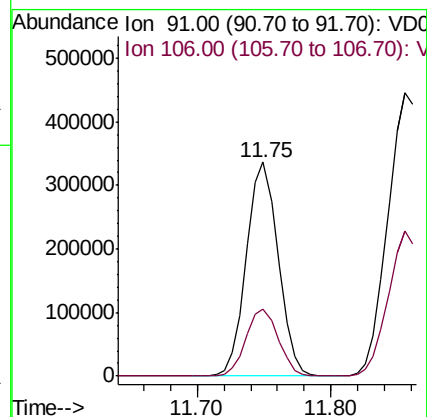
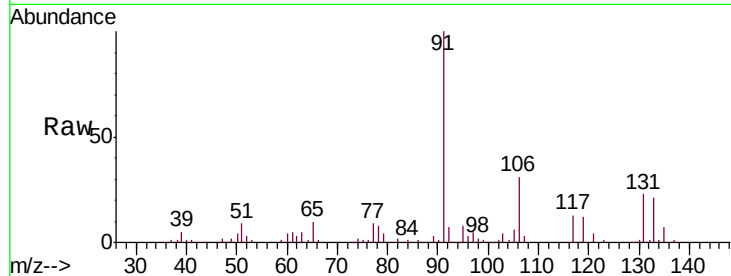
VSTDCCC050EC

Tgt Ion: 91 Resp: 553641

Ion Ratio Lower Upper

91 100

106 31.5 25.7 38.5



#68

m/p-Xylenes

Concen: 97.097 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067779.D

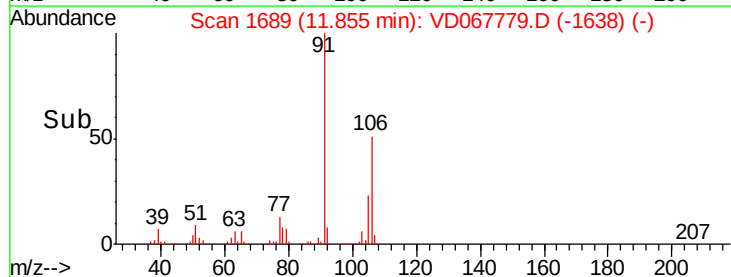
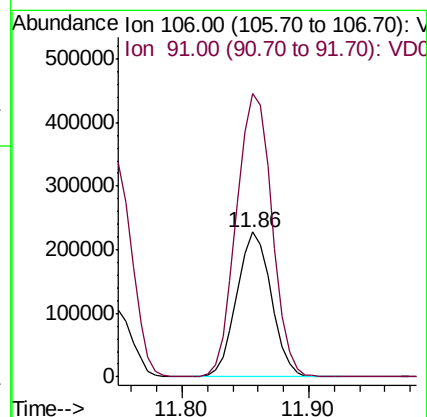
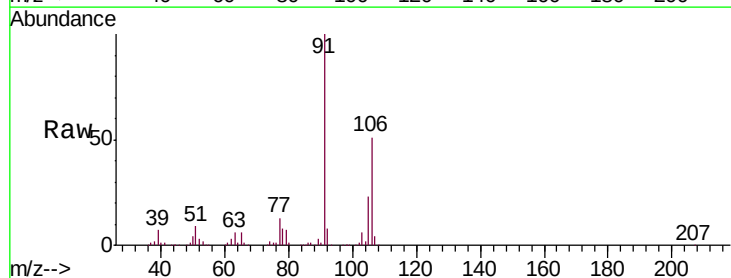
Acq: 24 Nov 2020 20:19

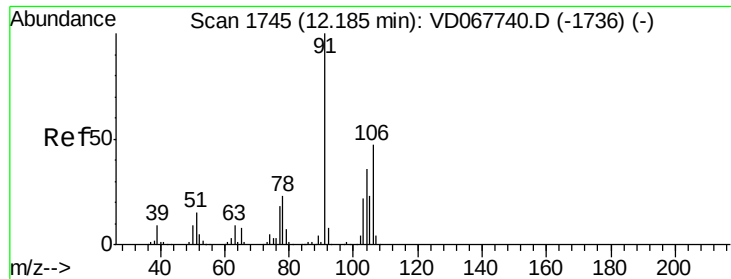
Tgt Ion: 106 Resp: 430094

Ion Ratio Lower Upper

106 100

91 201.7 163.0 244.6

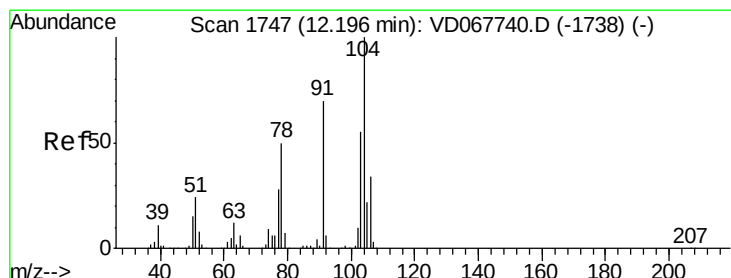
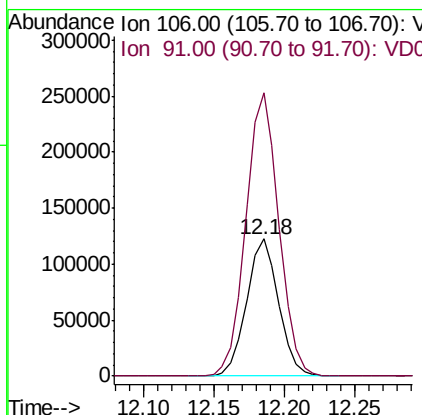
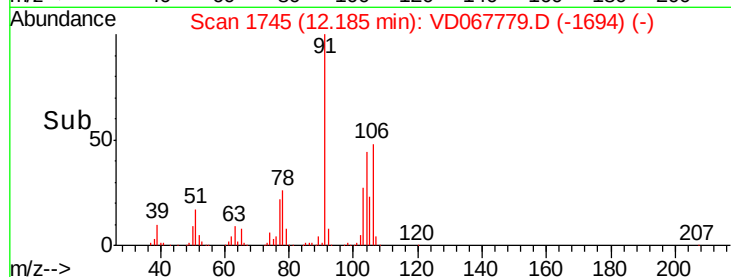
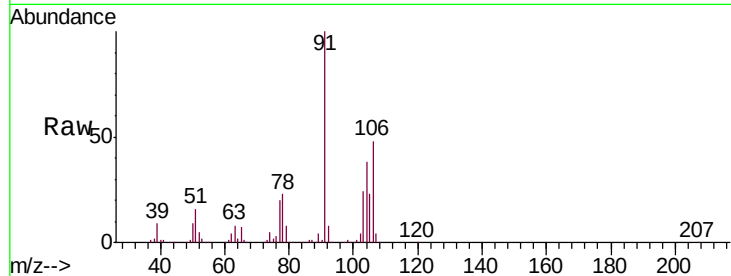




#69
o-Xylene
Concen: 48.310 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

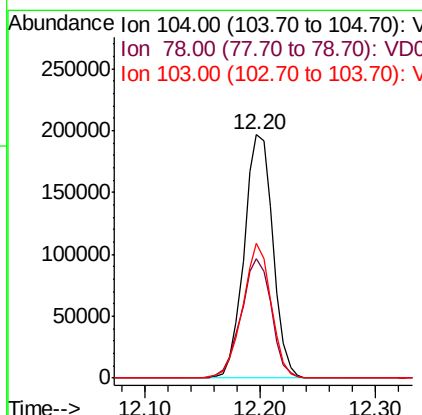
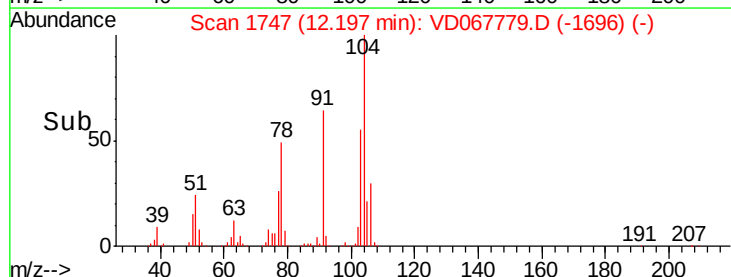
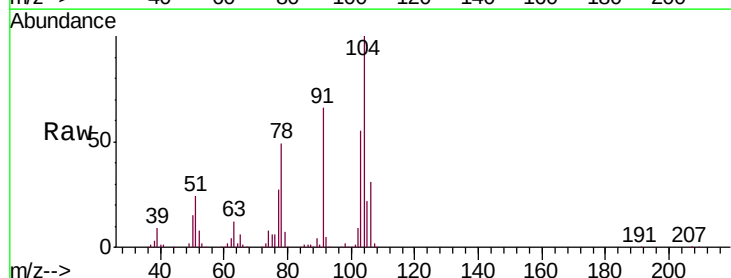
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

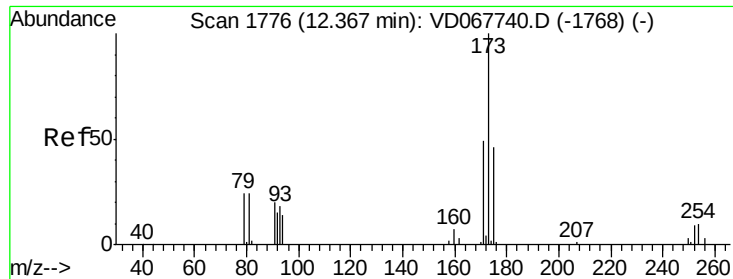
Tgt Ion:106 Resp: 194835
Ion Ratio Lower Upper
106 100
91 212.3 106.2 318.6



#70
Styrene
Concen: 49.582 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Tgt Ion:104 Resp: 340607
Ion Ratio Lower Upper
104 100
78 51.6 41.9 62.9
103 54.8 44.1 66.1

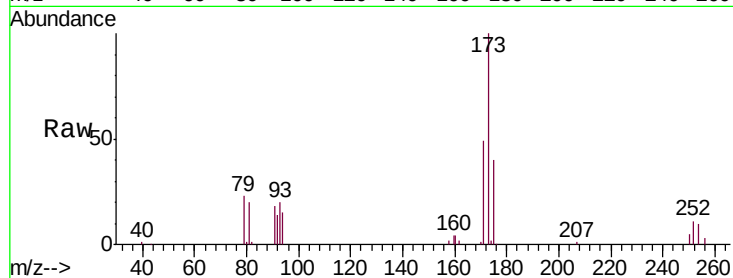




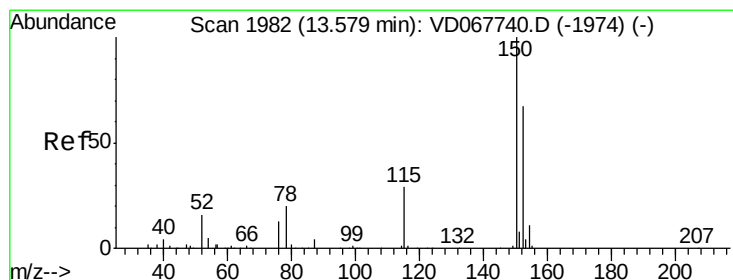
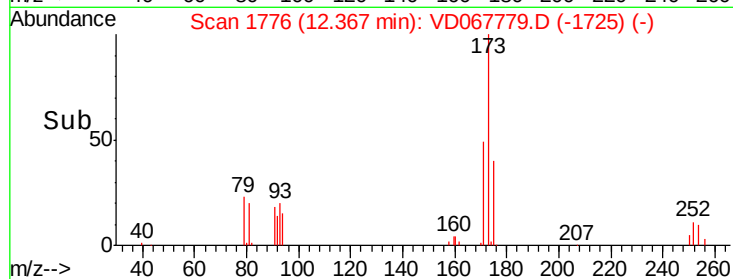
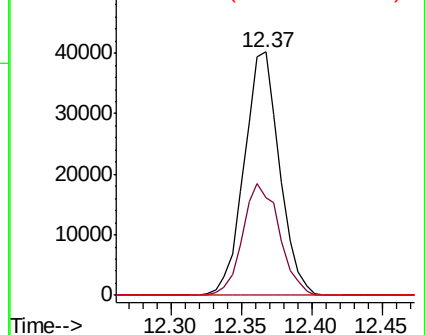
#71
Bromoform
Concen: 48.759 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 70596
Ion Ratio Lower Upper
173 100
175 47.5 23.9 71.7
254 0.0 0.0 0.0

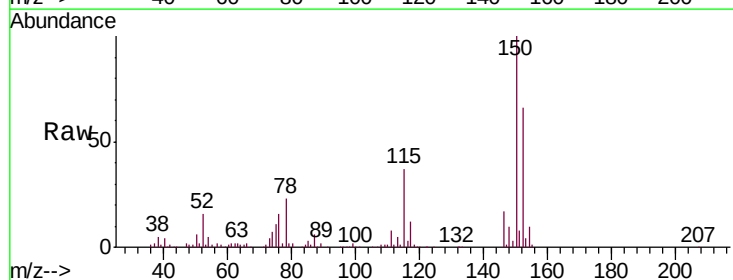


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

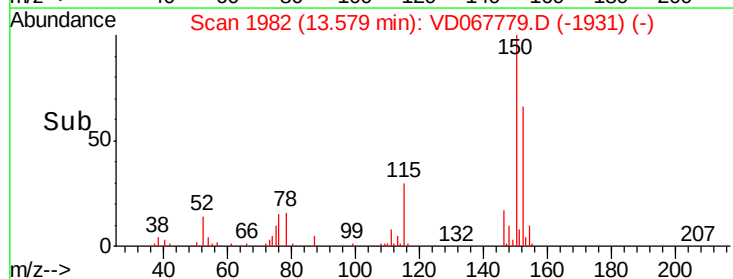
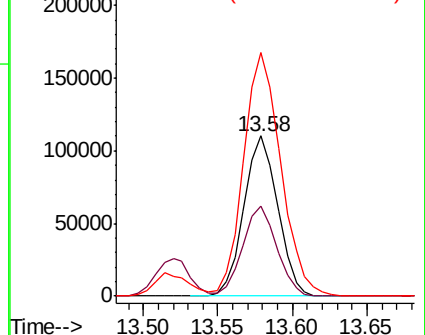


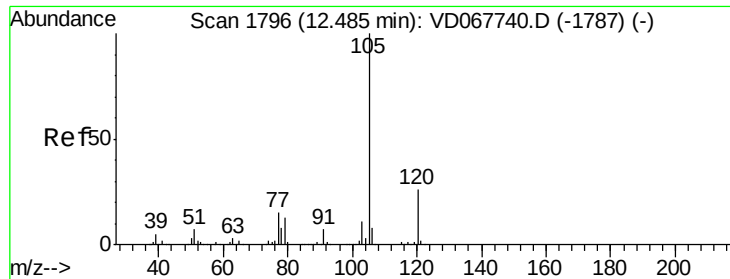
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Tgt Ion:152 Resp: 173278
Ion Ratio Lower Upper
152 100
115 56.9 29.4 88.3
150 167.3 0.0 340.6



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

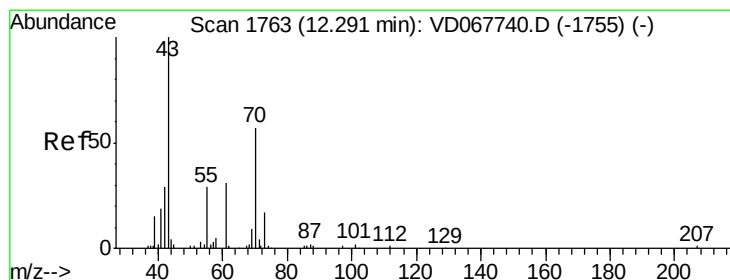
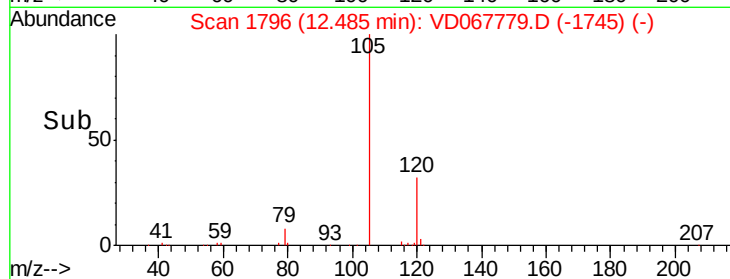
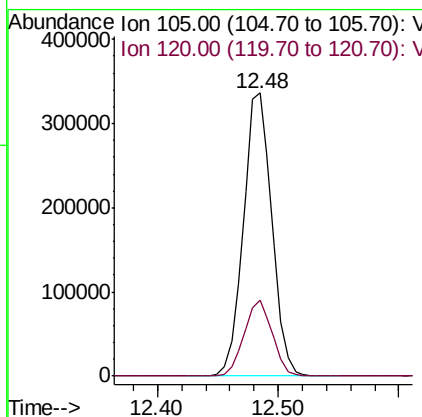
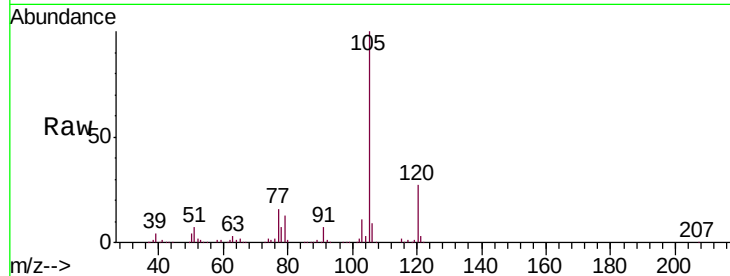




#73
Isopropylbenzene
Concen: 48.345 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

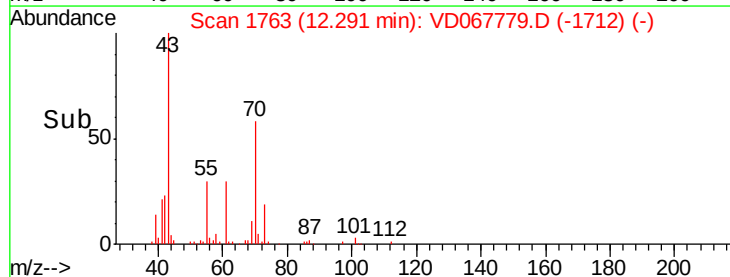
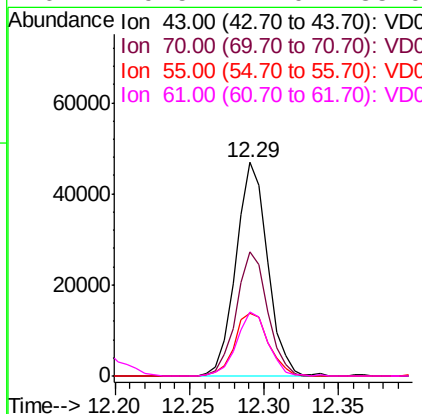
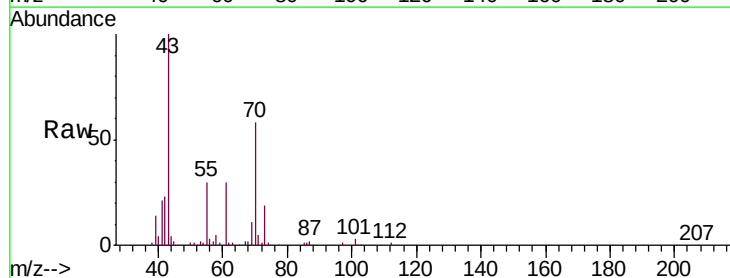
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

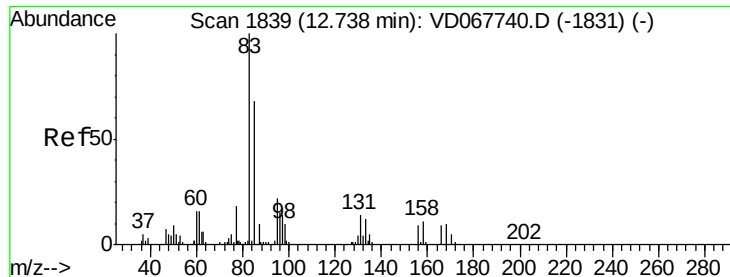
Tgt Ion: 105 Resp: 551191
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#74
N-ethyl acetate
Concen: 46.140 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Tgt Ion: 43 Resp: 69371
Ion Ratio Lower Upper
43 100
70 57.1 44.6 66.8
55 31.8 24.2 36.2
61 29.5 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.315 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

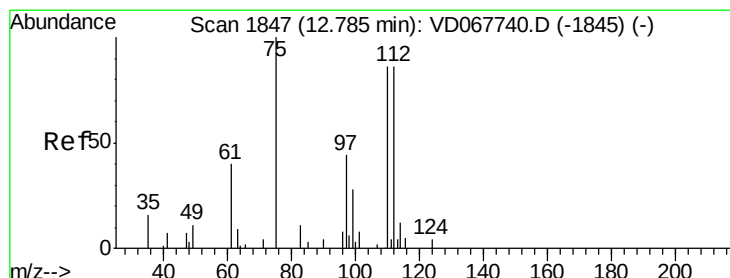
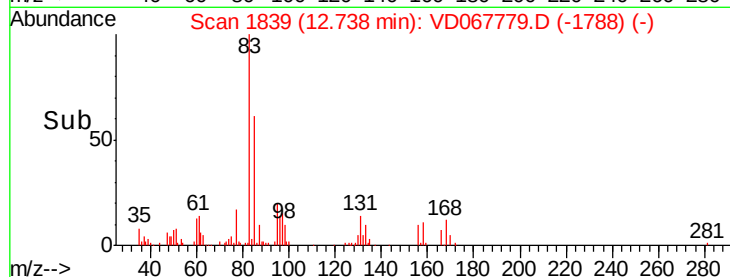
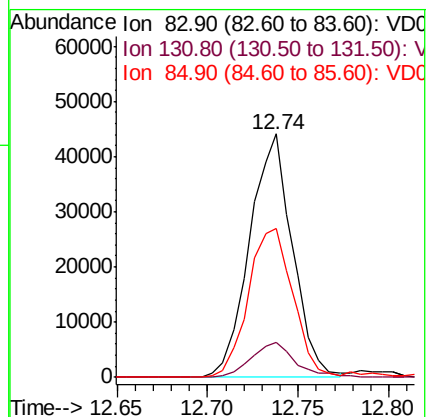
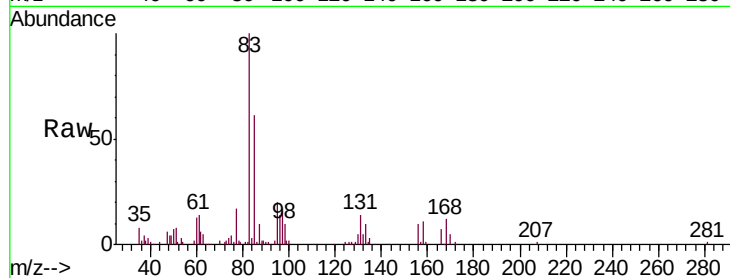
Tgt Ion: 83 Resp: 72395

Ion Ratio Lower Upper

83 100

131 14.9 8.1 24.1

85 63.6 33.9 101.7



#76

1,2,3-Trichloropropane

Concen: 88.471 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067779.D

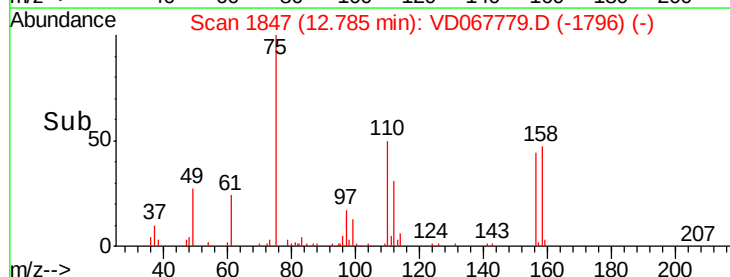
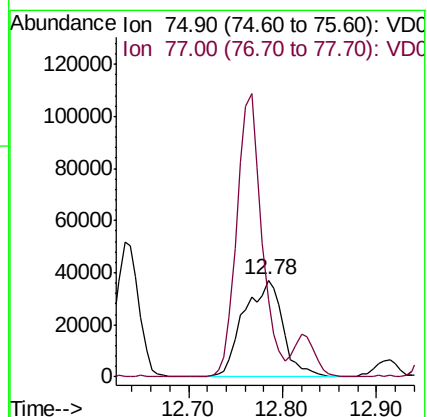
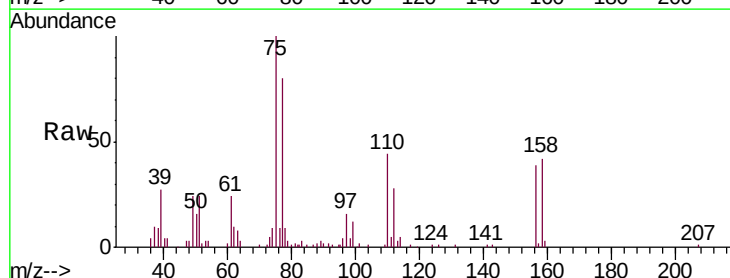
Acq: 24 Nov 2020 20:19

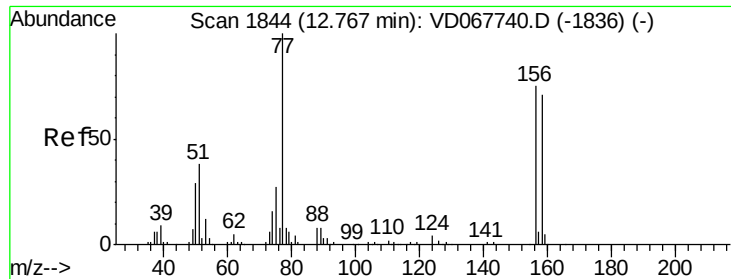
Tgt Ion: 75 Resp: 106843

Ion Ratio Lower Upper

75 100

77 188.7 0.0 0.0#





#77

Bromobenzene

Concen: 47.313 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

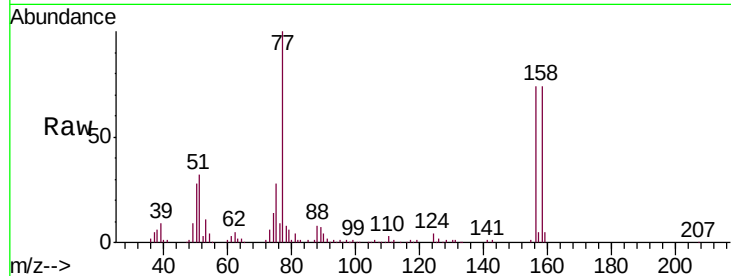
Tgt Ion:156 Resp: 135028

Ion Ratio Lower Upper

156 100

77 149.3 73.5 220.3

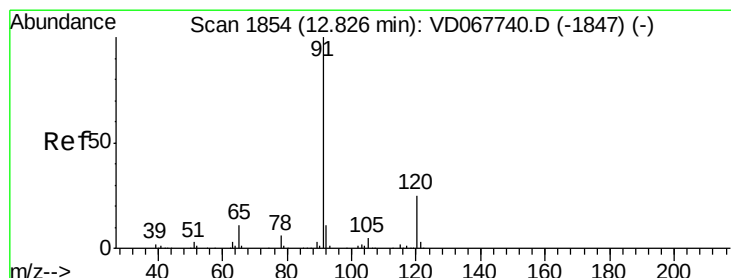
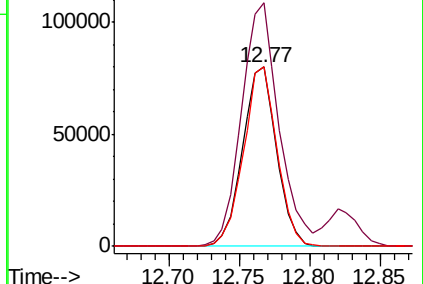
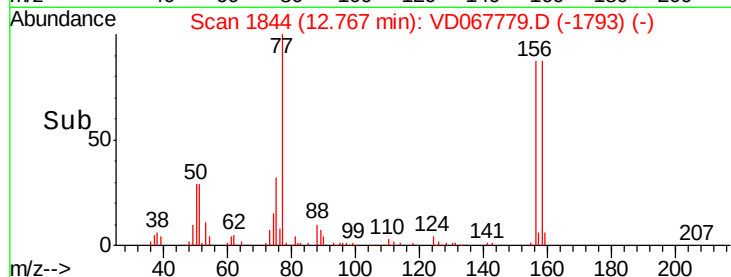
158 98.7 48.1 144.4



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: 46.816 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD067779.D

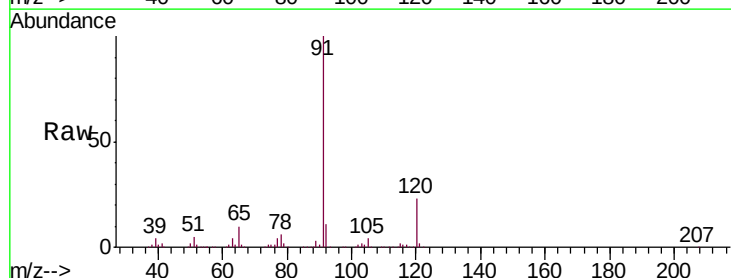
Acq: 24 Nov 2020 20:19

Tgt Ion: 91 Resp: 593815

Ion Ratio Lower Upper

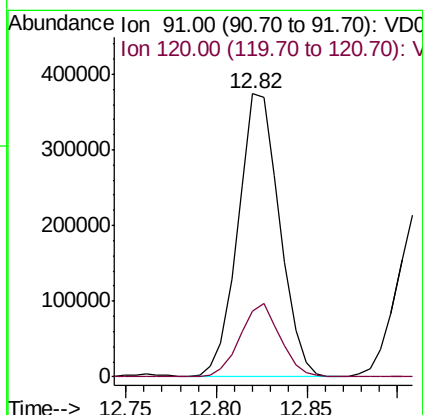
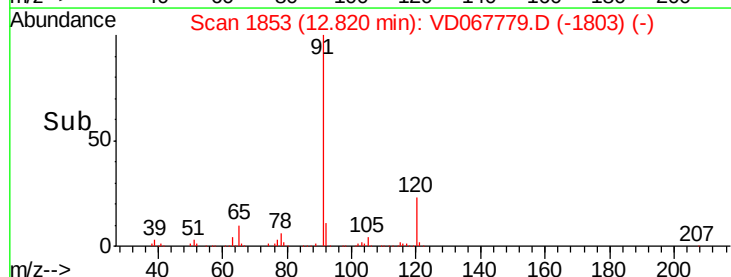
91 100

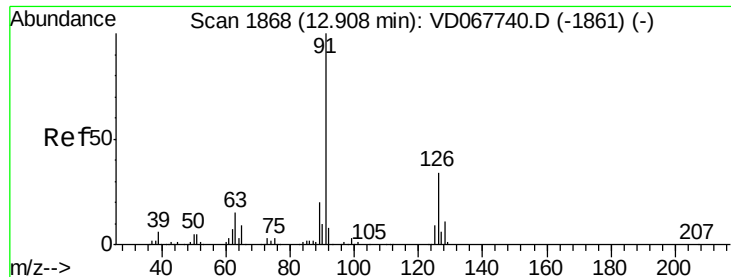
120 25.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.126 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

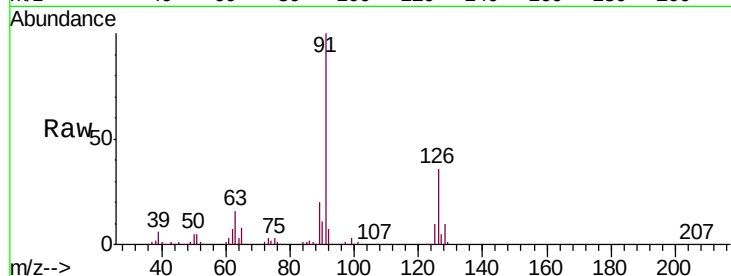
VSTDCCC050EC

Tgt Ion: 91 Resp: 361413

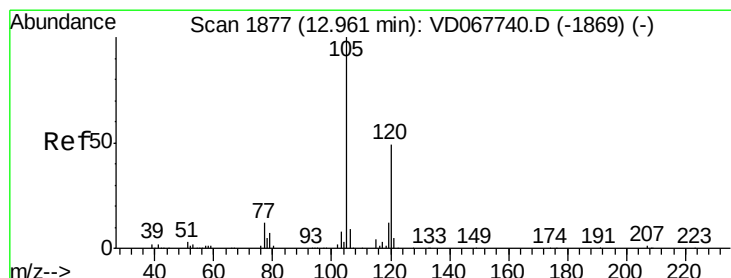
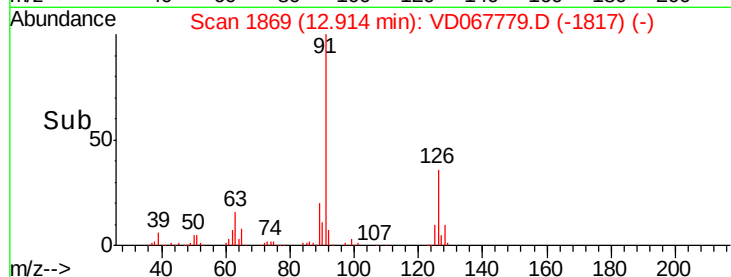
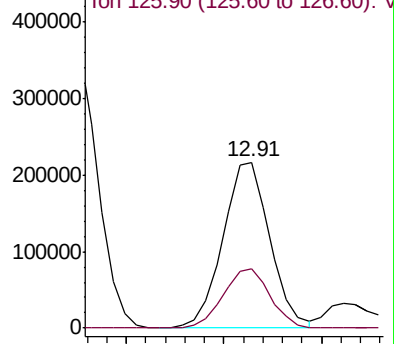
Ion Ratio Lower Upper

91 100

126 35.9 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VD067779.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.301 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067779.D

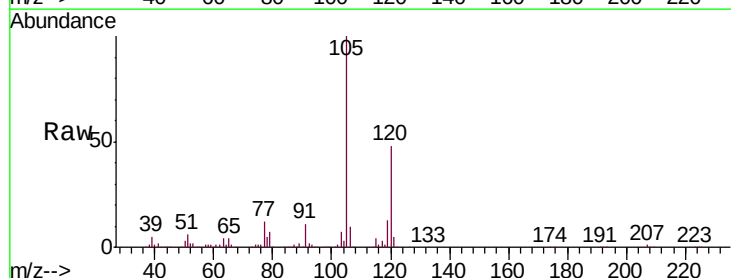
Acq: 24 Nov 2020 20:19

Tgt Ion: 105 Resp: 478960

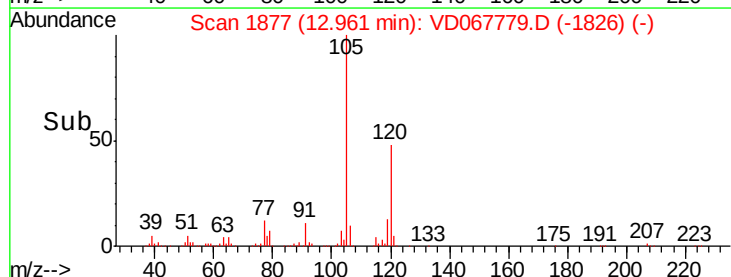
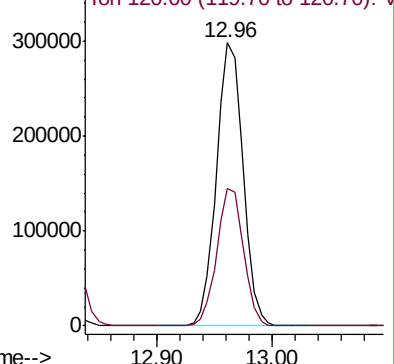
Ion Ratio Lower Upper

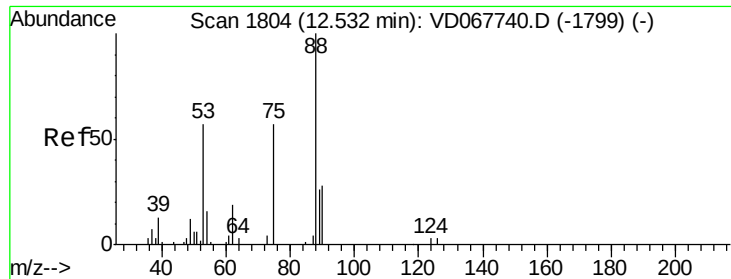
105 100

120 48.7 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD067779.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.730 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

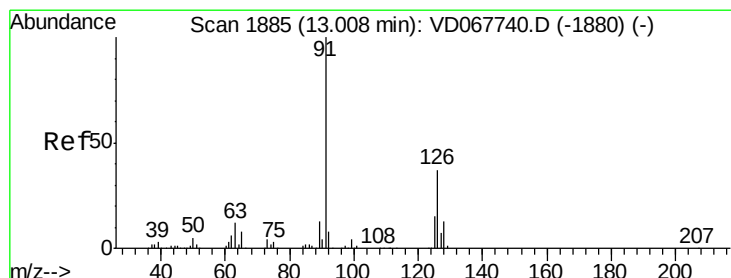
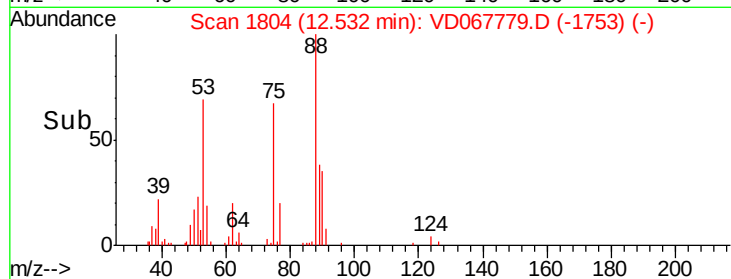
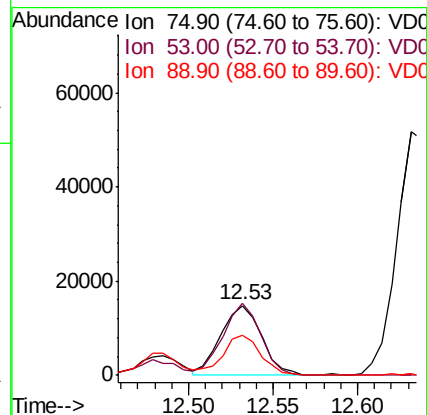
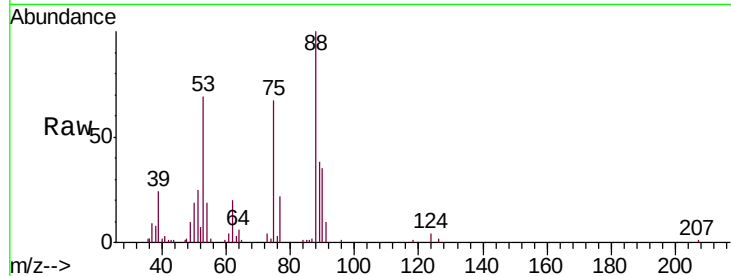
Tgt Ion: 75 Resp: 25161

Ion Ratio Lower Upper

75 100

53 95.2 76.0 114.0

89 52.6 40.2 60.4



#82

4-Chlorotoluene

Concen: 47.886 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067779.D

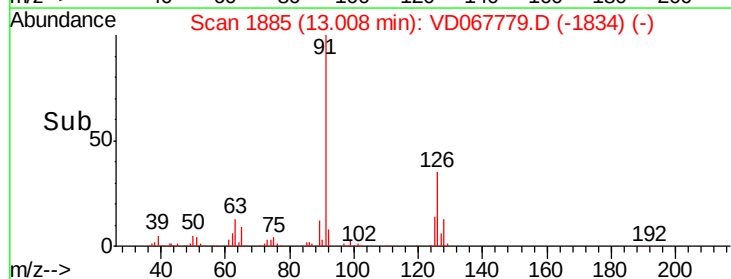
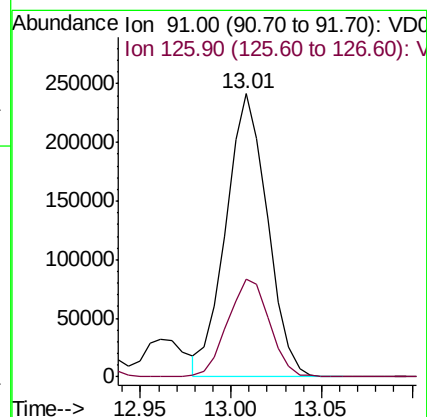
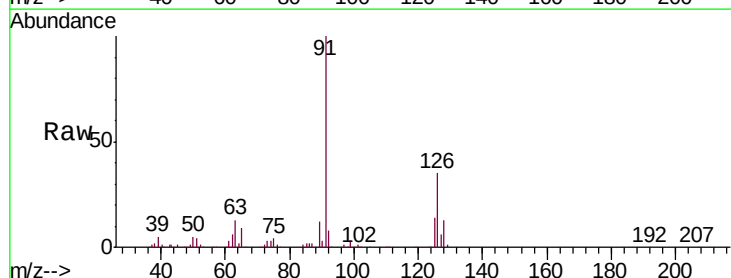
Acq: 24 Nov 2020 20:19

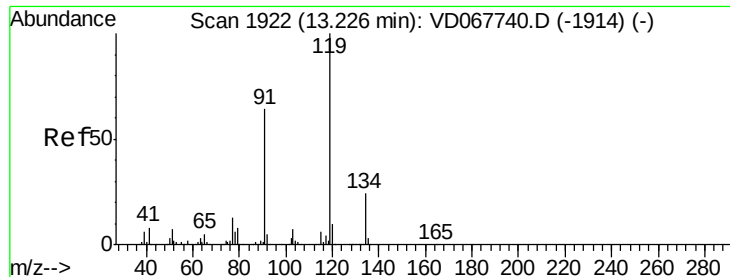
Tgt Ion: 91 Resp: 383183

Ion Ratio Lower Upper

91 100

126 34.9 17.7 53.1

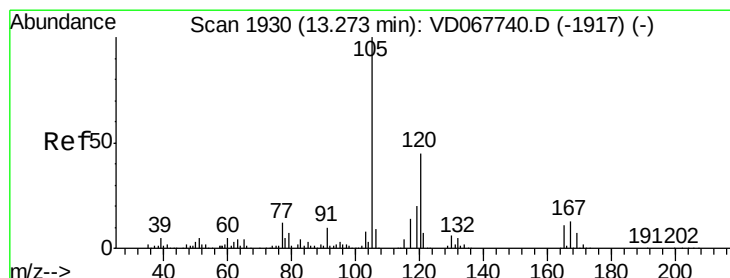
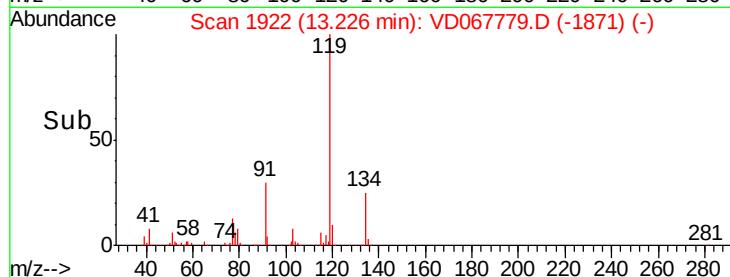
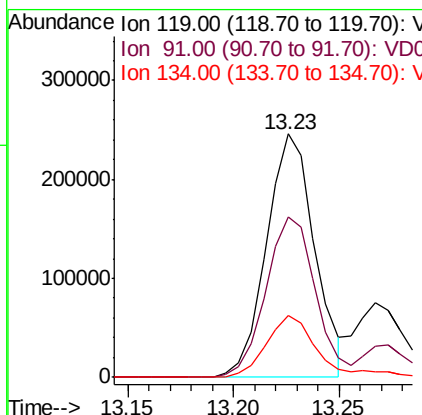
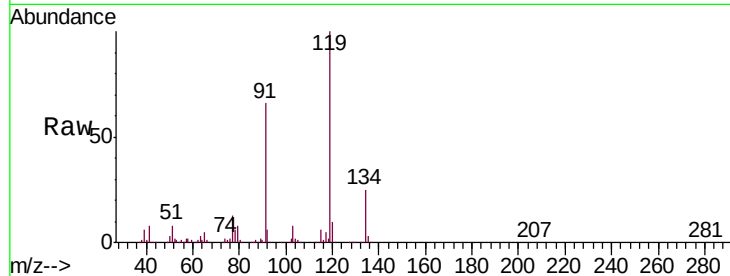




#83
 tert-Butylbenzene
 Concen: 45.822 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

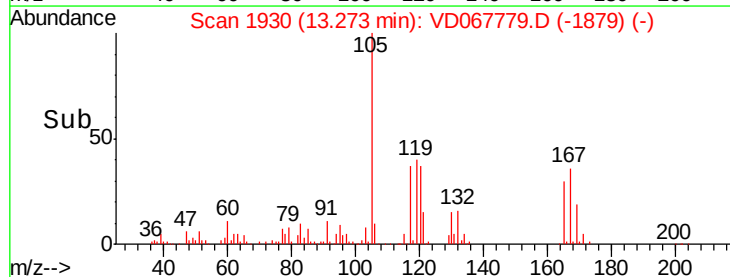
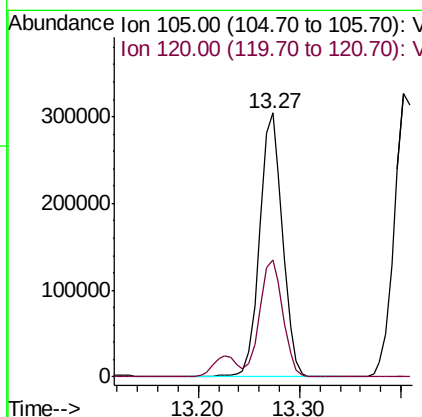
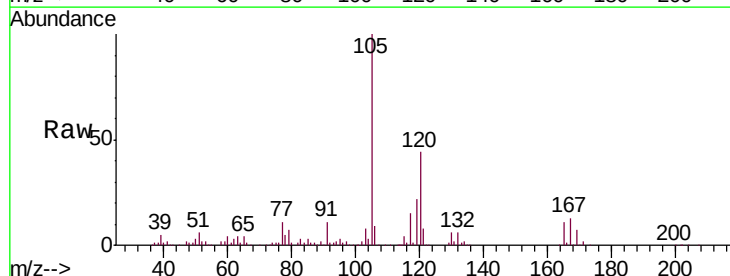
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

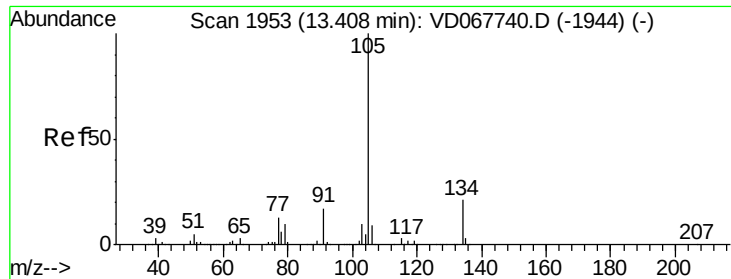
Tgt Ion:119 Resp: 390447
 Ion Ratio Lower Upper
 119 100
 91 67.8 32.9 98.7
 134 27.4 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 47.721 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Tgt Ion:105 Resp: 472719
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.7

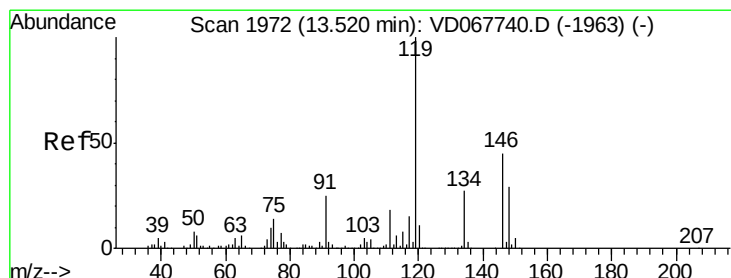
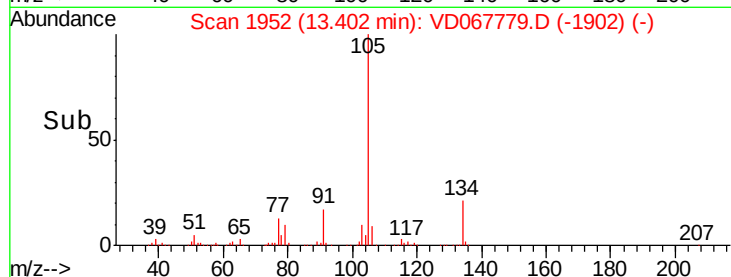
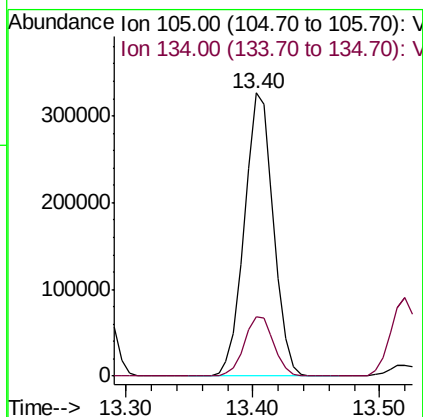
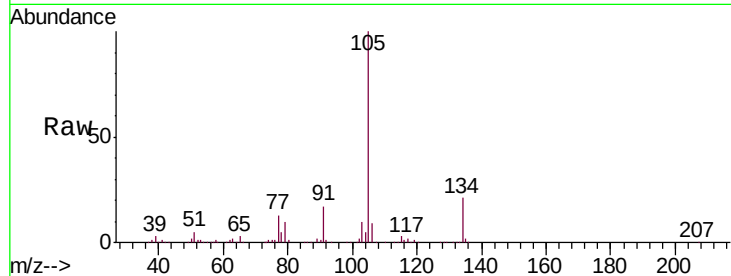




#85
 sec-Butylbenzene
 Concen: 46.410 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

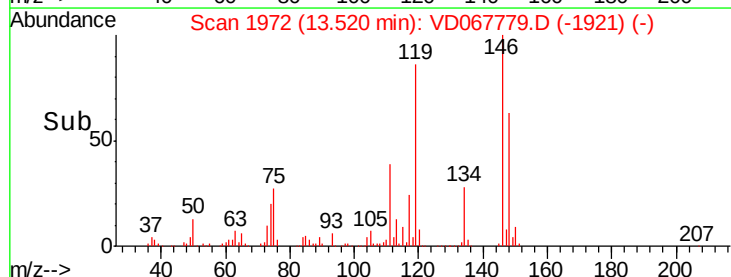
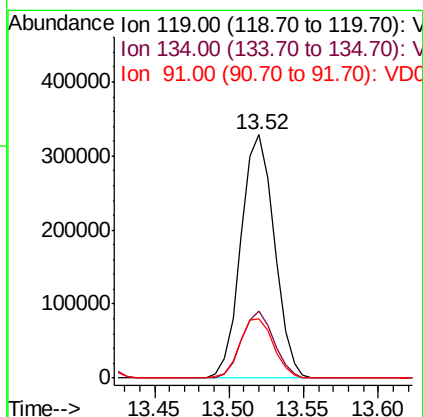
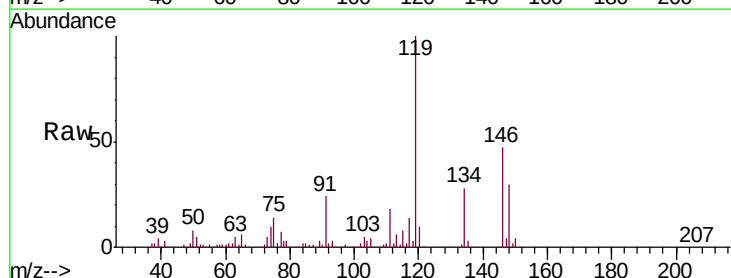
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

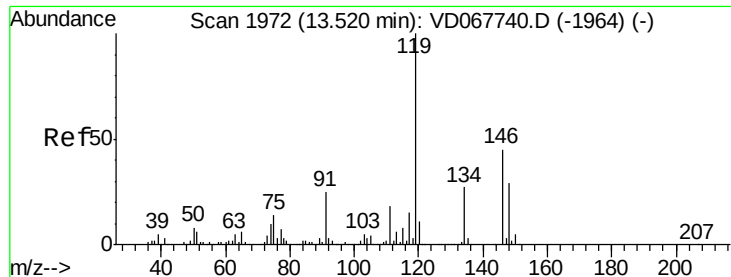
Tgt Ion:105 Resp: 519531
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 47.122 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Tgt Ion:119 Resp: 510922
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 38.9
 91 24.9 12.7 38.1

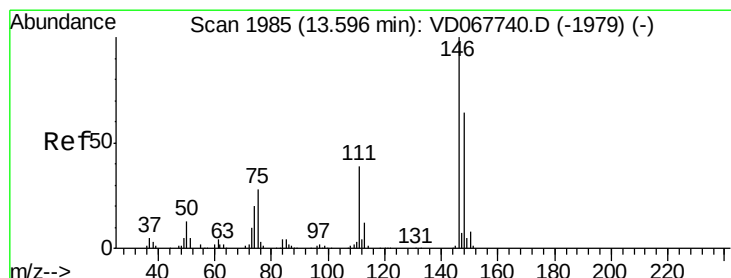
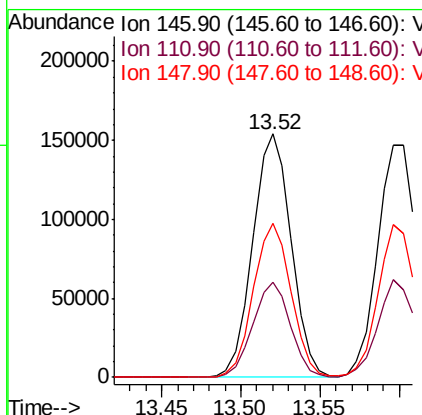
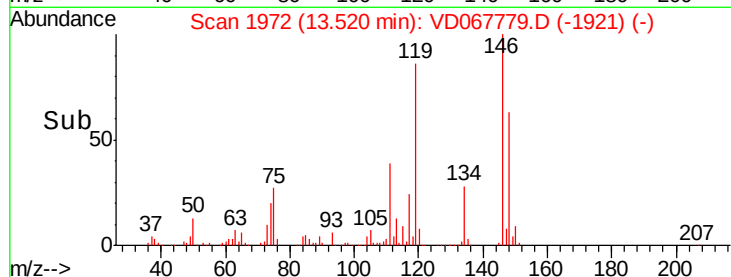
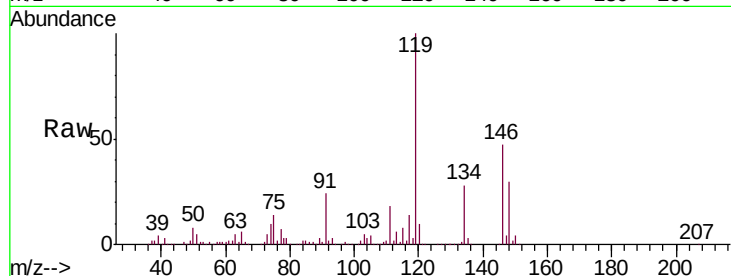




#87
 1,3-Dichlorobenzene
 Concen: 46.946 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

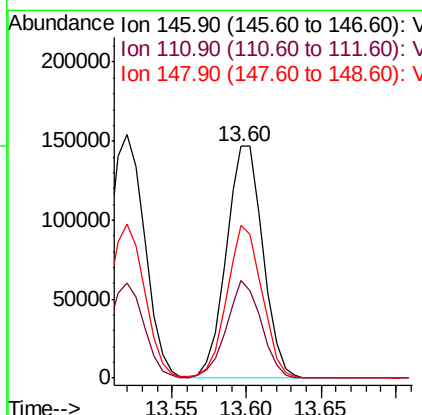
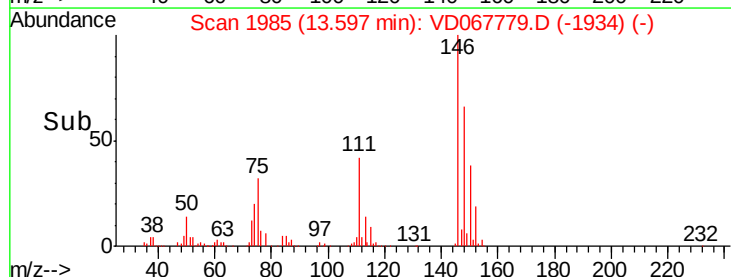
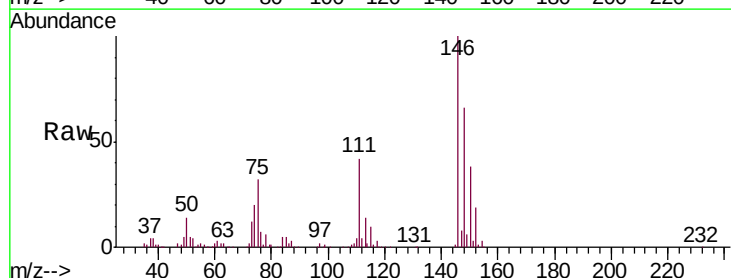
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

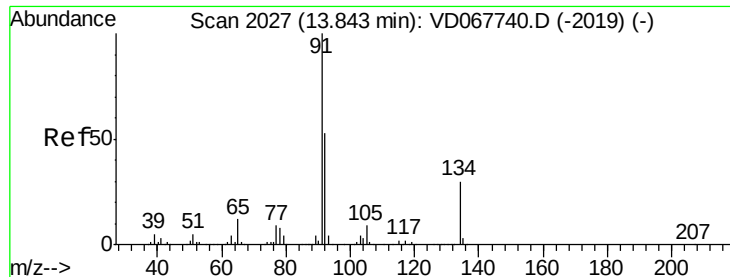
Tgt Ion:146 Resp: 259300
 Ion Ratio Lower Upper
 146 100
 111 38.3 20.2 60.6
 148 62.2 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 46.076 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Tgt Ion:146 Resp: 252099
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.4 58.4
 148 63.1 31.6 94.8

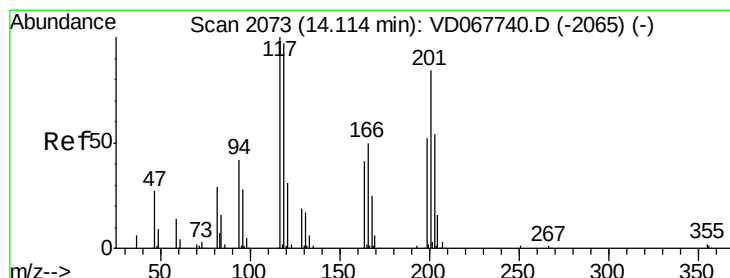
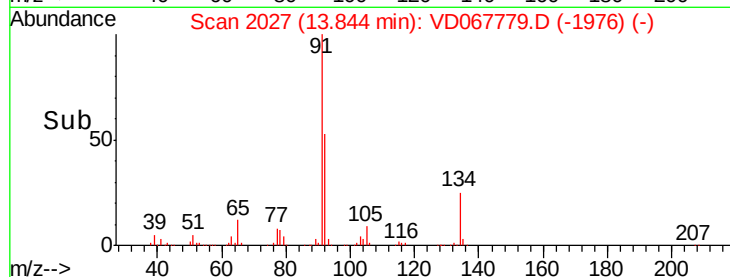
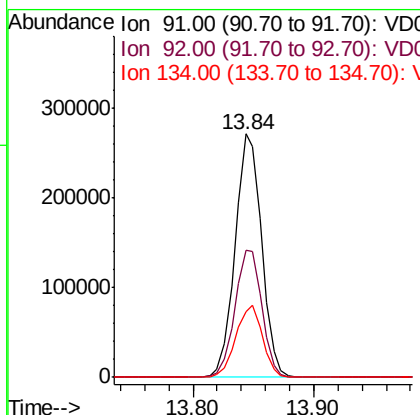
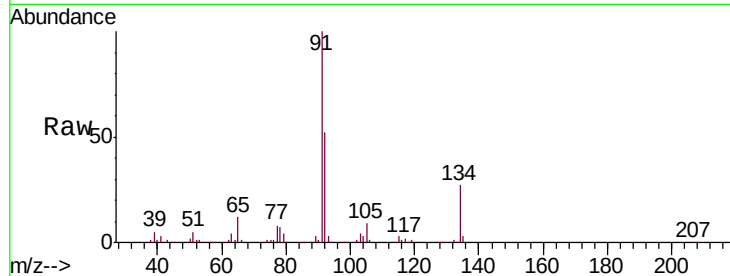




#89
n-Butylbenzene
Concen: 44.759 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

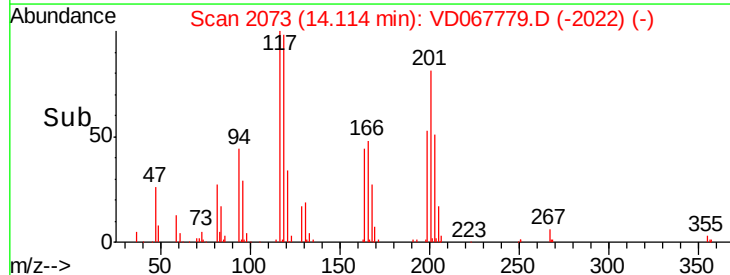
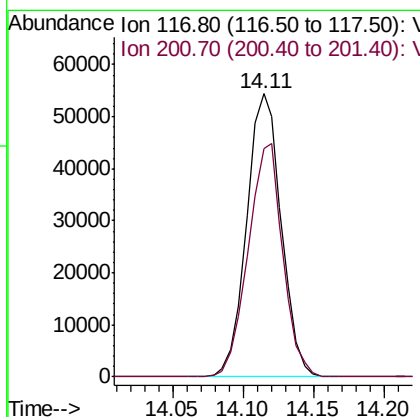
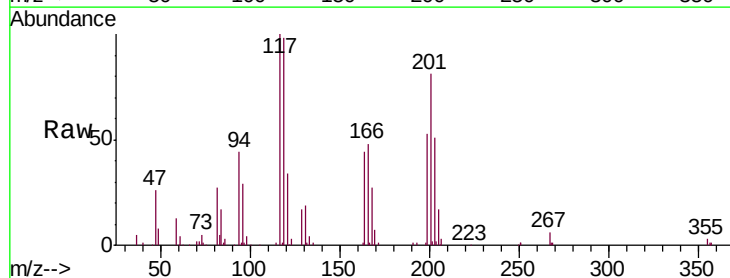
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

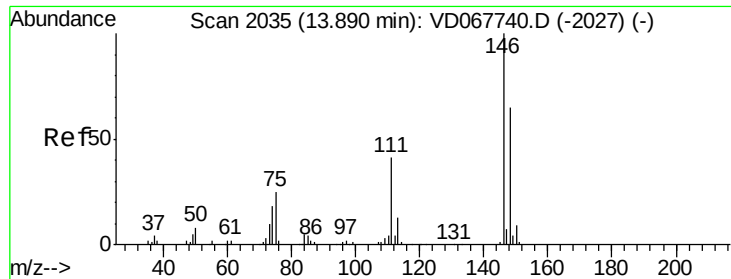
Tgt Ion: 91 Resp: 415880
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 29.6 14.8 44.3



#90
Hexachloroethane
Concen: 45.288 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067779.D
Acq: 24 Nov 2020 20:19

Tgt Ion: 117 Resp: 93476
Ion Ratio Lower Upper
117 100
201 82.3 42.2 126.6

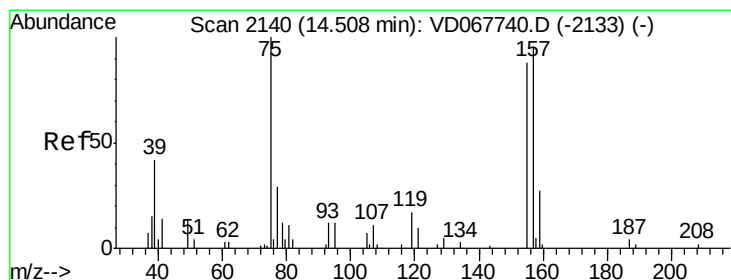
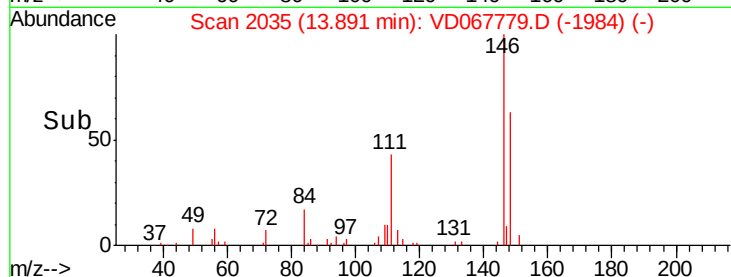
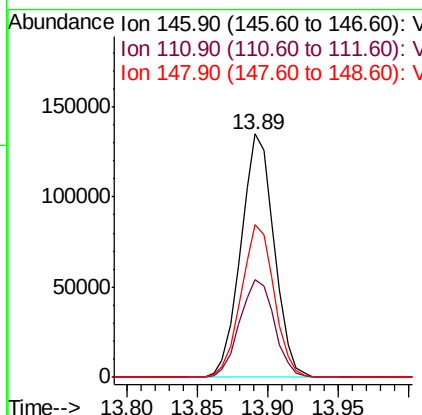
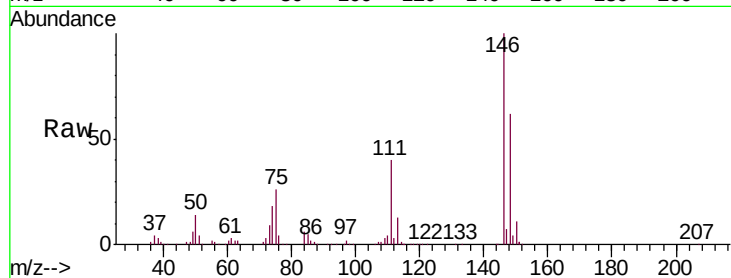




#91
 1,2-Dichlorobenzene
 Concen: 46.713 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

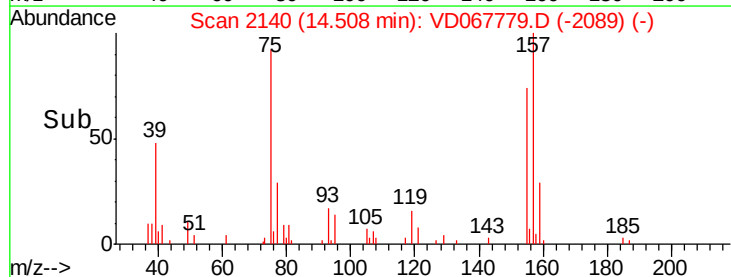
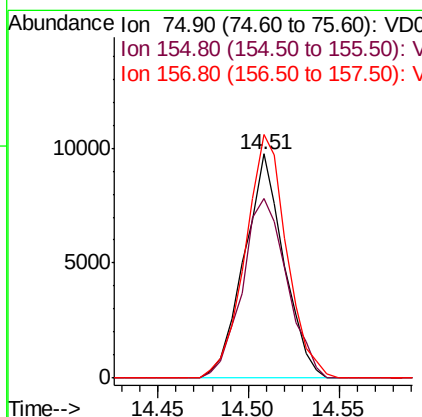
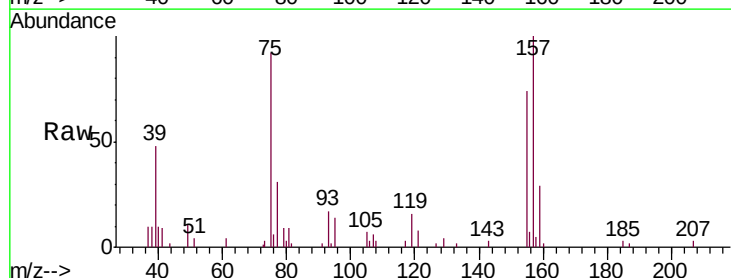
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

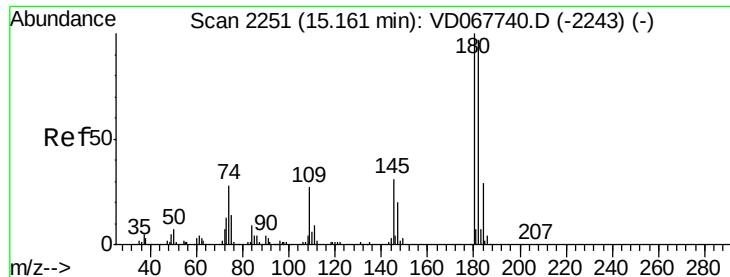
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.5
148	62.3	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.874 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	41.0	123.0
157	113.7	51.1	153.4

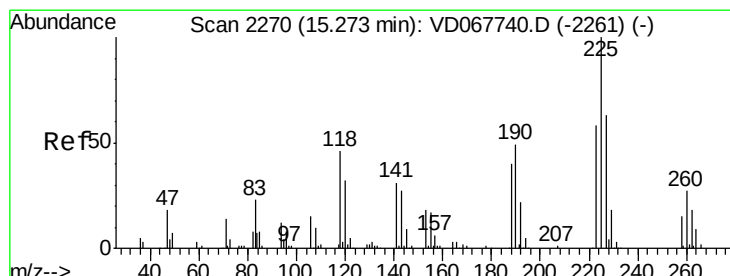
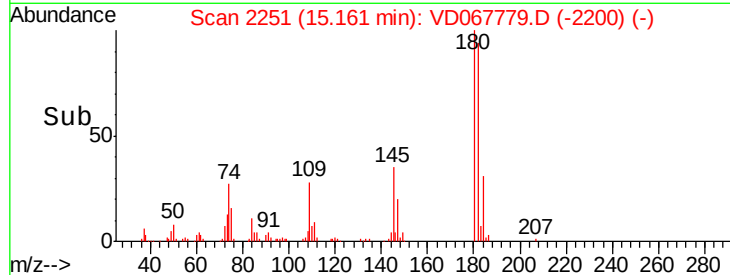
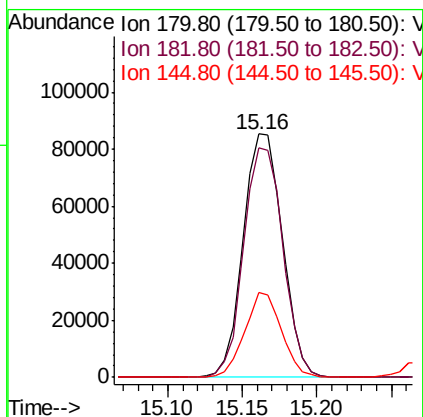
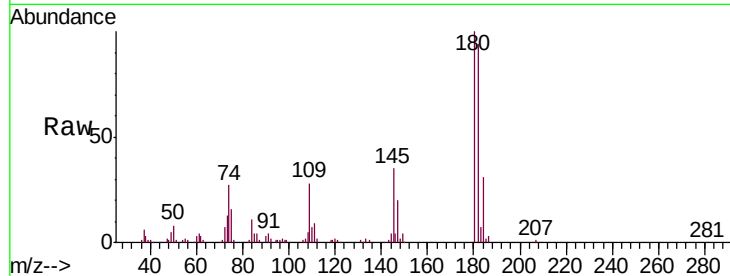




#93
 1,2,4-Trichlorobenzene
 Concen: 46.156 ug/l
 RT: 15.16 min Scan# 2251
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

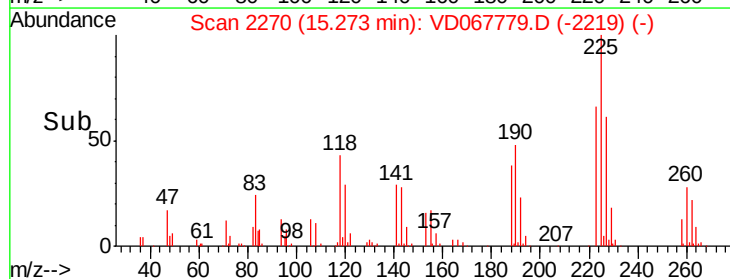
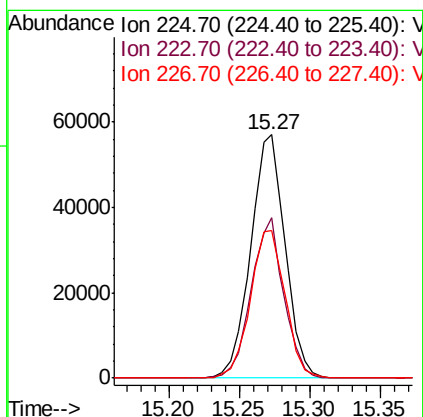
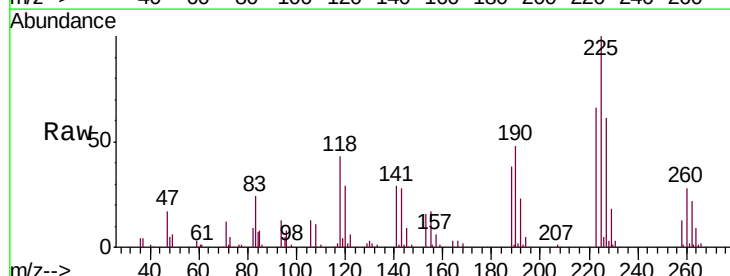
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

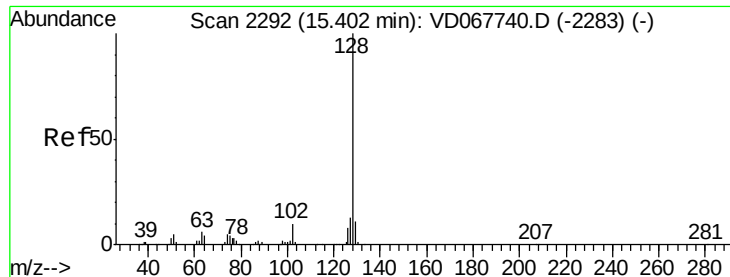
Tgt Ion:180 Resp: 155499
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.4 142.2
 145 32.5 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 45.496 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067779.D
 Acq: 24 Nov 2020 20:19

Tgt Ion:225 Resp: 97933
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.5 94.5
 227 61.0 32.9 98.7





#95

Naphthalene

Concen: 47.101 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

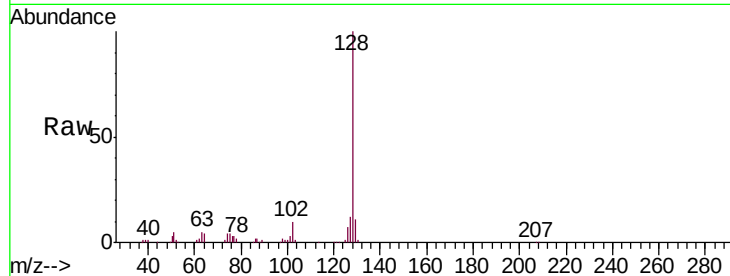
Tgt Ion:128 Resp: 256810

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

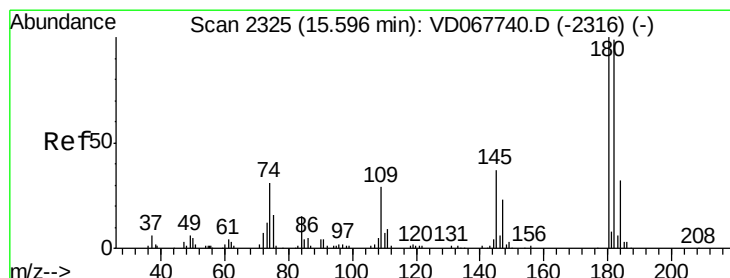
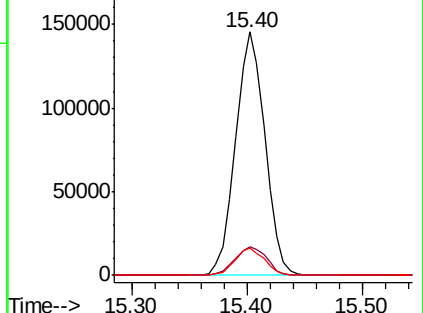
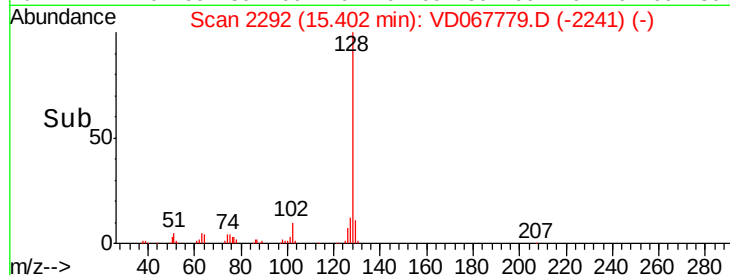
129 11.4 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.860 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD067779.D

Acq: 24 Nov 2020 20:19

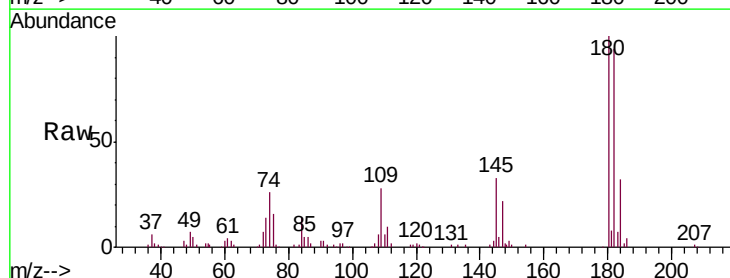
Tgt Ion:180 Resp: 134475

Ion Ratio Lower Upper

180 100

182 94.4 48.0 144.0

145 32.2 16.8 50.4



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

