

Data File : VD067777.D
Acq On : 24 Nov 2020 19:25
Operator : VA/SY
Sample : L4889-02
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-798-800

Quant Time: Nov 25 02:06:52 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	7.98	168	157921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	251893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	226117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	94018	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	84457	55.00	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	110.00%		
35) Dibromofluoromethane	7.92	113	79866	49.82	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.64%		
50) Toluene-d8	10.34	98	264457	45.12	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.24%		
62) 4-Bromofluorobenzene	12.64	95	81390	40.63	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	81.26%		

Target Compounds

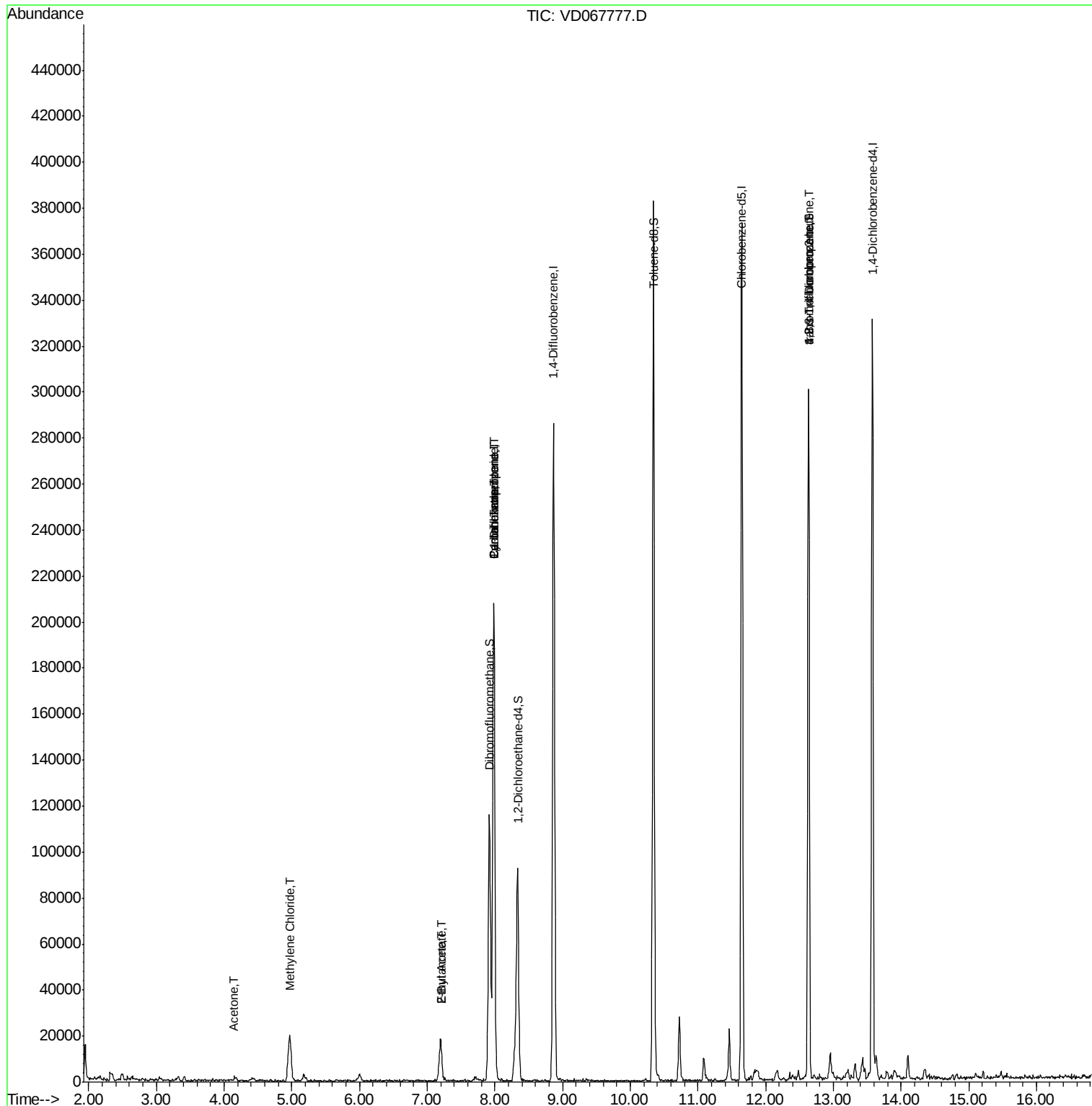
						Qvalue
11) Tert butyl alcohol	5.19	59	2301	Below Cal	#	87
16) Acetone	4.15	43	3299	16.631	ug/l #	86
20) Methylene Chloride	4.97	84	18488	5.934	ug/l	96
25) 2-Butanone	7.21	43	664	2.983	ug/l #	37
31) Cyclohexane	7.99	56	3138	1.689	ug/l #	63
36) 1,1-Dichloropropene	7.98	75	10760	4.978	ug/l #	49
37) Ethyl Acetate	7.21	43	664	1.142	ug/l #	63
38) Carbon Tetrachloride	7.98	117	16326	5.211	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	42733	65.215	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	42733	152.534	ug/l #	11

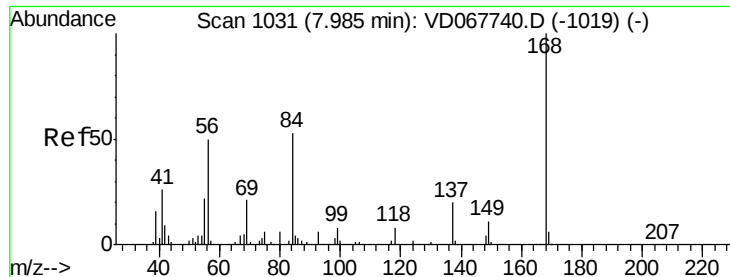
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VD067777.D
Acq On : 24 Nov 2020 19:25
Operator : VA/SY
Sample : L4889-02
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-798-800

Quant Time: Nov 25 02:06:52 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067777.D

Acq: 24 Nov 2020 19:25

Instrument :

MSVOA_D

ClientSampleId :

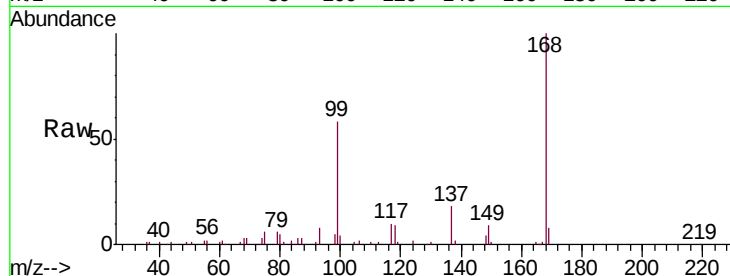
BP-VPB178-GW-798-800

Tgt Ion:168 Resp: 157921

Ion Ratio Lower Upper

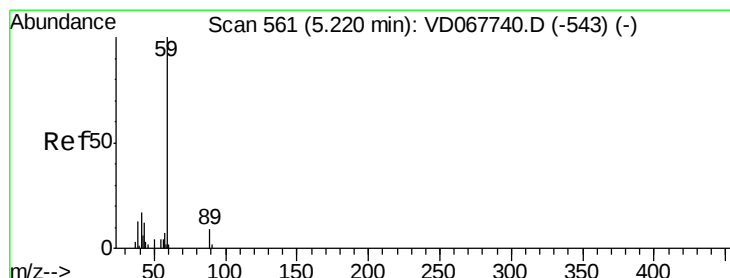
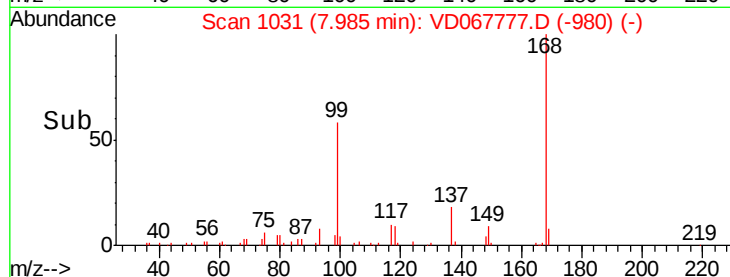
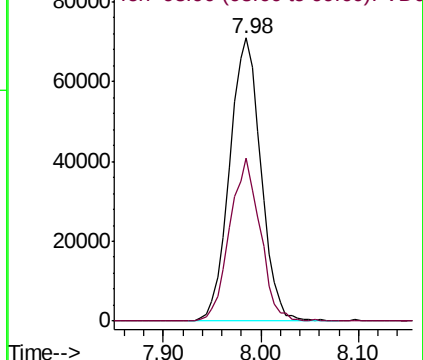
168 100

99 57.7 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 555

Delta R.T. -0.03 min

Lab File: VD067777.D

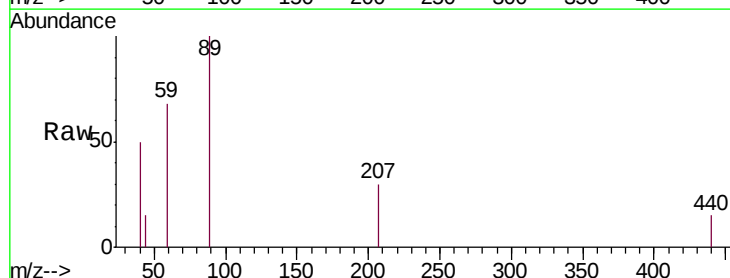
Acq: 24 Nov 2020 19:25

Tgt Ion: 59 Resp: 2301

Ion Ratio Lower Upper

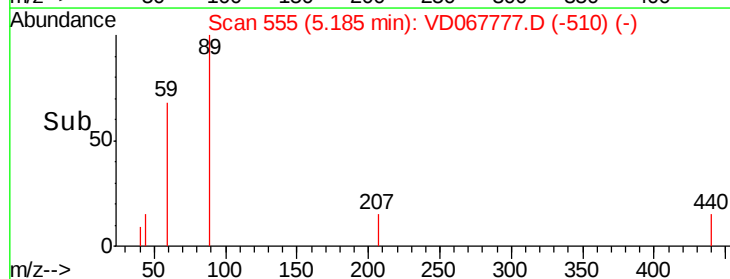
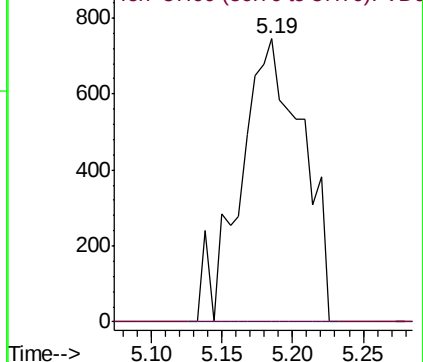
59 100

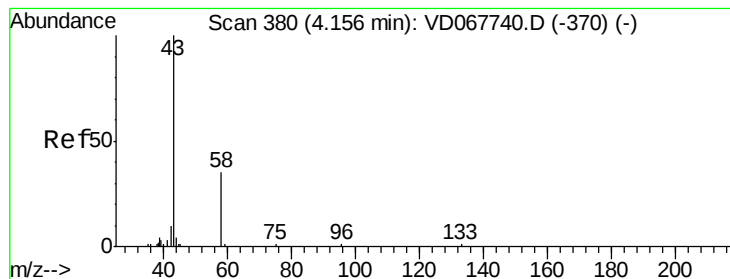
57 0.0 3.4 5.0#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 16.631 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067777.D

Acq: 24 Nov 2020 19:25

Instrument :

MSVOA_D

ClientSampleId :

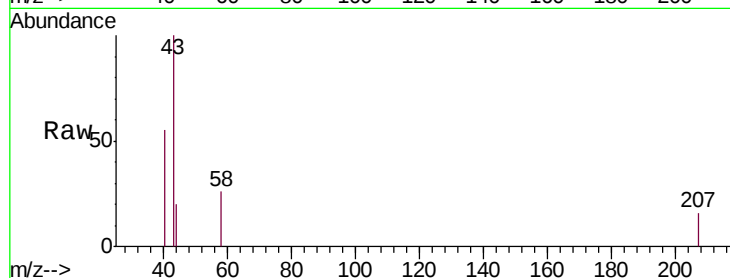
BP-VPB178-GW-798-800

Tgt Ion: 43 Resp: 3299

Ion Ratio Lower Upper

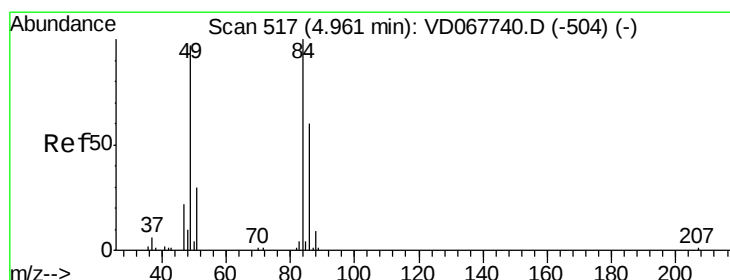
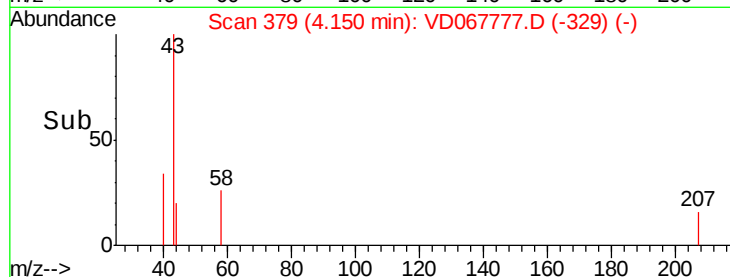
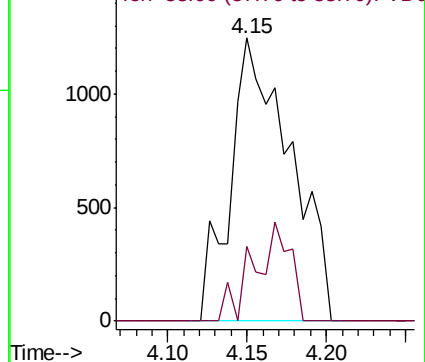
43 100

58 26.2 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 5.934 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD067777.D

Acq: 24 Nov 2020 19:25

Tgt Ion: 84 Resp: 18488

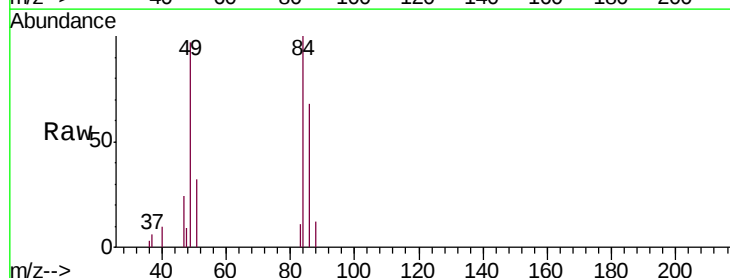
Ion Ratio Lower Upper

84 100

49 97.3 77.4 116.2

51 31.9 24.1 36.1

86 68.2 48.2 72.2

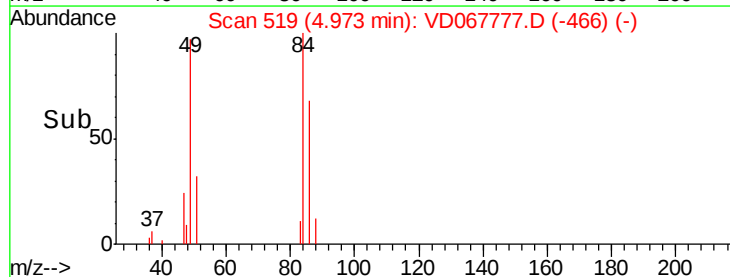
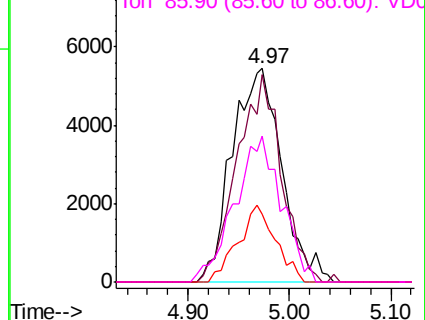


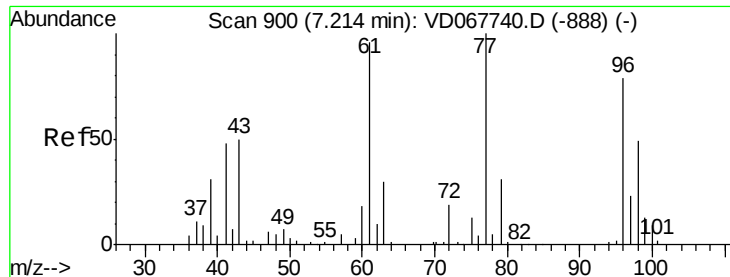
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

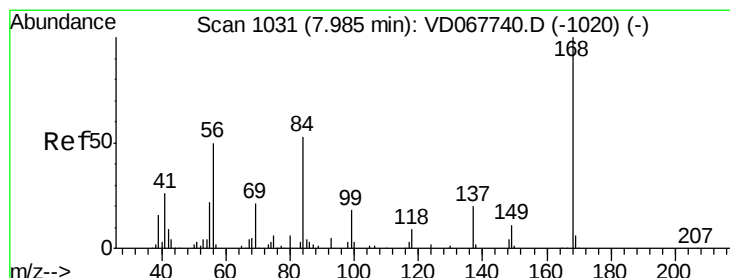
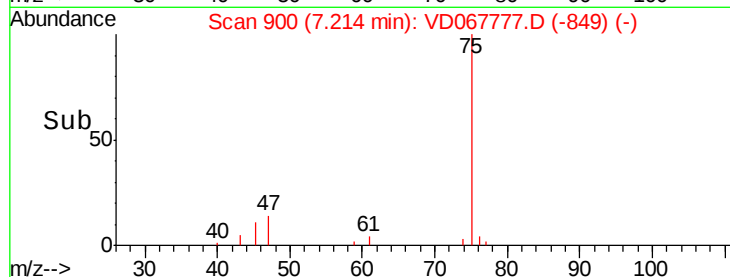
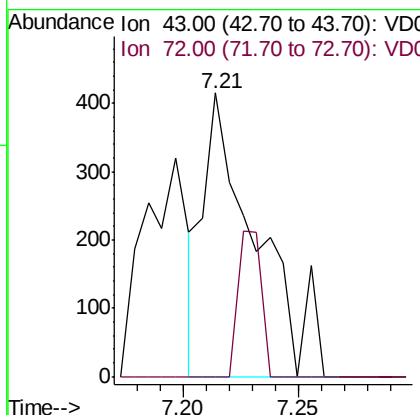
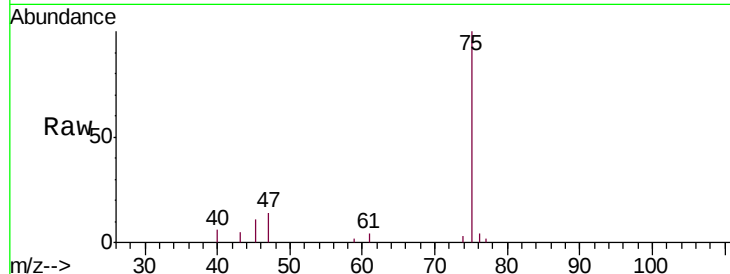




#25
2-Butanone
Concen: 2.983 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067777.D
Acq: 24 Nov 2020 19:25

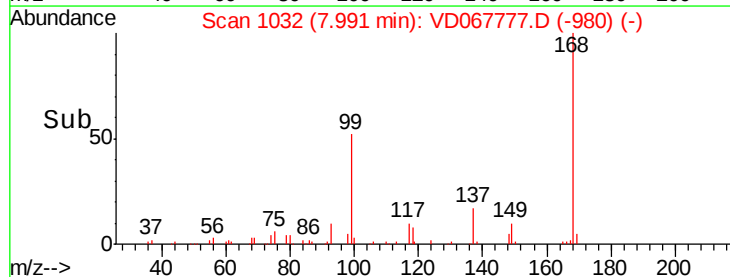
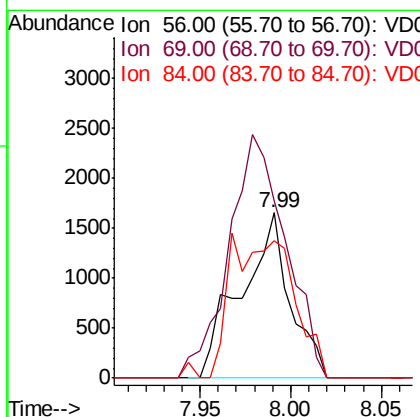
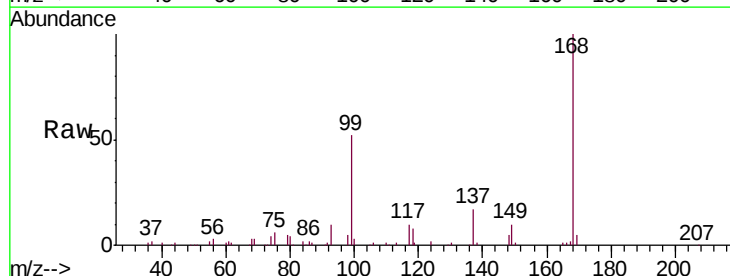
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-798-800

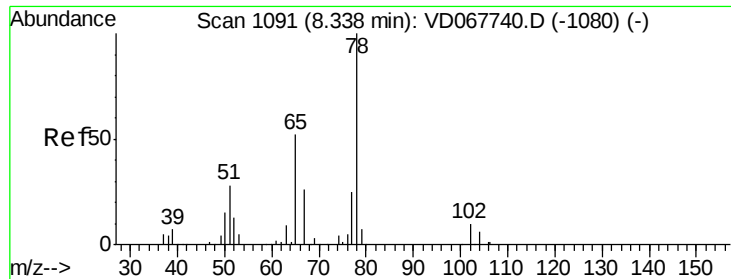
Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
72 0.0 30.8 46.2#



#31
Cyclohexane
Concen: 1.689 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067777.D
Acq: 24 Nov 2020 19:25

Tgt Ion: 56 Resp: 3138
Ion Ratio Lower Upper
56 100
69 107.4 33.2 49.8#
84 94.9 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 55.003 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067777.D

Acq: 24 Nov 2020 19:25

Instrument :

MSVOA_D

ClientSampleId :

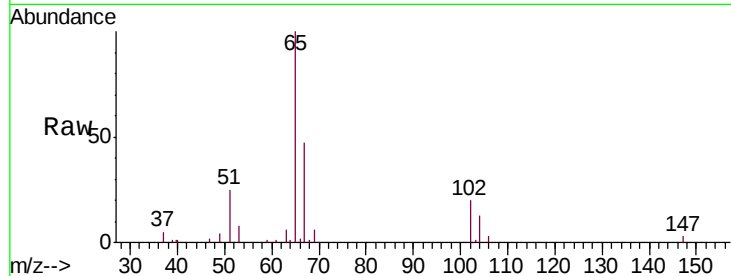
BP-VPB178-GW-798-800

Tgt Ion: 65 Resp: 84457

Ion Ratio Lower Upper

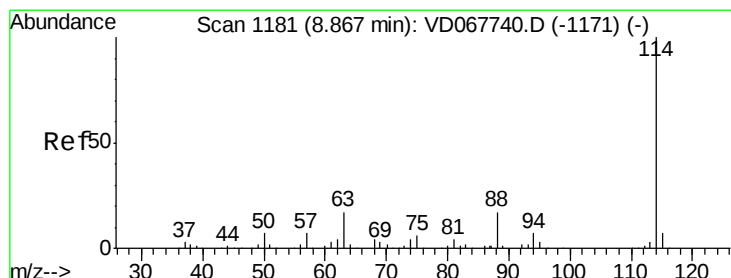
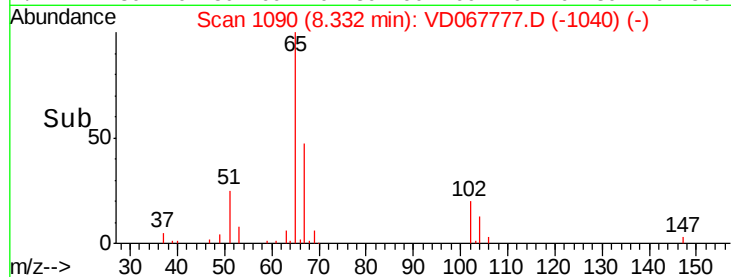
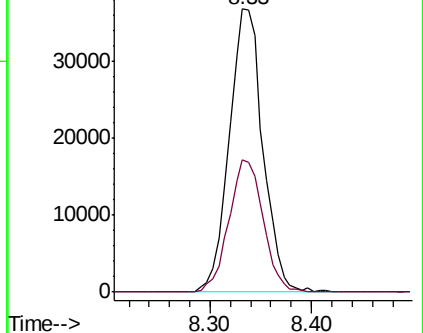
65 100

67 47.7 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067777.D

Acq: 24 Nov 2020 19:25

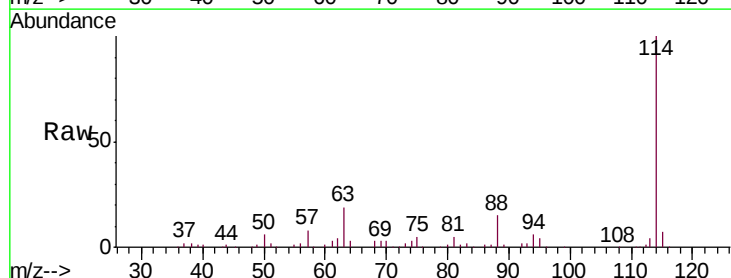
Tgt Ion: 114 Resp: 251893

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

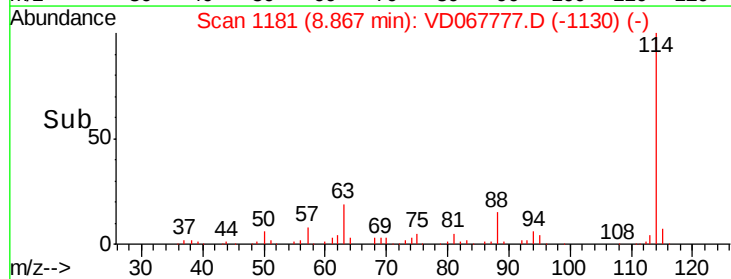
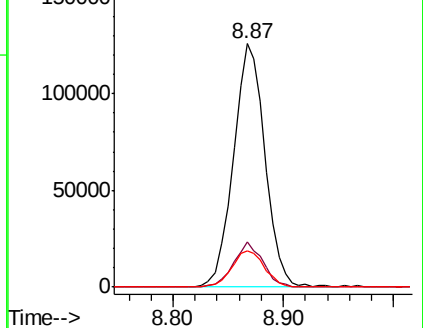
88 15.1 0.0 34.4

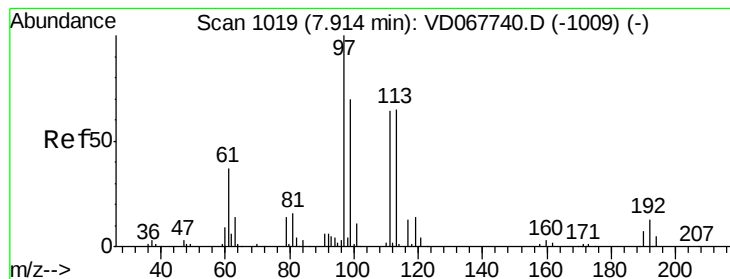


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 49.822 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067777.D

Acq: 24 Nov 2020 19:25

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB178-GW-798-800

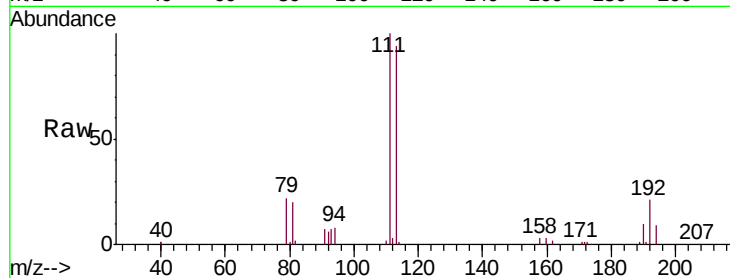
Tgt Ion:113 Resp: 79866

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

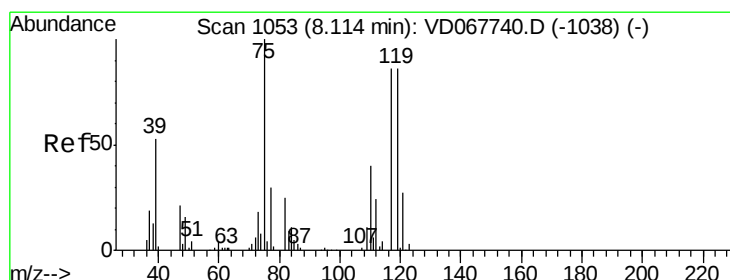
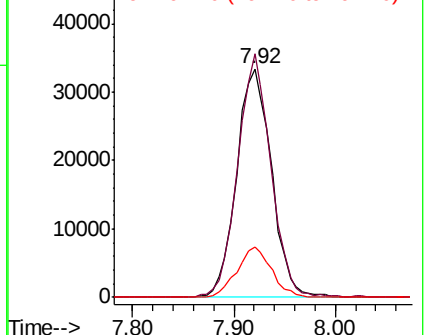
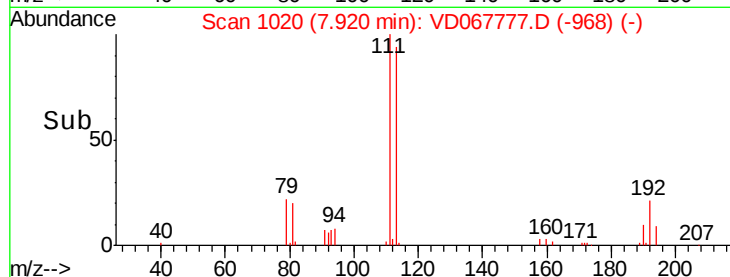
192 21.8 17.0 25.4



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: 4.978 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067777.D

Acq: 24 Nov 2020 19:25

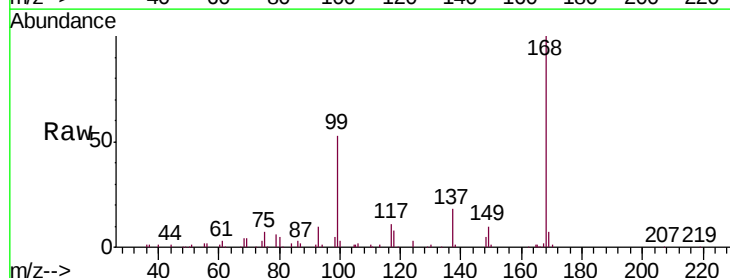
Tgt Ion: 75 Resp: 10760

Ion Ratio Lower Upper

75 100

110 11.2 20.1 60.2#

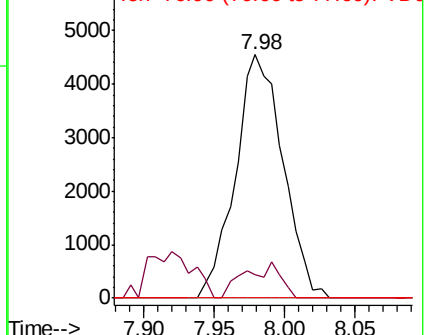
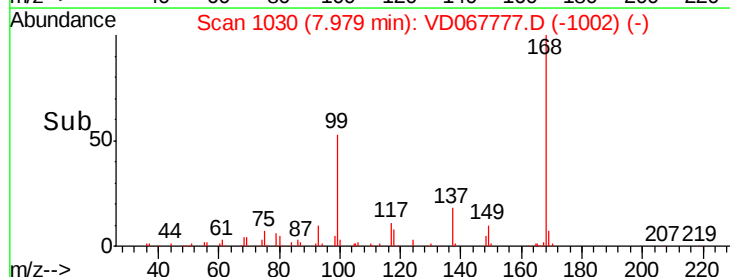
77 0.0 24.8 37.2#

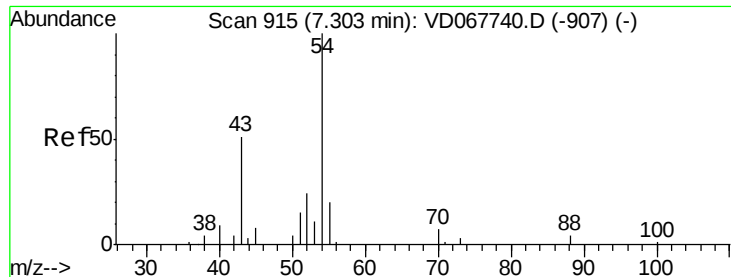


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

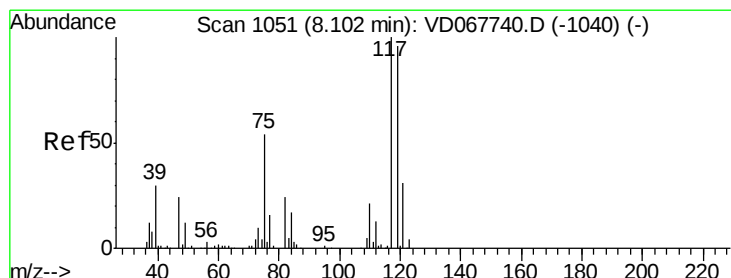
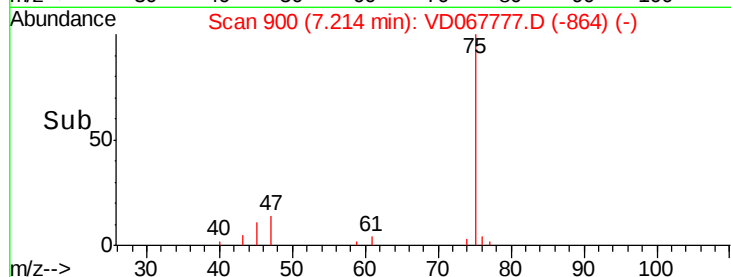
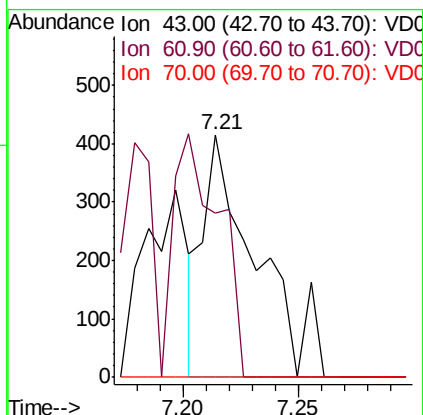
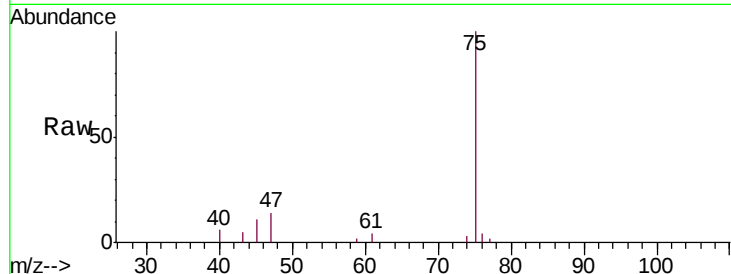




#37
 Ethyl Acetate
 Concen: 1.142 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.09 min
 Lab File: VD067777.D
 Acq: 24 Nov 2020 19:25

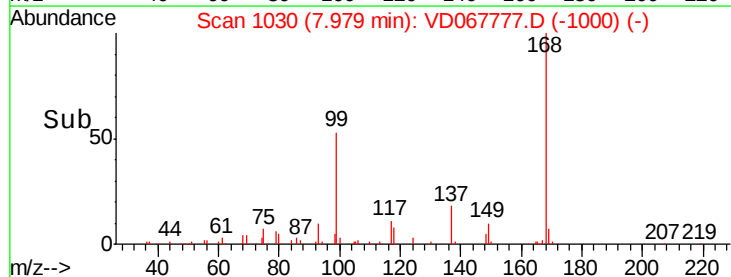
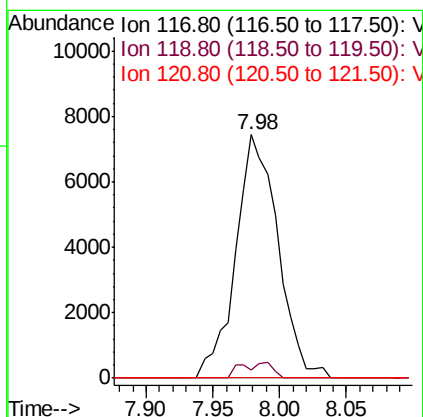
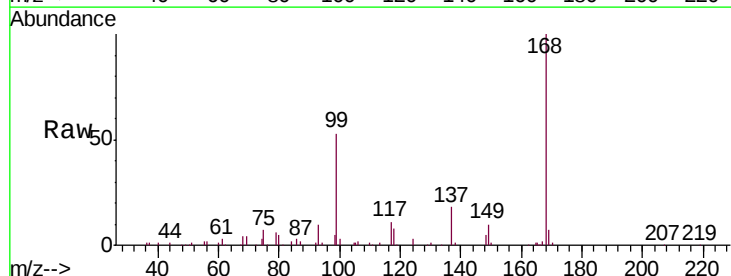
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-798-800

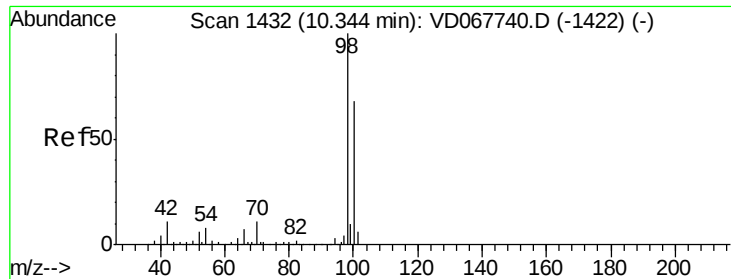
Tgt Ion: 43 Resp: 664
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.9 19.3#
 70 0.0 12.2 18.2#



#38
 Carbon Tetrachloride
 Concen: 5.211 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD067777.D
 Acq: 24 Nov 2020 19:25

Tgt Ion: 117 Resp: 16326
 Ion Ratio Lower Upper
 117 100
 119 3.2 76.6 115.0#
 121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 45.123 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067777.D

Acq: 24 Nov 2020 19:25

Instrument :

MSVOA_D

ClientSampleId :

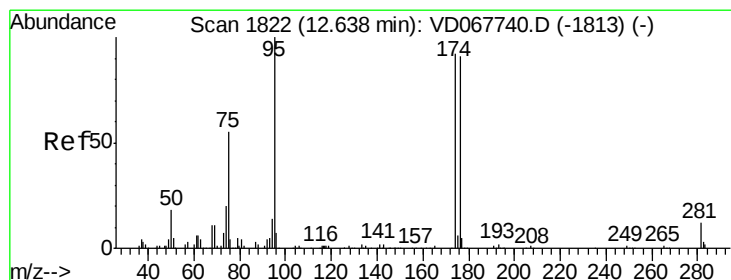
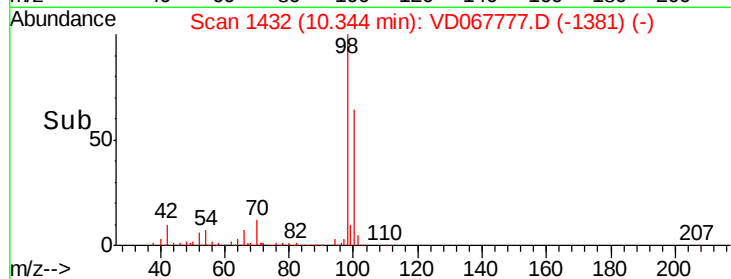
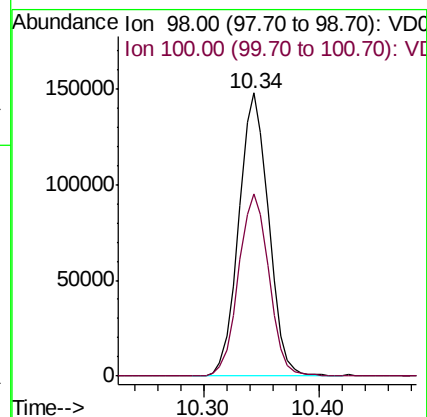
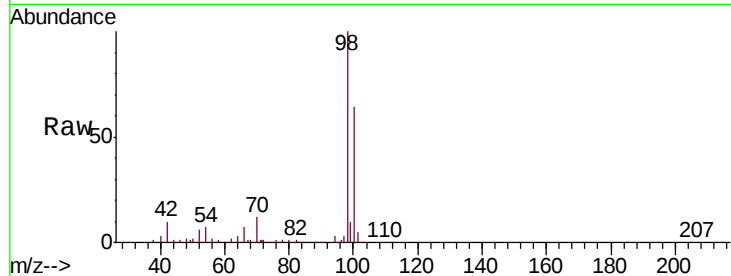
BP-VPB178-GW-798-800

Tgt Ion: 98 Resp: 264457

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 40.629 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067777.D

Acq: 24 Nov 2020 19:25

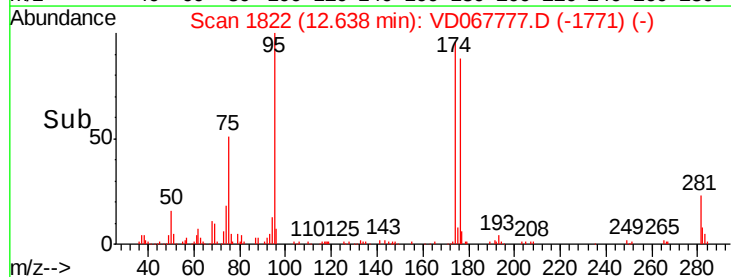
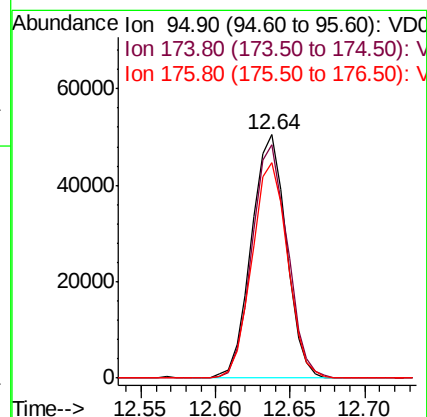
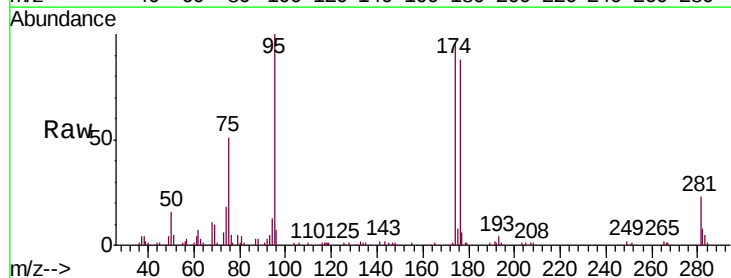
Tgt Ion: 95 Resp: 81390

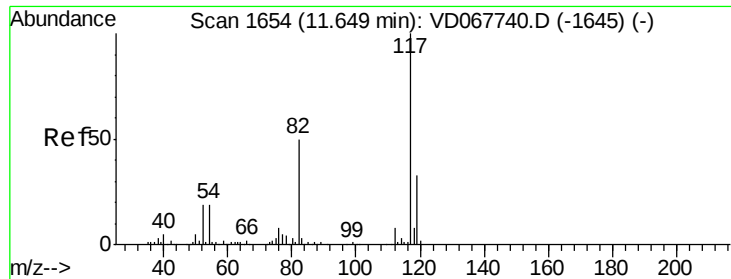
Ion Ratio Lower Upper

95 100

174 97.4 0.0 182.4

176 90.3 0.0 178.2

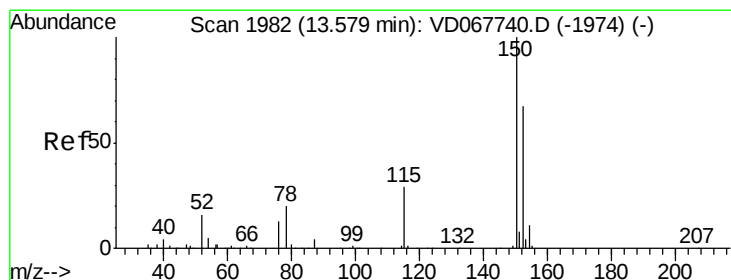
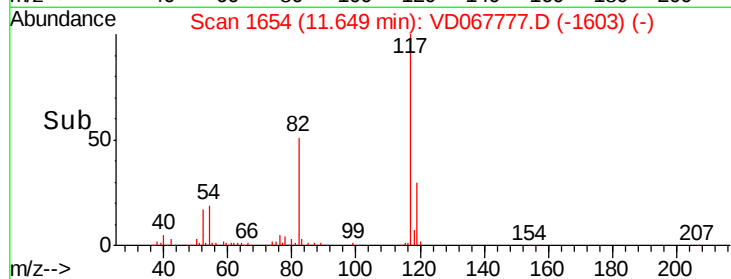
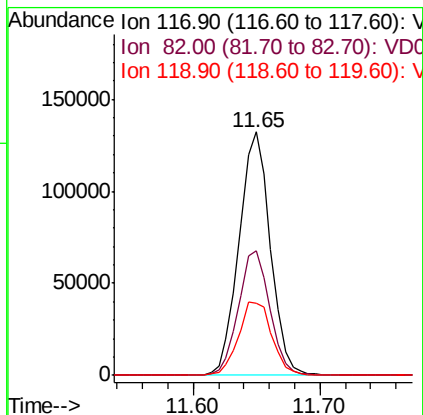
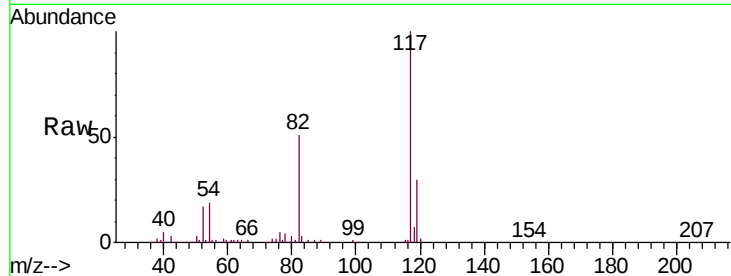




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067777.D
Acq: 24 Nov 2020 19:25

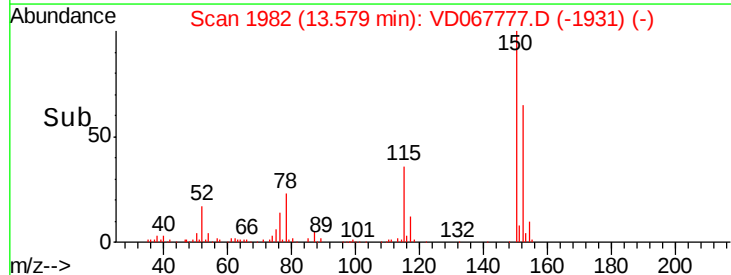
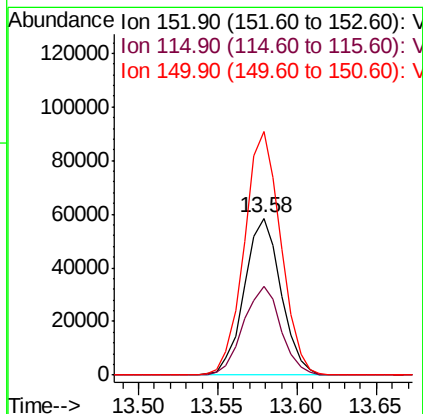
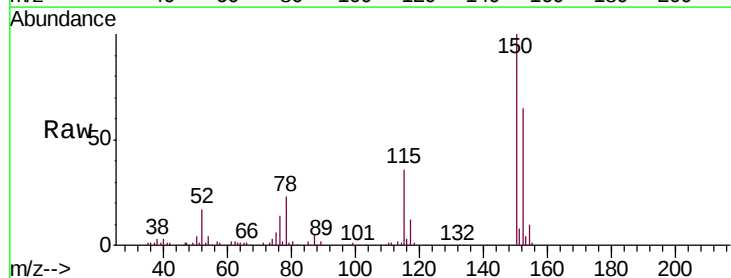
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-798-800

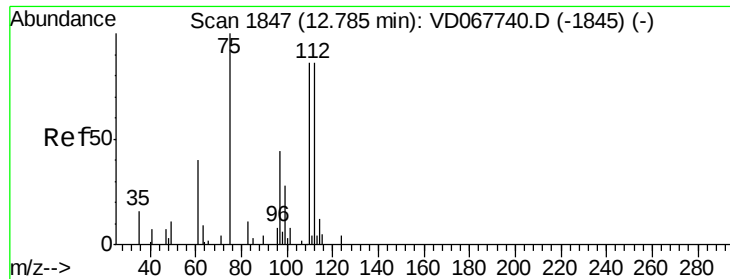
Tgt Ion:117 Resp: 226117
Ion Ratio Lower Upper
117 100
82 51.4 40.2 60.4
119 29.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067777.D
Acq: 24 Nov 2020 19:25

Tgt Ion:152 Resp: 94018
Ion Ratio Lower Upper
152 100
115 57.8 29.4 88.3
150 154.5 0.0 340.6

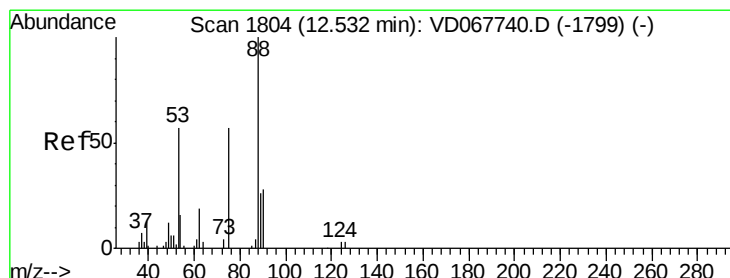
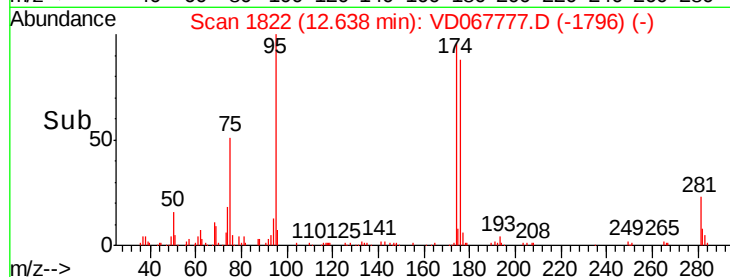
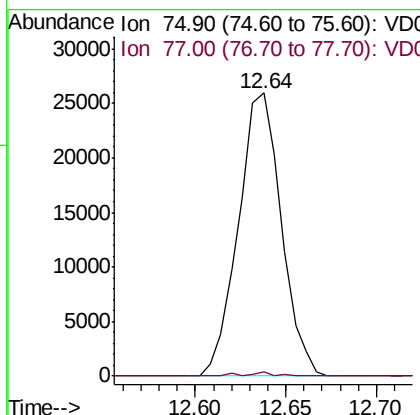
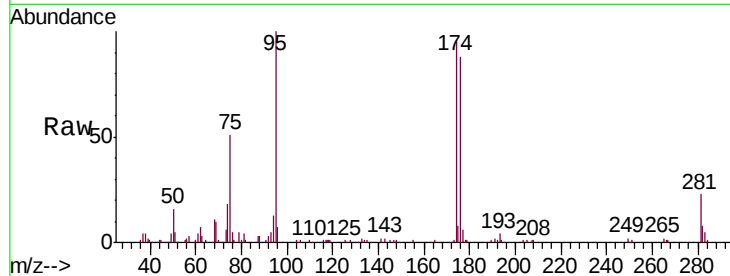




#76
 1,2,3-Trichloropropane
 Concen: 65.215 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067777.D
 Acq: 24 Nov 2020 19:25

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-798-800

Tgt Ion: 75 Resp: 42733
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.534 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067777.D
 Acq: 24 Nov 2020 19:25

Tgt Ion: 75 Resp: 42733
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.0 114.0#
 89 0.3 40.2 60.4#

