

Data File : VD067776.D
Acq On : 24 Nov 2020 18:58
Operator : VA/SY
Sample : L4889-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-768-770

Quant Time: Nov 25 02:06:40 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	151400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	241974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	204025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	66097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	82220	55.85	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.70%
35) Dibromofluoromethane	7.92	113	78915	51.25	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.50%
50) Toluene-d8	10.34	98	244478	43.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.84%
62) 4-Bromofluorobenzene	12.64	95	64086	33.30	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.60%

Target Compounds

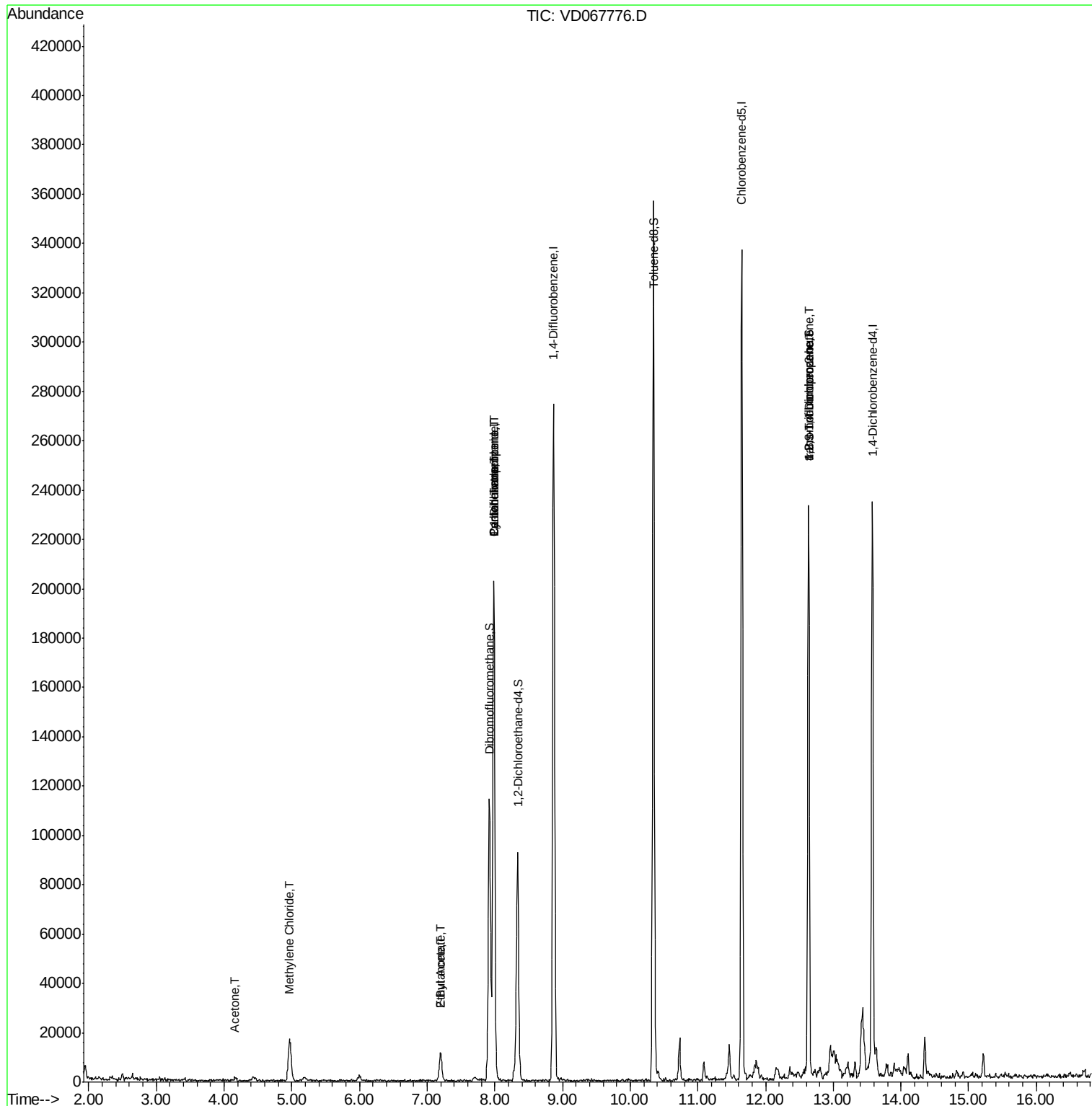
					Qvalue	
11) Tert butyl alcohol	5.22	59	287	Below Cal	#	87
16) Acetone	4.16	43	2109	11.090	ug/l #	77
20) Methylene Chloride	4.97	84	14079	2.972	ug/l	93
25) 2-Butanone	7.20	43	697	3.266	ug/l #	59
31) Cyclohexane	7.99	56	2993	1.680	ug/l #	6
36) 1,1-Dichloropropene	7.98	75	11387	5.484	ug/l #	50
37) Ethyl Acetate	7.20	43	697	1.248	ug/l #	34
38) Carbon Tetrachloride	7.99	117	15201	5.050	ug/l #	15
76) 1,2,3-Trichloropropane	12.63	75	34871	75.697	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	34871	177.050	ug/l #	11

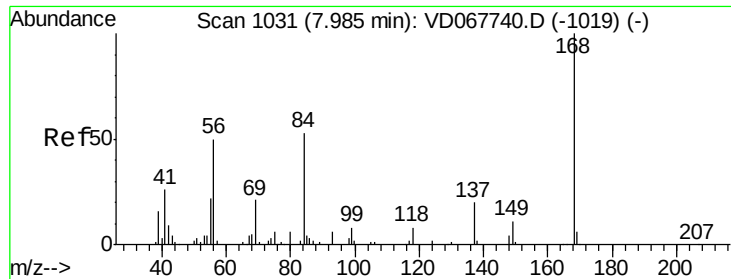
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067776.D

Acq: 24 Nov 2020 18:58

Instrument :

MSVOA_D

ClientSampleId :

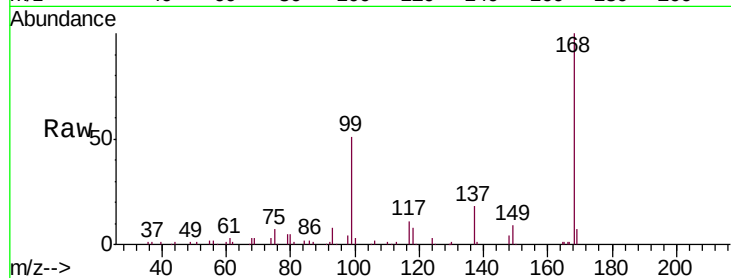
BP-VPB178-GW-768-770

Tgt Ion:168 Resp: 151400

Ion Ratio Lower Upper

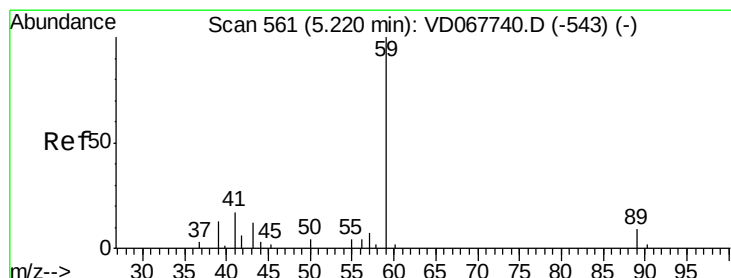
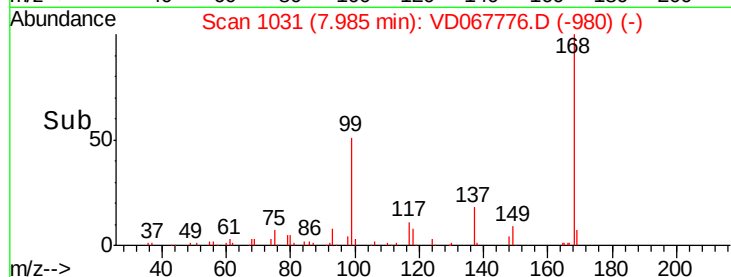
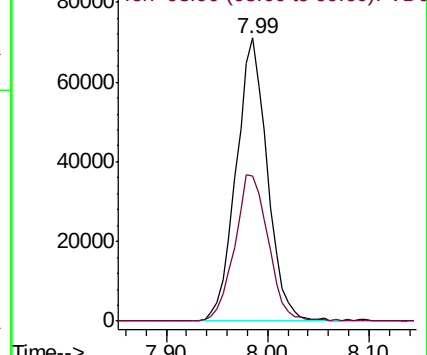
168 100

99 51.2 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: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD067776.D

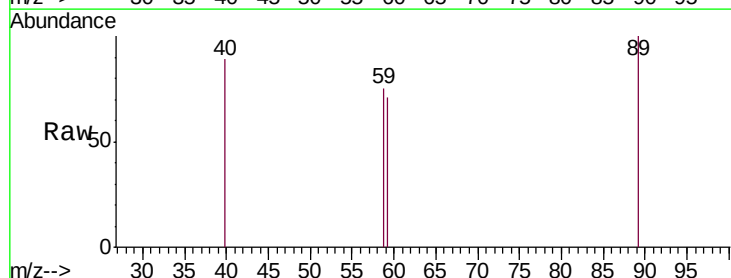
Acq: 24 Nov 2020 18:58

Tgt Ion: 59 Resp: 287

Ion Ratio Lower Upper

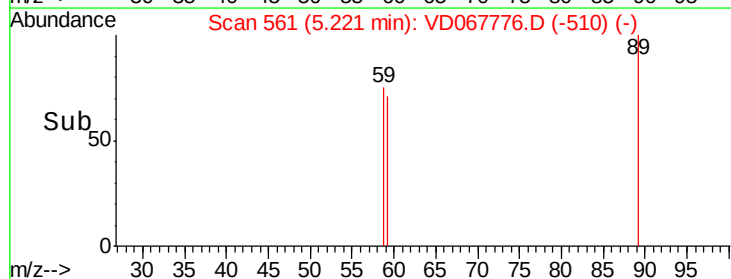
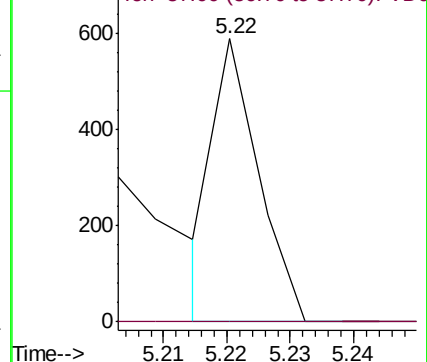
59 100

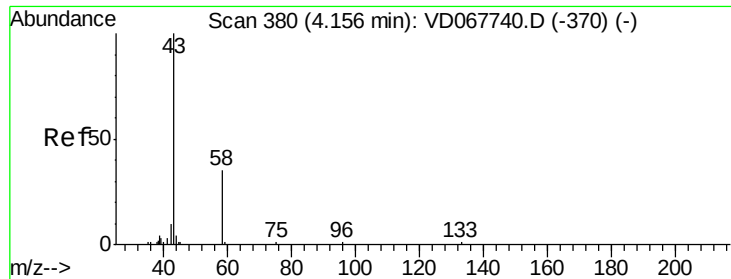
57 0.0 3.4 5.0#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 11.090 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067776.D

Acq: 24 Nov 2020 18:58

Instrument :

MSVOA_D

ClientSampleId :

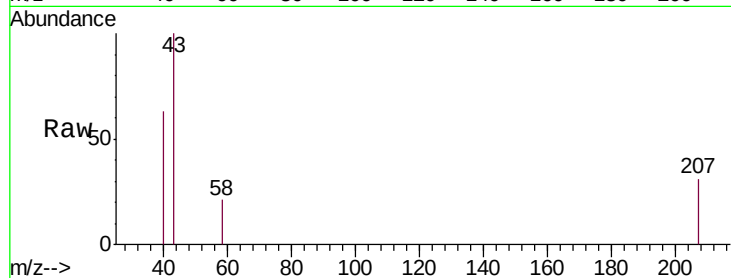
BP-VPB178-GW-768-770

Tgt Ion: 43 Resp: 2109

Ion Ratio Lower Upper

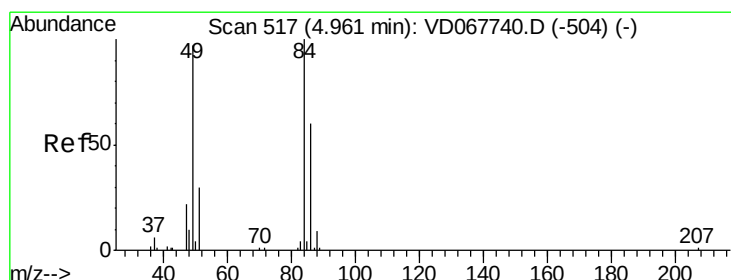
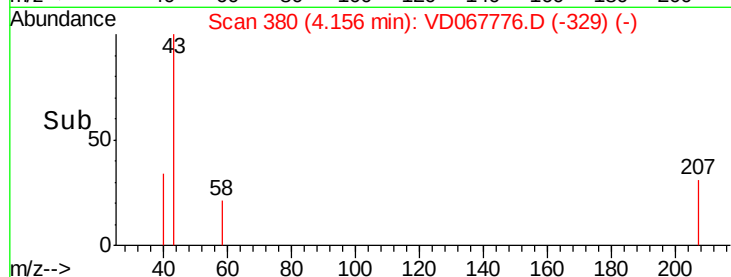
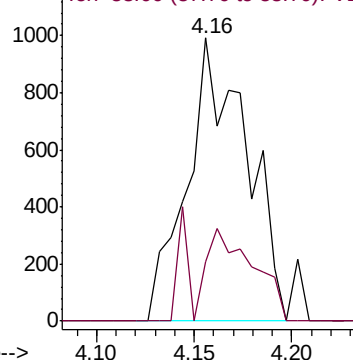
43 100

58 21.2 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: 2.972 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067776.D

Acq: 24 Nov 2020 18:58

Tgt Ion: 84 Resp: 14079

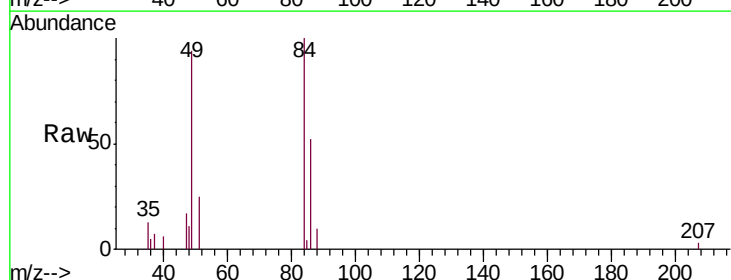
Ion Ratio Lower Upper

84 100

49 94.1 77.4 116.2

51 24.8 24.1 36.1

86 51.9 48.2 72.2

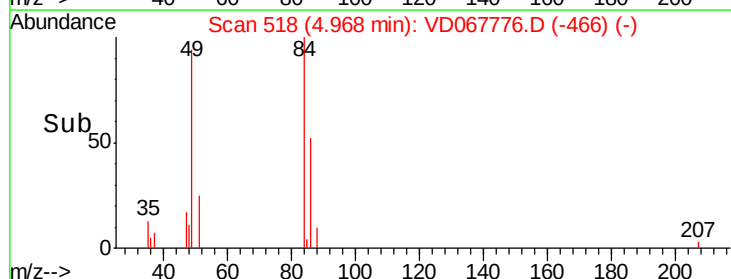
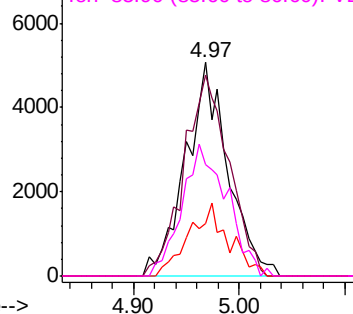


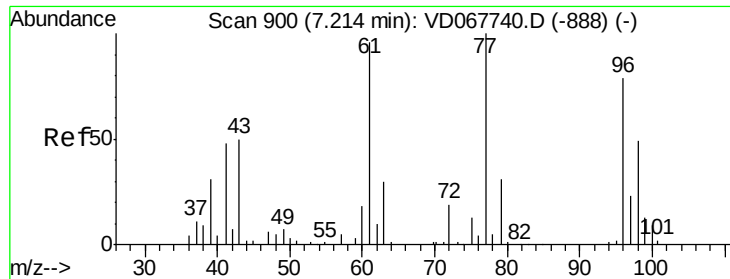
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

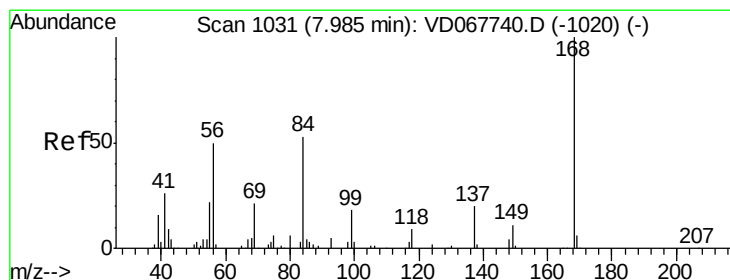
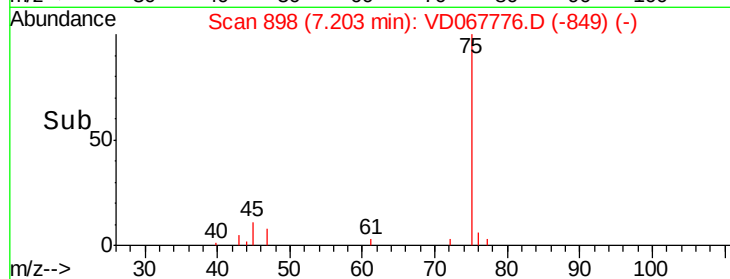
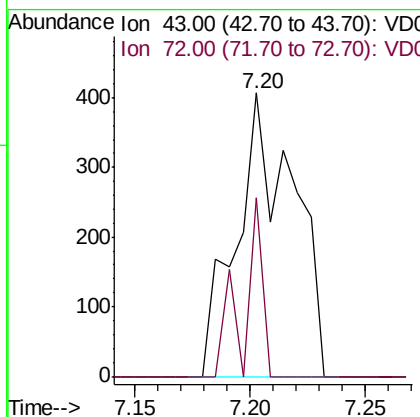
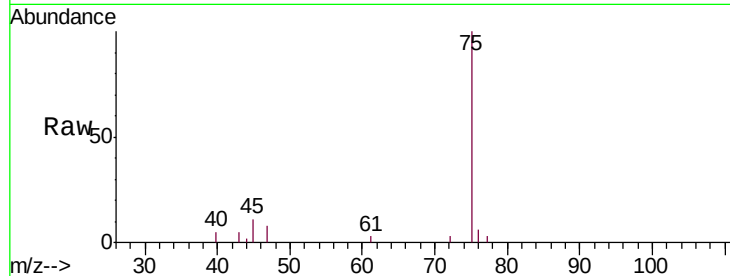




#25
 2-Butanone
 Concen: 3.266 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD067776.D
 Acq: 24 Nov 2020 18:58

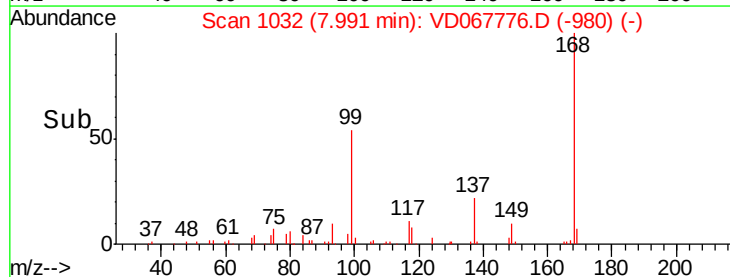
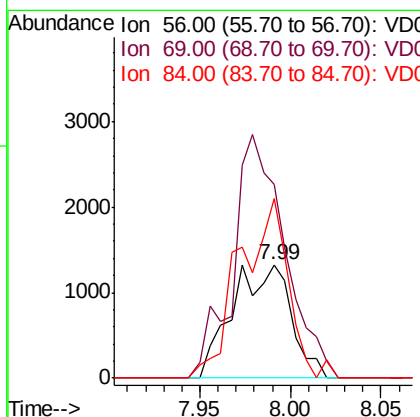
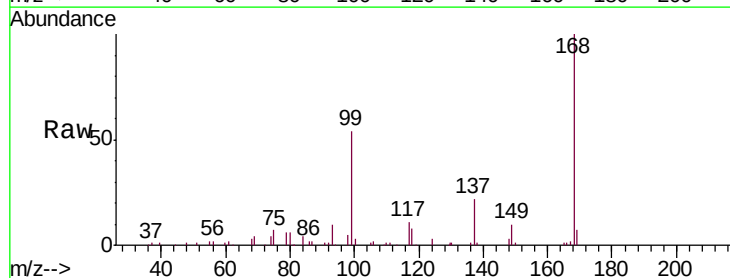
Instrument :
 MSVOA_D
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 BP-VPB178-GW-768-770

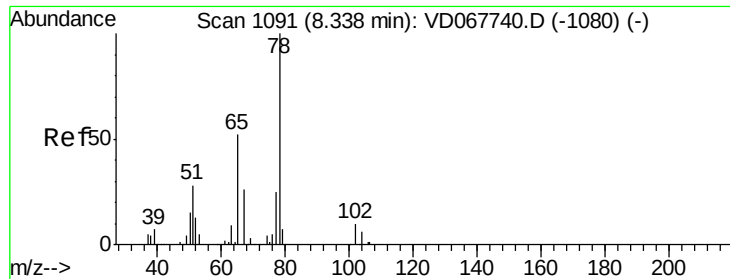
Tgt Ion: 43 Resp: 697
 Ion Ratio Lower Upper
 43 100
 72 63.1 30.8 46.2#



#31
 Cyclohexane
 Concen: 1.680 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: VD067776.D
 Acq: 24 Nov 2020 18:58

Tgt Ion: 56 Resp: 2993
 Ion Ratio Lower Upper
 56 100
 69 171.1 33.2 49.8#
 84 158.2 84.8 127.2#

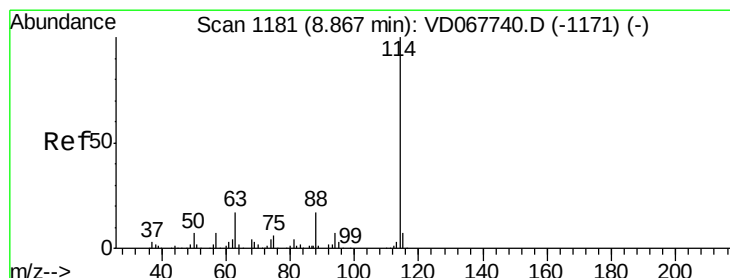
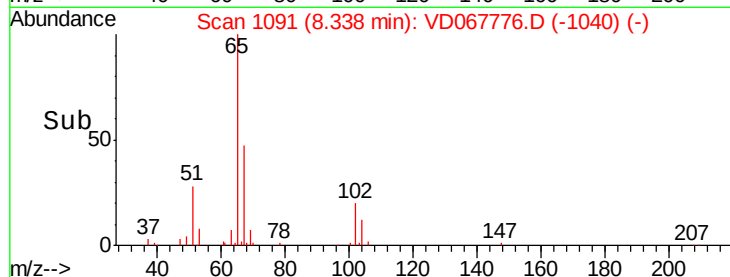
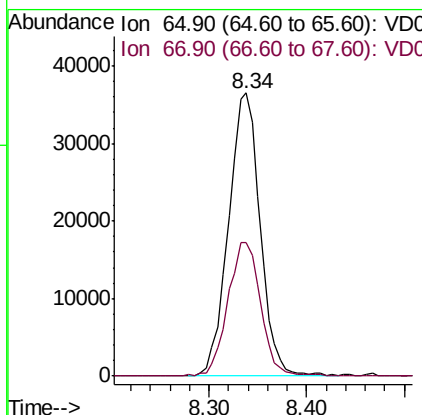
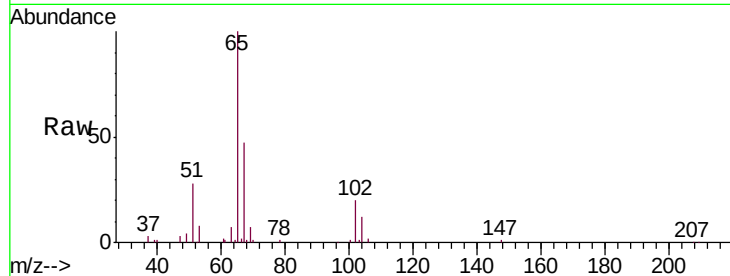




#33
 1,2-Dichloroethane-d4
 Concen: 55.853 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067776.D
 Acq: 24 Nov 2020 18:58

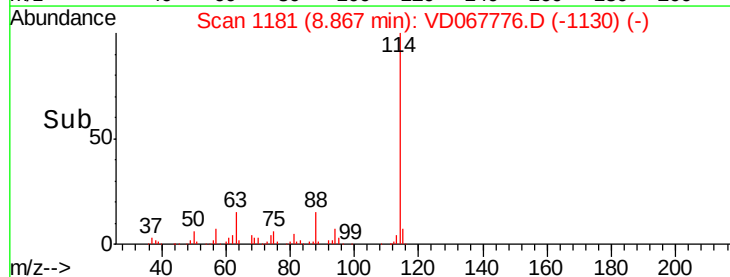
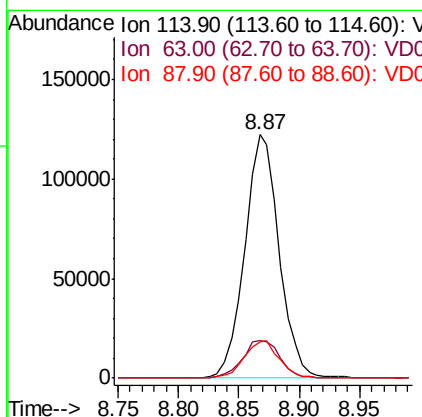
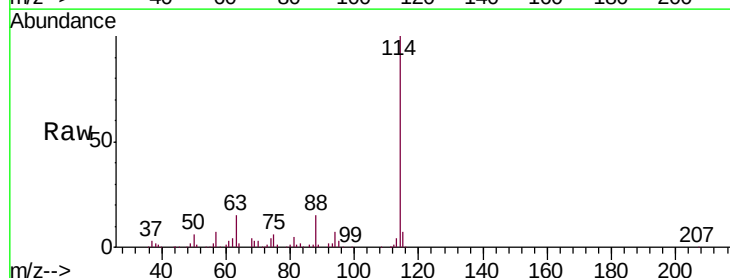
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-768-770

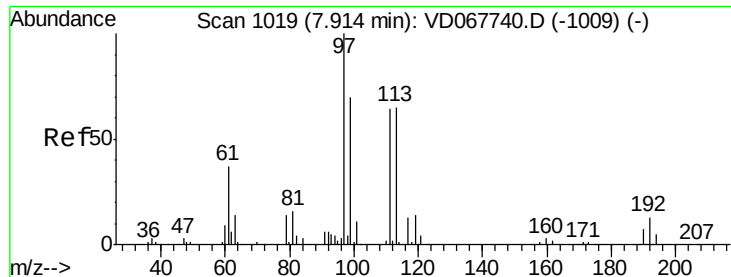
Tgt Ion: 65 Resp: 82220
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067776.D
 Acq: 24 Nov 2020 18:58

Tgt Ion: 114 Resp: 241974
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 34.8
 88 14.8 0.0 34.4

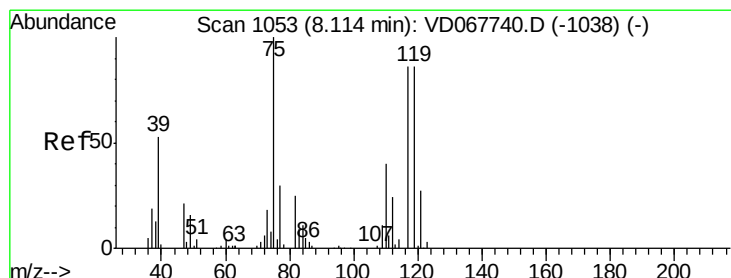
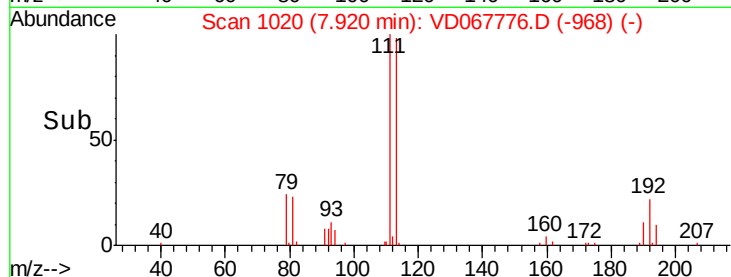
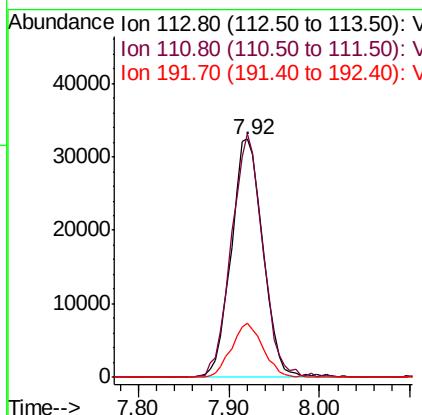
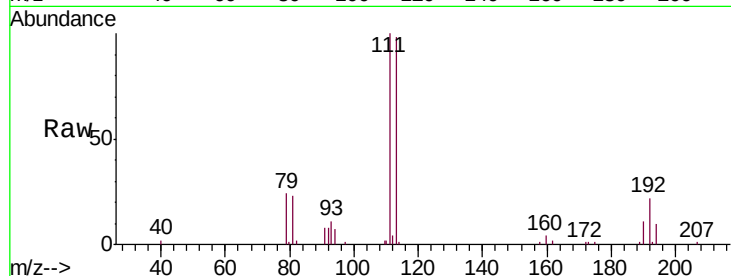




#35
Dibromofluoromethane
Concen: 51.246 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067776.D
Acq: 24 Nov 2020 18:58

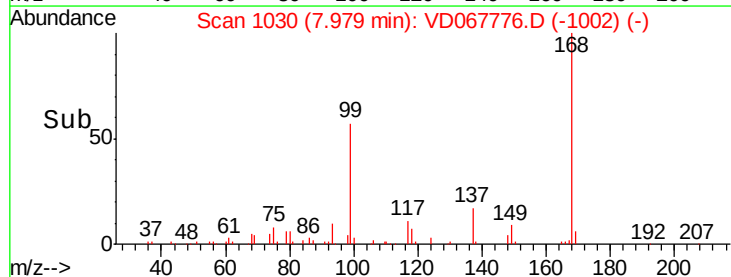
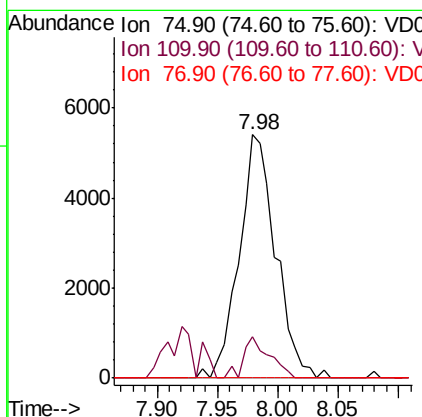
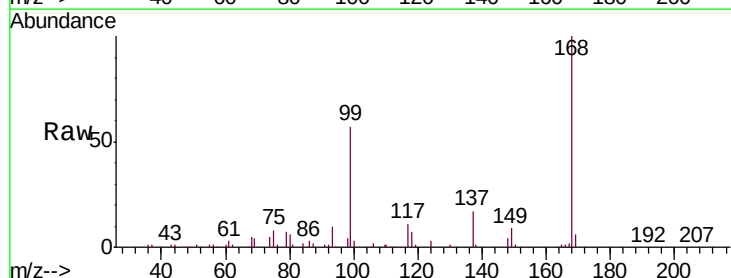
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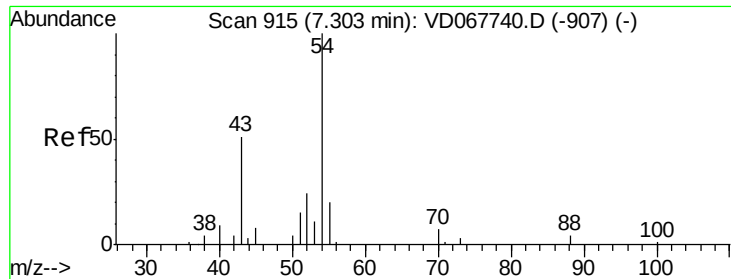
Tgt Ion: 113 Resp: 78915
Ion Ratio Lower Upper
113 100
111 100.5 81.4 122.0
192 22.4 17.0 25.4



#36
1,1-Dichloropropene
Concen: 5.484 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD067776.D
Acq: 24 Nov 2020 18:58

Tgt Ion: 75 Resp: 11387
Ion Ratio Lower Upper
75 100
110 12.2 20.1 60.2#
77 0.0 24.8 37.2#

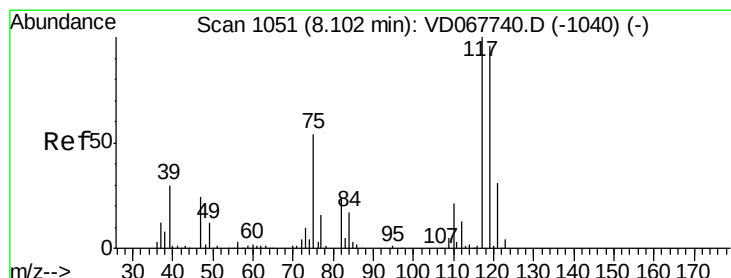
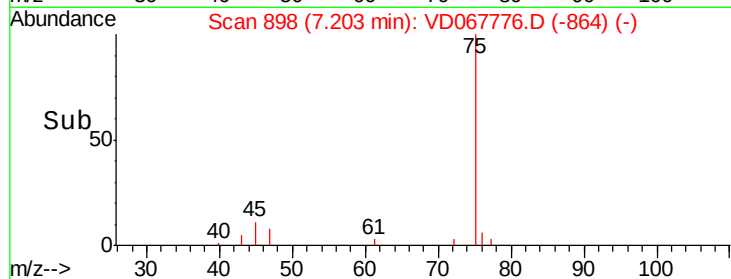
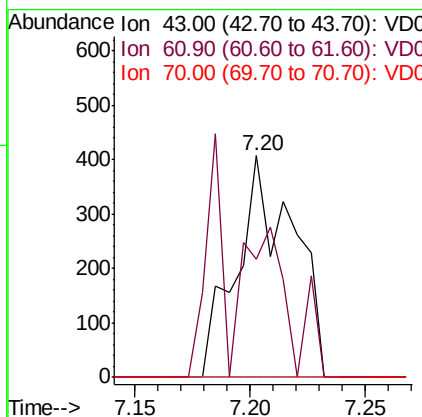
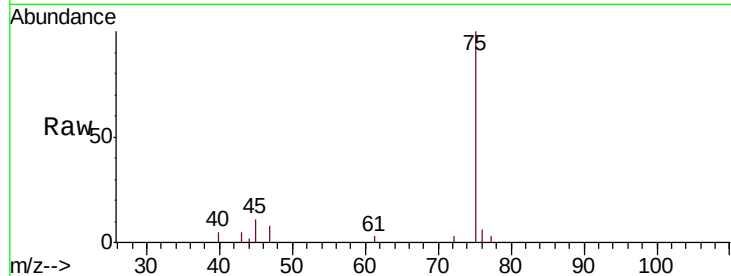




#37
 Ethyl Acetate
 Concen: 1.248 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.10 min
 Lab File: VD067776.D
 Acq: 24 Nov 2020 18:58

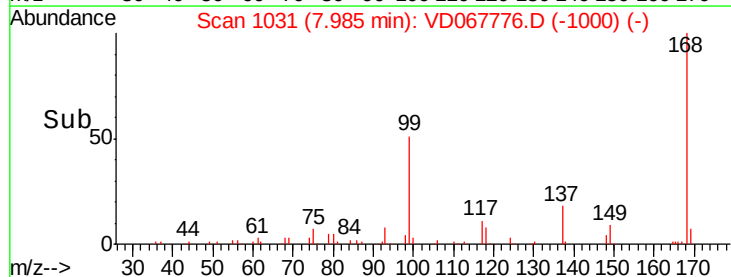
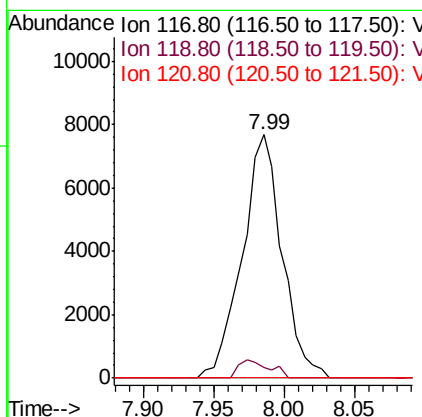
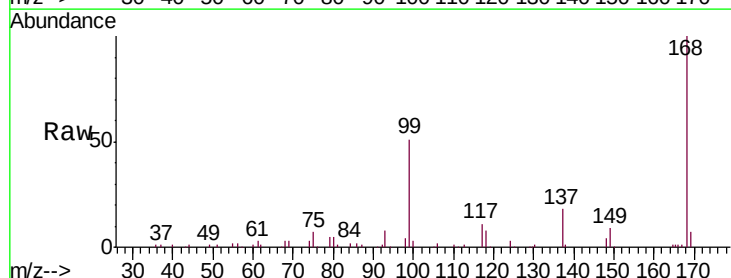
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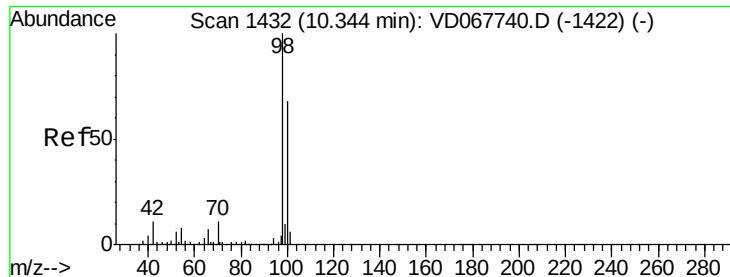
Tgt Ion: 43 Resp: 697
 Ion Ratio Lower Upper
 43 100
 61 56.1 12.9 19.3#
 70 0.0 12.2 18.2#



#38
 Carbon Tetrachloride
 Concen: 5.050 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD067776.D
 Acq: 24 Nov 2020 18:58

Tgt Ion: 117 Resp: 15201
 Ion Ratio Lower Upper
 117 100
 119 4.2 76.6 115.0#
 121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 43.424 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067776.D

Acq: 24 Nov 2020 18:58

Instrument :

MSVOA_D

ClientSampleId :

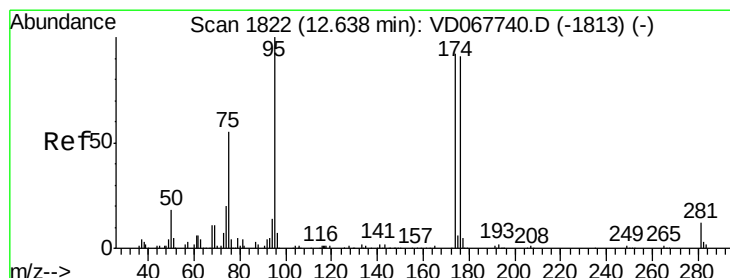
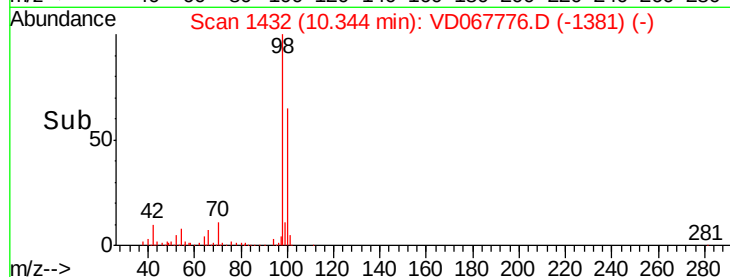
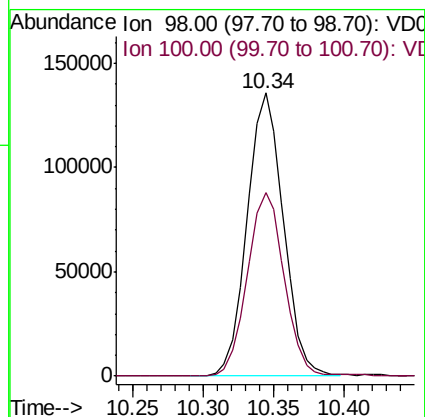
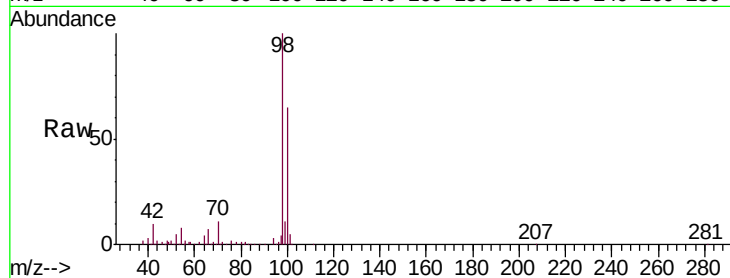
BP-VPB178-GW-768-770

Tgt Ion: 98 Resp: 244478

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 33.302 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067776.D

Acq: 24 Nov 2020 18:58

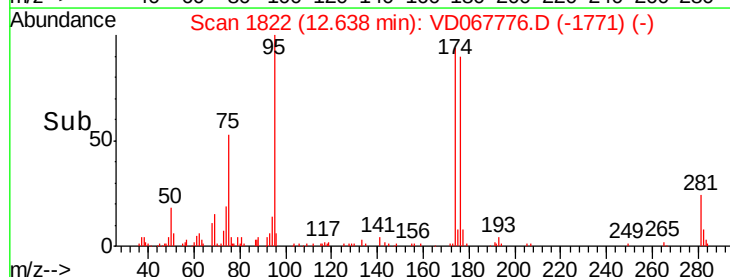
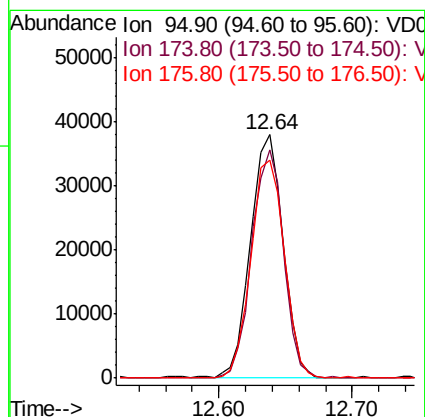
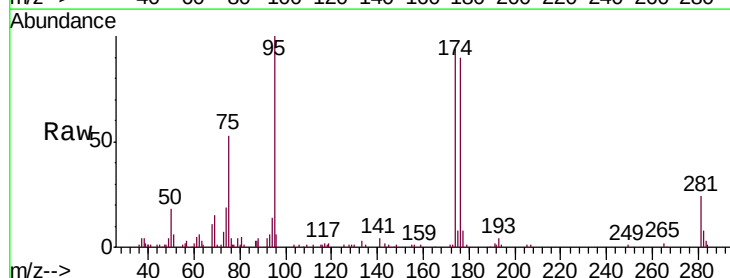
Tgt Ion: 95 Resp: 64086

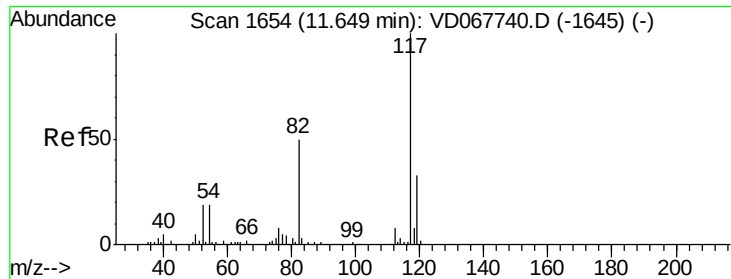
Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.4

176 91.5 0.0 178.2

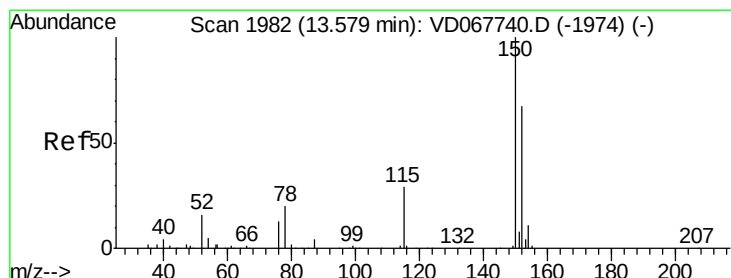
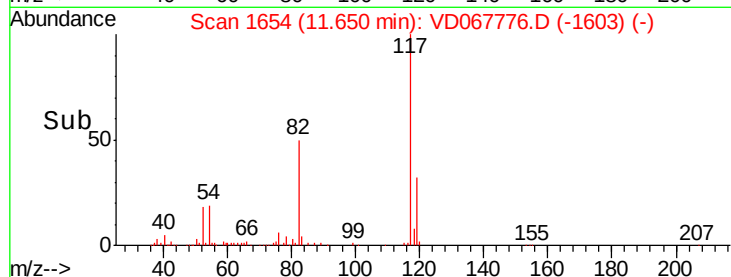
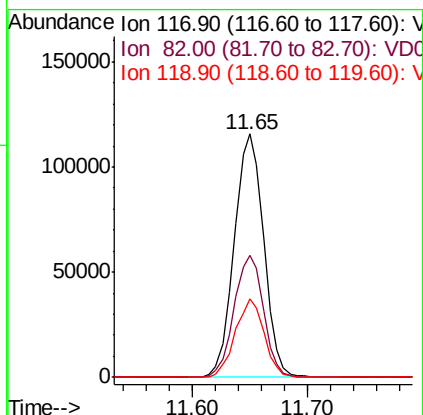
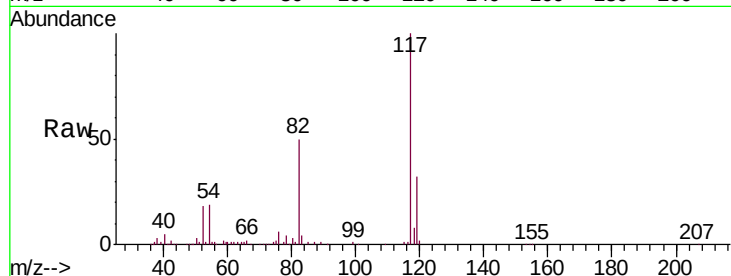




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067776.D
Acq: 24 Nov 2020 18:58

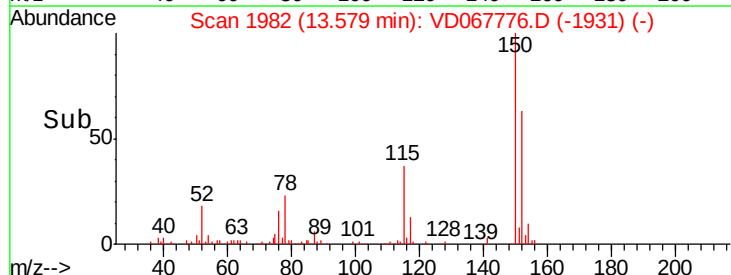
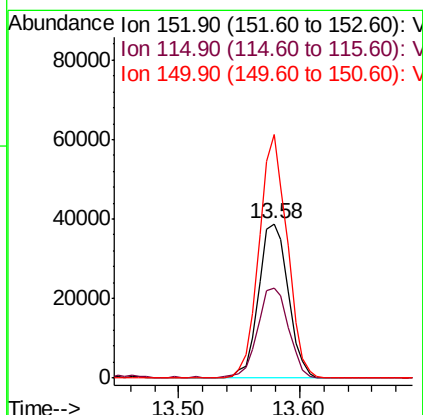
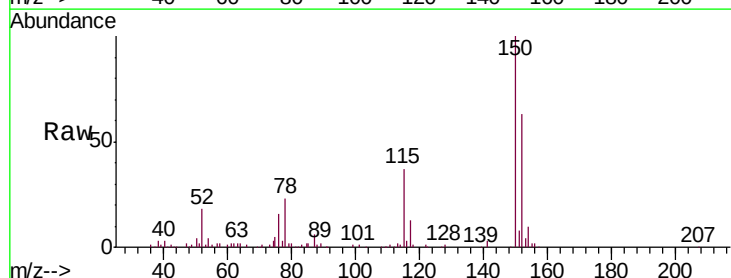
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-768-770

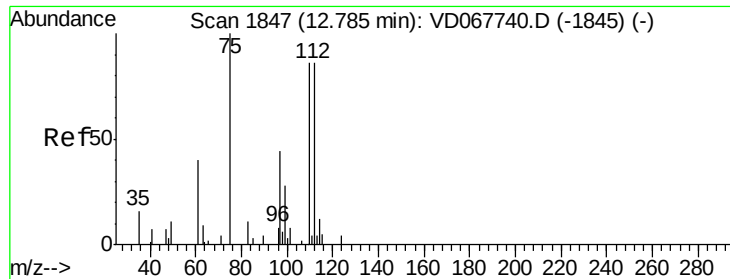
Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.9	40.2	60.4
119	32.5	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067776.D
Acq: 24 Nov 2020 18:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	29.4	88.3
150	149.1	0.0	340.6

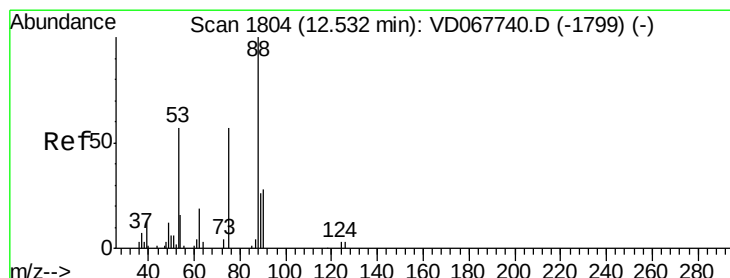
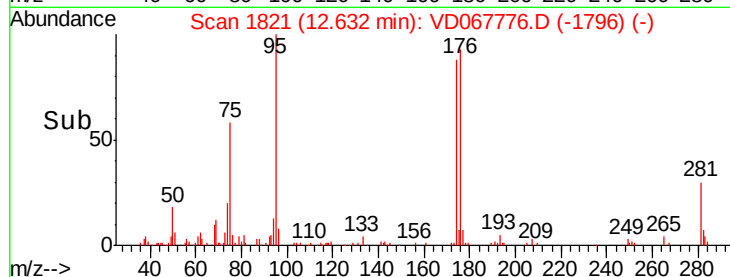
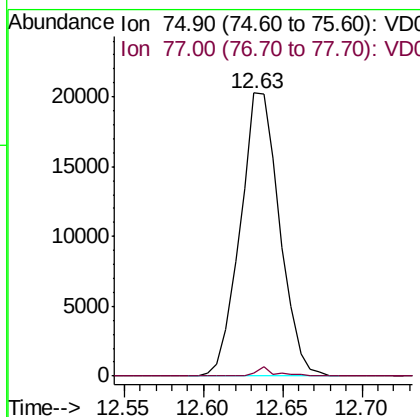
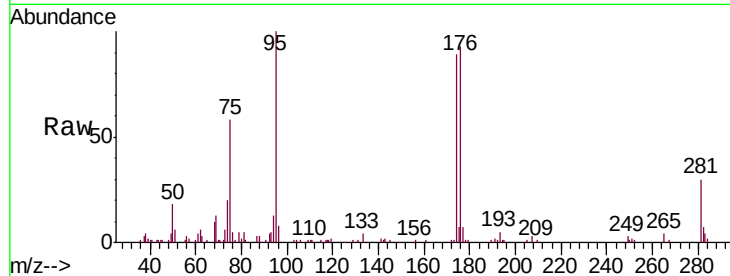




#76
 1,2,3-Trichloropropane
 Concen: 75.697 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD067776.D
 Acq: 24 Nov 2020 18:58

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-768-770

Tgt Ion: 75 Resp: 34871
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 177.050 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD067776.D
 Acq: 24 Nov 2020 18:58

Tgt Ion: 75 Resp: 34871
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.0 114.0#
 89 0.4 40.2 60.4#

