

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120220\
 Data File : VD067841.D
 Acq On : 02 Dec 2020 17:48
 Operator : VA/SY
 Sample : L4882-07
 Misc : 6.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B48-112320-15.5-16.5

Quant Time: Dec 03 01:55:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	244122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	351207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	301213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	122015	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	125314	47.82	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.64%
35) Dibromofluoromethane	7.92	113	107117	45.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.16%
50) Toluene-d8	10.34	98	396589	46.88	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.76%
62) 4-Bromofluorobenzene	12.64	95	117968	40.33	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.66%

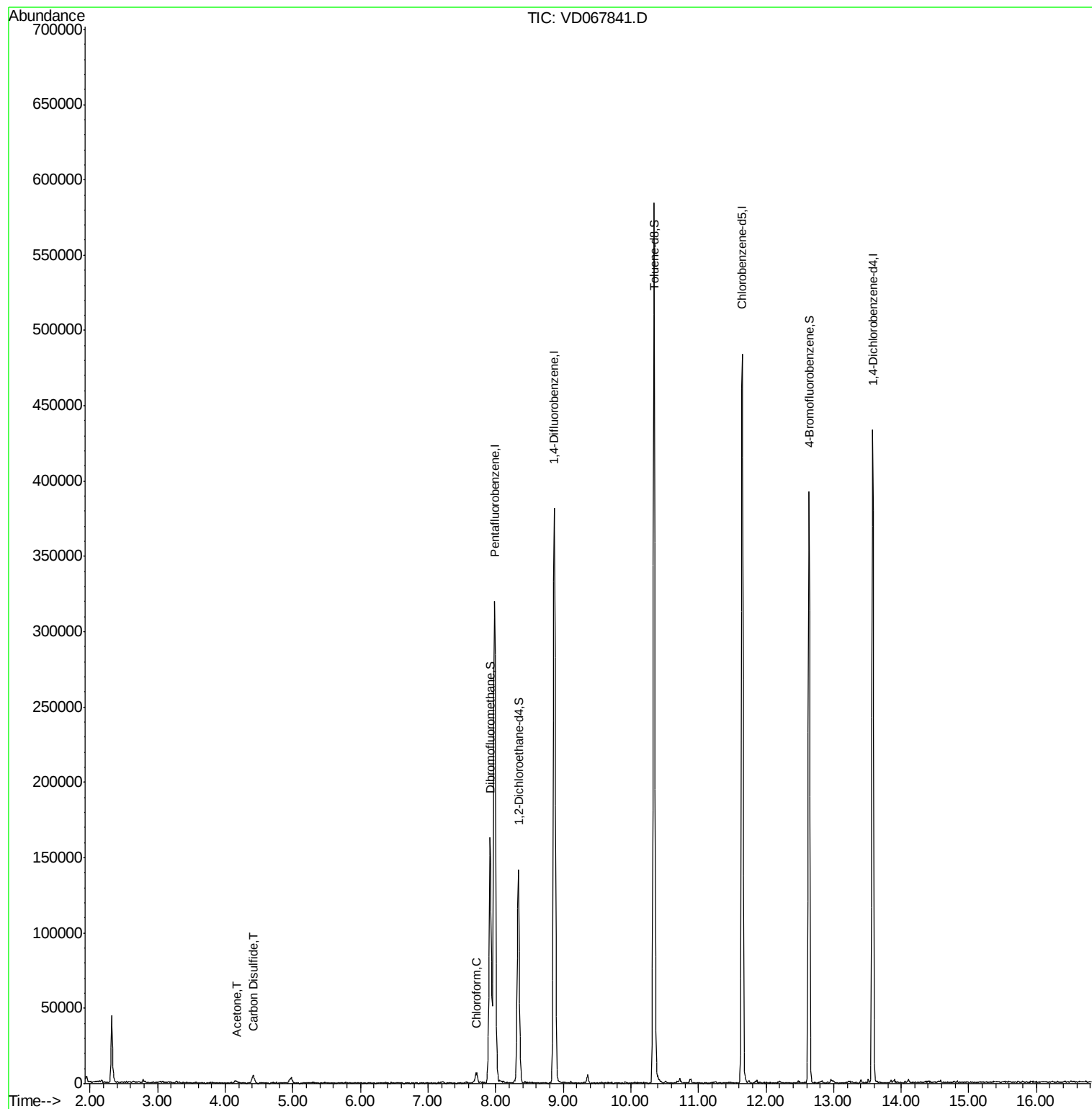
Target Compounds					Qvalue	
16) Acetone	4.17	43	2759	8.520	ug/l	99
17) Carbon Disulfide	4.42	76	10101	1.788	ug/l #	94
30) Chloroform	7.72	83	5542	1.257	ug/l #	76

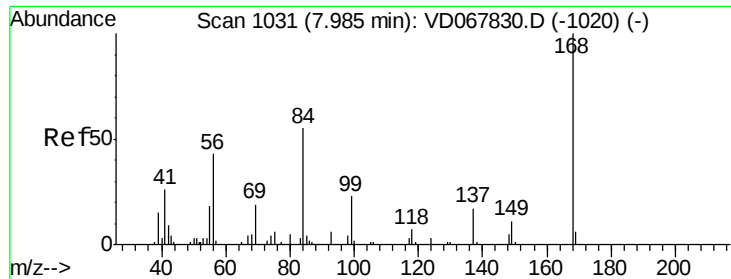
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120220\
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Quant Title : SW846 8260
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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: VD067841.D

Acq: 02 Dec 2020 17:48

Instrument :

MSVOA_D

ClientSampleId :

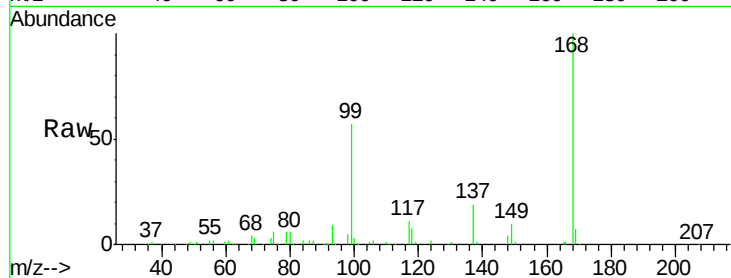
PAV-B48-112320-15.5-16.5

Tot Ion:168 Resp: 244122

Ion Ratio Lower Upper

168 100

99 56.7 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

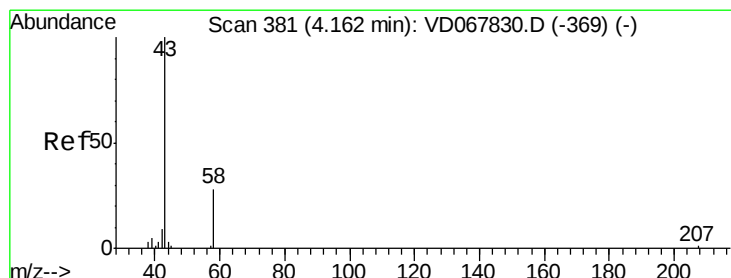
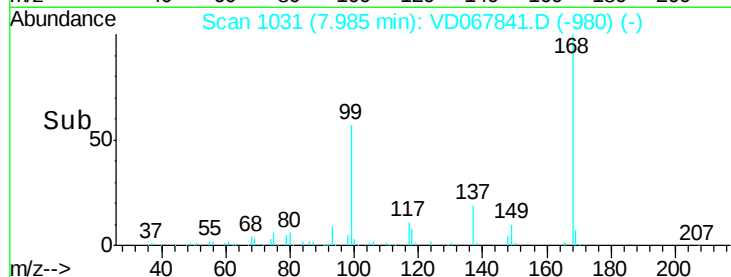
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.520 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067841.D

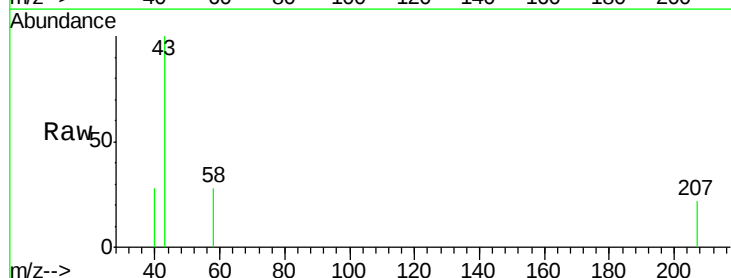
Acq: 02 Dec 2020 17:48

Tgt Ion: 43 Resp: 2759

Ion Ratio Lower Upper

43 100

58 27.9 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

1200

1000

800

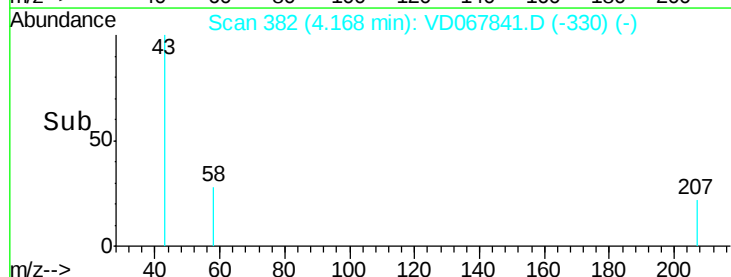
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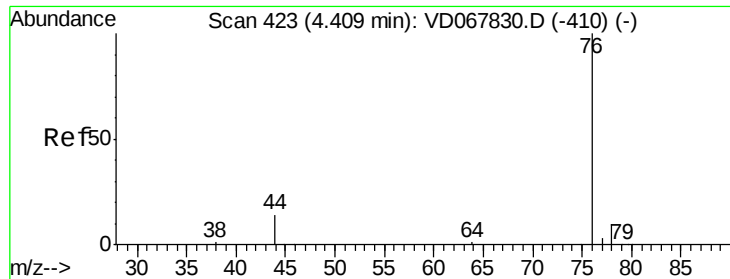
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200

0

Time-->

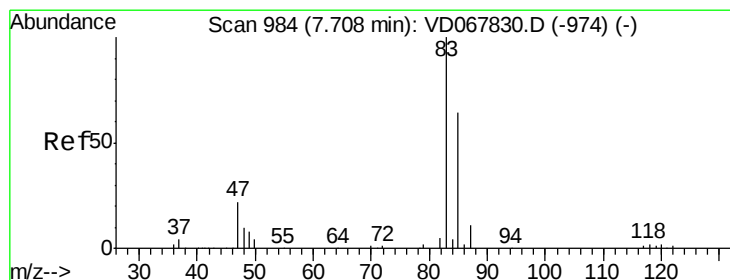
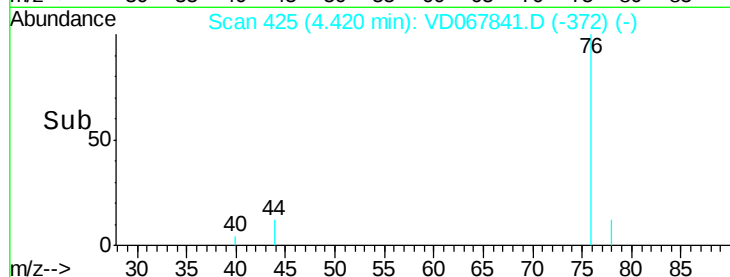
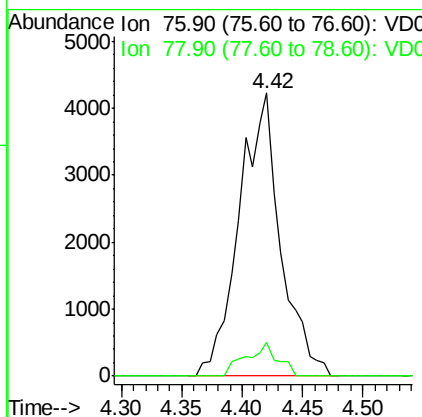
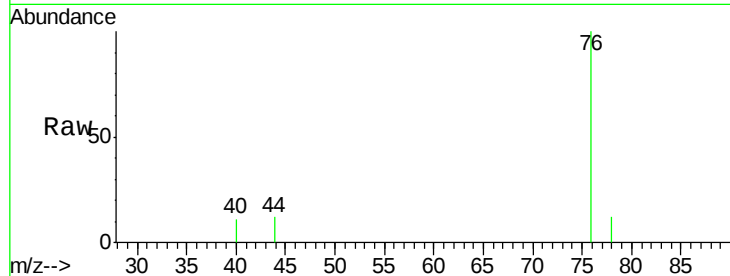




#17
Carbon Disulfide
Concen: 1.788 ug/l
RT: 4.42 min Scan# 425
Delta R.T. 0.01 min
Lab File: VD067841.D
Acq: 02 Dec 2020 17:48

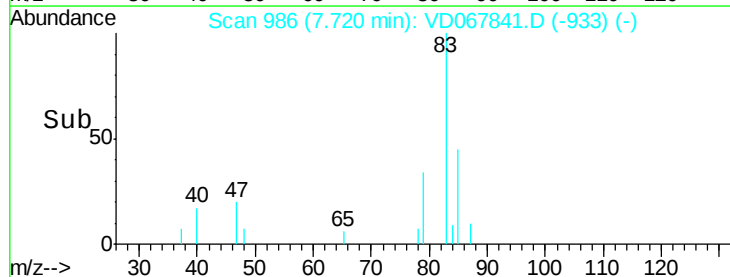
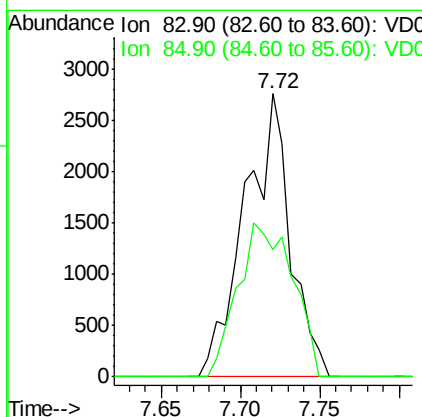
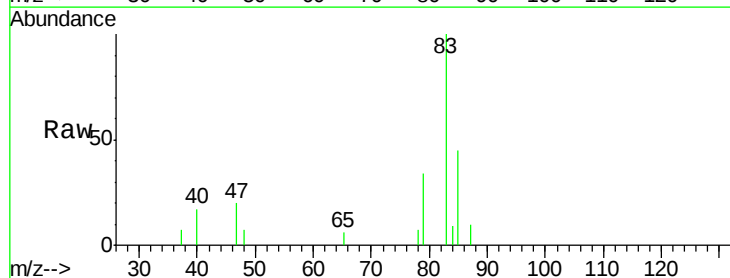
Instrument :
MSVOA_D
ClientSampleId :
PAV-B48-112320-15.5-16.5

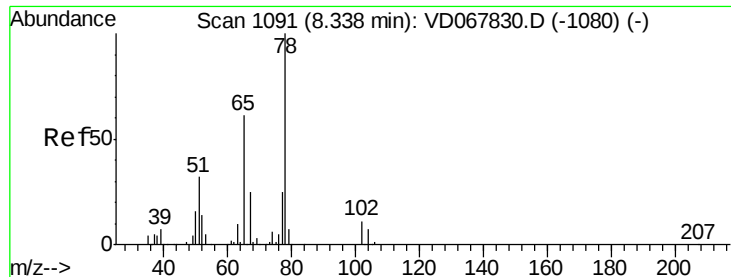
Tot Ion: 76 Resp: 10101
Ion Ratio Lower Upper
76 100
78 11.8 7.8 11.6#



#30
Chloroform
Concen: 1.257 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD067841.D
Acq: 02 Dec 2020 17:48

Tgt Ion: 83 Resp: 5542
Ion Ratio Lower Upper
83 100
85 44.8 51.0 76.4#

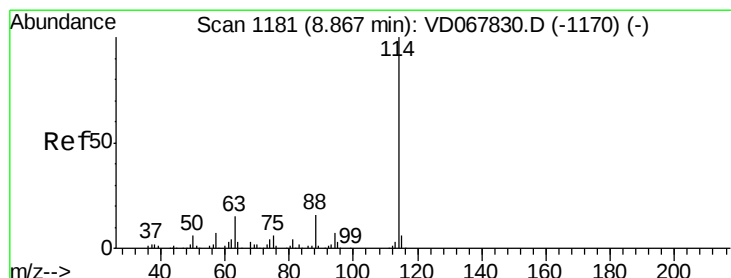
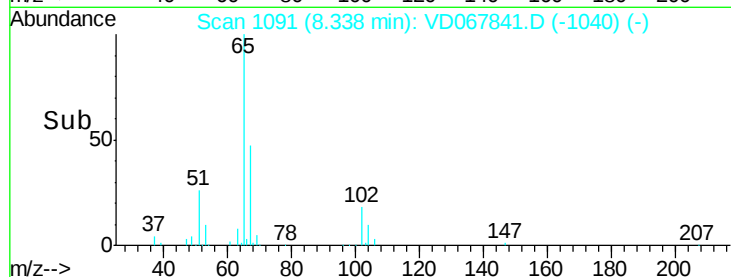
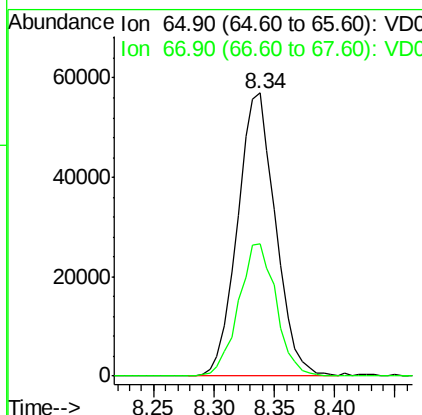
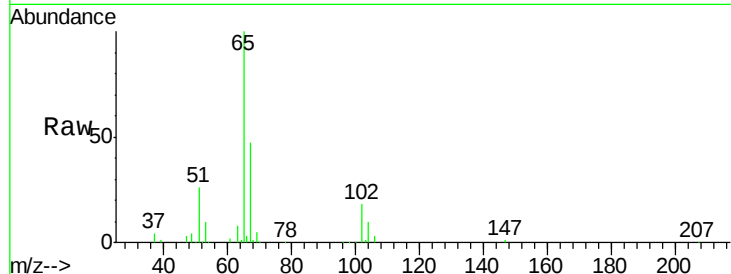




#33
 1,2-Dichloroethane-d4
 Concen: 47.816 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067841.D
 Acq: 02 Dec 2020 17:48

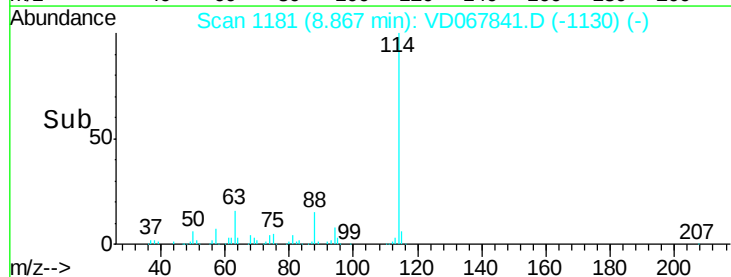
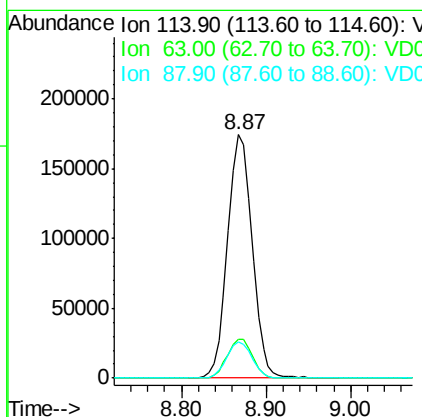
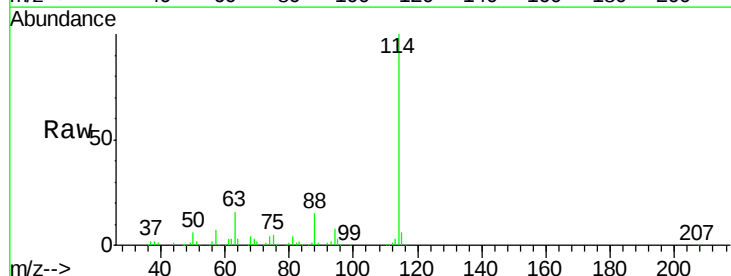
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B48-112320-15.5-16.5

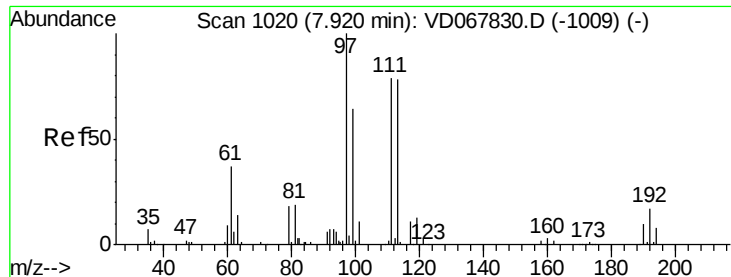
Tot Ion: 65 Resp: 125314
 Ion Ratio Lower Upper
 65 100
 67 46.3 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067841.D
 Acq: 02 Dec 2020 17:48

Tgt Ion: 114 Resp: 351207
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 30.8
 88 15.0 0.0 31.8

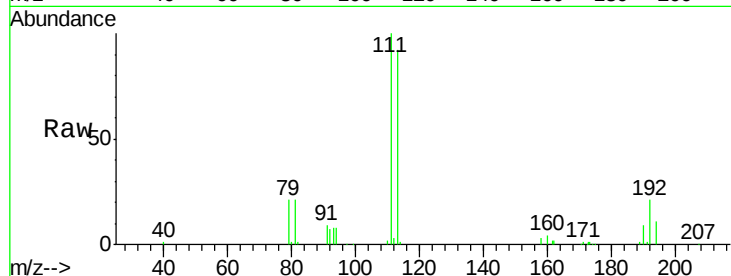




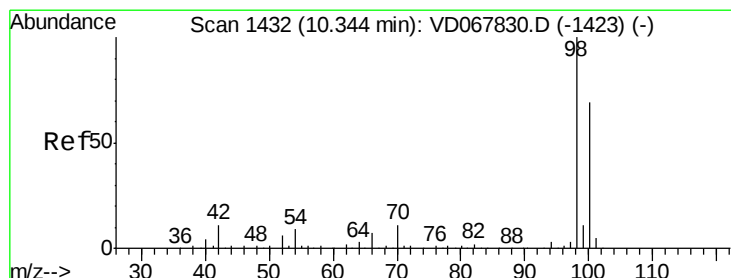
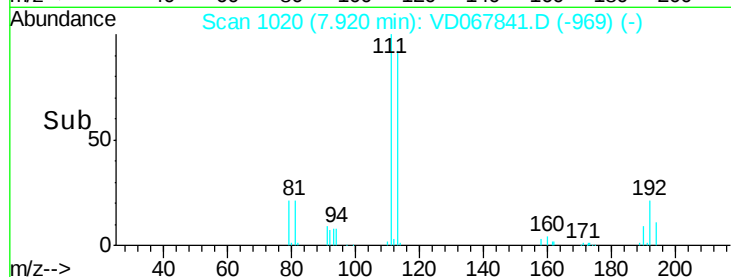
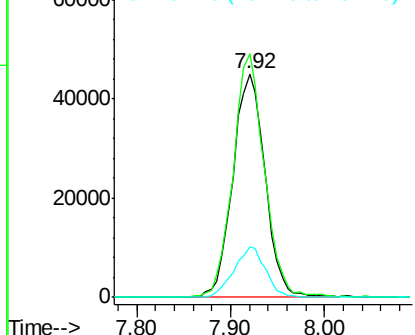
#35
Dibromofluoromethane
Concen: 45.580 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD067841.D
Acq: 02 Dec 2020 17:48

Instrument :
MSVOA_D
ClientSampleId :
PAV-B48-112320-15.5-16.5

Tot Ion:113 Resp: 107117
Ion Ratio Lower Upper
113 100
111 105.8 81.2 121.8
192 21.9 16.8 25.2

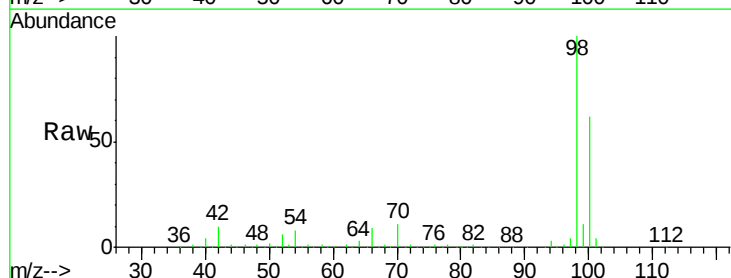


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

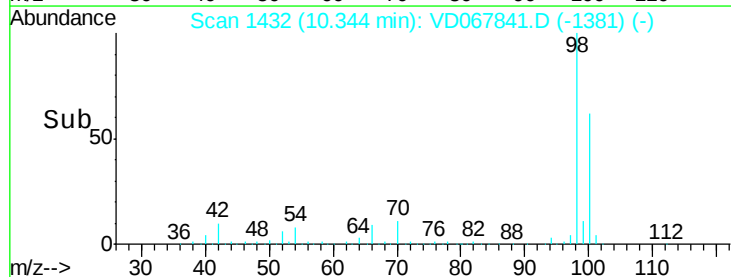
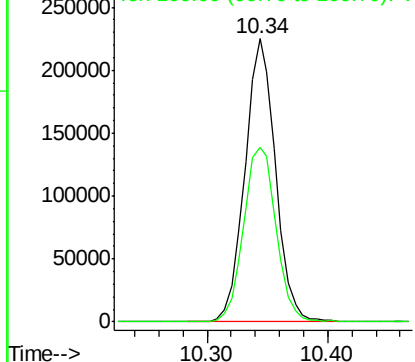


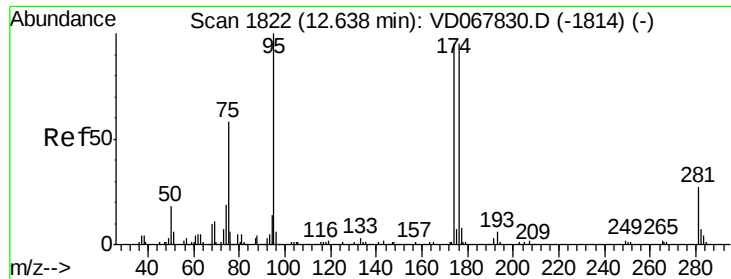
#50
Toluene-d8
Concen: 46.879 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067841.D
Acq: 02 Dec 2020 17:48

Tgt Ion: 98 Resp: 396589
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3



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

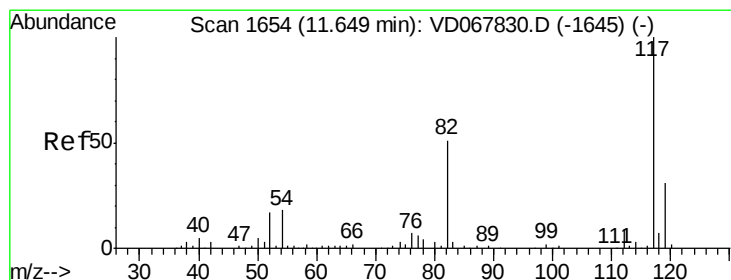
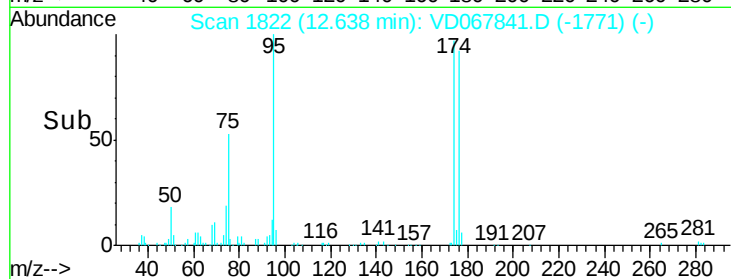
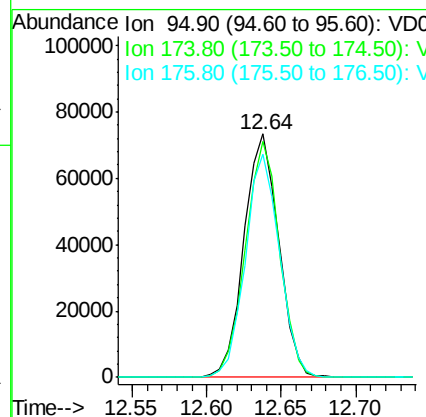
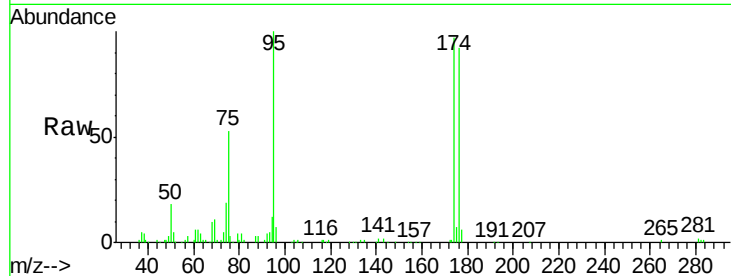




#62
4-Bromofluorobenzene
Concen: 40.334 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067841.D
Acq: 02 Dec 2020 17:48

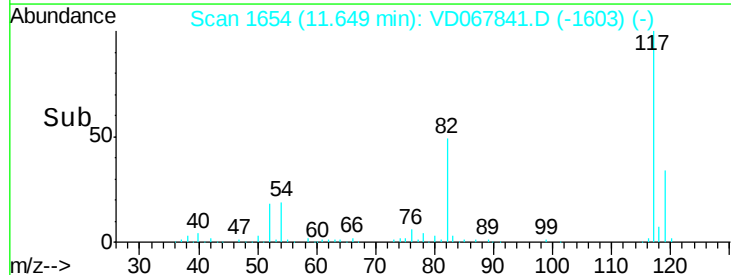
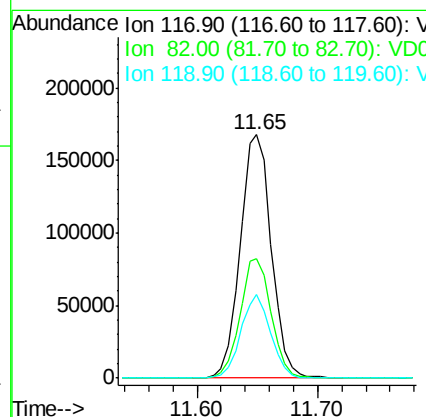
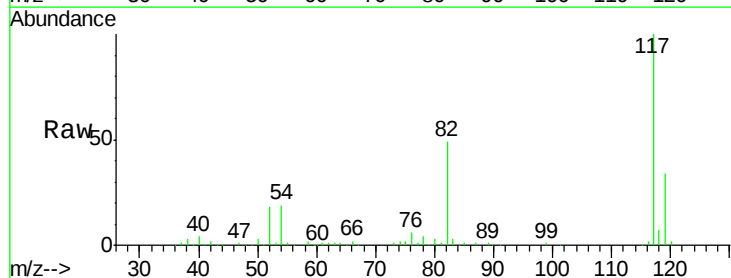
Instrument :
MSVOA_D
ClientSampleId :
PAV-B48-112320-15.5-16.5

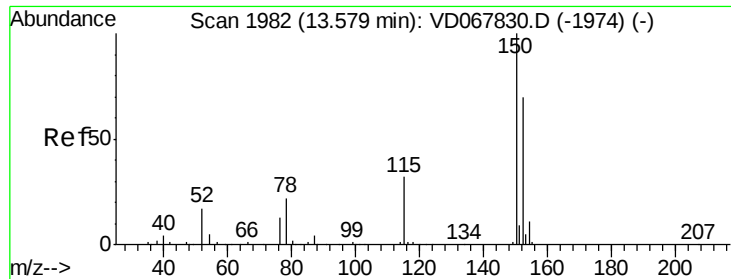
Tot Ion: 95 Resp: 117968
Ion Ratio Lower Upper
95 100
174 95.5 0.0 186.0
176 90.3 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067841.D
Acq: 02 Dec 2020 17:48

Tgt Ion: 117 Resp: 301213
Ion Ratio Lower Upper
117 100
82 49.1 40.6 60.8
119 34.2 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067841.D

Acq: 02 Dec 2020 17:48

Instrument :

MSVOA_D

ClientSampleId :

PAV-B48-112320-15.5-16.5

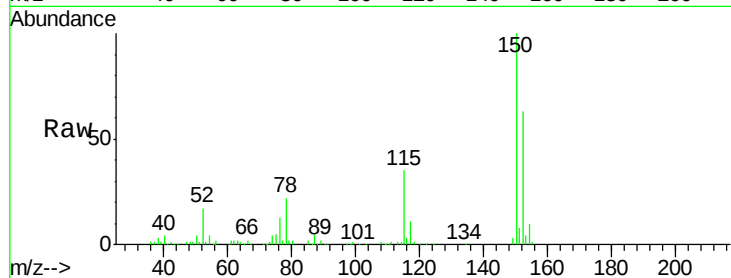
Tot Ion:152 Resp: 122015

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.4

150 158.7 0.0 339.0



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

