

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120220\
 Data File : VD067844.D
 Acq On : 02 Dec 2020 19:08
 Operator : VA/SY
 Sample : L4906-01
 Misc : 6.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 4-DRUM

Quant Time: Dec 03 02:34:11 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	254180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	368118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	325163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	157286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	129792	47.57	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.14%
35) Dibromofluoromethane	7.92	113	113051	45.90	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.80%
50) Toluene-d8	10.34	98	407595	45.97	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.94%
62) 4-Bromofluorobenzene	12.64	95	135045	44.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.10%

Target Compounds

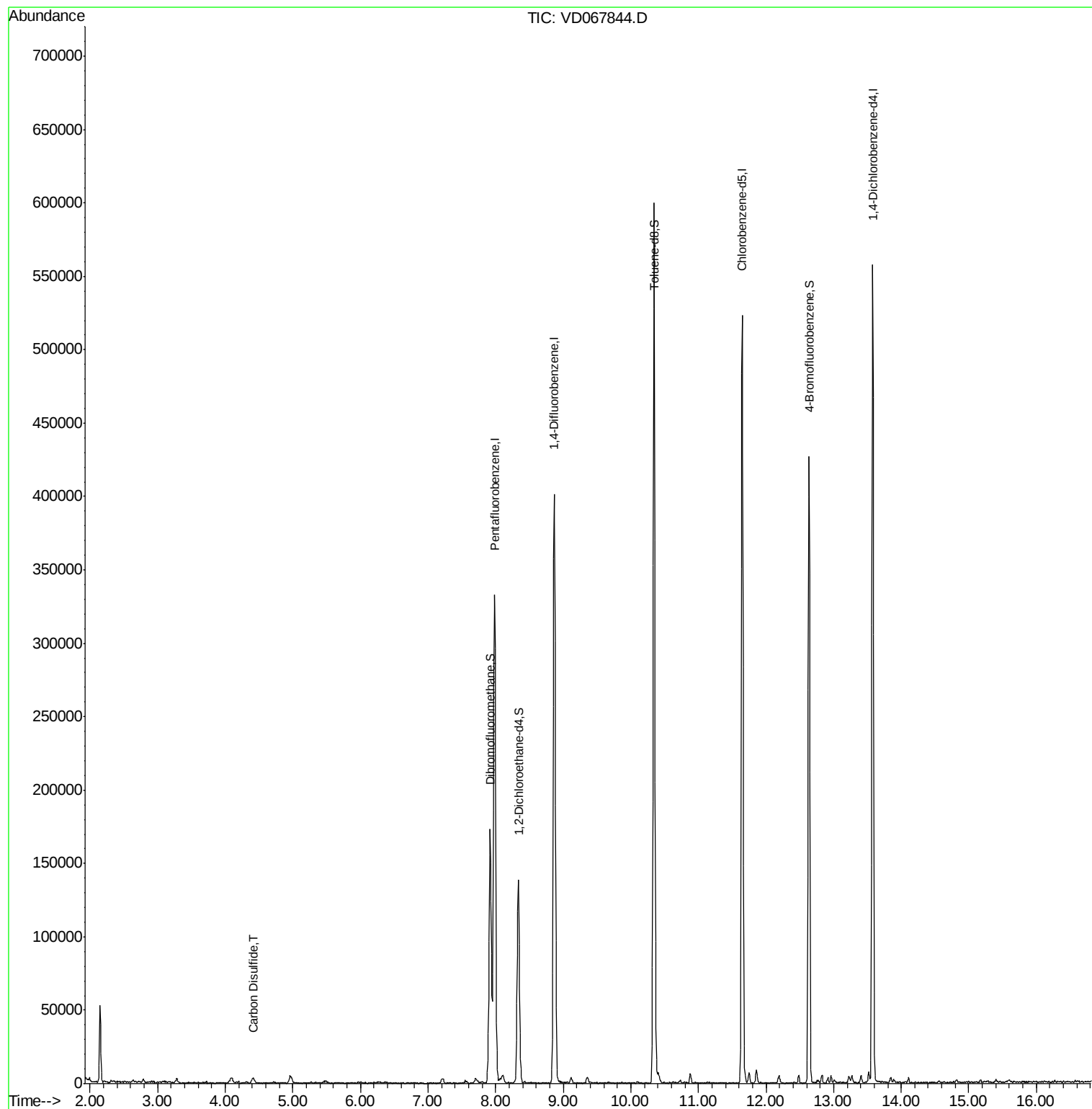
	R.T.	QIon	Response	Conc	Units	Qvalue
17) Carbon Disulfide	4.41	76	7435	1.264	ug/l #	79

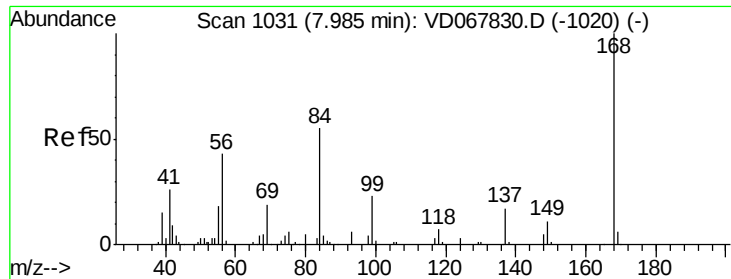
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067844.D

Acq: 02 Dec 2020 19:08

Instrument :

MSVOA_D

ClientSampleId :

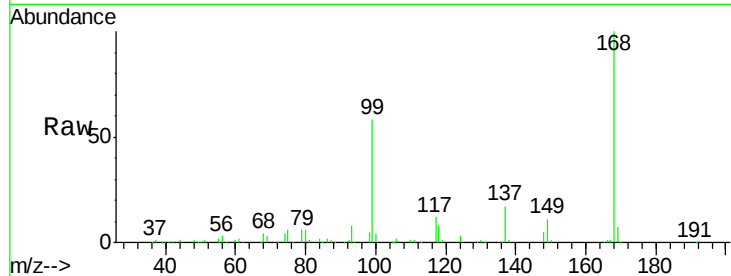
4-DRUM

Tot Ion:168 Resp: 254180

Ion Ratio Lower Upper

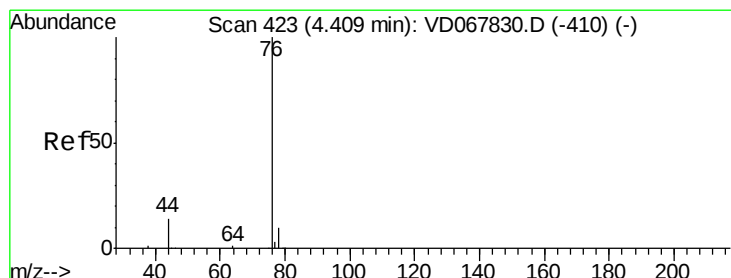
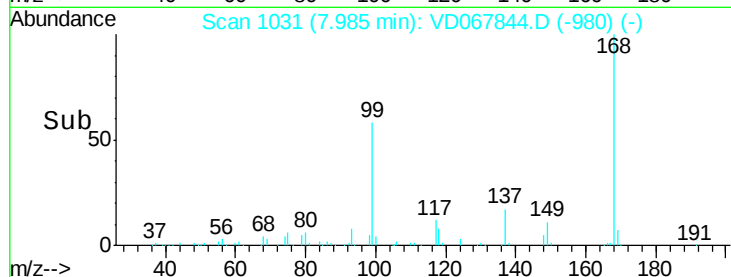
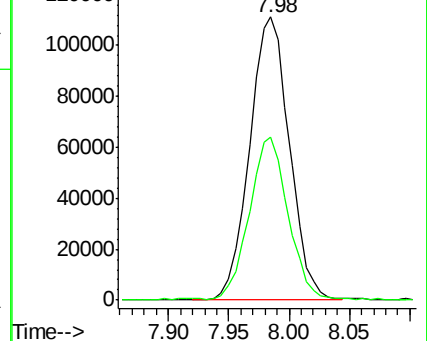
168 100

99 57.3 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#17

Carbon Disulfide

Concen: 1.264 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD067844.D

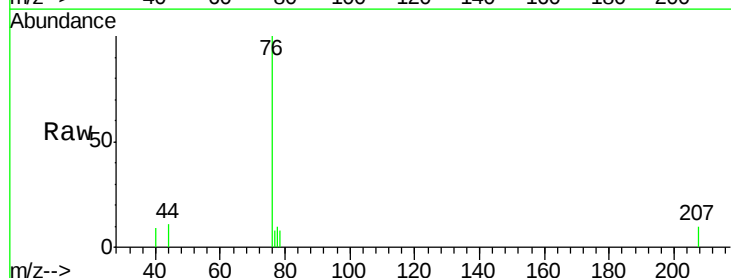
Acq: 02 Dec 2020 19:08

Tgt Ion: 76 Resp: 7435

Ion Ratio Lower Upper

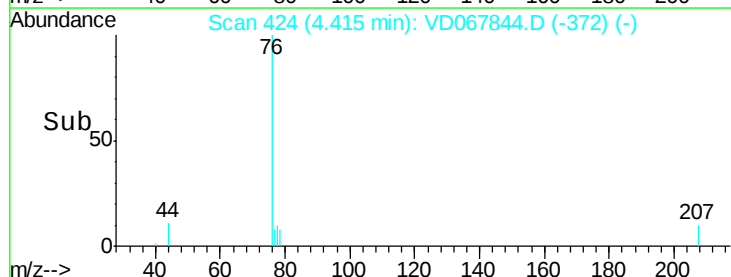
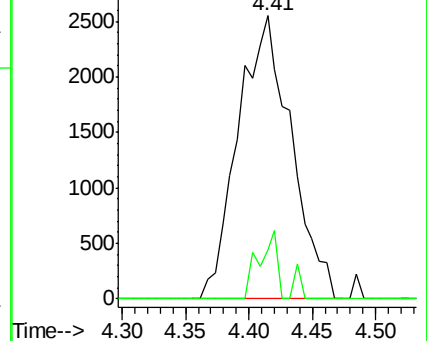
76 100

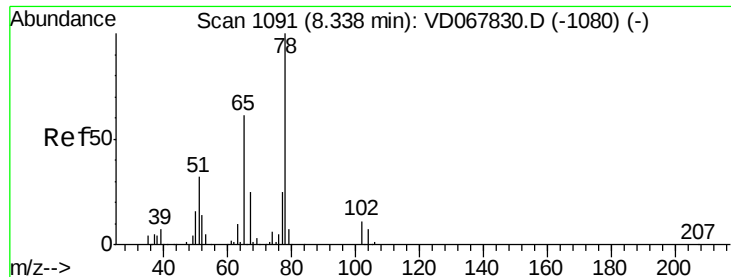
78 17.4 7.8 11.6#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

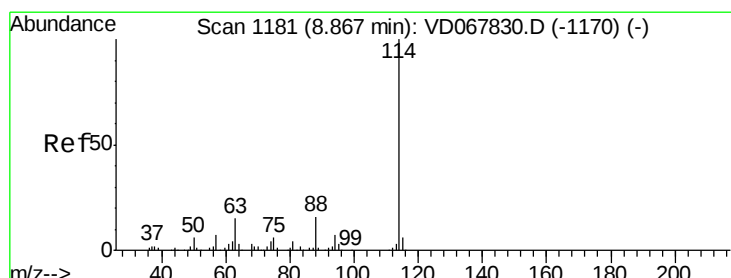
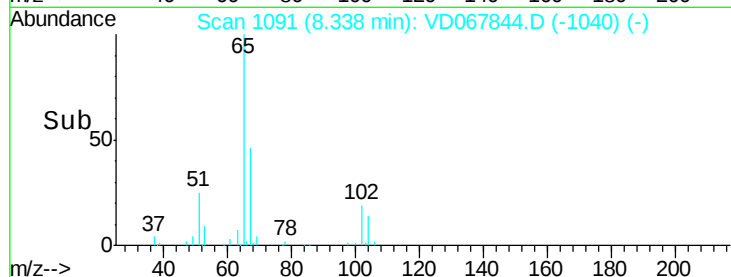
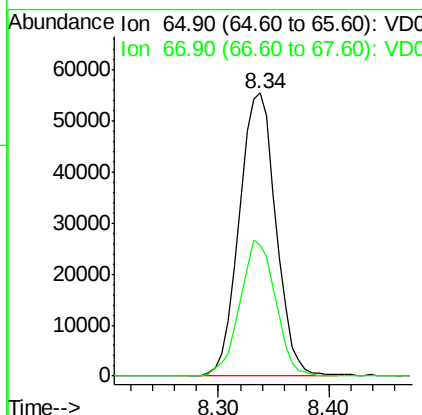
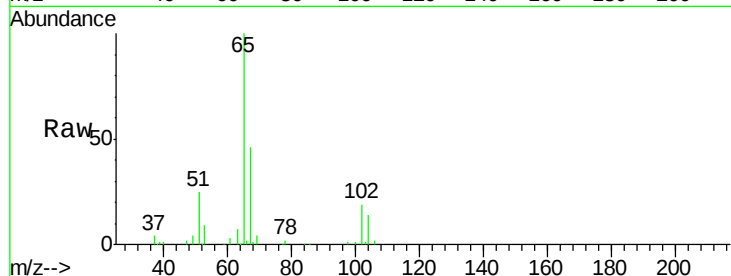




#33
 1,2-Dichloroethane-d4
 Concen: 47.565 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067844.D
 Acq: 02 Dec 2020 19:08

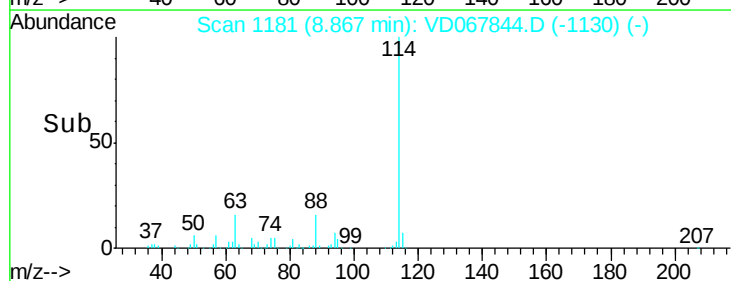
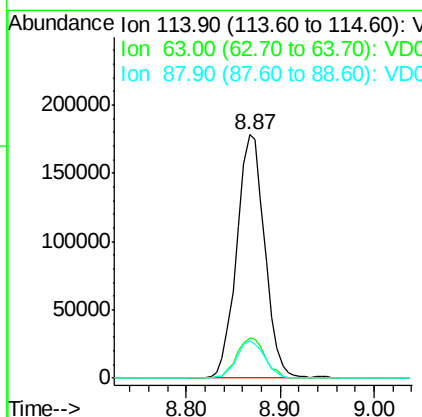
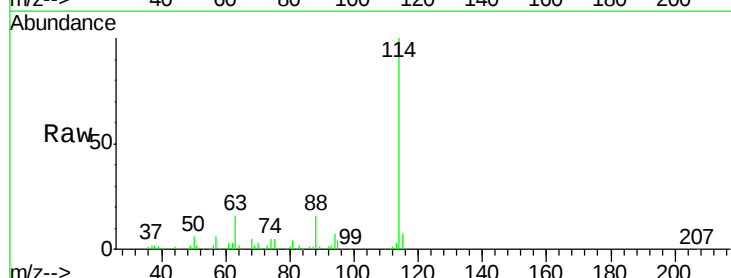
Instrument :
 MSVOA_D
 ClientSampleId :
 4-DRUM

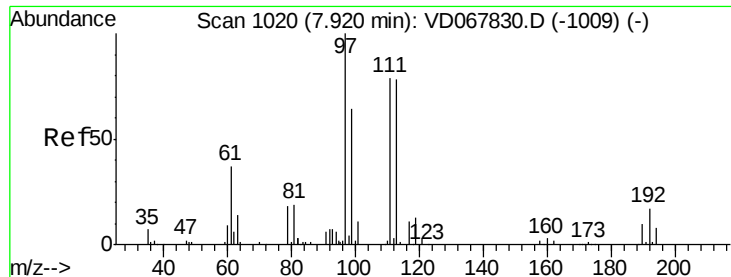
Tot Ion: 65 Resp: 129792
 Ion Ratio Lower Upper
 65 100
 67 46.7 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067844.D
 Acq: 02 Dec 2020 19:08

Tgt Ion: 114 Resp: 368118
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 30.8
 88 15.6 0.0 31.8

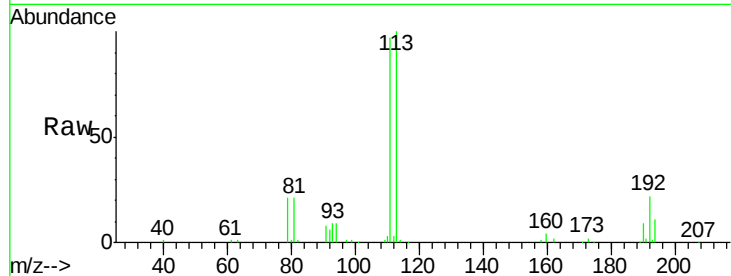




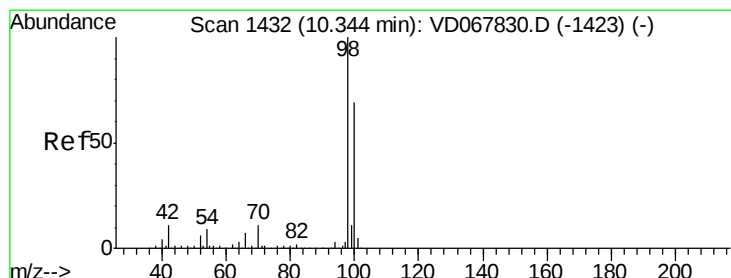
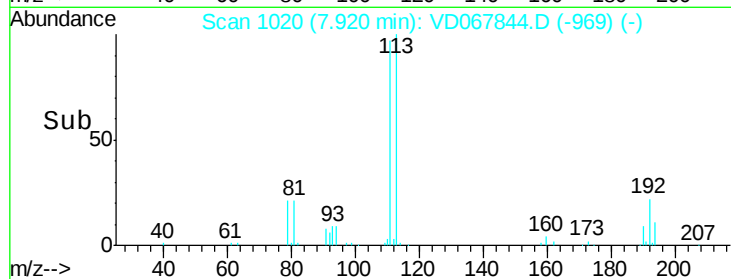
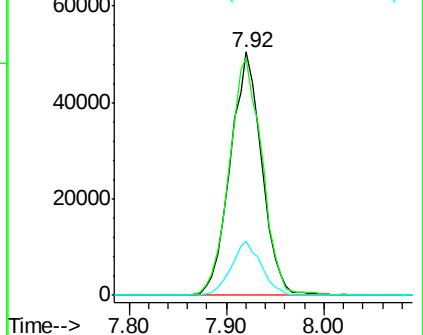
#35
 Dibromofluoromethane
 Concen: 45.895 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067844.D
 Acq: 02 Dec 2020 19:08

Instrument :
 MSVOA_D
 ClientSampleId :
 4-DRUM

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.2	121.8
192	21.4	16.8	25.2

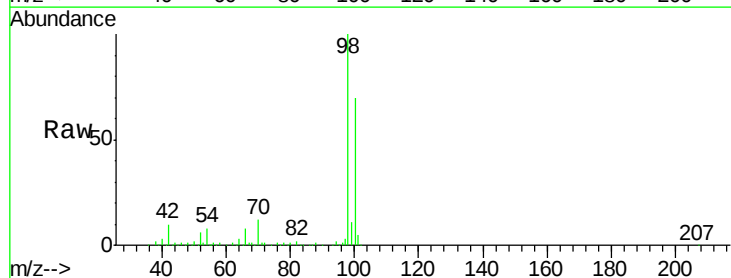


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

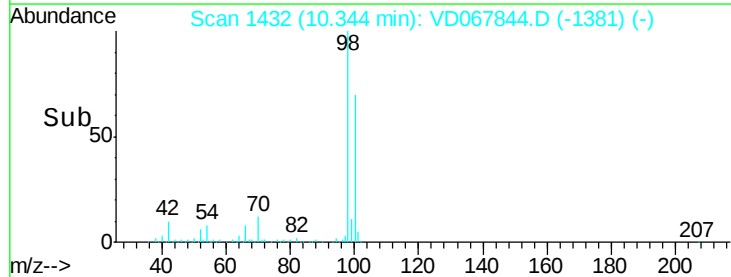
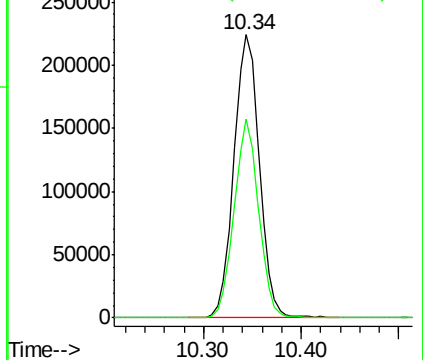


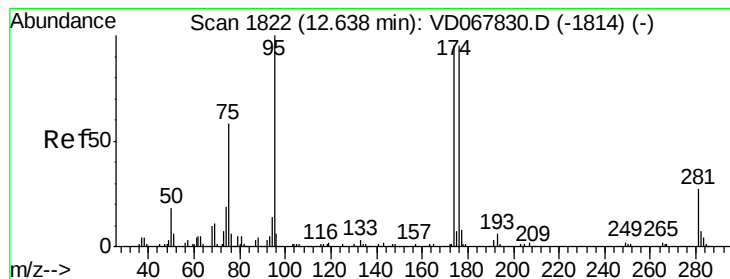
#50
 Toluene-d8
 Concen: 45.967 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067844.D
 Acq: 02 Dec 2020 19:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	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: 44.051 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067844.D

Acq: 02 Dec 2020 19:08

Instrument :

MSVOA_D

ClientSampled :

4-DRUM

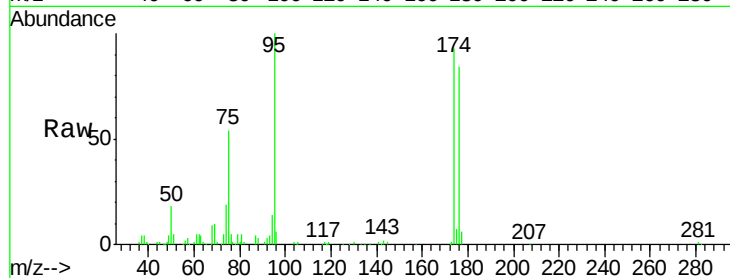
Tot Ion: 95 Resp: 135045

Ion Ratio Lower Upper

95 100

174 93.8 0.0 186.0

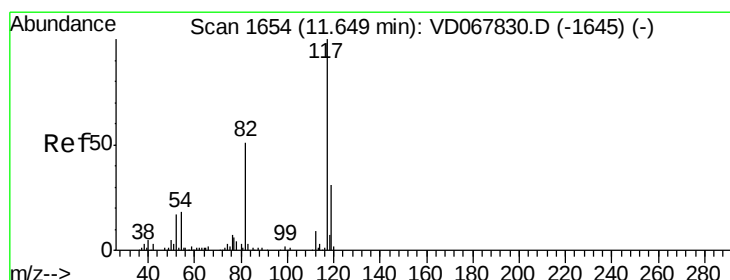
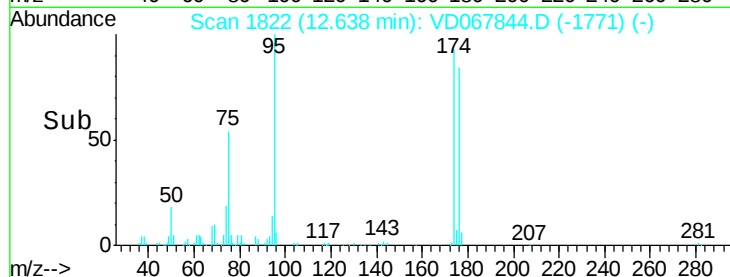
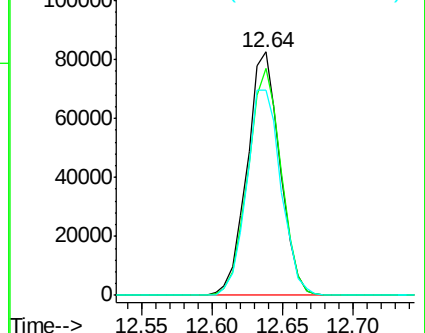
176 88.5 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067844.D

Acq: 02 Dec 2020 19:08

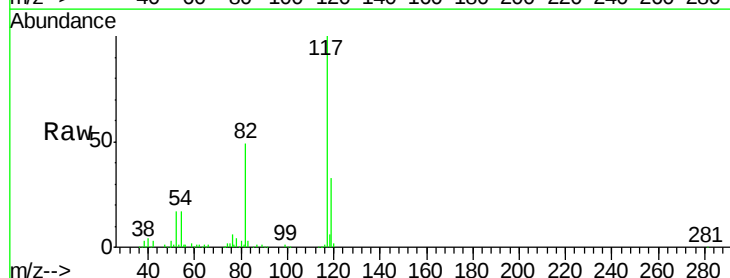
Tgt Ion: 117 Resp: 325163

Ion Ratio Lower Upper

117 100

82 48.6 40.6 60.8

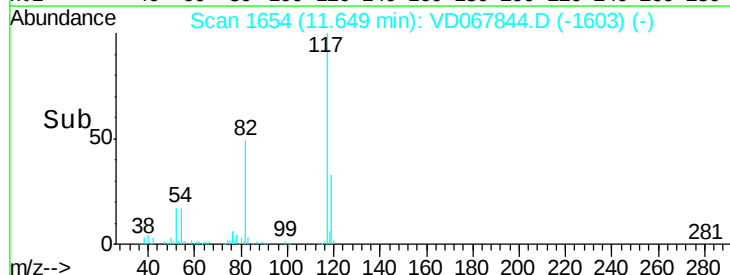
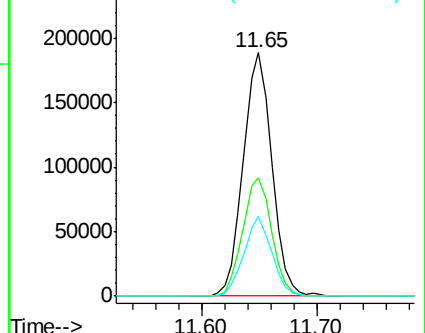
119 32.5 25.1 37.7

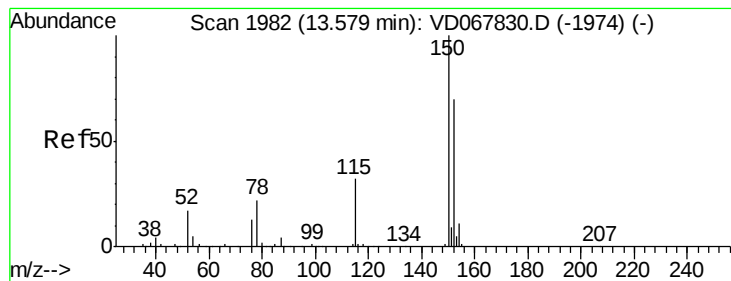


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): 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: VD067844.D

Acq: 02 Dec 2020 19:08

Instrument :

MSVOA_D

ClientSampleId :

4-DRUM

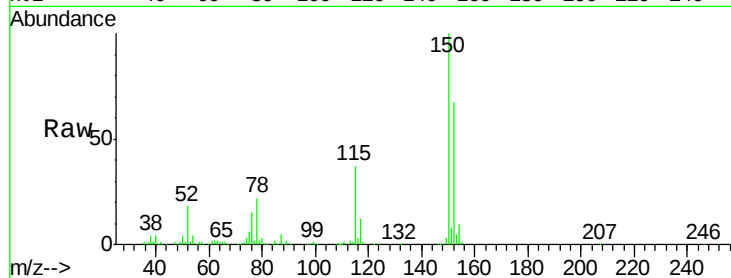
Tot Ion:152 Resp: 157286

Ion Ratio Lower Upper

152 100

115 56.7 29.1 87.4

150 153.3 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

