

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067815.D
 Acq On : 30 Nov 2020 15:39
 Operator : VA/SY
 Sample : L4882-07
 Misc : 5.92G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Dec 01 07:03:46 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

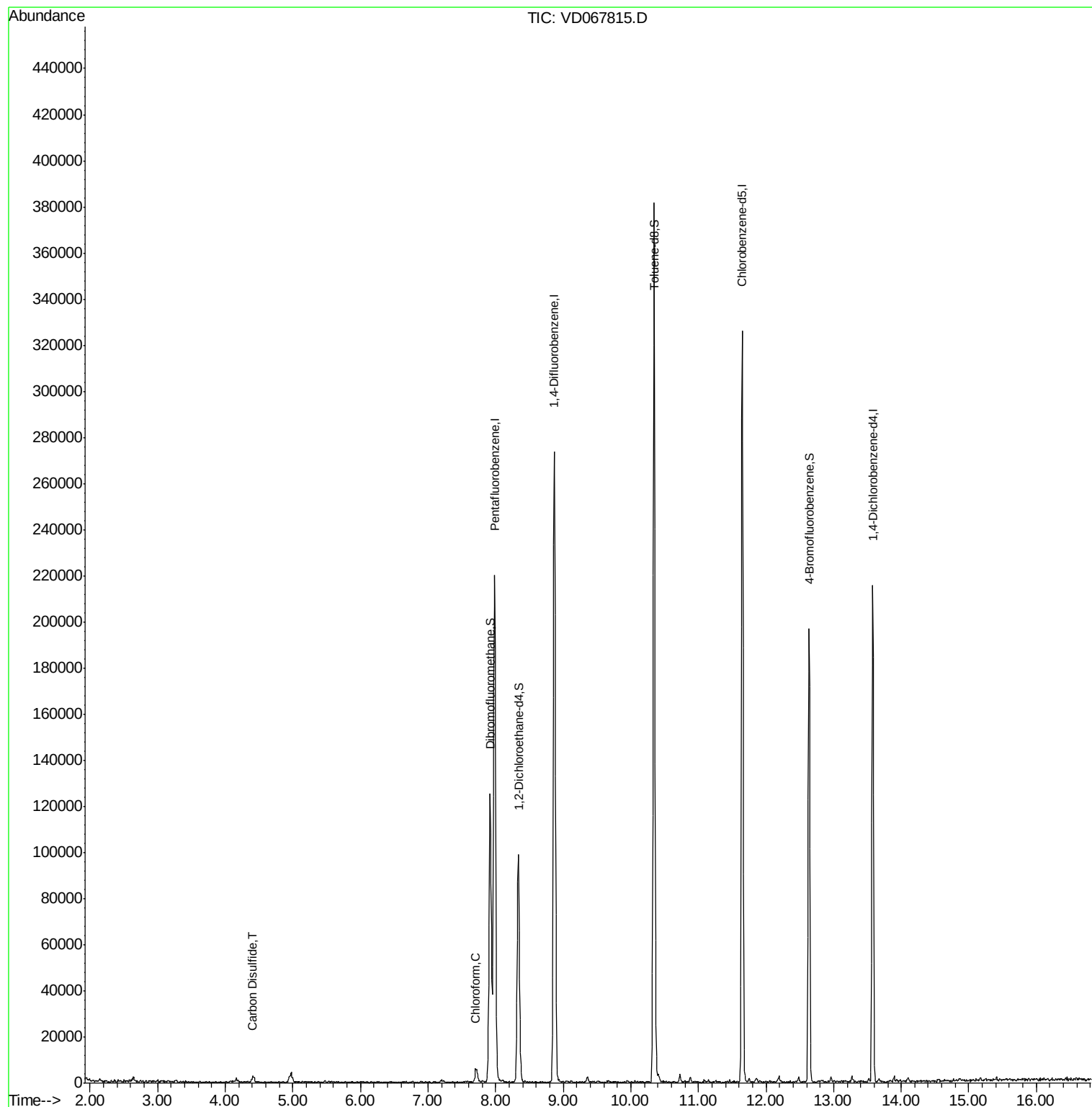
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	165592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	246166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	194564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	60066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	91259	56.68	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	113.36%		
35) Dibromofluoromethane	7.91	113	83387	53.23	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.46%		
50) Toluene-d8	10.34	98	257193	44.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.80%		
62) 4-Bromofluorobenzene	12.64	95	63230	32.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	64.60%		
Target Compounds						
17) Carbon Disulfide	4.41	76	4987	1.268	ug/l	97
30) Chloroform	7.70	83	4575	1.591	ug/l #	52

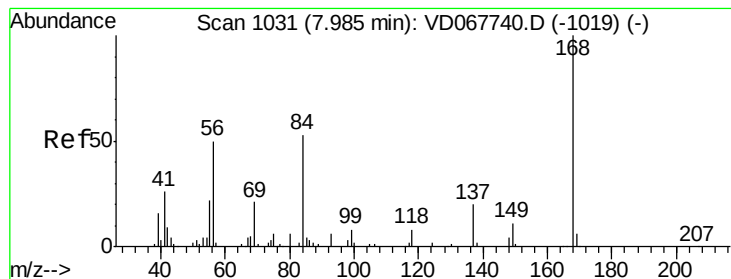
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067815.D

Acq: 30 Nov 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

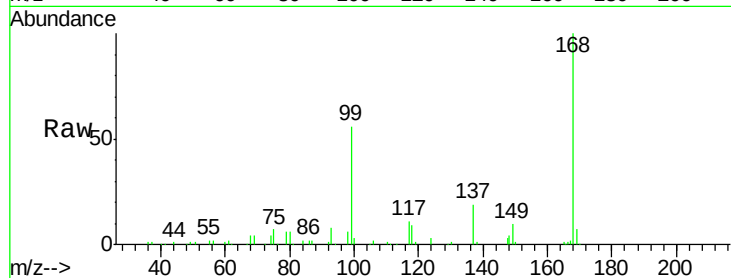
PAV-B48-112320-15.5-16.5

Tot Ion:168 Resp: 165592

Ion Ratio Lower Upper

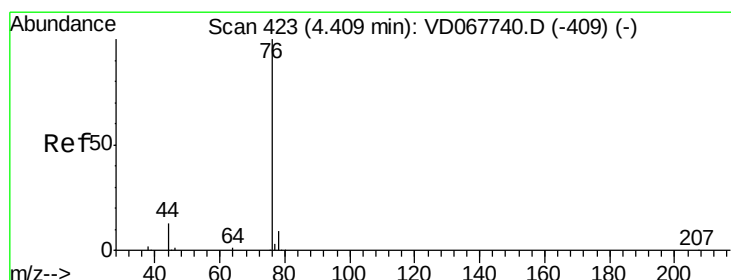
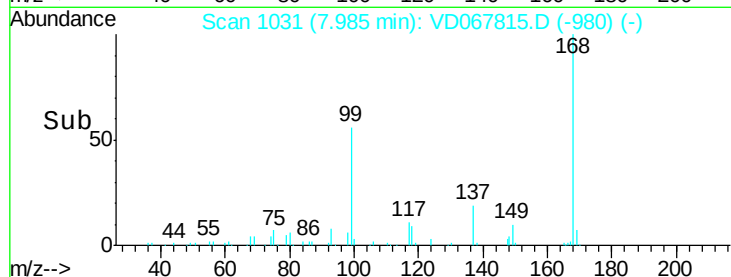
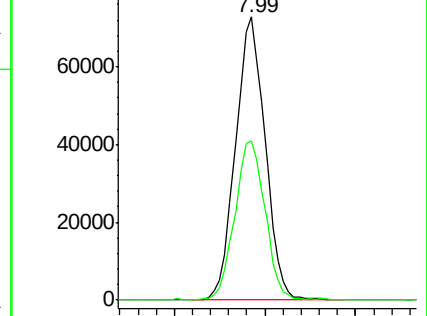
168 100

99 56.5 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#17

Carbon Disulfide

Concen: 1.268 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067815.D

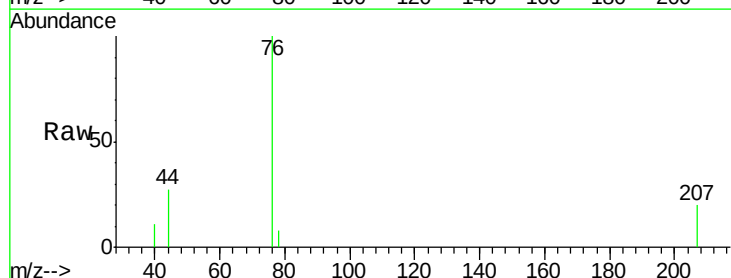
Acq: 30 Nov 2020 15:39

Tgt Ion: 76 Resp: 4987

Ion Ratio Lower Upper

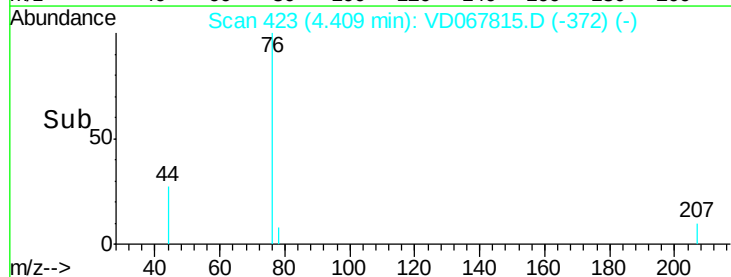
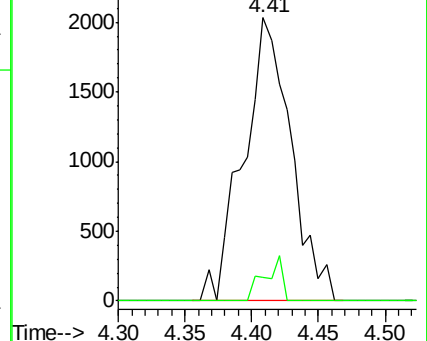
76 100

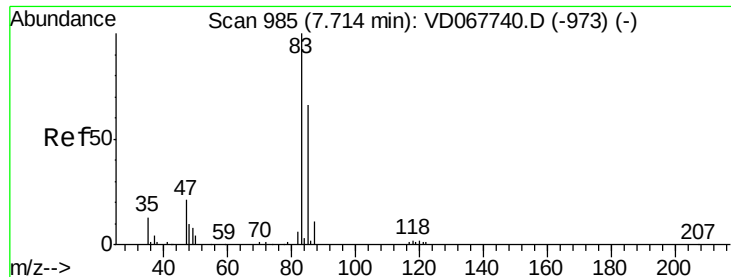
78 8.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

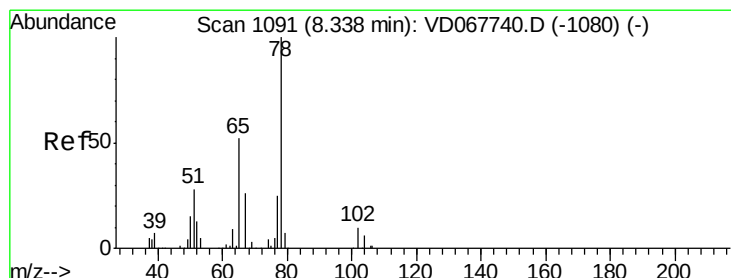
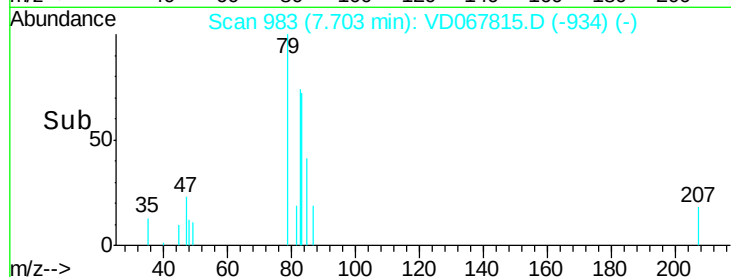
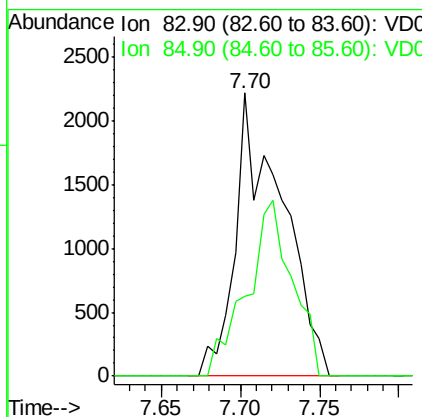
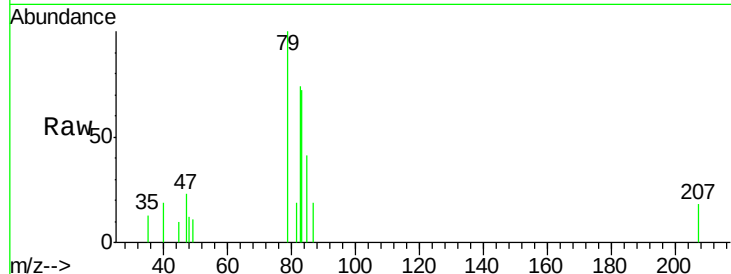




#30
Chloroform
Concen: 1.591 ug/l
RT: 7.70 min Scan# 983
Delta R.T. -0.01 min
Lab File: VD067815.D
Acq: 30 Nov 2020 15:39

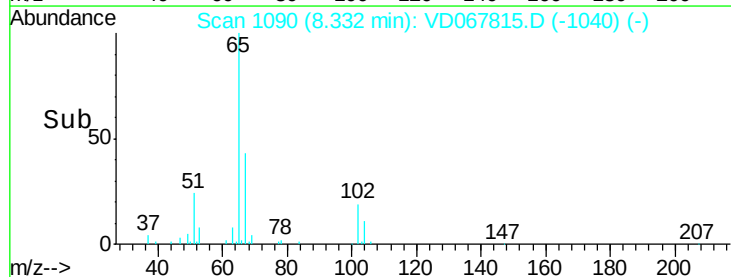
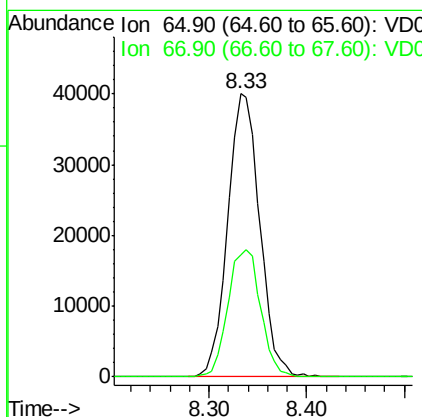
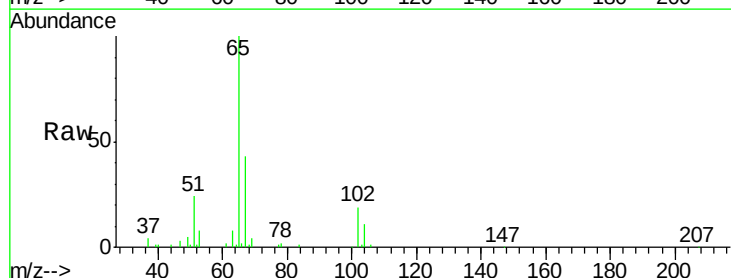
Instrument :
MSVOA_D
ClientSampleId :
PAV-B48-112320-15.5-16.5

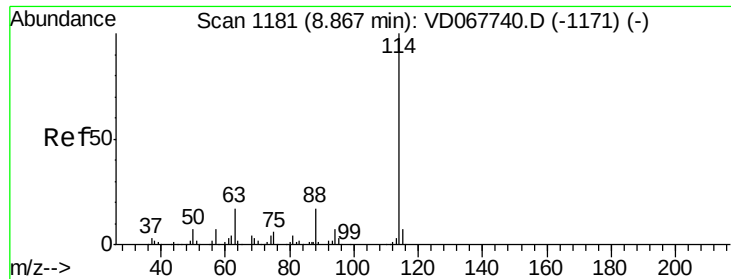
Tot Ion: 83 Resp: 4575
Ion Ratio Lower Upper
83 100
85 28.1 53.1 79.7#



#33
1,2-Dichloroethane-d4
Concen: 56.680 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067815.D
Acq: 30 Nov 2020 15:39

Tgt Ion: 65 Resp: 91259
Ion Ratio Lower Upper
65 100
67 45.9 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: VD067815.D

Acq: 30 Nov 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

PAV-B48-112320-15.5-16.5

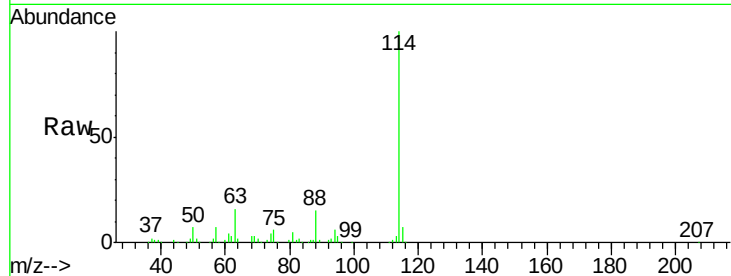
Tot Ion:114 Resp: 246166

Ion Ratio Lower Upper

114 100

63 15.6 0.0 34.8

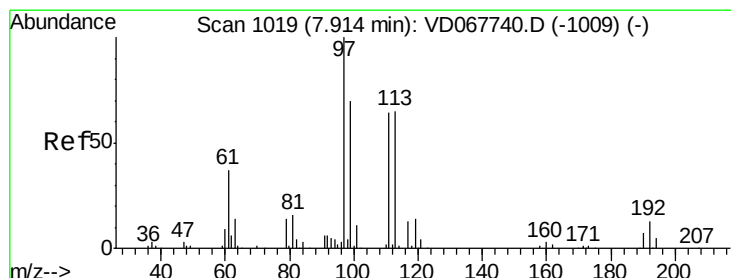
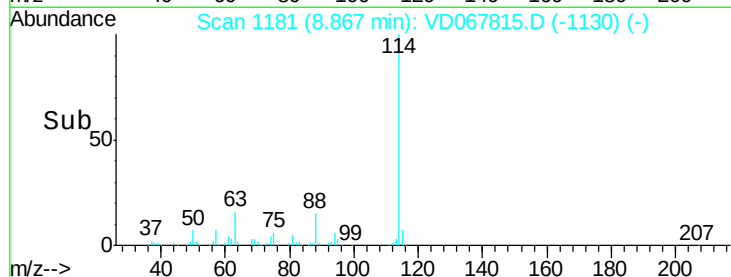
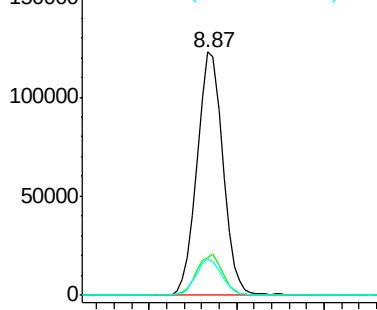
88 14.6 0.0 34.4



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: 53.228 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067815.D

Acq: 30 Nov 2020 15:39

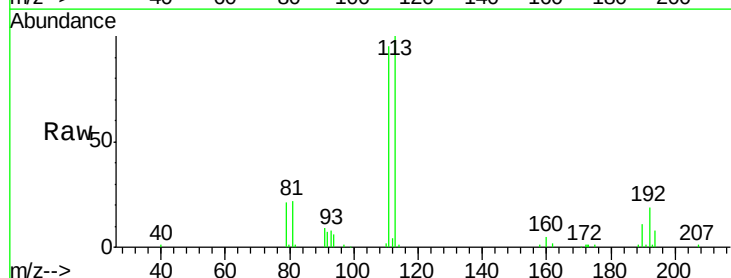
Tgt Ion:113 Resp: 83387

Ion Ratio Lower Upper

113 100

111 100.0 81.4 122.0

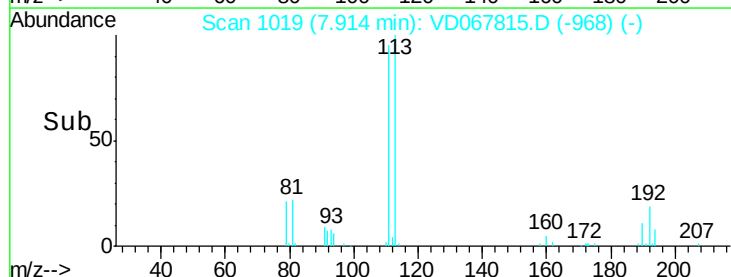
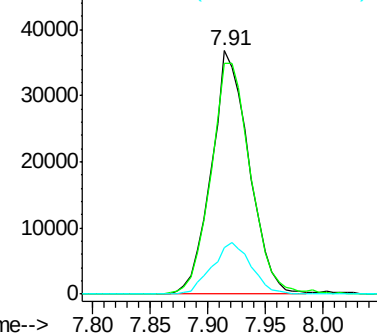
192 22.0 17.0 25.4

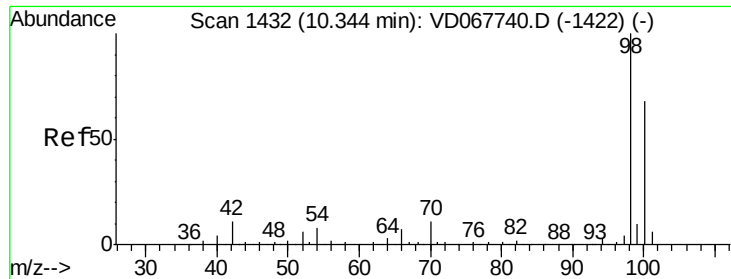


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

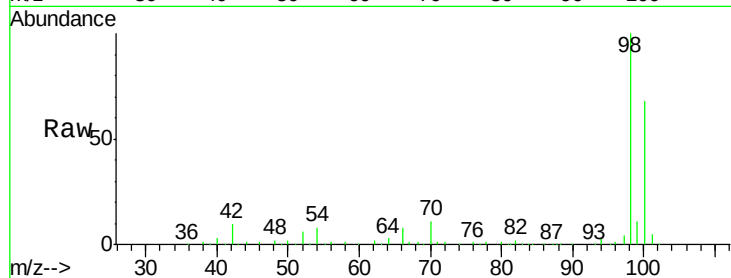




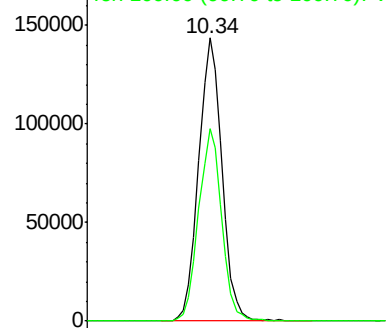
#50
Toluene-d8
Concen: 44.904 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067815.D
Acq: 30 Nov 2020 15:39

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

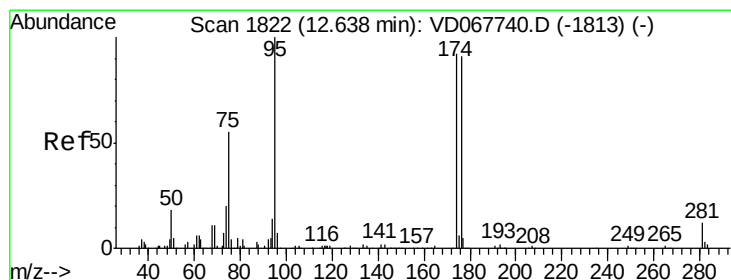
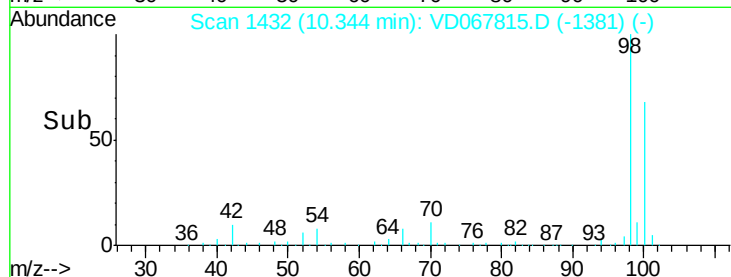
Tot Ion: 98 Resp: 257193
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



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

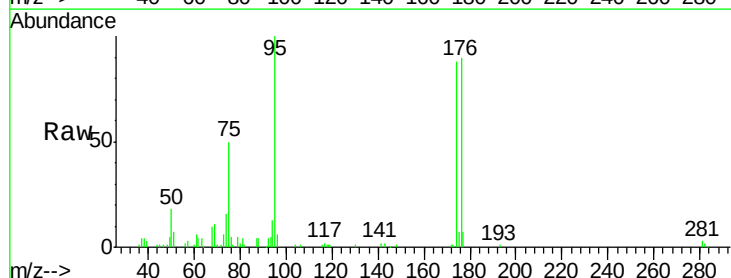


Time-->

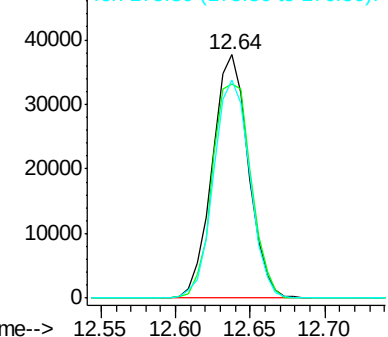


#62
4-Bromofluorobenzene
Concen: 32.298 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067815.D
Acq: 30 Nov 2020 15:39

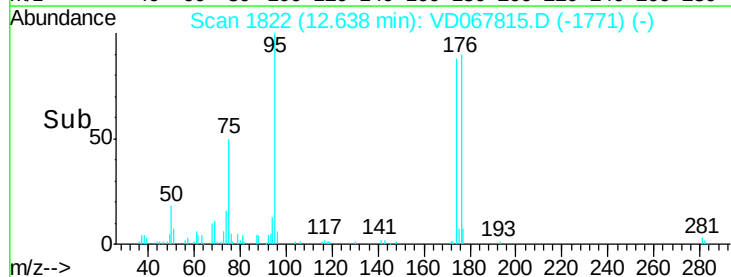
Tgt Ion: 95 Resp: 63230
Ion Ratio Lower Upper
95 100
174 94.3 0.0 182.4
176 89.4 0.0 178.2

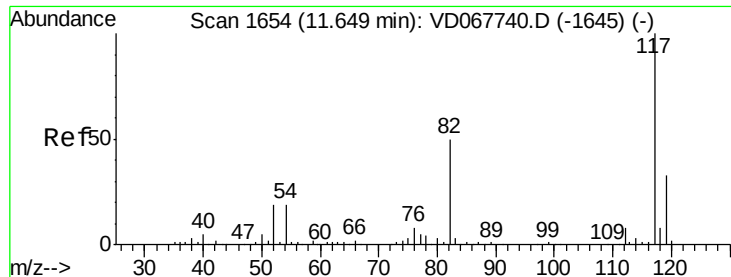


Abundance Ion 94.90 (94.60 to 95.60): VDC
Ion 173.80 (173.50 to 174.50): VDC
Ion 175.80 (175.50 to 176.50): VDC



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067815.D

Acq: 30 Nov 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

PAV-B48-112320-15.5-16.5

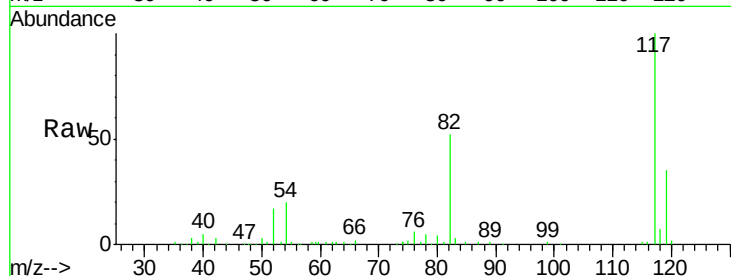
Tot Ion:117 Resp: 194564

Ion Ratio Lower Upper

117 100

82 52.3 40.2 60.4

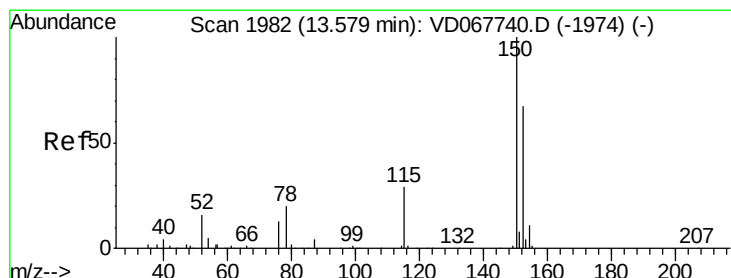
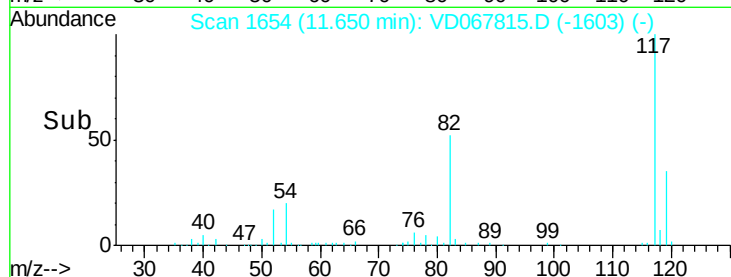
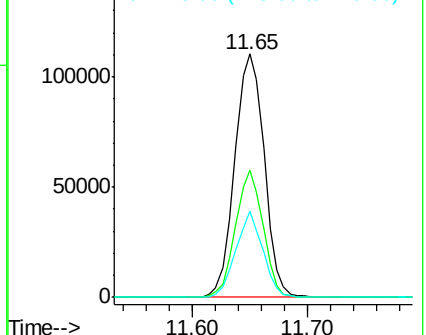
119 35.3 26.5 39.7



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: VD067815.D

Acq: 30 Nov 2020 15:39

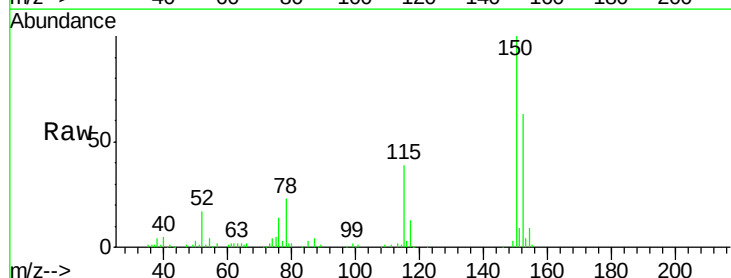
Tgt Ion:152 Resp: 60066

Ion Ratio Lower Upper

152 100

115 60.3 29.4 88.3

150 156.6 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

