

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\
 Data File : VD067866.D
 Acq On : 03 Dec 2020 14:11
 Operator : VA/SY
 Sample : L4916-01
 Misc : 4.83G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-12220

Quant Time: Dec 04 01:32:04 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	7.99	168	26171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	37271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	34956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	16870	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	17702	63.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.02%
35) Dibromofluoromethane	7.93	113	11804	47.33	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.66%
50) Toluene-d8	10.34	98	42715	47.58	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.16%
62) 4-Bromofluorobenzene	12.64	95	12242	39.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.88%

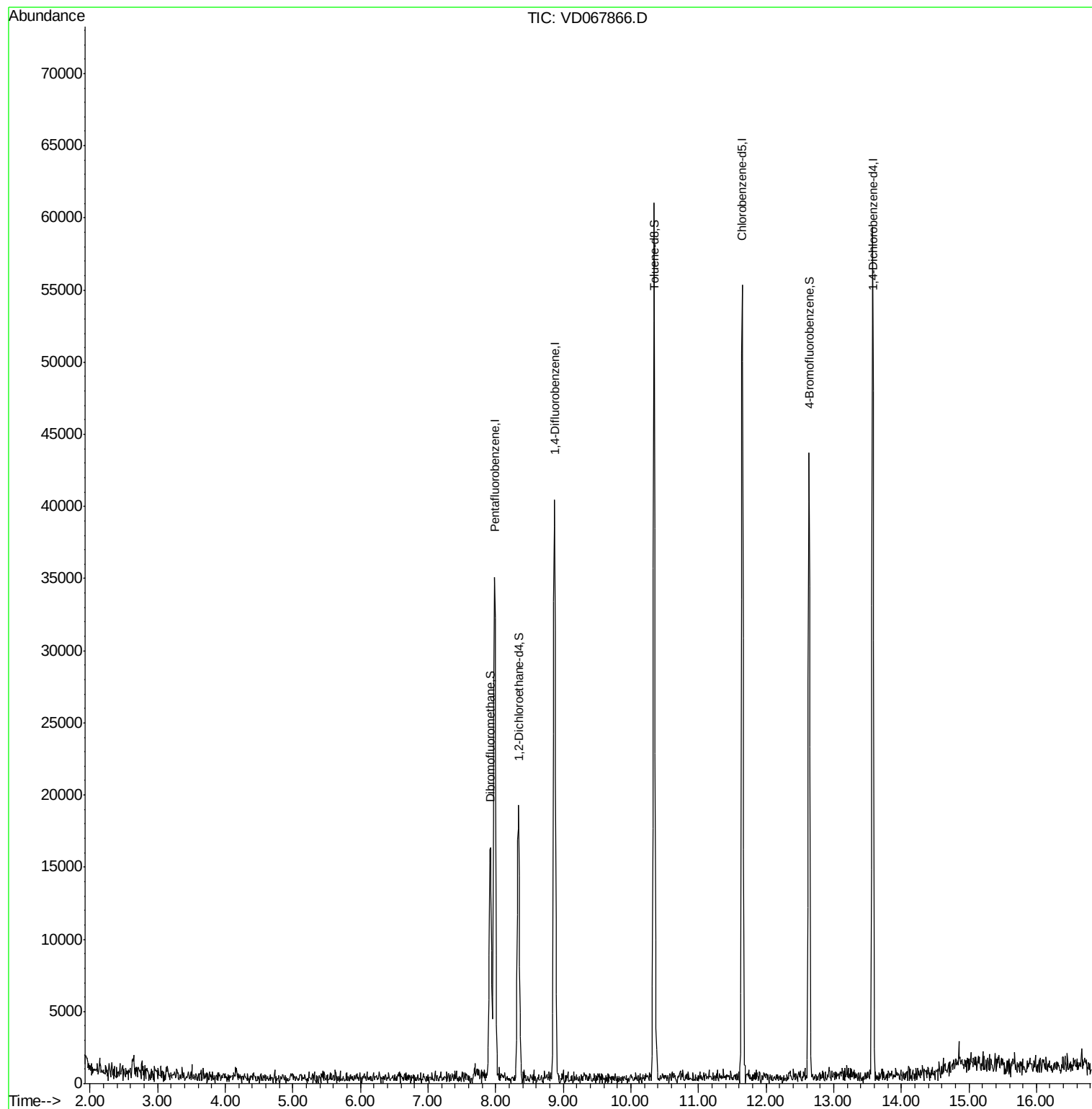
Target Compounds	Qvalue
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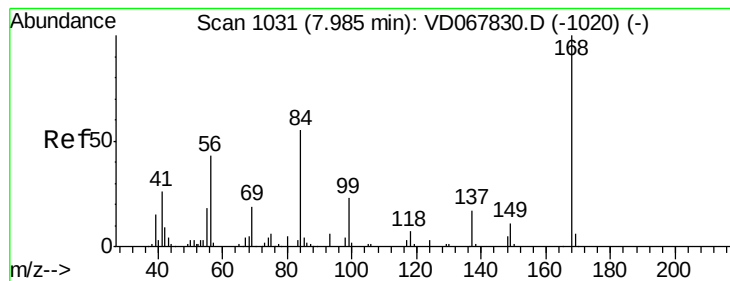
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD067866.D

Acq: 03 Dec 2020 14:11

Instrument :

MSVOA_D

ClientSampleId :

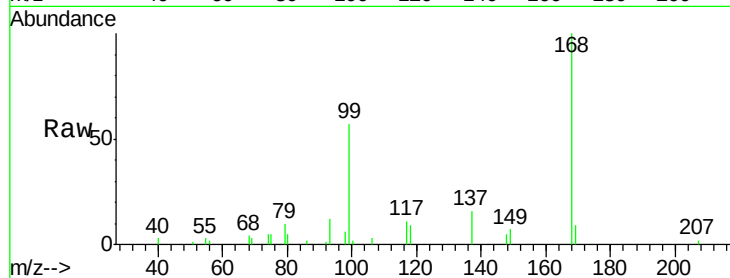
OK-01-12220

Tot Ion:168 Resp: 26171

Ion Ratio Lower Upper

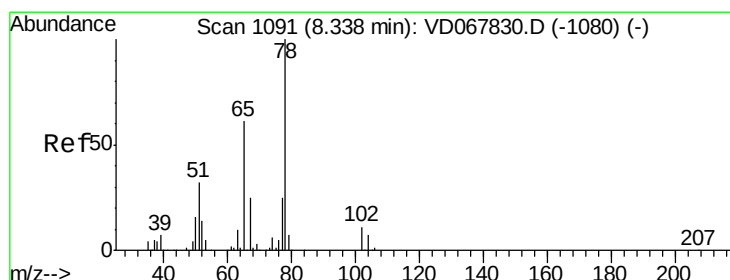
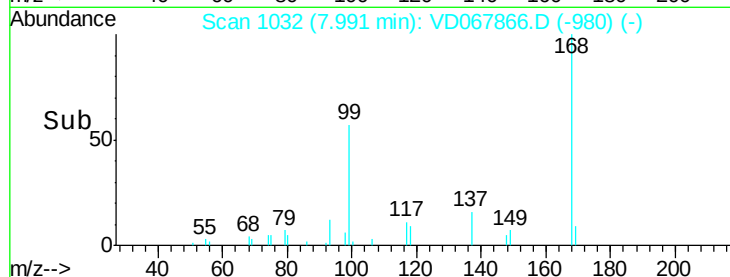
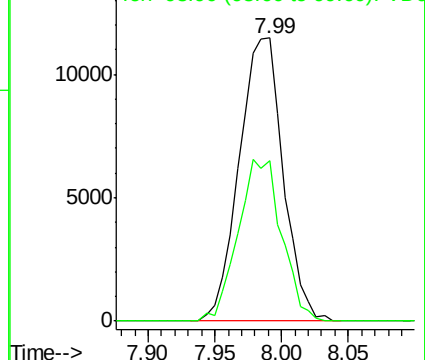
168 100

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



#33

1,2-Dichloroethane-d4

Concen: 63.006 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067866.D

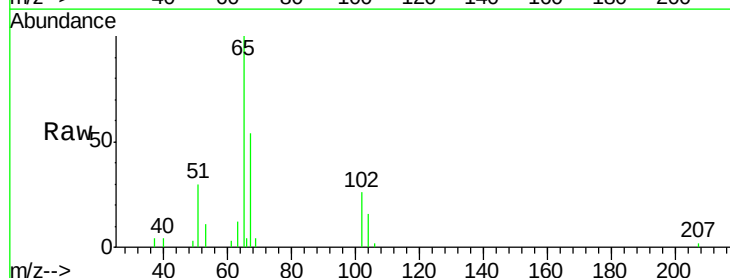
Acq: 03 Dec 2020 14:11

Tgt Ion: 65 Resp: 17702

Ion Ratio Lower Upper

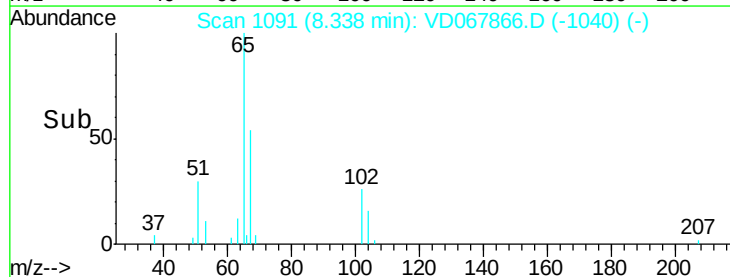
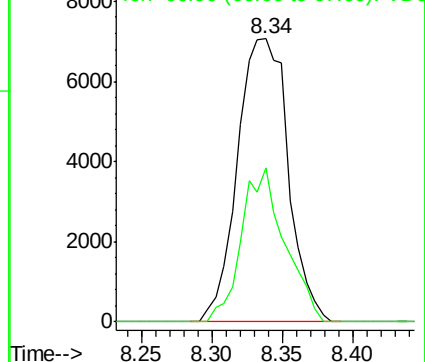
65 100

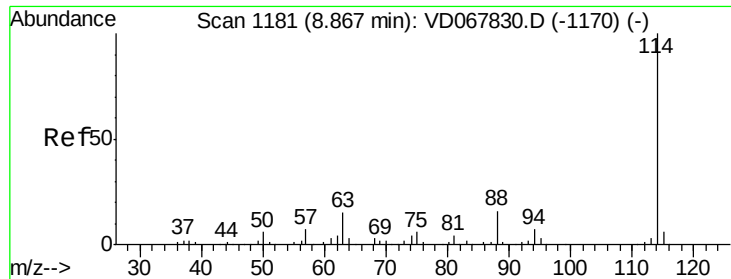
67 46.4 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

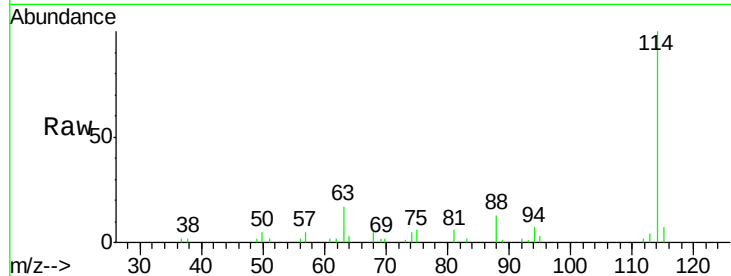




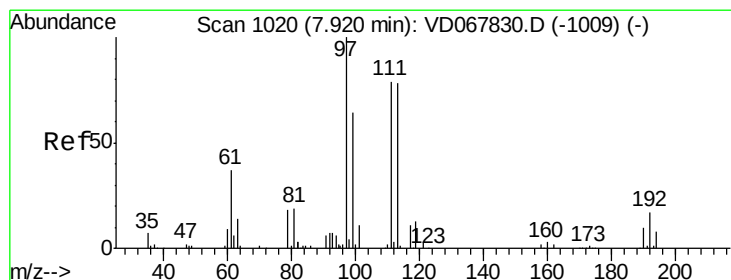
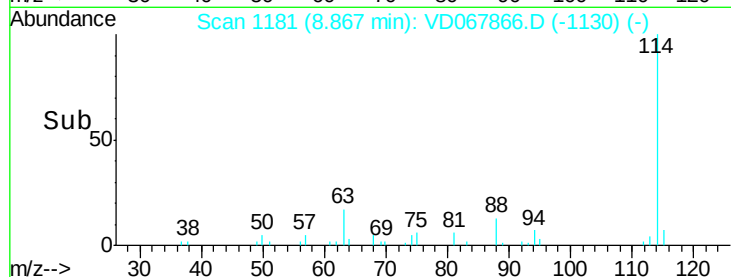
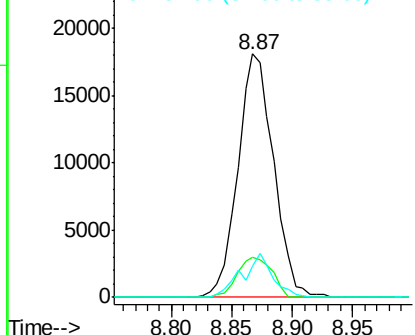
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067866.D
 Acq: 03 Dec 2020 14:11

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-12220

Tot Ion:114 Resp: 37271
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 30.8
 88 13.0 0.0 31.8

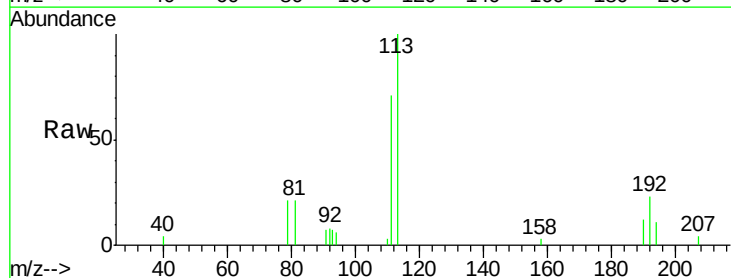


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

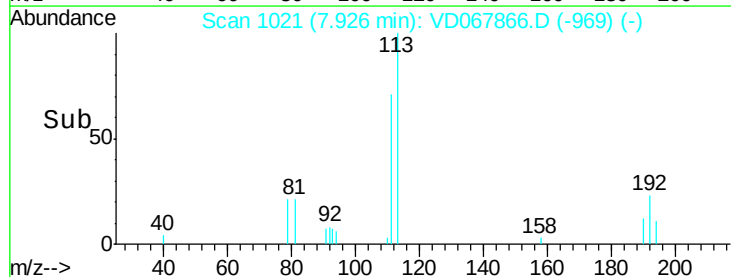
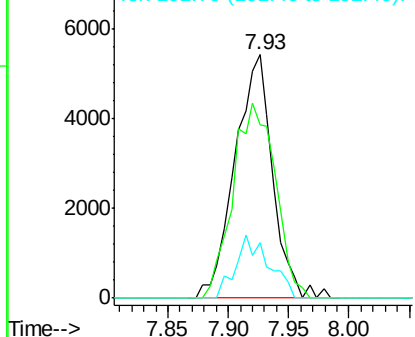


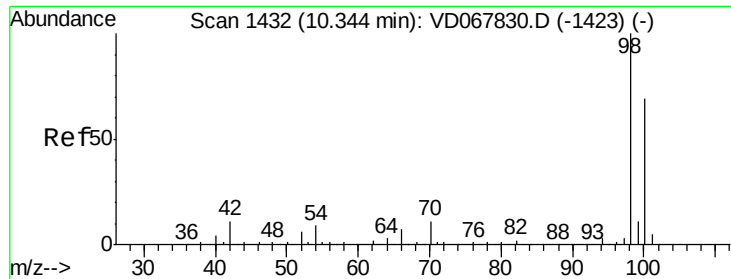
#35
 Dibromofluoromethane
 Concen: 47.330 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD067866.D
 Acq: 03 Dec 2020 14:11

Tgt Ion:113 Resp: 11804
 Ion Ratio Lower Upper
 113 100
 111 90.3 81.2 121.8
 192 22.8 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: 47.578 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067866.D

Acq: 03 Dec 2020 14:11

Instrument :

MSVOA_D

ClientSampleId :

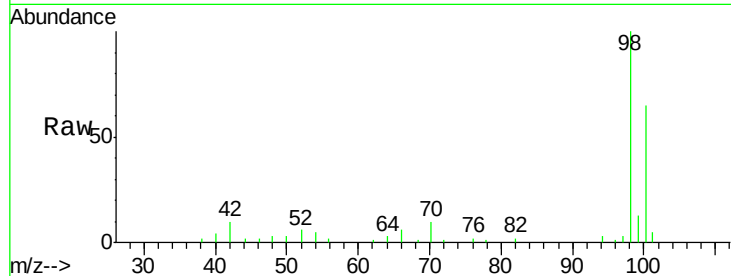
OK-01-12220

Tot Ion: 98 Resp: 42715

Ion Ratio Lower Upper

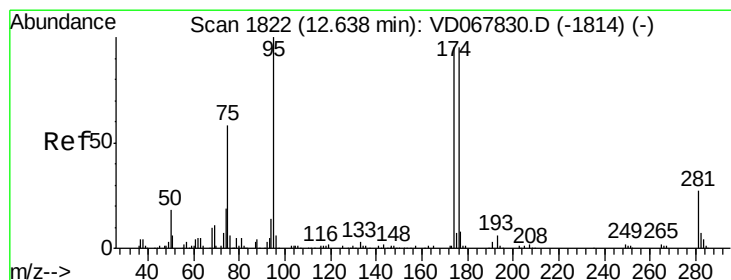
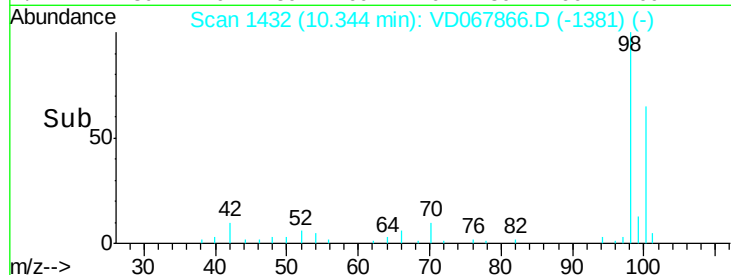
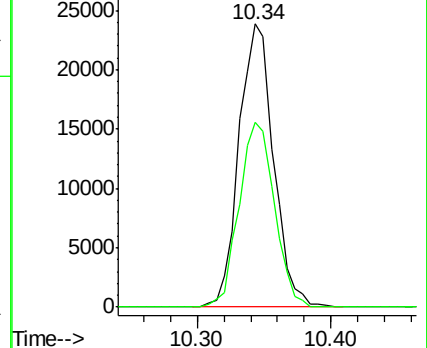
98 100

100 66.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 39.441 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067866.D

Acq: 03 Dec 2020 14:11

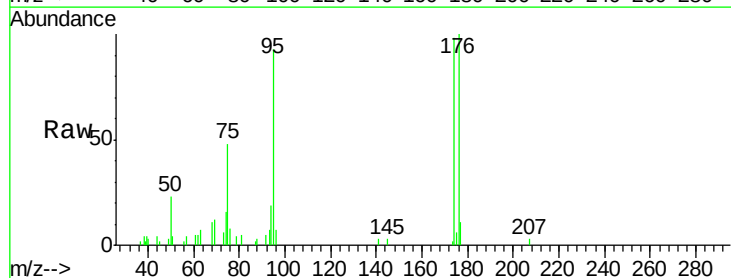
Tgt Ion: 95 Resp: 12242

Ion Ratio Lower Upper

95 100

174 114.7 0.0 186.0

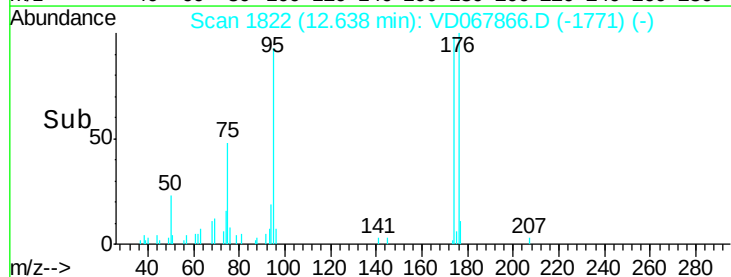
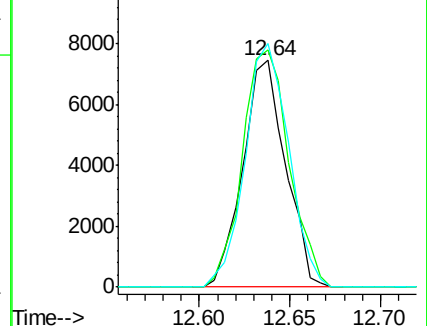
176 109.4 0.0 184.2

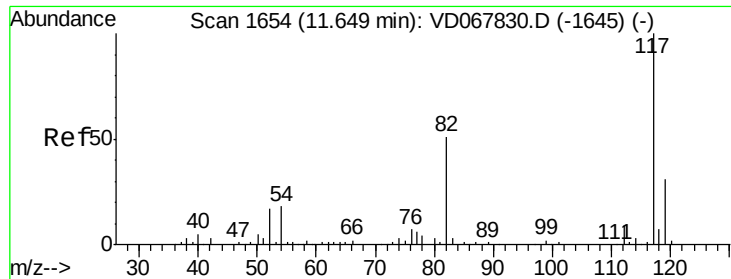


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

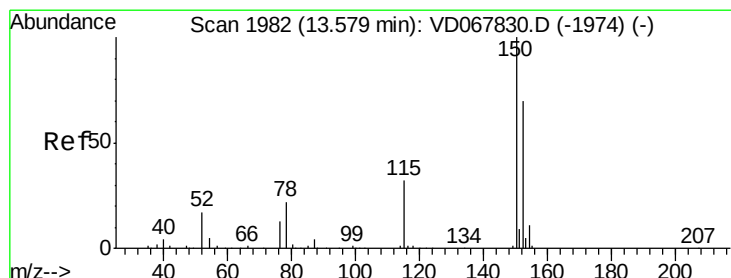
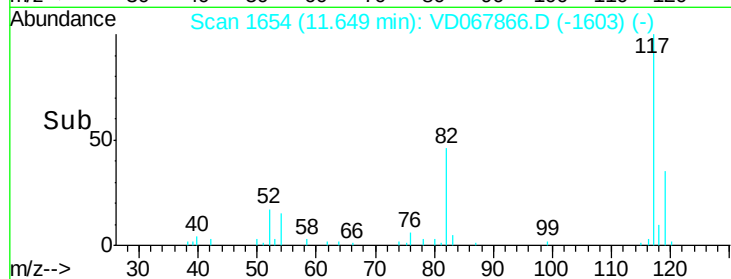
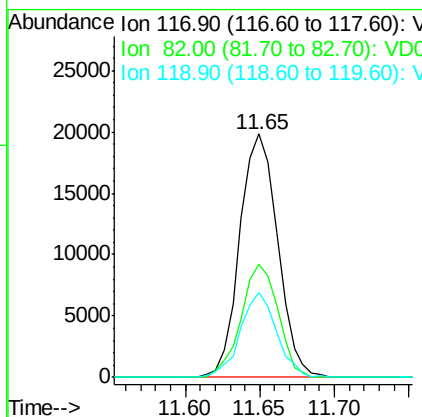
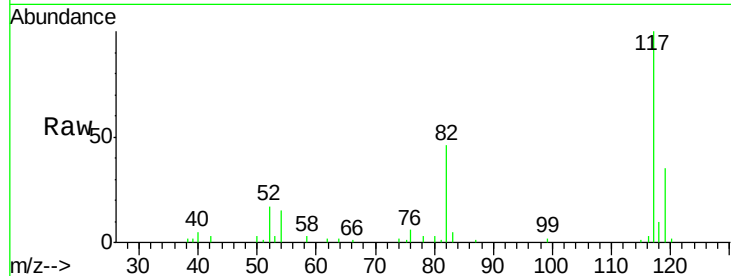




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067866.D
Acq: 03 Dec 2020 14:11

Instrument :
MSVOA_D
ClientSampleId :
OK-01-12220

Tot Ion:117 Resp: 34956
Ion Ratio Lower Upper
117 100
82 46.2 40.6 60.8
119 34.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD067866.D
Acq: 03 Dec 2020 14:11

Tgt Ion:152 Resp: 16870
Ion Ratio Lower Upper
152 100
115 61.4 29.1 87.4
150 160.4 0.0 339.0

