

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\
 Data File : VD067881.D
 Acq On : 04 Dec 2020 12:57
 Operator : VA/SY
 Sample : L4950-01
 Misc : 5.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-120420

Quant Time: Dec 05 00:12:07 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	39503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	54539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	49075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	27486	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	25423	59.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.90%
35) Dibromofluoromethane	7.92	113	17321	47.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.92%
50) Toluene-d8	10.34	98	61170	46.56	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.12%
62) 4-Bromofluorobenzene	12.64	95	21410	47.14	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.28%

Target Compounds

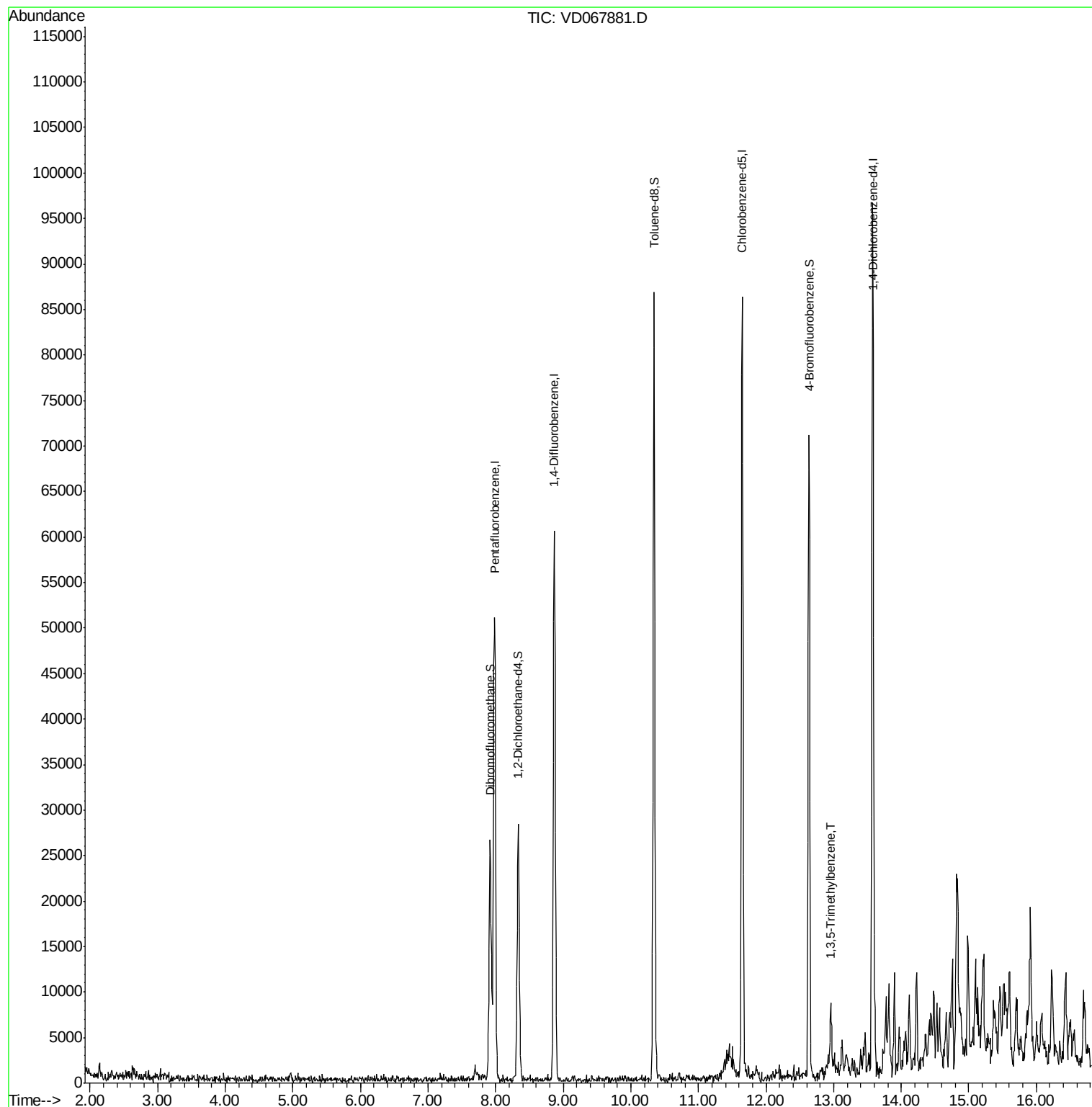
	R.T.	QIon	Response	Conc	Units	Qvalue
80) 1,3,5-Trimethylbenzene	12.96	105	2858	1.746	ug/l	85

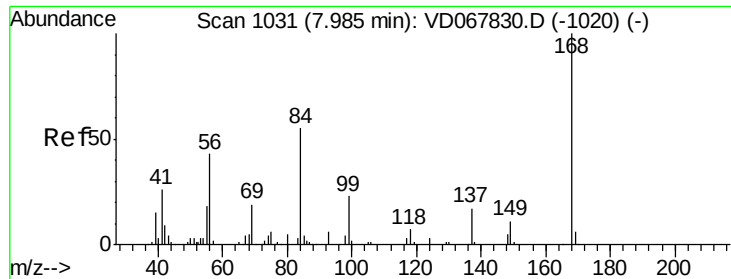
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067881.D

Acq: 04 Dec 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

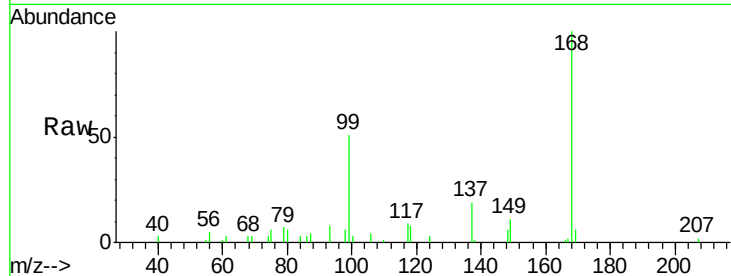
PL-02-120420

Tot Ion:168 Resp: 39503

Ion Ratio Lower Upper

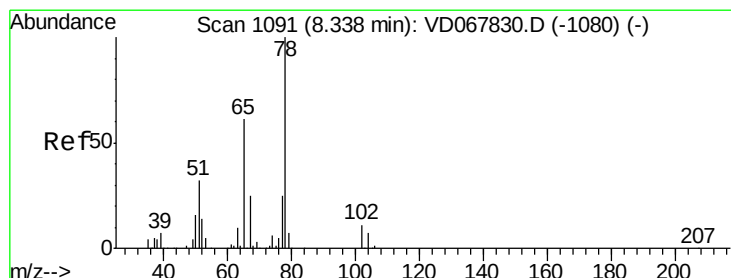
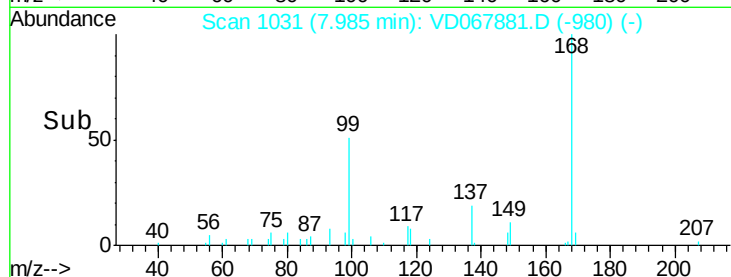
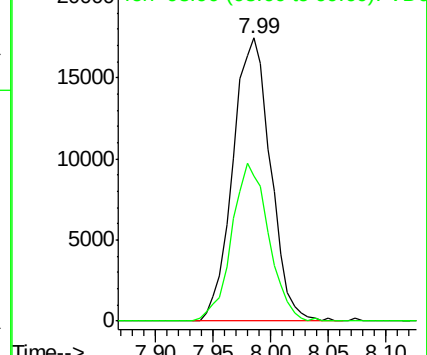
168 100

99 51.3 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: 59.948 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067881.D

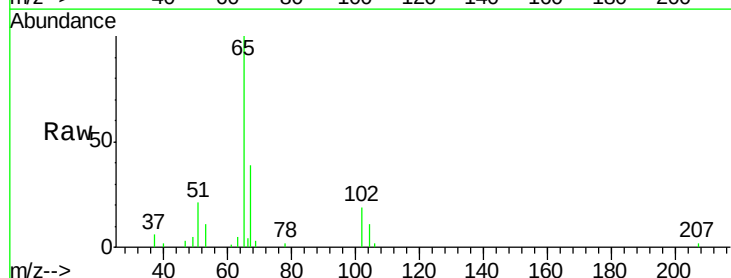
Acq: 04 Dec 2020 12:57

Tgt Ion: 65 Resp: 25423

Ion Ratio Lower Upper

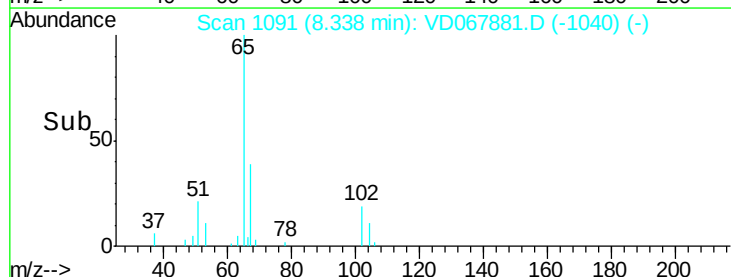
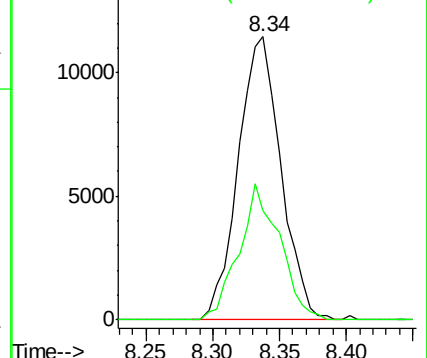
65 100

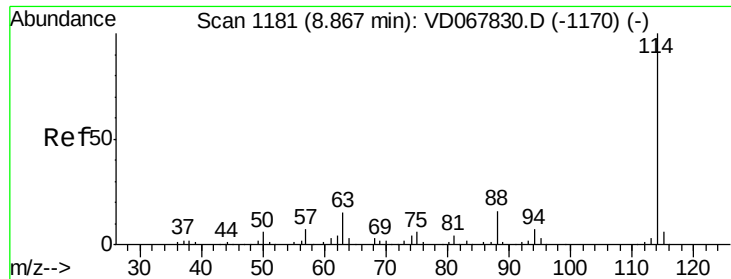
67 45.9 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

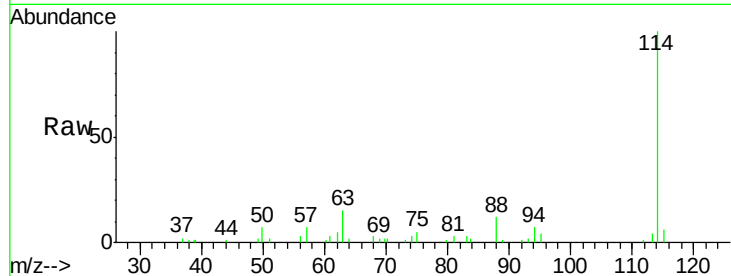




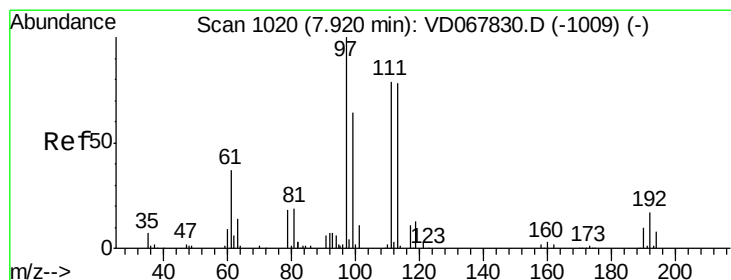
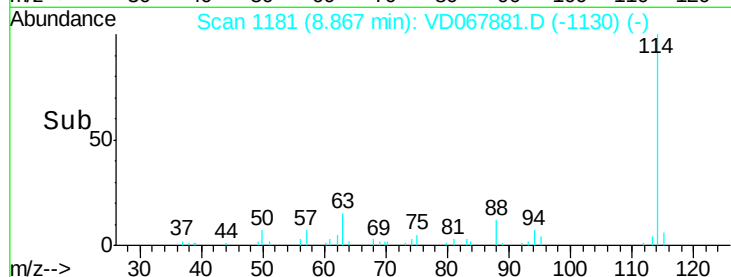
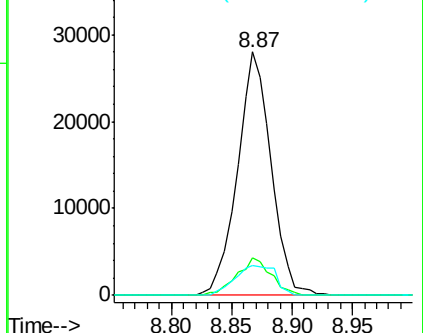
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067881.D
 Acq: 04 Dec 2020 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-120420

Tot Ion:114 Resp: 54539
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 30.8
 88 12.3 0.0 31.8

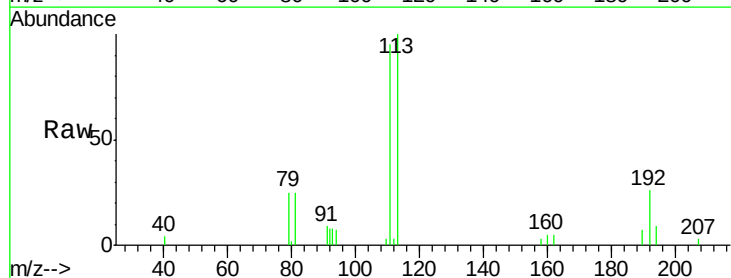


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

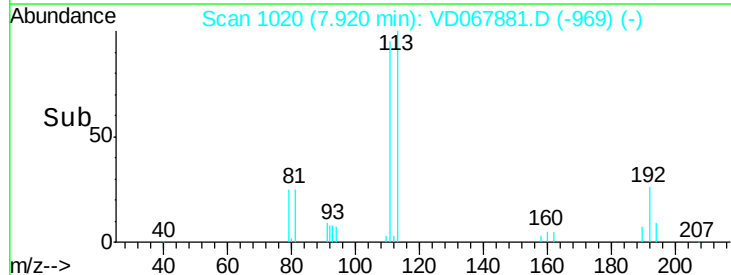
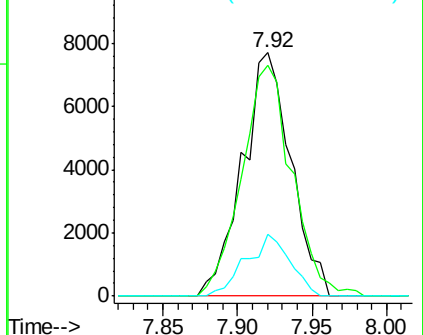


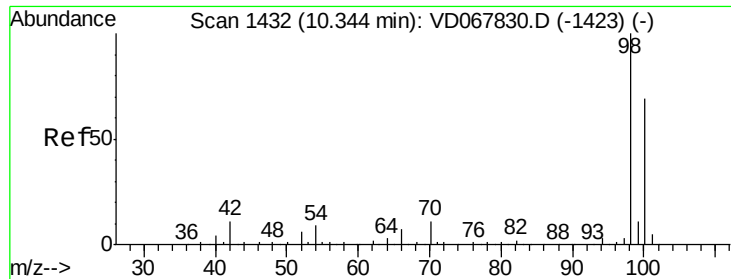
#35
 Dibromofluoromethane
 Concen: 47.462 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067881.D
 Acq: 04 Dec 2020 12:57

Tgt Ion:113 Resp: 17321
 Ion Ratio Lower Upper
 113 100
 111 98.3 81.2 121.8
 192 23.1 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: 46.562 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067881.D

Acq: 04 Dec 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

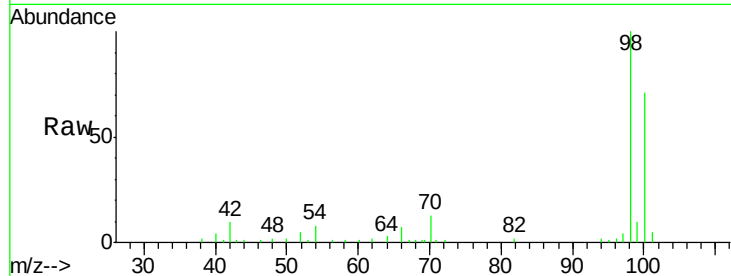
PL-02-120420

Tot Ion: 98 Resp: 61170

Ion Ratio Lower Upper

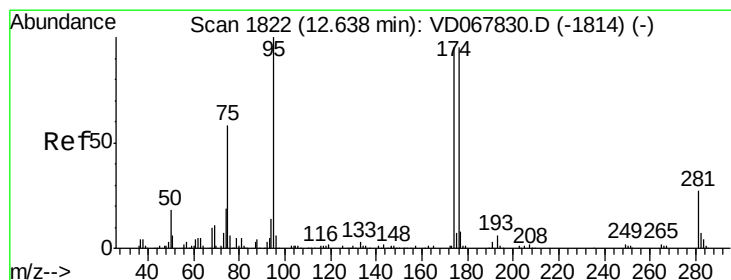
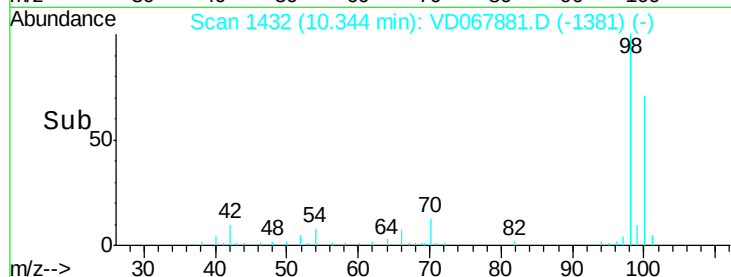
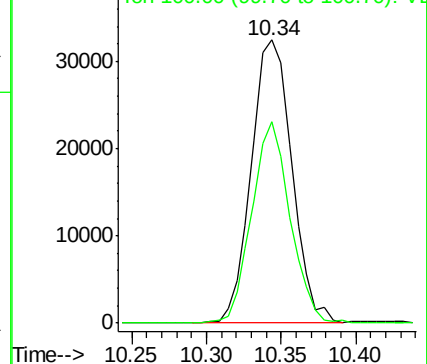
98 100

100 67.0 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: 47.138 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067881.D

Acq: 04 Dec 2020 12:57

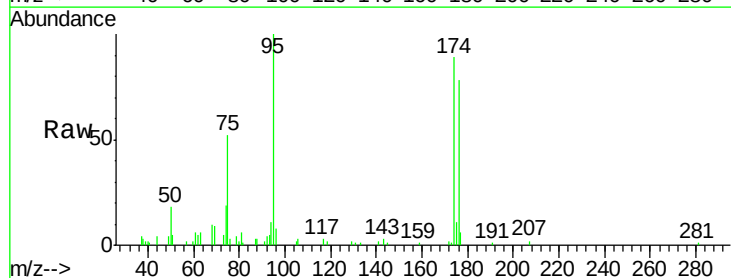
Tgt Ion: 95 Resp: 21410

Ion Ratio Lower Upper

95 100

174 101.3 0.0 186.0

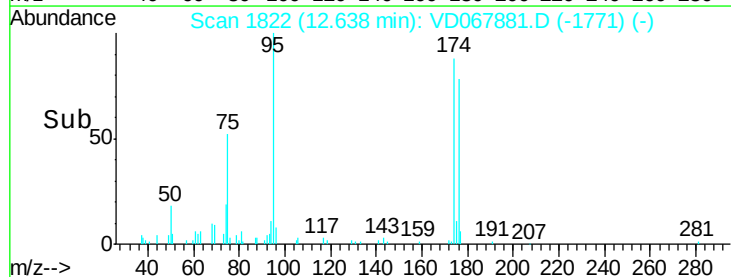
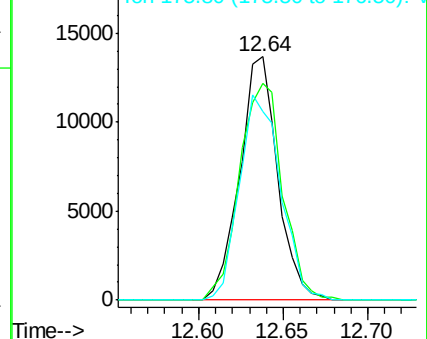
176 91.6 0.0 184.2

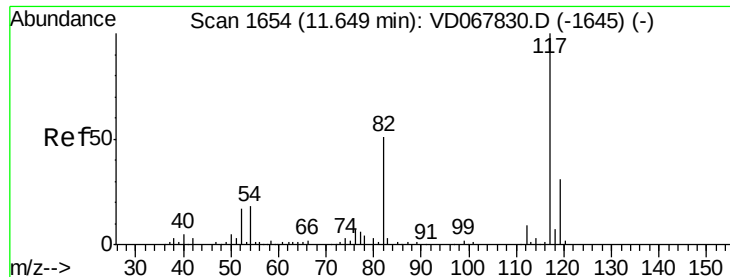


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

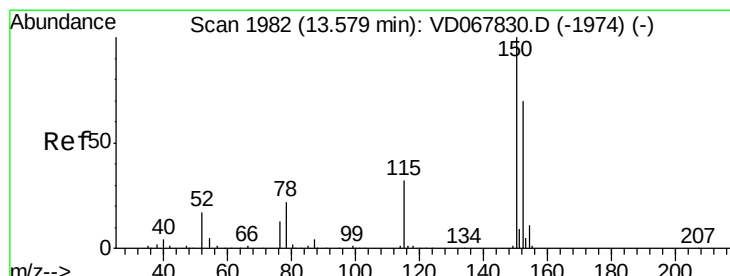
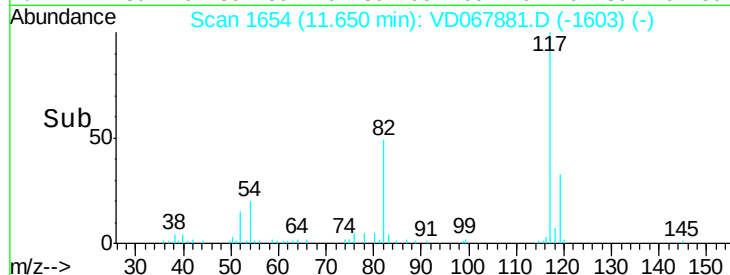
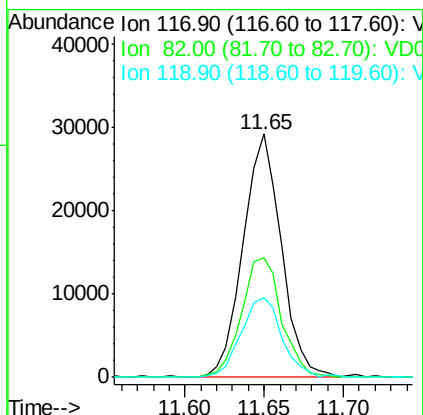
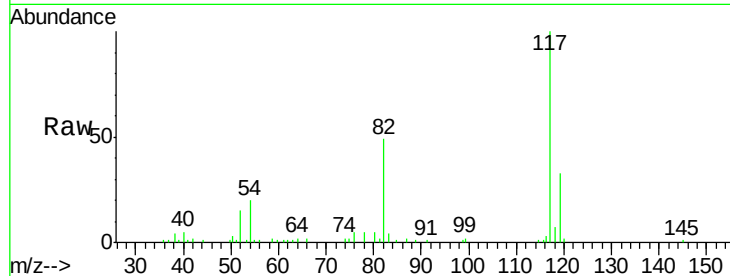




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067881.D
Acq: 04 Dec 2020 12:57

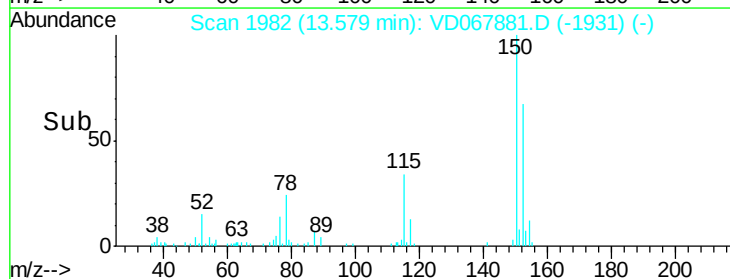
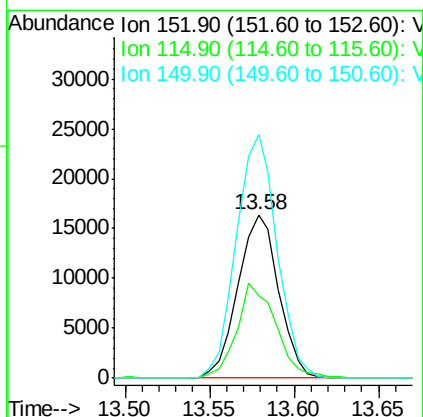
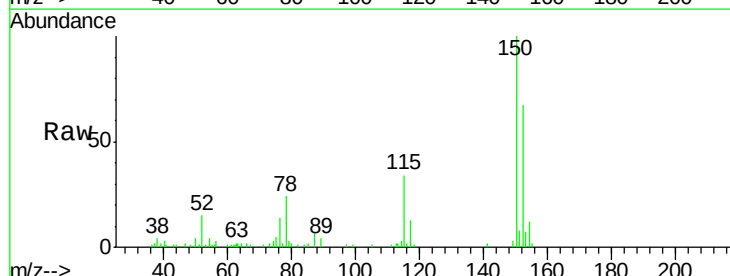
Instrument :
MSVOA_D
ClientSampleId :
PL-02-120420

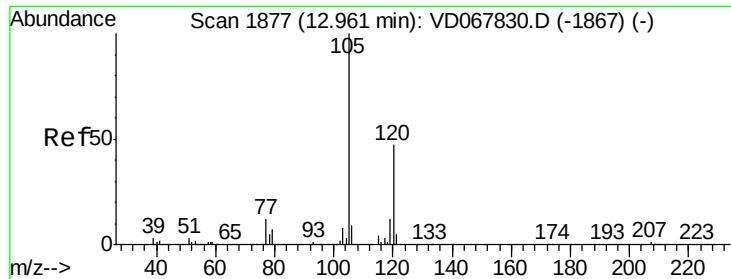
Tot Ion:117 Resp: 49075
Ion Ratio Lower Upper
117 100
82 48.8 40.6 60.8
119 32.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067881.D
Acq: 04 Dec 2020 12:57

Tgt Ion:152 Resp: 27486
Ion Ratio Lower Upper
152 100
115 56.3 29.1 87.4
150 149.1 0.0 339.0





#80

1,3,5-Trimethylbenzene

Concen: 1.746 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067881.D

Acq: 04 Dec 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

PL-02-120420

Tot Ion:105 Resp: 2858

Ion Ratio Lower Upper

105 100

120 58.8 24.3 72.9

