

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120820\
 Data File : VD067910.D
 Acq On : 08 Dec 2020 12:47
 Operator : VA/SY
 Sample : L4965-06
 Misc : 5.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT002

Quant Time: Dec 09 04:43:13 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	204378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	278415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	250374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	120754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	98871	45.06	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.12%
35) Dibromofluoromethane	7.91	113	83358	44.74	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.48%
50) Toluene-d8	10.34	98	312355	46.58	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.16%
62) 4-Bromofluorobenzene	12.64	95	104196	44.94	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.88%

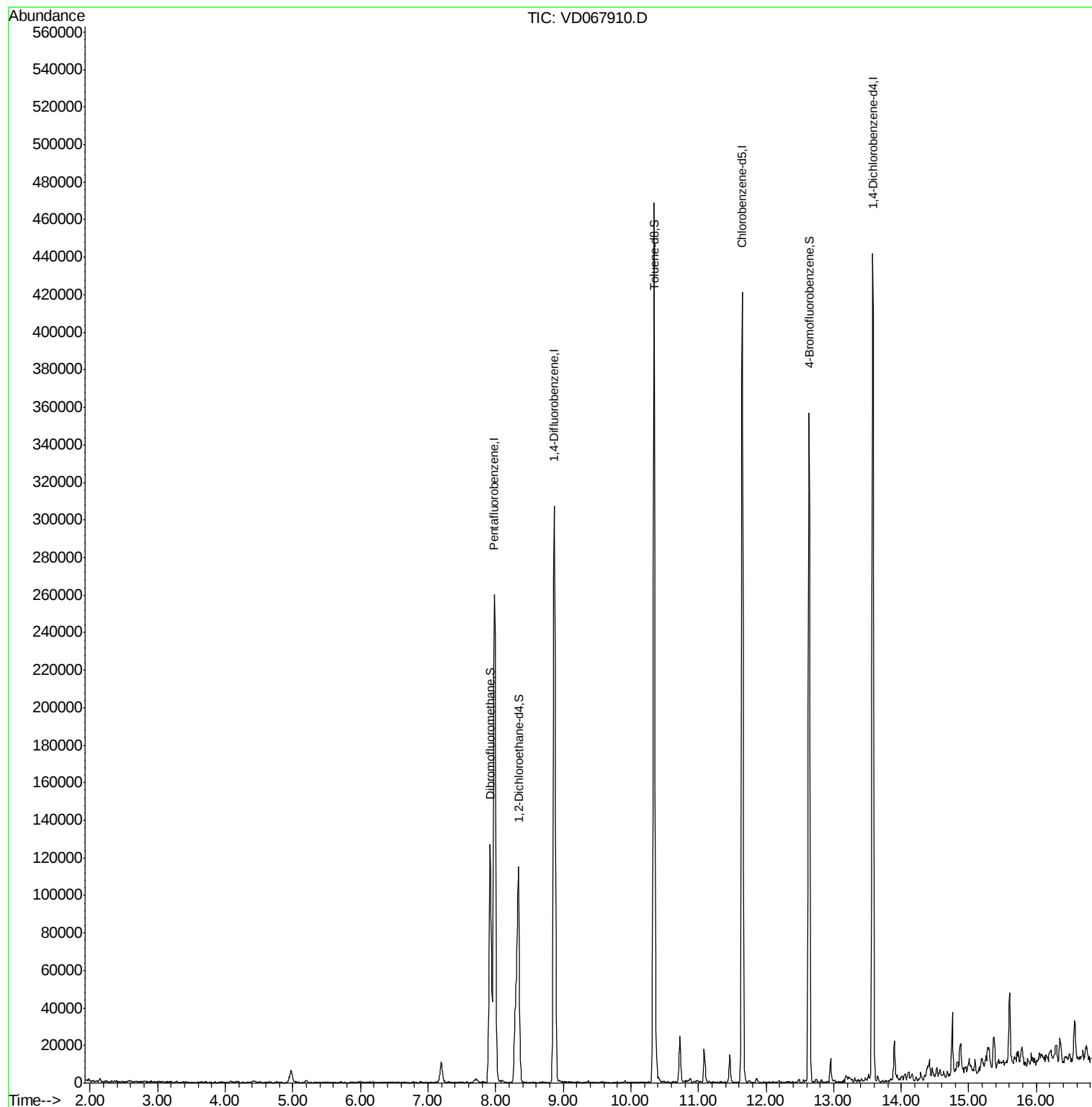
Target Compounds	Qvalue
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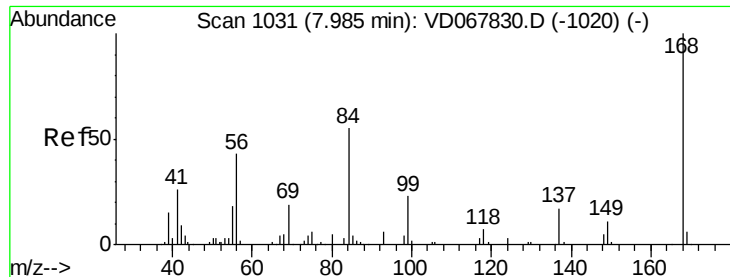
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067910.D

Acq: 08 Dec 2020 12:47

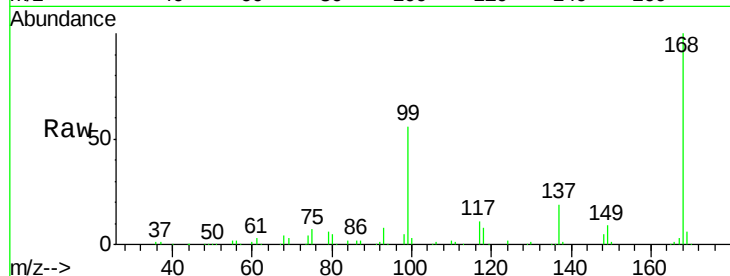
Instrument :
MSVOA_D
ClientSampleId :
CRT002

Tot Ion:168 Resp: 204378

Ion Ratio Lower Upper

168 100

99 55.7 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

80000

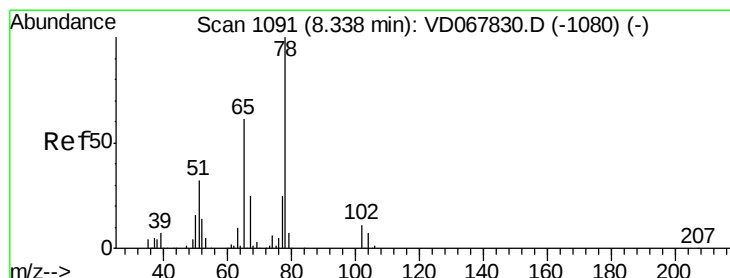
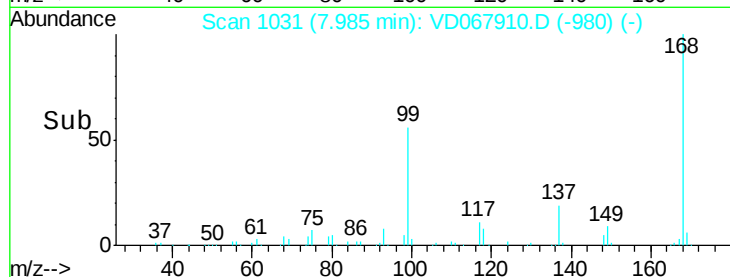
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.063 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067910.D

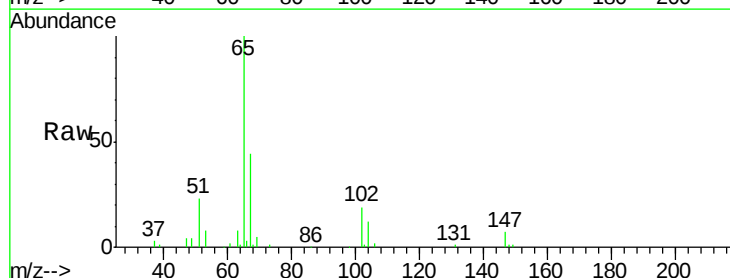
Acq: 08 Dec 2020 12:47

Tgt Ion: 65 Resp: 98871

Ion Ratio Lower Upper

65 100

67 47.6 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

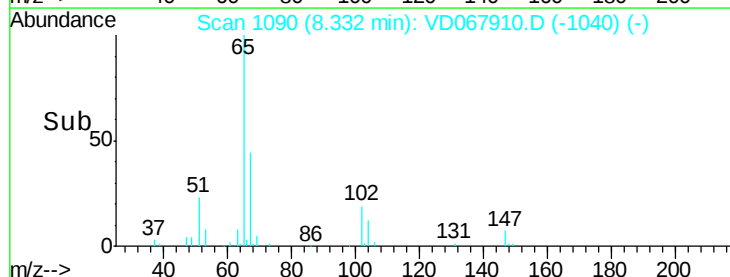
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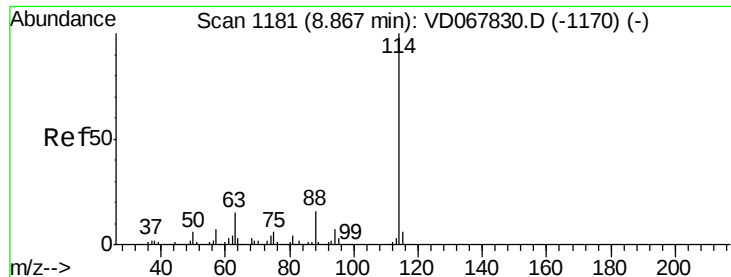
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10000

0

Time-->

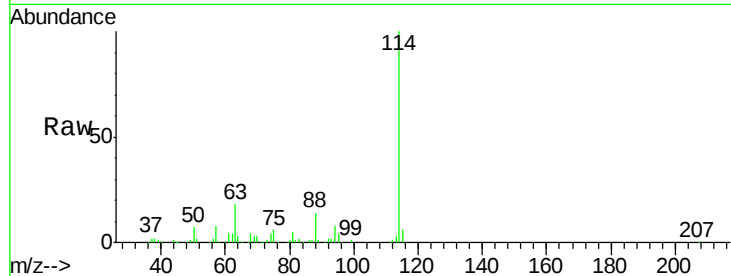




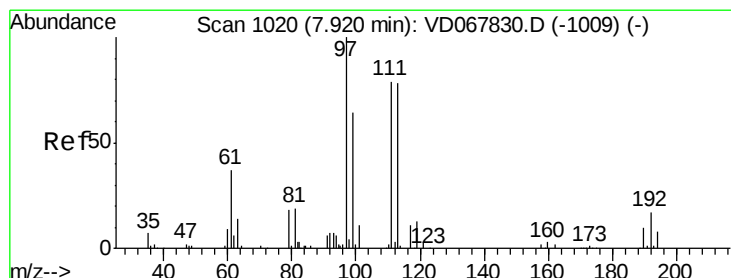
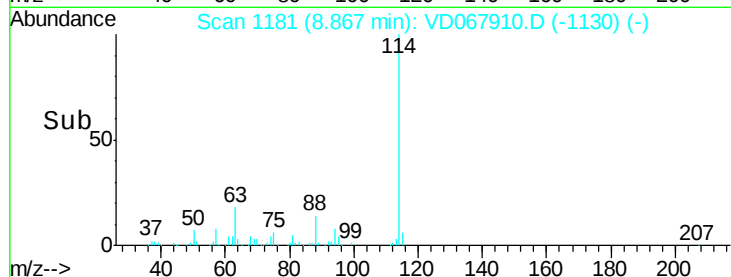
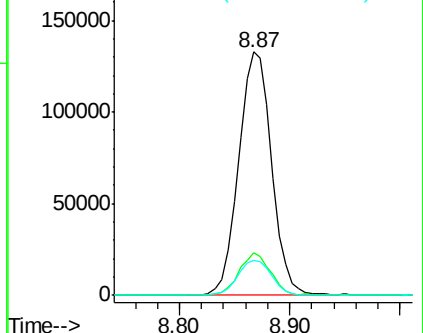
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067910.D
 Acq: 08 Dec 2020 12:47

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT002

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	30.8
88	14.3	0.0	31.8

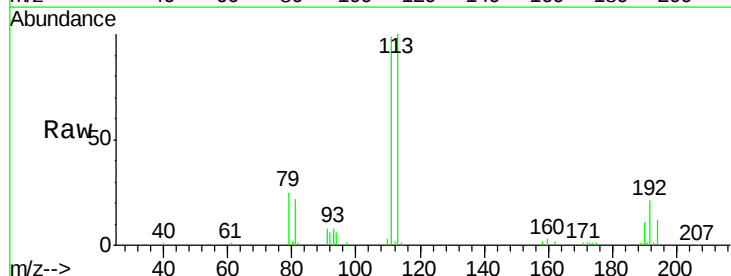


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

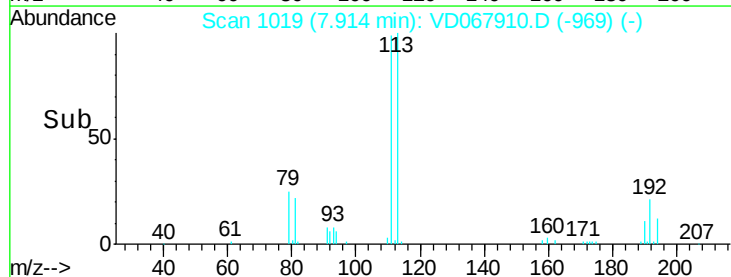
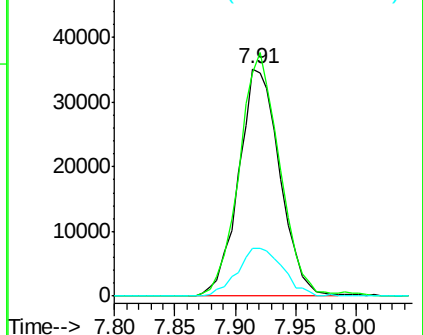


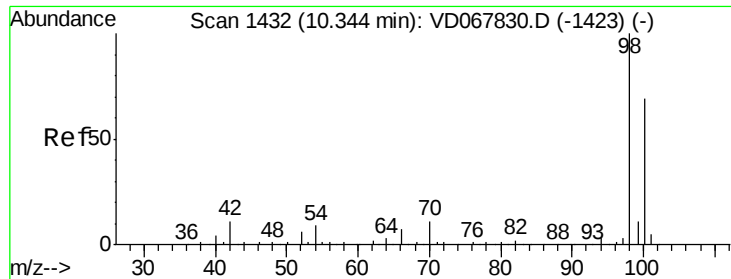
#35
 Dibromofluoromethane
 Concen: 44.744 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067910.D
 Acq: 08 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.2	121.8
192	23.2	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

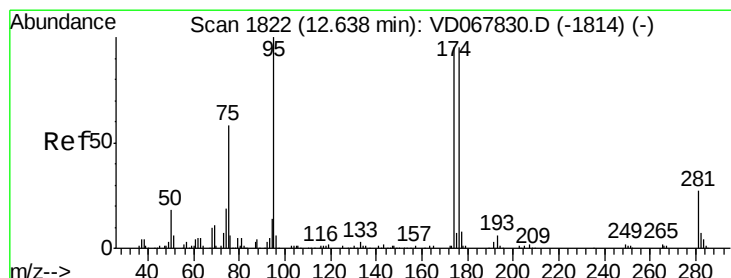
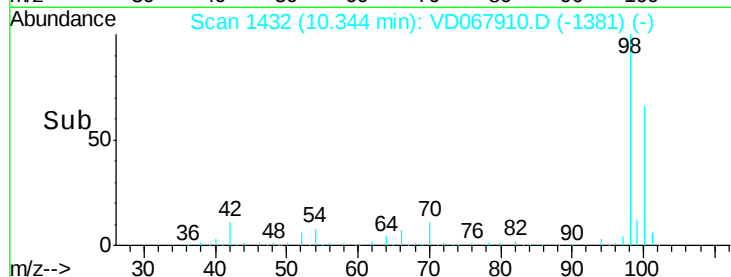
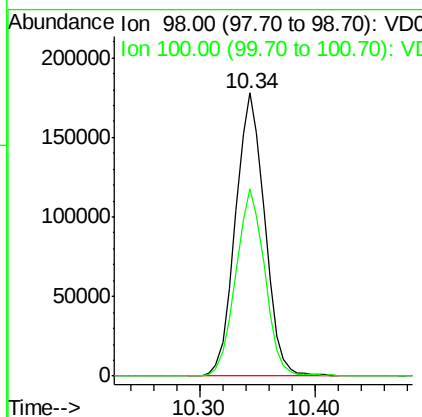
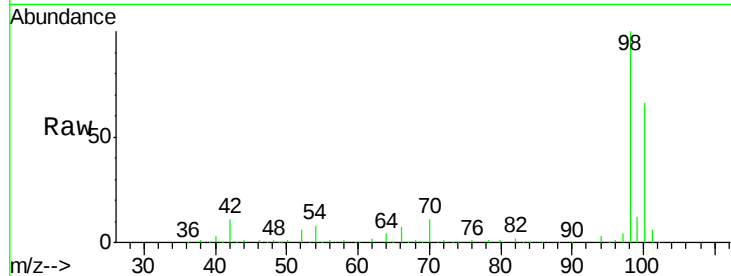




#50
Toluene-d8
Concen: 46.575 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067910.D
Acq: 08 Dec 2020 12:47

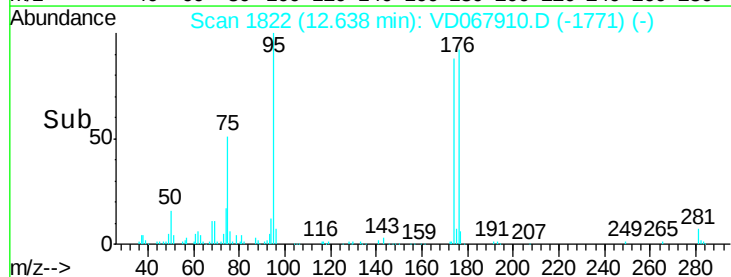
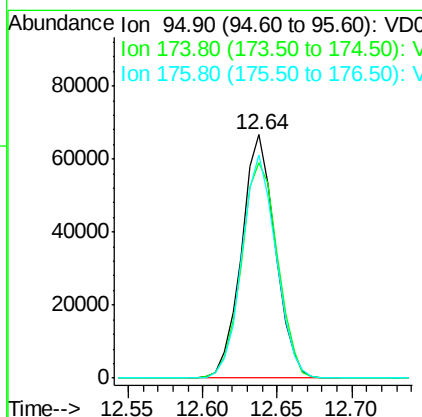
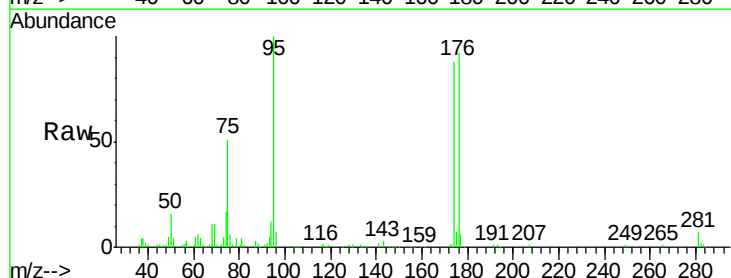
Instrument :
MSVOA_D
ClientSampleId :
CRT002

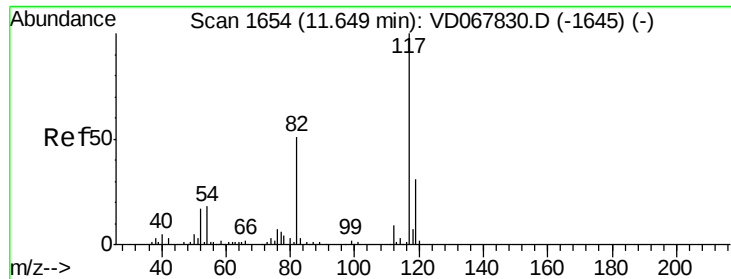
Tot Ion: 98 Resp: 312355
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.939 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067910.D
Acq: 08 Dec 2020 12:47

Tgt Ion: 95 Resp: 104196
Ion Ratio Lower Upper
95 100
174 95.0 0.0 186.0
176 93.2 0.0 184.2

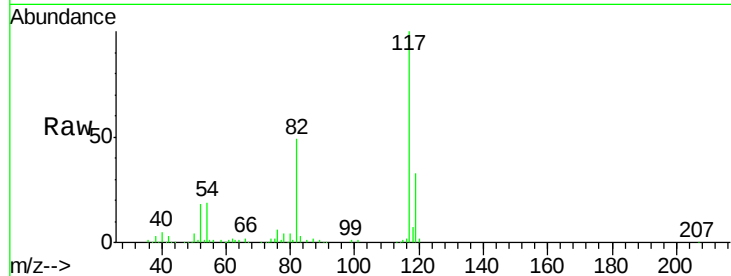




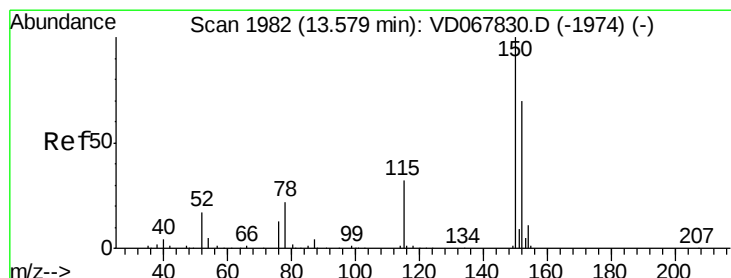
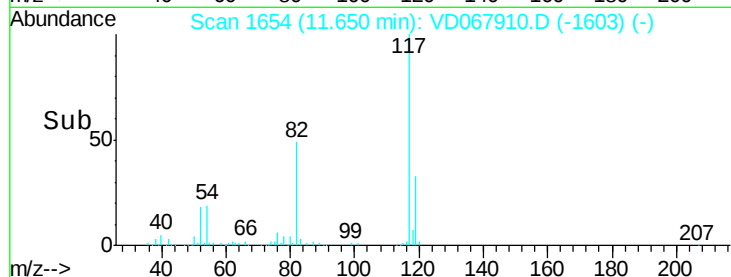
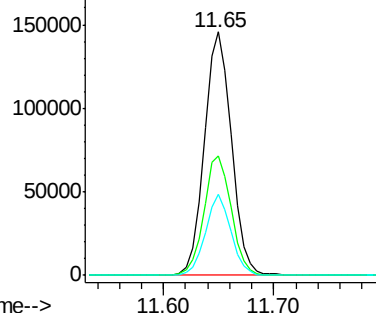
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067910.D
Acq: 08 Dec 2020 12:47

Instrument :
MSVOA_D
ClientSampleId :
CRT002

Tot Ion:117 Resp: 250374
Ion Ratio Lower Upper
117 100
82 49.0 40.6 60.8
119 33.3 25.1 37.7

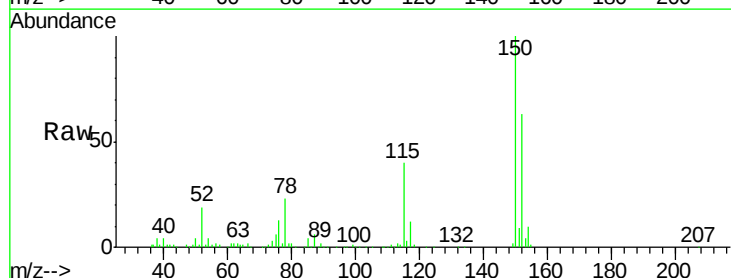


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067910.D
Acq: 08 Dec 2020 12:47

Tgt Ion:152 Resp: 120754
Ion Ratio Lower Upper
152 100
115 59.7 29.1 87.4
150 161.0 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

