

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067109.D
 Acq On : 06 Oct 2020 15:50
 Operator : VA/SY
 Sample : L4272-30
 Misc : 7.53G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-3-(6.5)

Quant Time: Oct 07 01:43:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

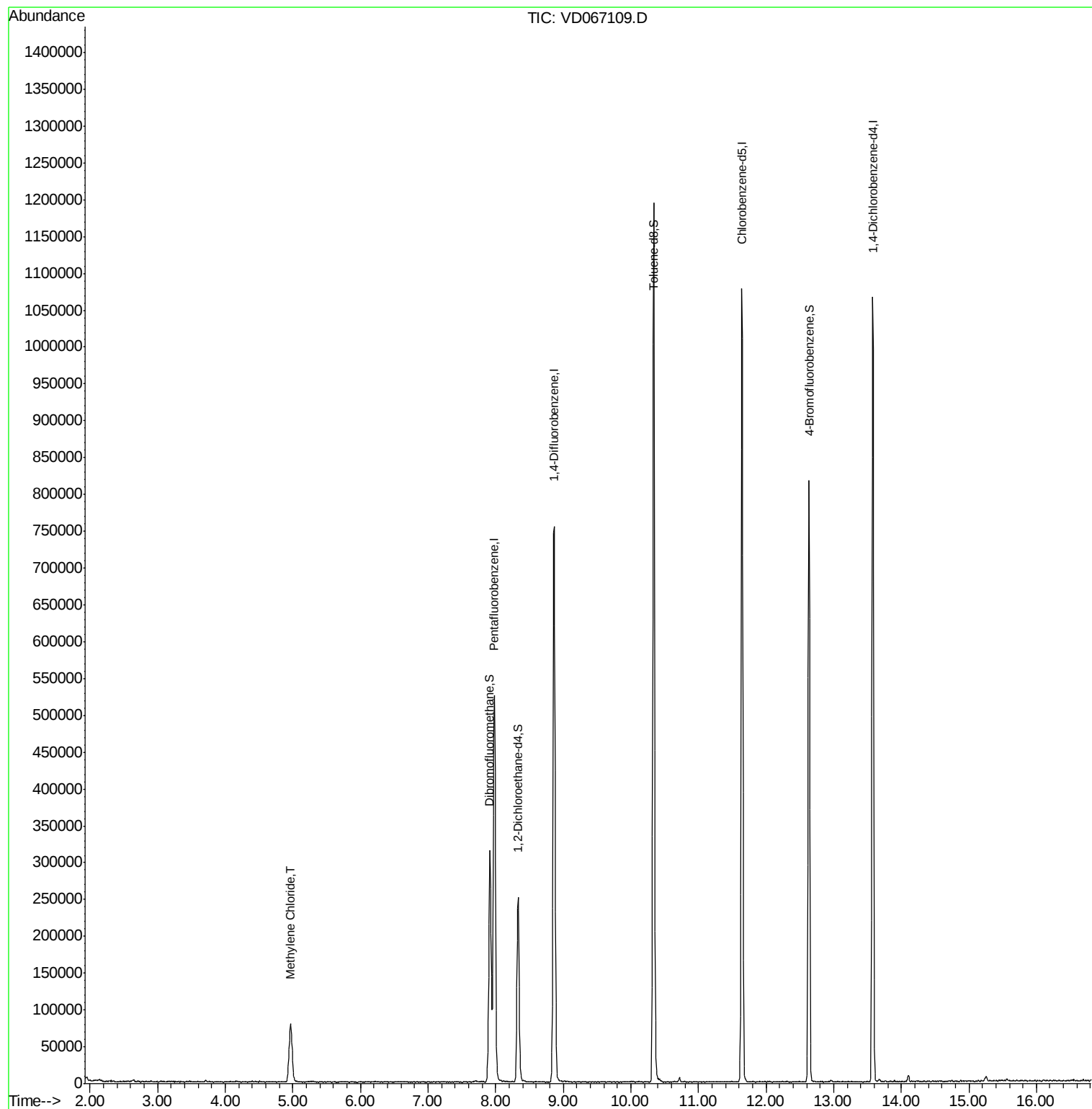
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	412915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	698303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	648708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	297617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	209781	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
35) Dibromofluoromethane	7.92	113	227607	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.34	98	826847	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.64	95	268431	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
Target Compounds						
20) Methylene Chloride	4.97	84	65402	9.252	ug/l	Qvalue 95

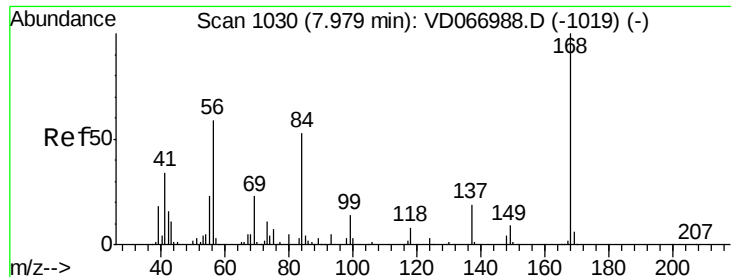
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100620\
Data File : VD067109.D
Acq On : 06 Oct 2020 15:50
Operator : VA/SY
Sample : L4272-30
Misc : 7.53G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SC-3-(6.5)

Quant Time: Oct 07 01:43:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067109.D

Acq: 06 Oct 2020 15:50

Instrument :

MSVOA_D

ClientSampleId :

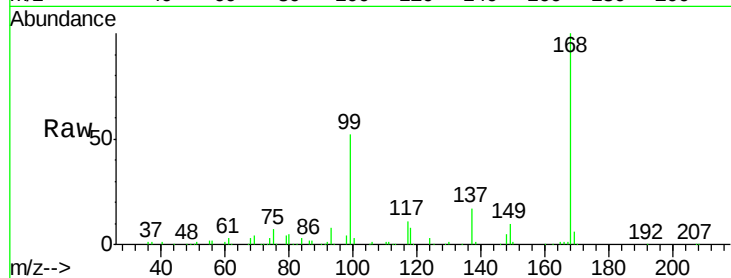
SC-3-(6.5)

Tot Ion:168 Resp: 412915

Ion Ratio Lower Upper

168 100

99 52.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

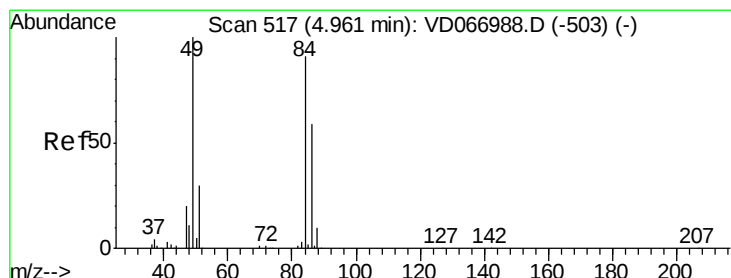
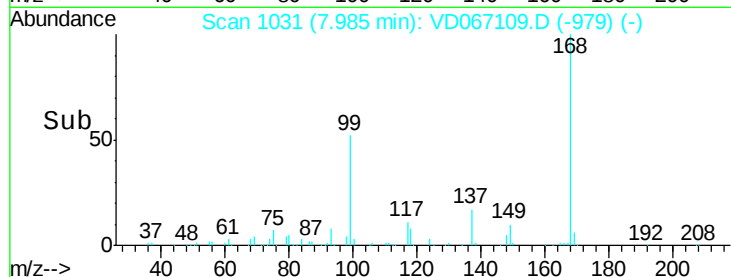
100000

50000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 9.252 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067109.D

Acq: 06 Oct 2020 15:50

Tgt Ion: 84 Resp: 65402

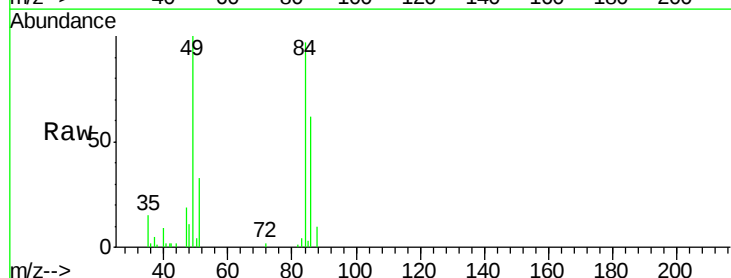
Ion Ratio Lower Upper

84 100

49 102.7 88.2 132.2

51 34.1 26.6 39.8

86 63.8 52.1 78.1



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

30000

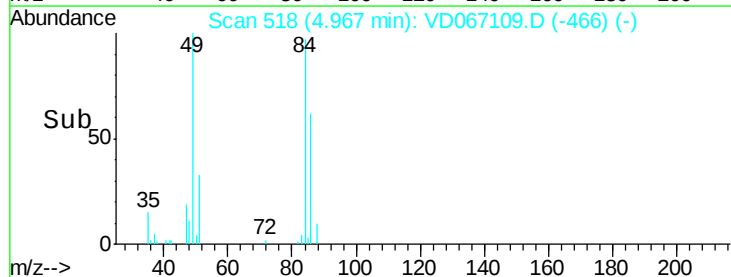
20000

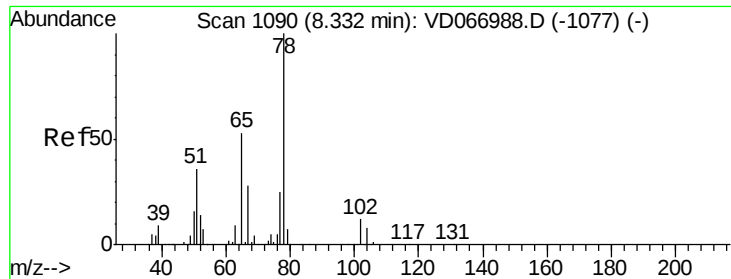
10000

0

Time-->

4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 52.746 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067109.D

Acq: 06 Oct 2020 15:50

Instrument :

MSVOA_D

ClientSampleId :

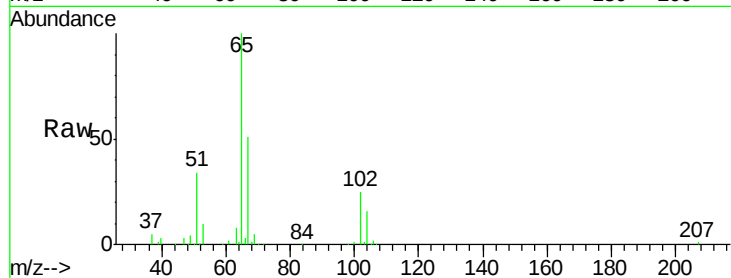
SC-3-(6.5)

Tot Ion: 65 Resp: 209781

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

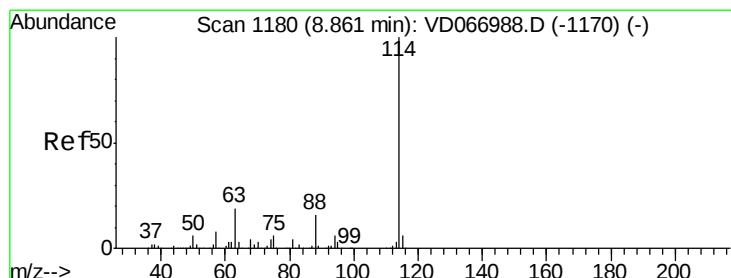
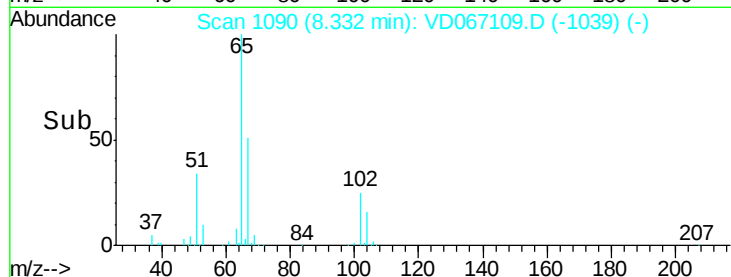
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067109.D

Acq: 06 Oct 2020 15:50

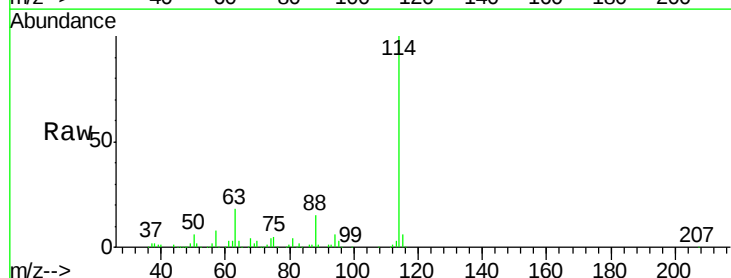
Tgt Ion: 114 Resp: 698303

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 15.3 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

400000

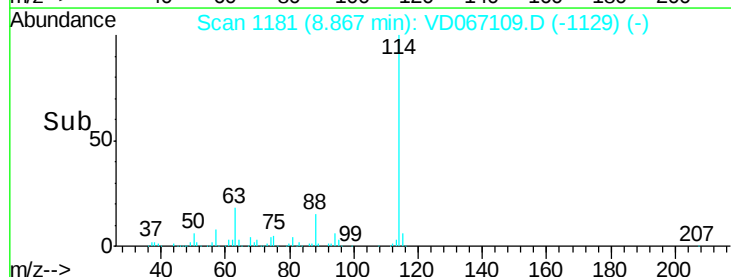
300000

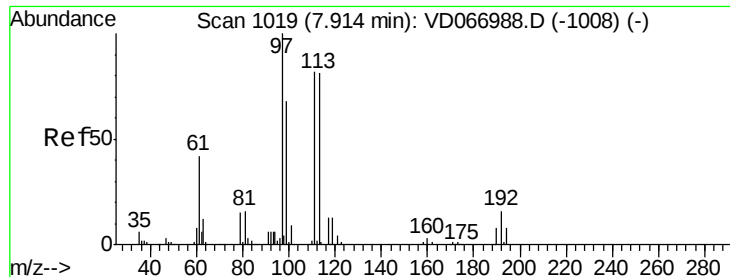
200000

100000

0

Time--> 8.80 8.90 9.00

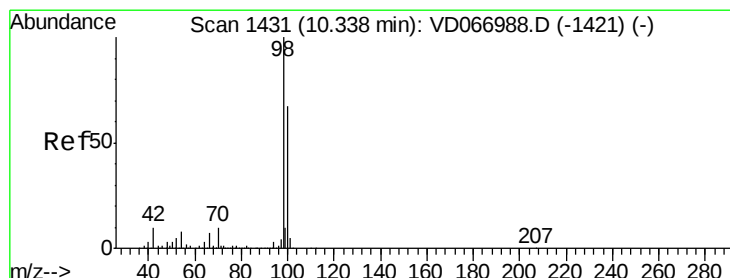
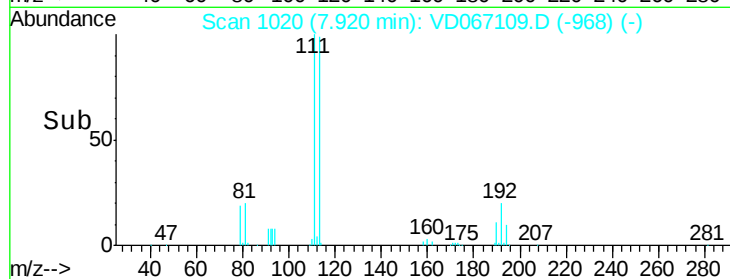
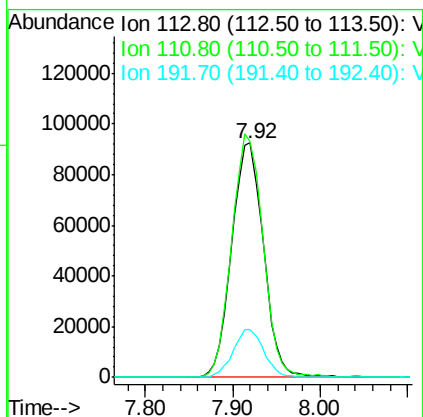
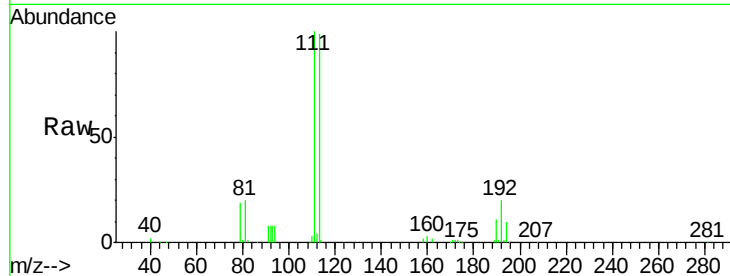




#35
Dibromofluoromethane
Concen: 49.787 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067109.D
Acq: 06 Oct 2020 15:50

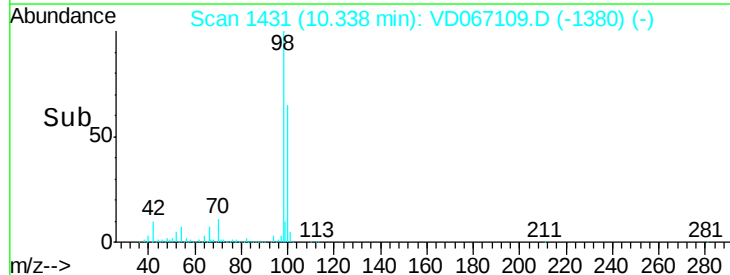
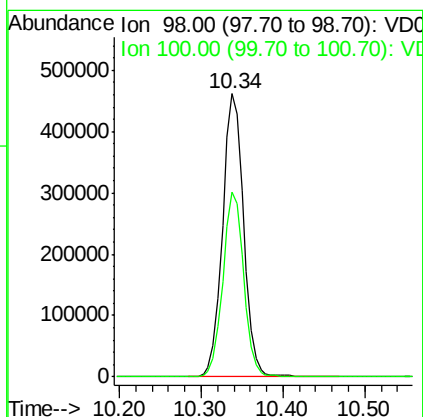
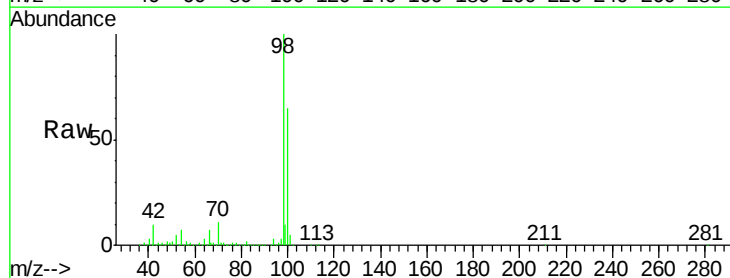
Instrument :
MSVOA_D
ClientSampleId :
SC-3-(6.5)

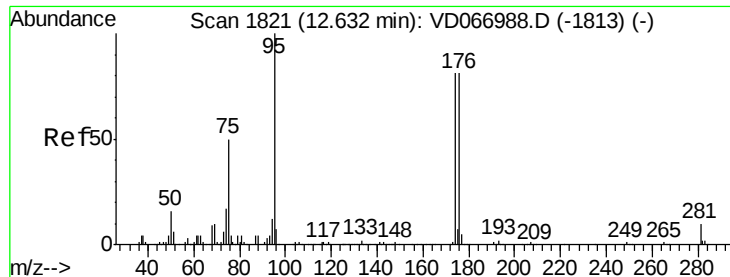
Tot Ion:113 Resp: 227607
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.4
192 19.9 15.5 23.3



#50
Toluene-d8
Concen: 49.635 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067109.D
Acq: 06 Oct 2020 15:50

Tgt Ion: 98 Resp: 826847
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2

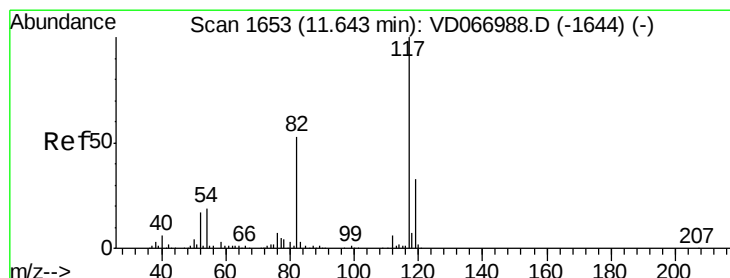
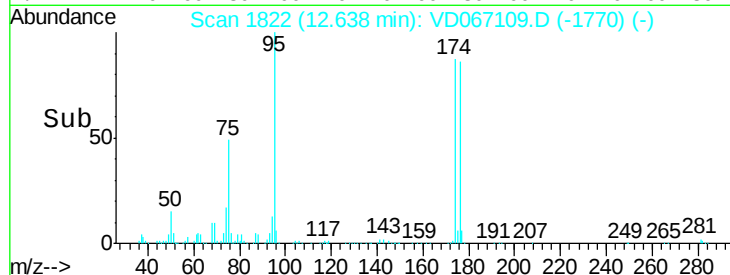
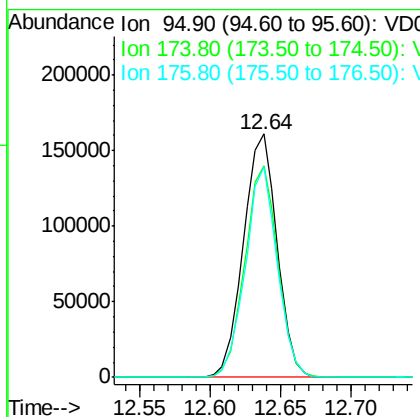
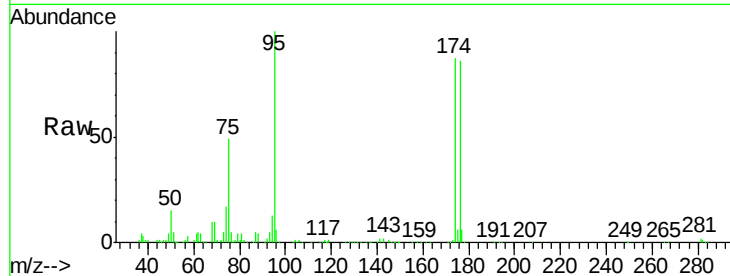




#62
4-Bromofluorobenzene
Concen: 47.466 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067109.D
Acq: 06 Oct 2020 15:50

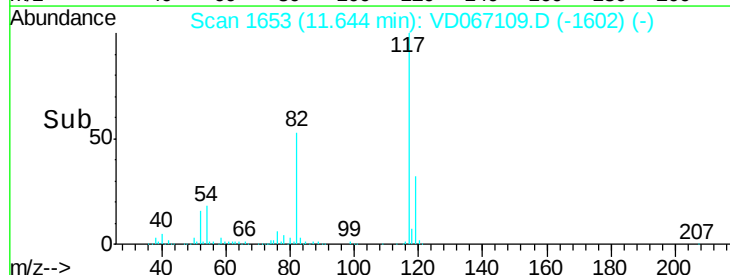
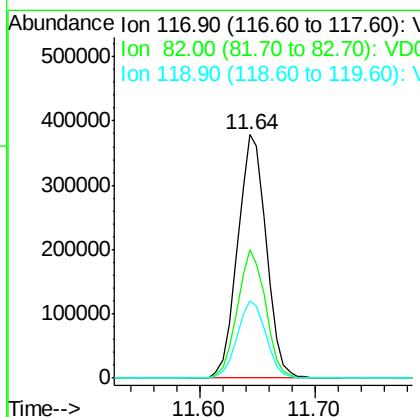
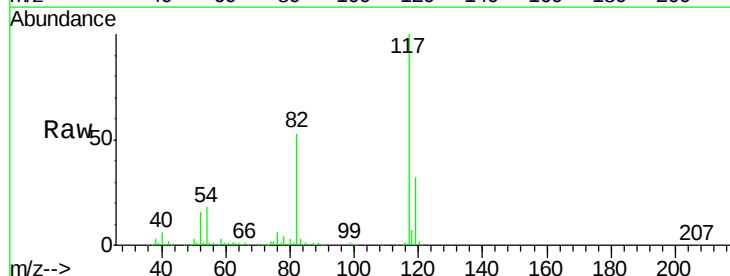
Instrument :
MSVOA_D
ClientSampleId :
SC-3-(6.5)

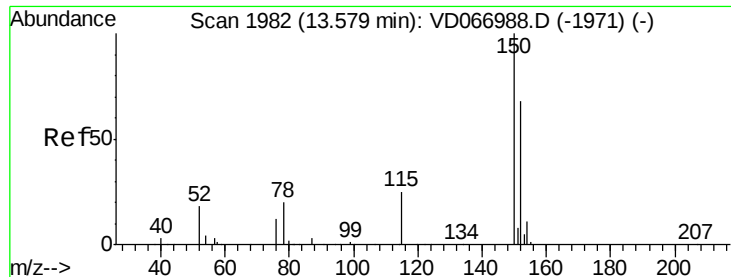
Tot Ion: 95 Resp: 268431
Ion Ratio Lower Upper
95 100
174 85.6 0.0 167.6
176 82.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067109.D
Acq: 06 Oct 2020 15:50

Tgt Ion: 117 Resp: 648708
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067109.D

Acq: 06 Oct 2020 15:50

Instrument :

MSVOA_D

ClientSampleId :

SC-3-(6.5)

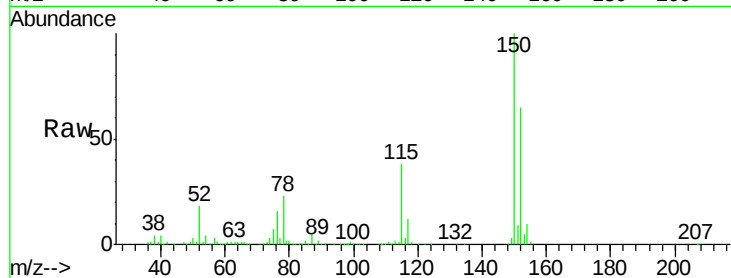
Tot Ion:152 Resp: 297617

Ion Ratio Lower Upper

152 100

115 59.7 29.6 88.8

150 159.4 0.0 344.8



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

