

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067016.D
 Acq On : 02 Oct 2020 03:19
 Operator : VA/SY
 Sample : L4198-31
 Misc : 6.83G/5.00ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-4

Quant Time: Oct 02 04:21:03 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

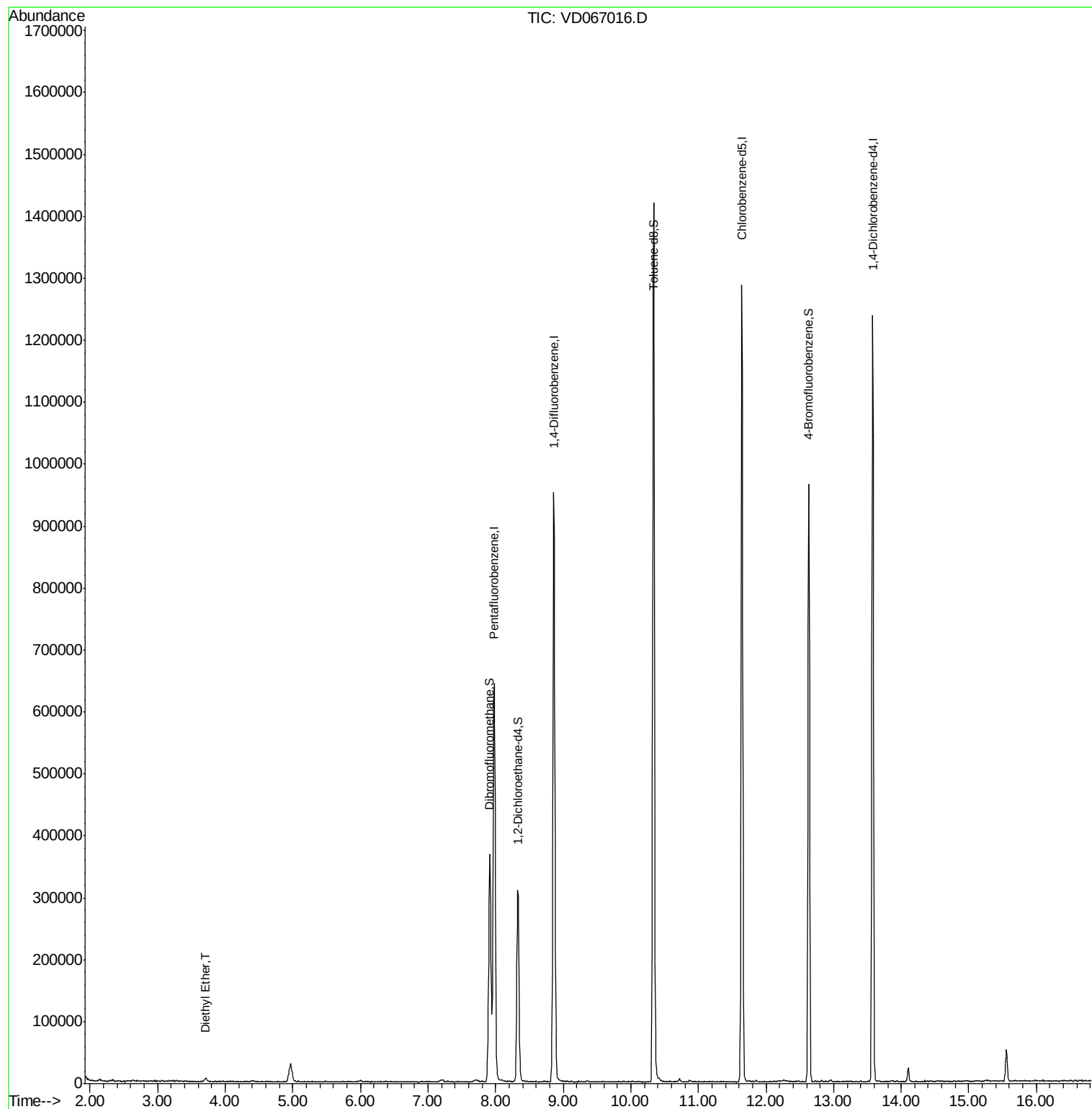
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	485252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	831259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	748620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	332275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	248605	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
35) Dibromofluoromethane	7.91	113	267135	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	10.34	98	982809	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.63	95	312048	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
Target Compounds						
8) Diethyl Ether	3.71	74	3424	1.604	ug/l	Qvalue 97

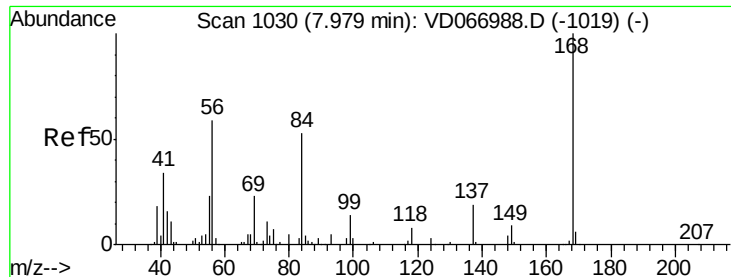
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100120\
Data File : VD067016.D
Acq On : 02 Oct 2020 03:19
Operator : VA/SY
Sample : L4198-31
Misc : 6.83G/5.00ml/MSVOA D/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-4

Quant Time: Oct 02 04:21:03 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# 1030

Delta R.T. 0.00 min

Lab File: VD067016.D

Acq: 02 Oct 2020 03:19

Instrument :

MSVOA_D

ClientSampleId :

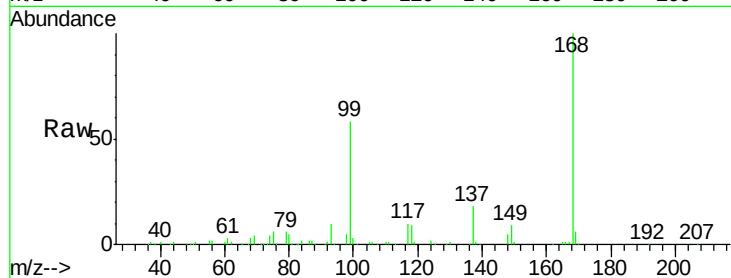
RO-4

Tot Ion:168 Resp: 485252

Ion Ratio Lower Upper

168 100

99 58.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

250000

200000

150000

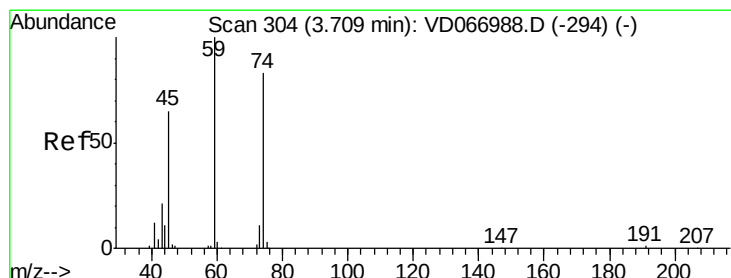
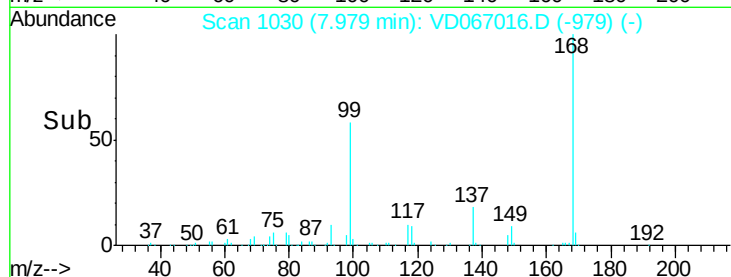
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#8

Diethyl Ether

Concen: 1.604 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD067016.D

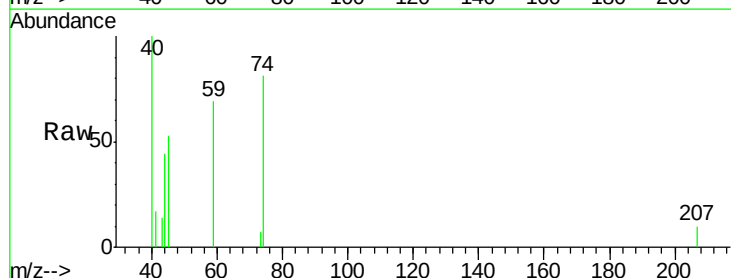
Acq: 02 Oct 2020 03:19

Tgt Ion: 74 Resp: 3424

Ion Ratio Lower Upper

74 100

45 89.2 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

2000

1500

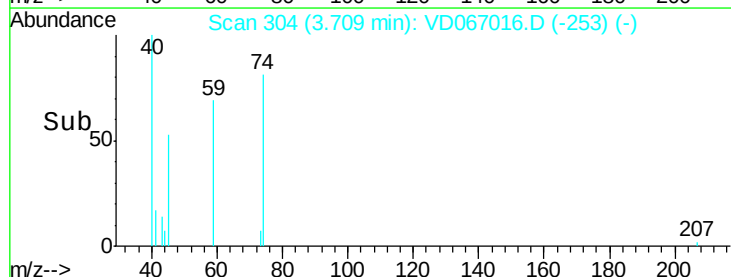
1000

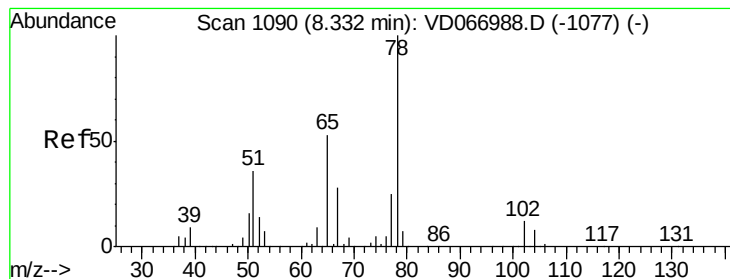
500

0

3.65 3.70 3.75

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.190 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD067016.D

Acq: 02 Oct 2020 03:19

Instrument :

MSVOA_D

ClientSampleId :

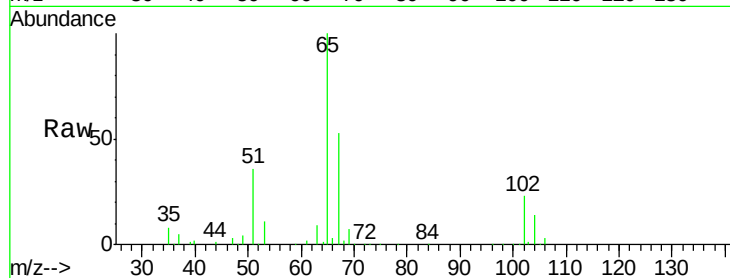
RO-4

Tot Ion: 65 Resp: 248605

Ion Ratio Lower Upper

65 100

67 52.1 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

120000

100000

80000

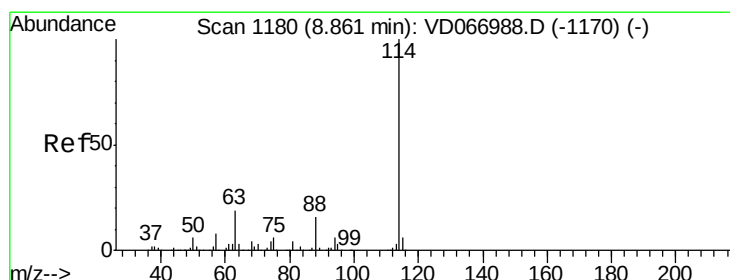
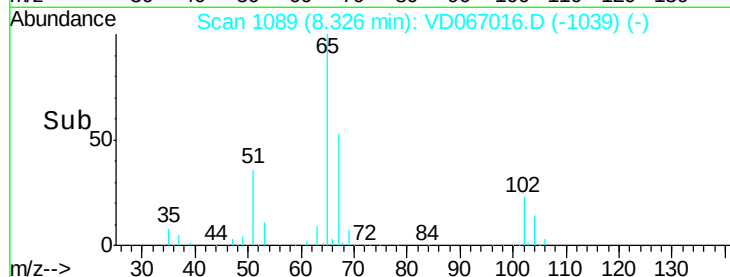
60000

40000

20000

0

Time--> 8.20 8.30 8.40 8.50



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067016.D

Acq: 02 Oct 2020 03:19

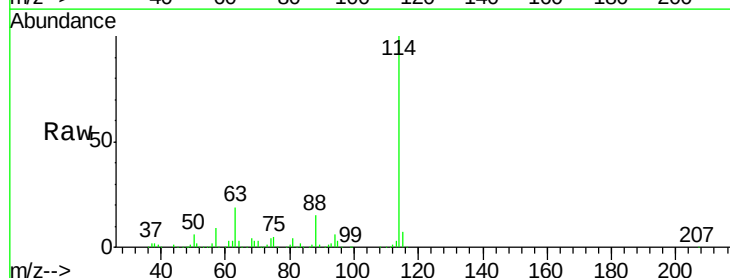
Tgt Ion: 114 Resp: 831259

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 15.3 0.0 31.2



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

8.86

500000

400000

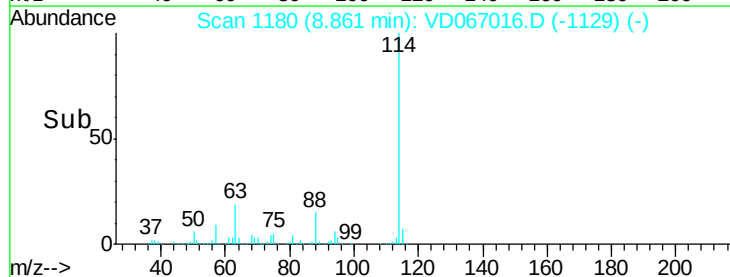
300000

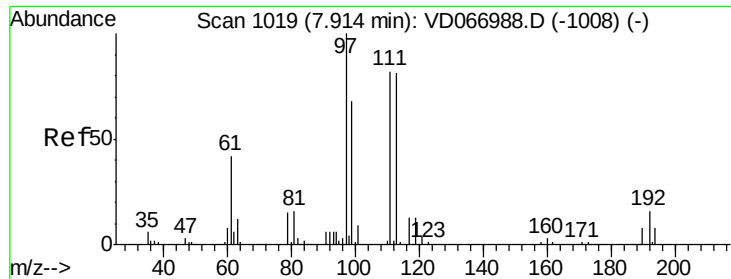
200000

100000

0

Time--> 8.75 8.80 8.85 8.90 8.95

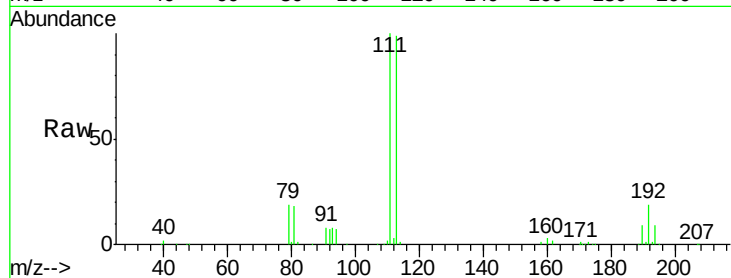




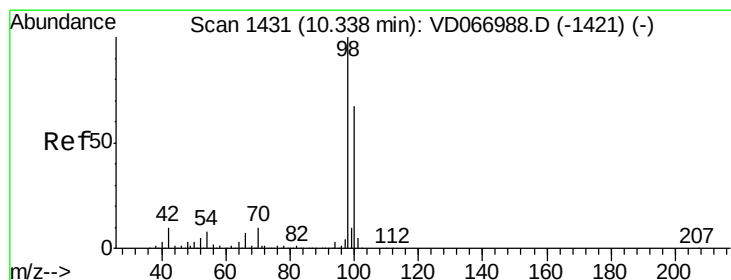
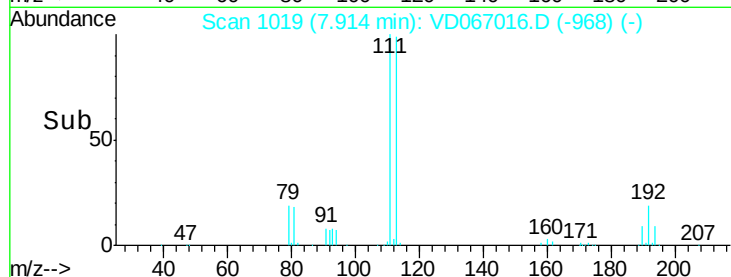
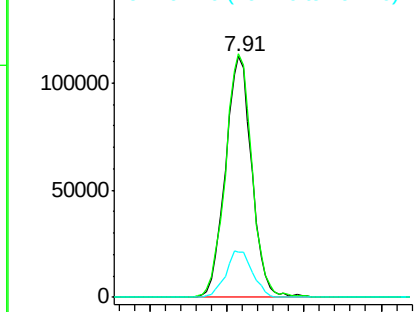
#35
Dibromofluoromethane
Concen: 49.087 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067016.D
Acq: 02 Oct 2020 03:19

Instrument :
MSVOA_D
ClientSampleId :
RO-4

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	19.9	15.5	23.3

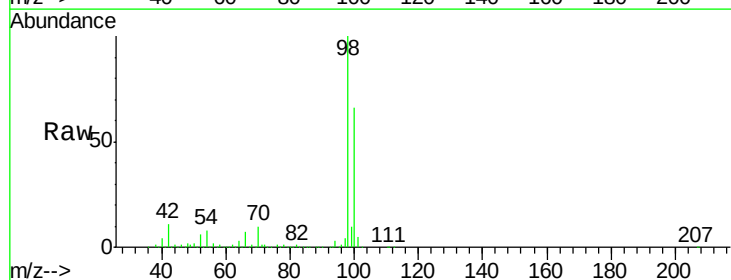


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

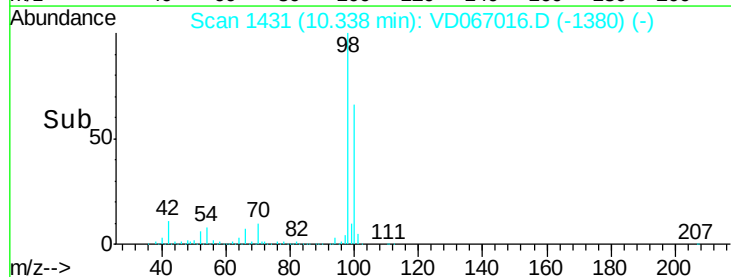
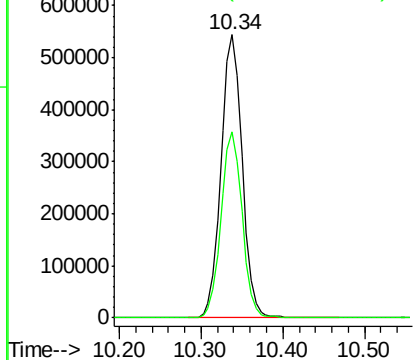


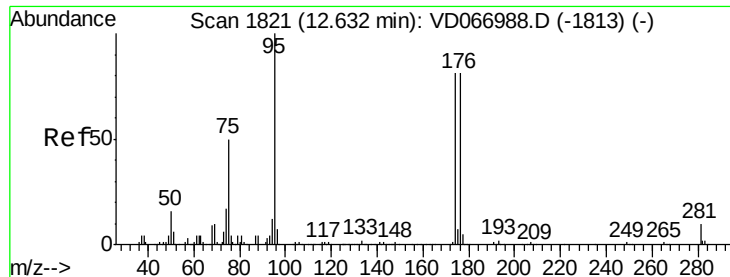
#50
Toluene-d8
Concen: 49.561 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067016.D
Acq: 02 Oct 2020 03:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.8	79.2



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

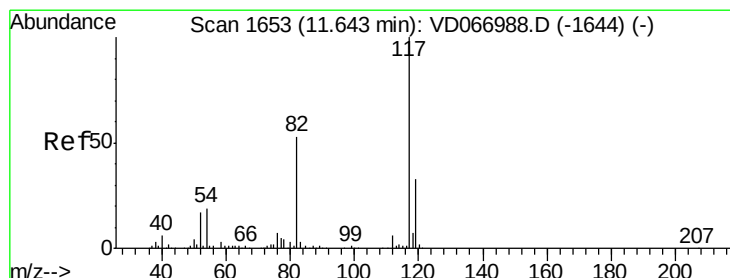
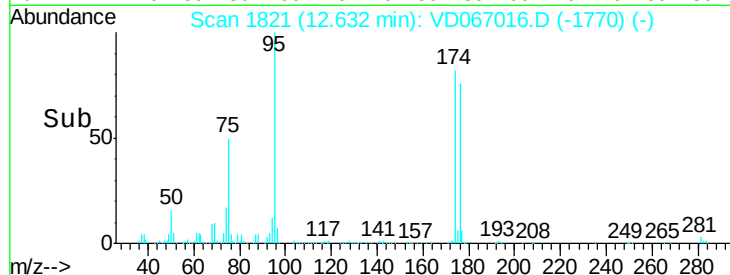
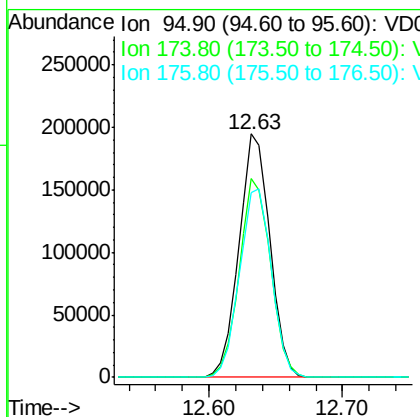
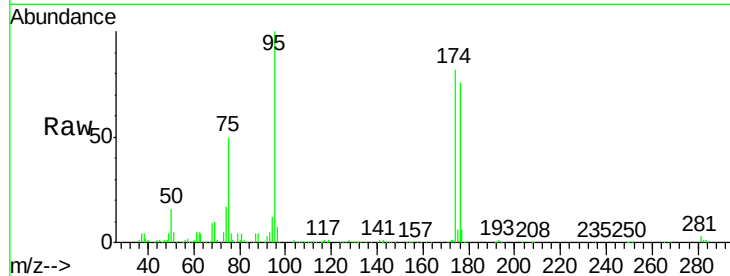




#62
4-Bromofluorobenzene
Concen: 46.353 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067016.D
Acq: 02 Oct 2020 03:19

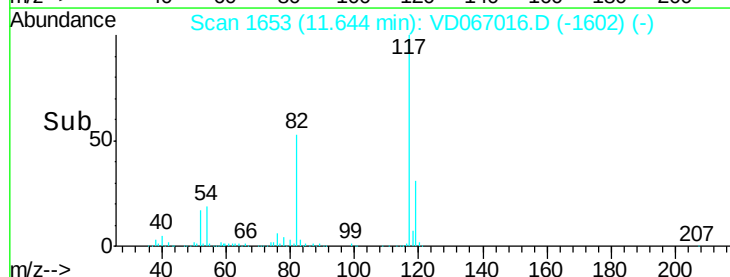
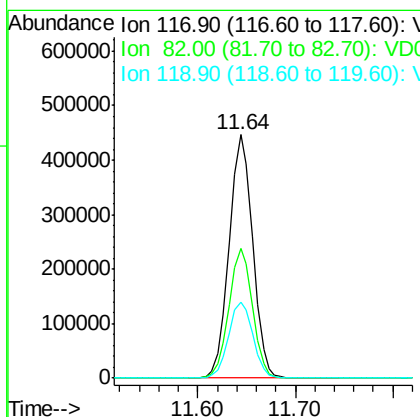
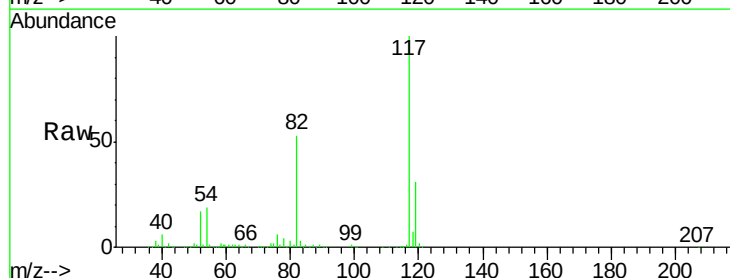
Instrument :
MSVOA_D
ClientSampled :
RO-4

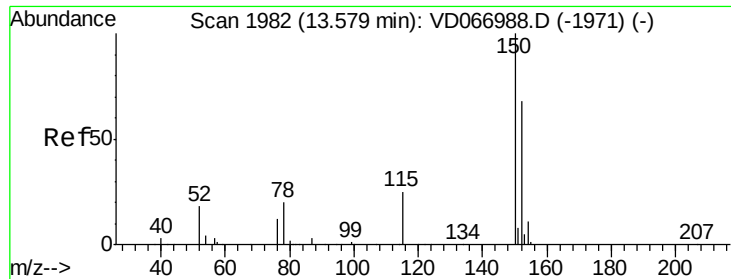
Tot Ion: 95 Resp: 312048
Ion Ratio Lower Upper
95 100
174 82.3 0.0 167.6
176 79.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067016.D
Acq: 02 Oct 2020 03:19

Tgt Ion: 117 Resp: 748620
Ion Ratio Lower Upper
117 100
82 53.5 42.6 63.8
119 31.4 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: VD067016.D

Acq: 02 Oct 2020 03:19

Instrument :

MSVOA_D

ClientSampleId :

RO-4

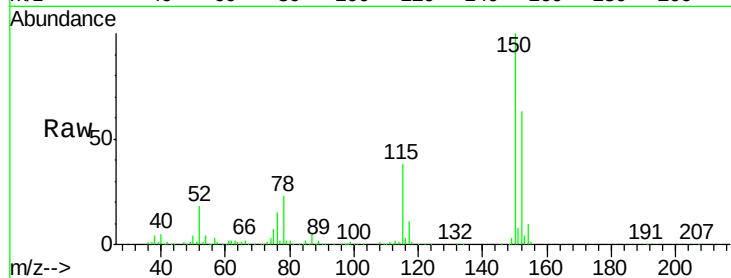
Tot Ion:152 Resp: 332275

Ion Ratio Lower Upper

152 100

115 58.5 29.6 88.8

150 156.6 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

