

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071620\
 Data File : VD065956.D
 Acq On : 16 Jul 2020 14:50
 Operator : VA/SY
 Sample : L3310-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 17 04:05:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

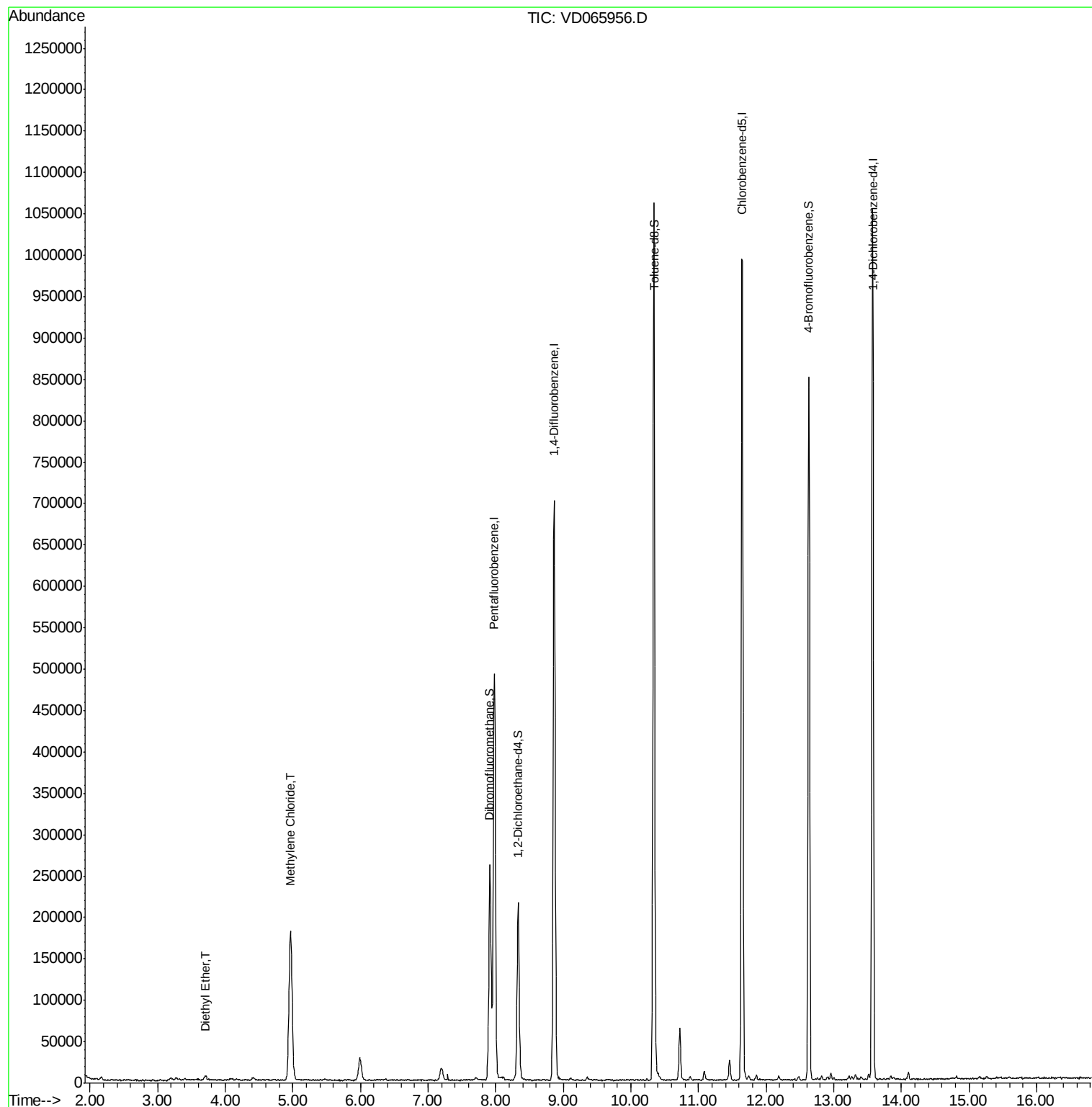
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	401217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	624644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	615521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	298943	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	162035	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
35) Dibromofluoromethane	7.91	113	186420	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	10.34	98	732971	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.63	95	273871	56.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.44%	
Target Compounds						
8) Diethyl Ether	3.70	74	2404	1.259	ug/l	96
20) Methylene Chloride	4.96	84	141592	26.795	ug/l	94

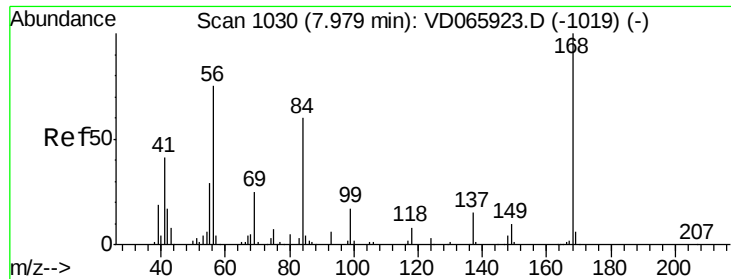
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD071620\
Data File : VD065956.D
Acq On : 16 Jul 2020 14:50
Operator : VA/SY
Sample : L3310-02
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 17 04:05:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 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: VD065956.D

Acq: 16 Jul 2020 14:50

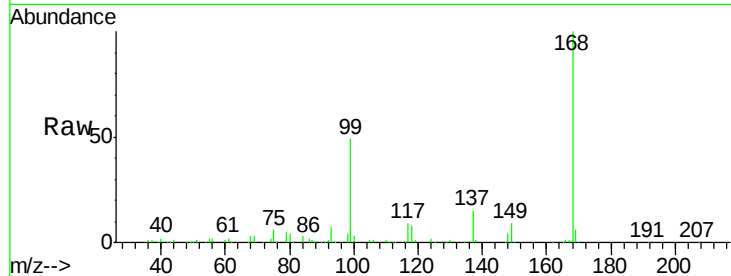
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 401217

Ion Ratio Lower Upper

168 100

99 49.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

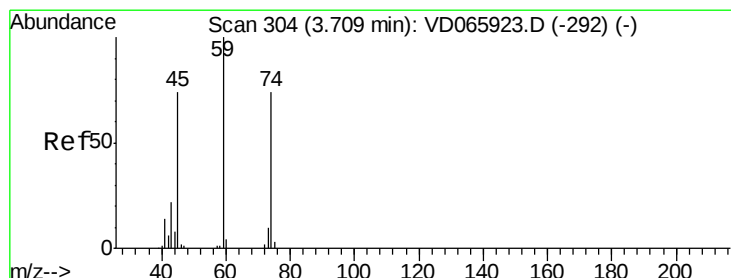
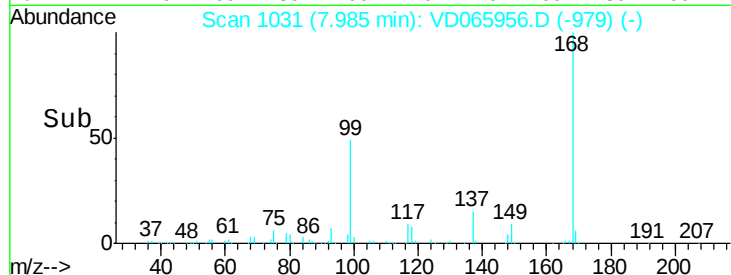
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.259 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD065956.D

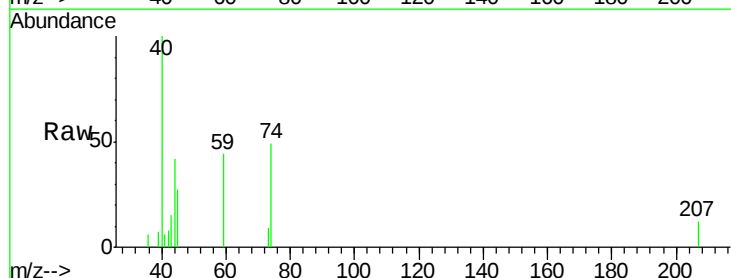
Acq: 16 Jul 2020 14:50

Tgt Ion: 74 Resp: 2404

Ion Ratio Lower Upper

74 100

45 98.0 51.1 153.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.70

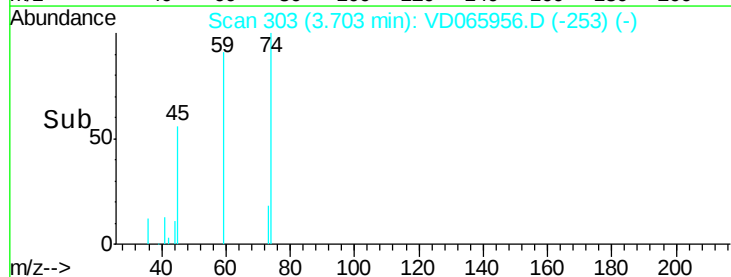
1500

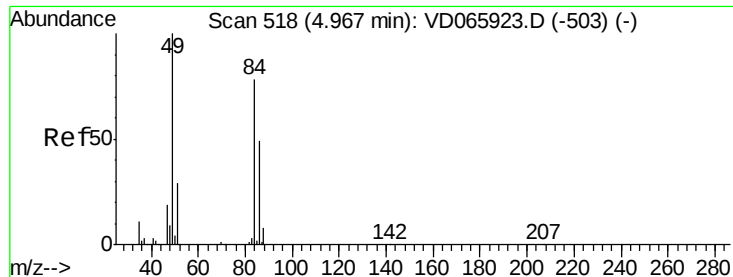
1000

500

0

Time-->

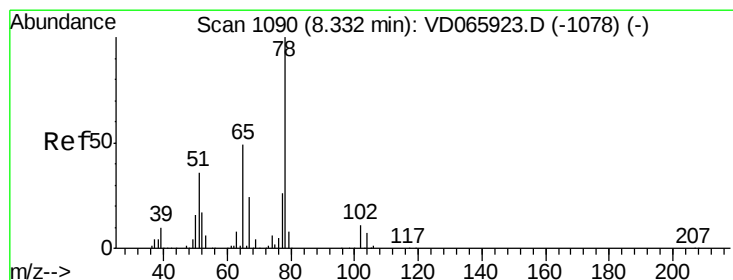
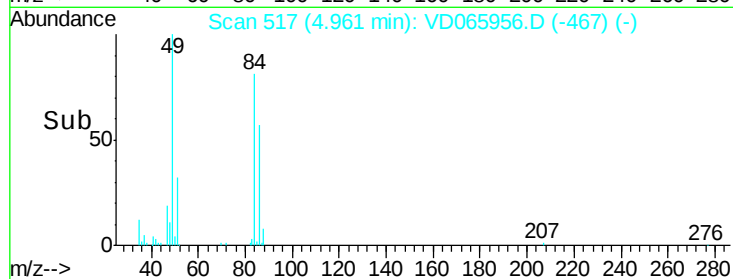
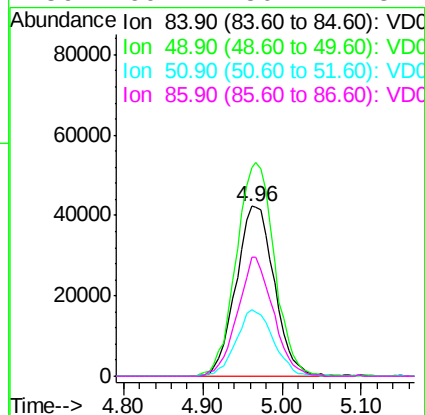
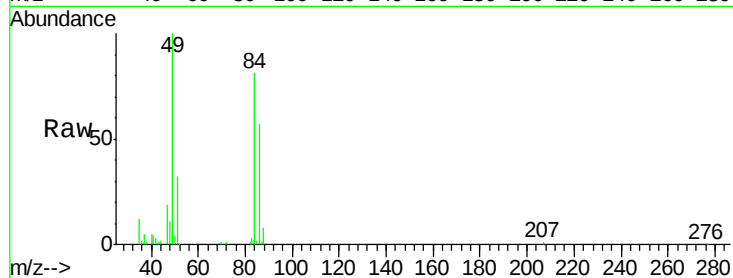




#20
Methylene Chloride
Concen: 26.795 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065956.D
Acq: 16 Jul 2020 14:50

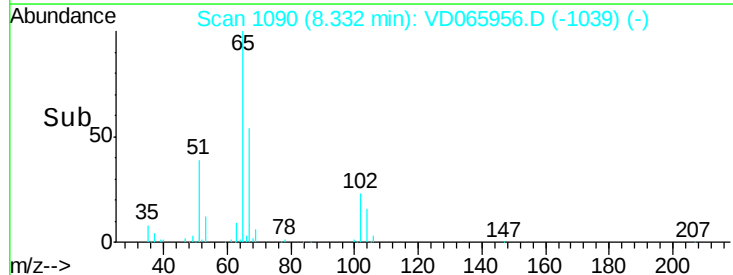
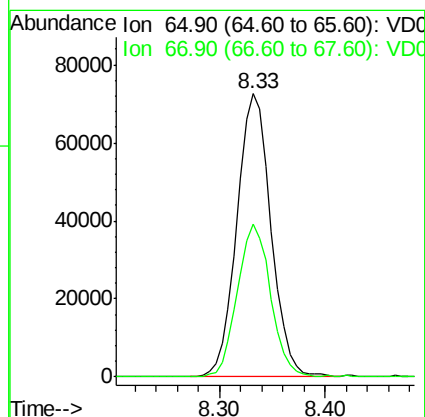
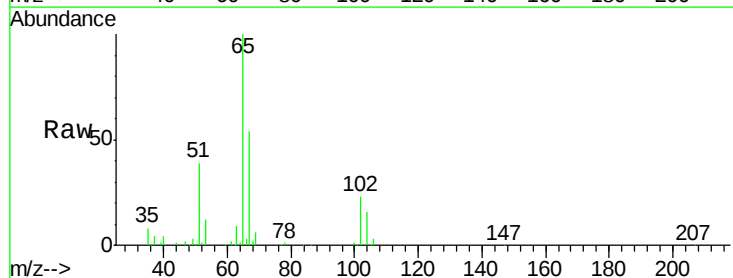
Instrument :
MSVOA_D
ClientSampleId :

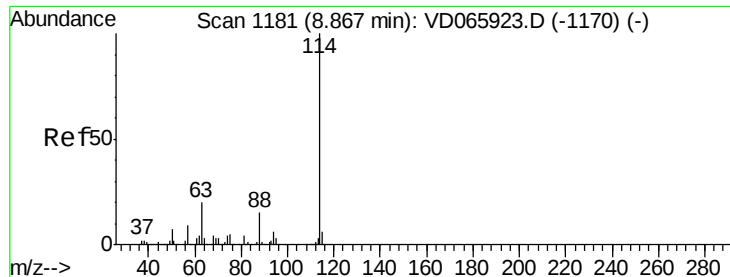
Tgt Ion:	84	Resp:	141592
Ion	Ratio	Lower	Upper
84	100		
49	122.7	102.2	153.2
51	39.4	29.8	44.6
86	69.7	50.2	75.2



#33
1,2-Dichloroethane-d4
Concen: 45.571 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065956.D
Acq: 16 Jul 2020 14:50

Tgt Ion:	65	Resp:	162035
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.6

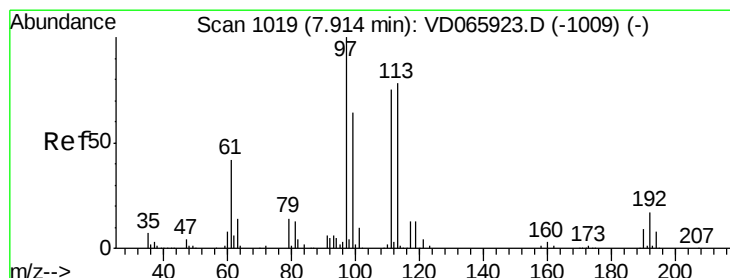
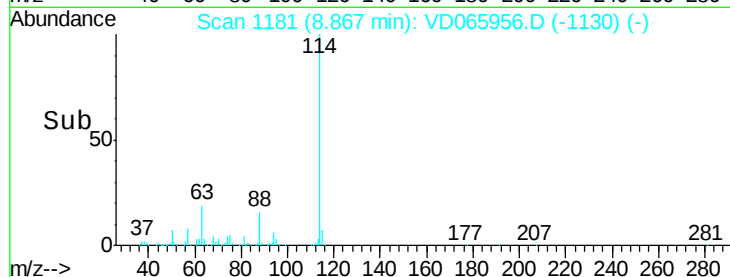
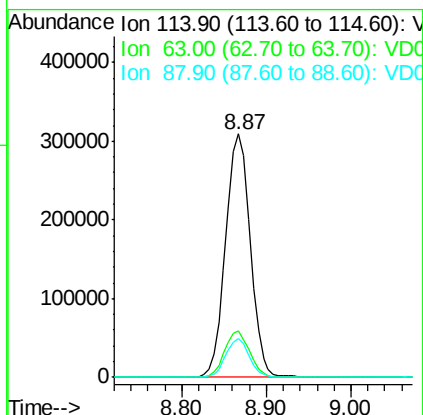
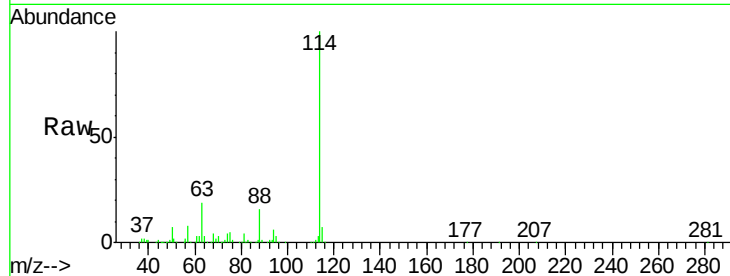




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065956.D
 Acq: 16 Jul 2020 14:50

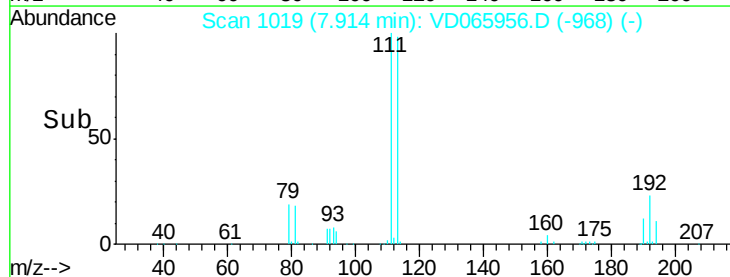
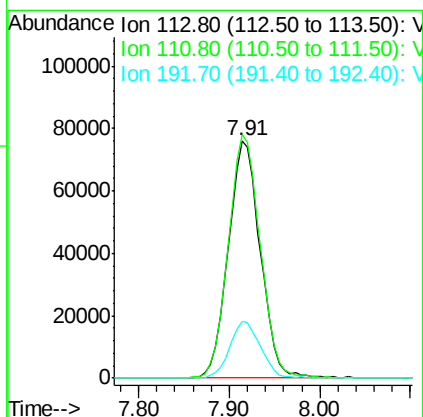
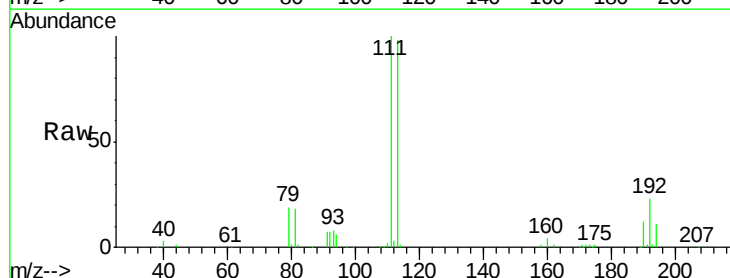
Instrument :
 MSVOA_D
 ClientSampleId :

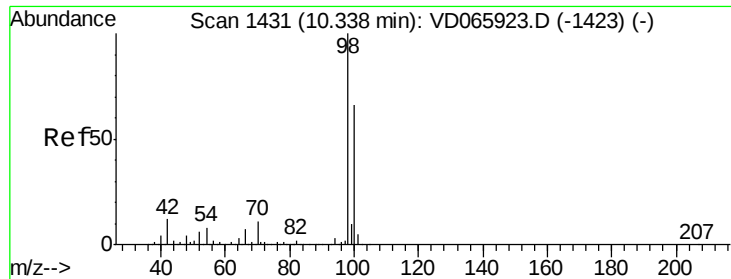
Tgt Ion:114 Resp: 624644
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.7 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 48.379 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065956.D
 Acq: 16 Jul 2020 14:50

Tgt Ion:113 Resp: 186420
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.9 121.3
 192 23.1 17.1 25.7





#50

Toluene-d8

Concen: 52.133 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD065956.D

Acq: 16 Jul 2020 14:50

Instrument :

MSVOA_D

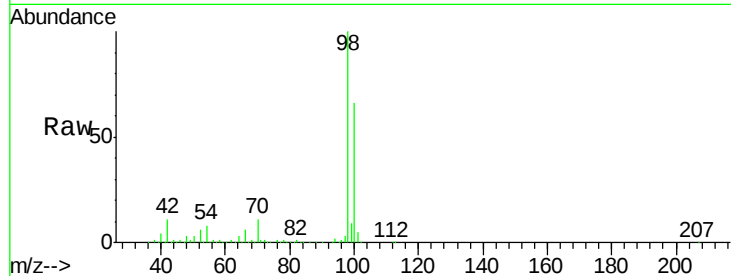
ClientSampleId :

Tgt Ion: 98 Resp: 732971

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VD065923.D (-1423) (-)

Ion 100.00 (99.70 to 100.70): VD065923.D (-1423) (-)

10.34

400000

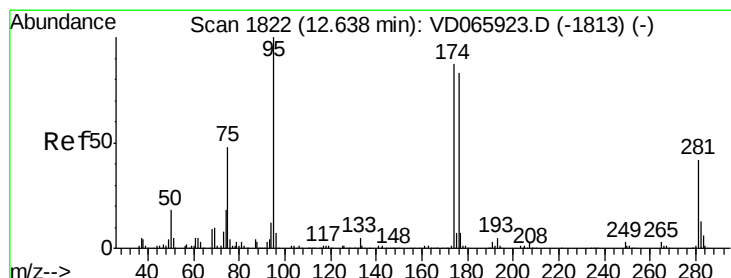
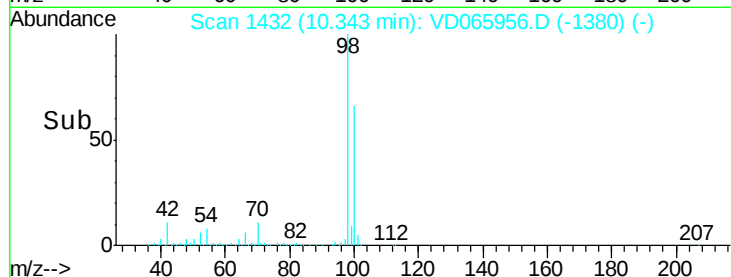
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 56.724 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD065956.D

Acq: 16 Jul 2020 14:50

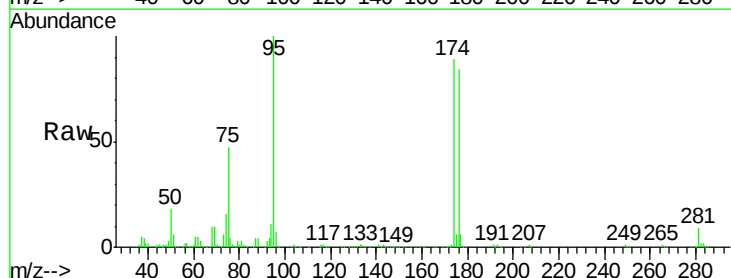
Tgt Ion: 95 Resp: 273871

Ion Ratio Lower Upper

95 100

174 89.3 0.0 169.4

176 86.1 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VD065923.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD065923.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD065923.D (-1813) (-)

12.63

200000

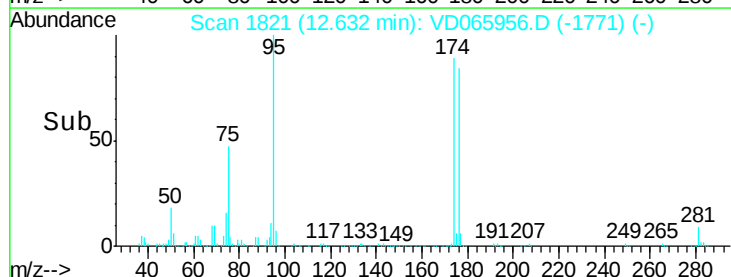
150000

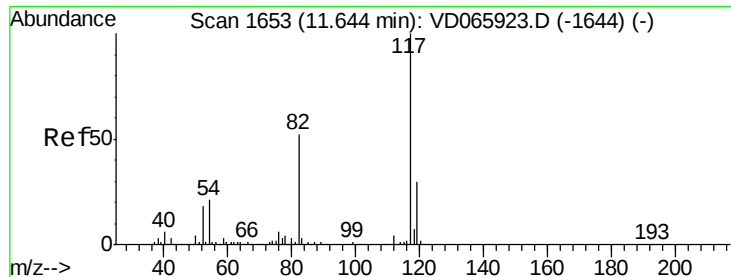
100000

50000

0

Time--> 12.60 12.70

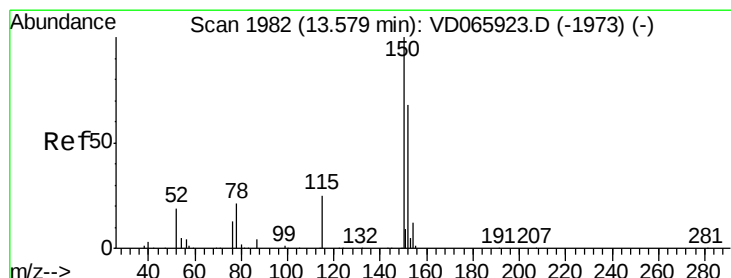
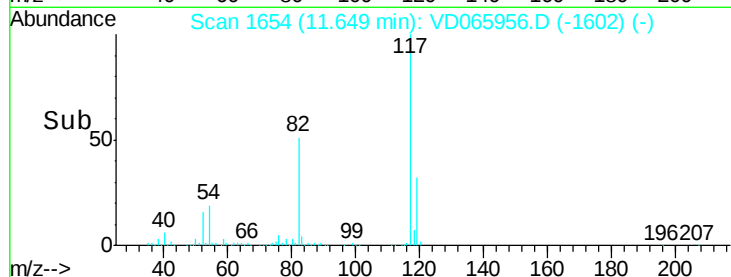
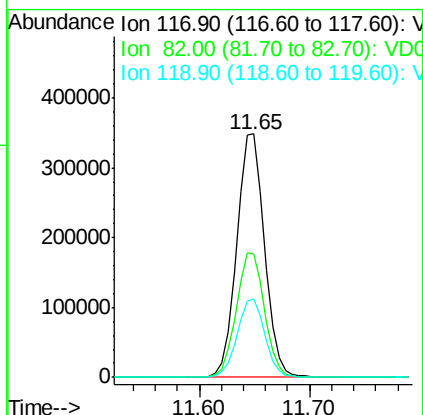
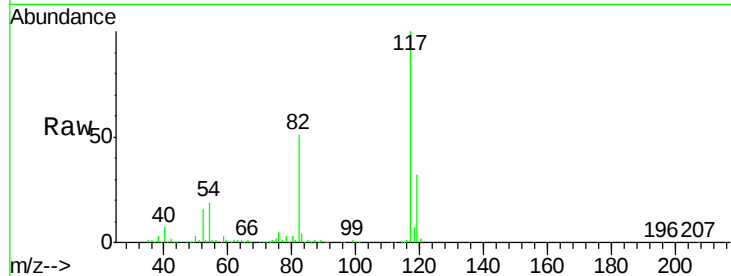




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065956.D
Acq: 16 Jul 2020 14:50

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:117 Resp: 615521
Ion Ratio Lower Upper
117 100
82 50.8 41.8 62.8
119 32.1 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065956.D
Acq: 16 Jul 2020 14:50

Tgt Ion:152 Resp: 298943
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.3
150 155.7 0.0 347.2

