

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071620\
 Data File : VD065959.D
 Acq On : 16 Jul 2020 16:12
 Operator : VA/SY
 Sample : L3315-06
 Misc : 7.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-16-D2

Quant Time: Jul 17 04:14:50 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	380054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	612592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	624327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	318985	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	159215	47.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.54%	
35) Dibromofluoromethane	7.91	113	186647	49.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.78%	
50) Toluene-d8	10.34	98	725130	52.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.64	95	276240	58.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	116.68%	

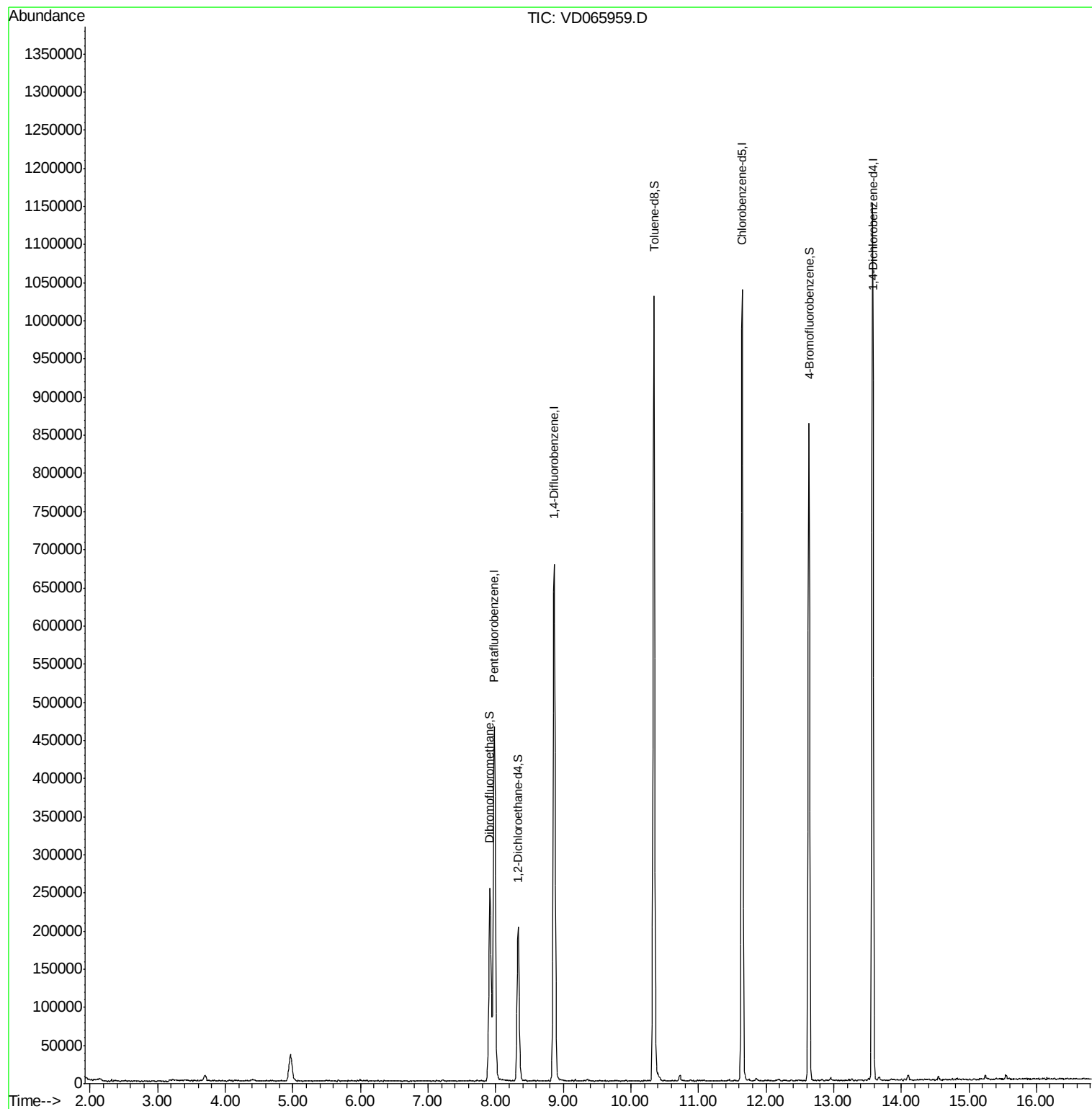
Target Compounds	Qvalue

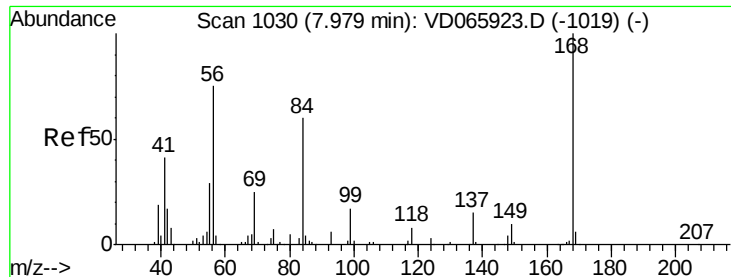
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065959.D

Acq: 16 Jul 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

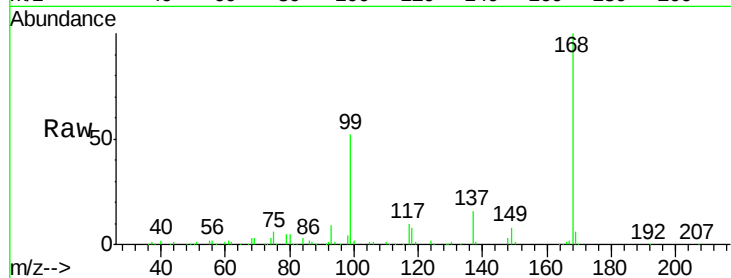
TP-16-D2

Tot Ion:168 Resp: 380054

Ion Ratio Lower Upper

168 100

99 51.6 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

150000

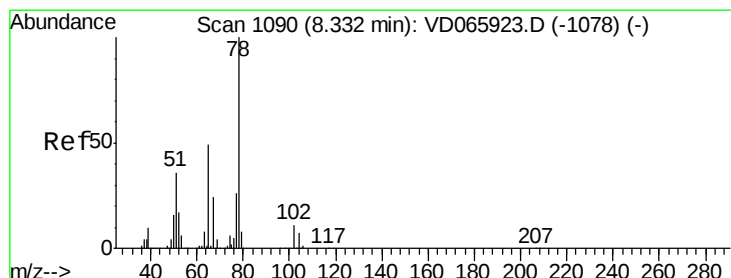
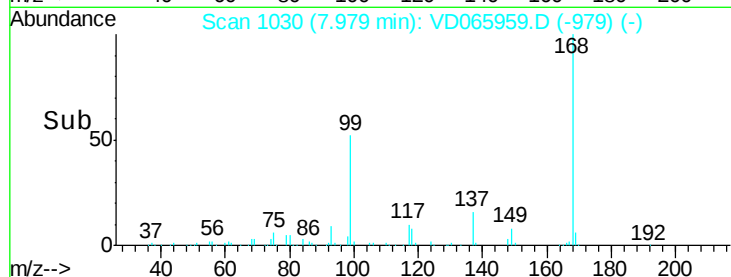
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50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 47.271 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065959.D

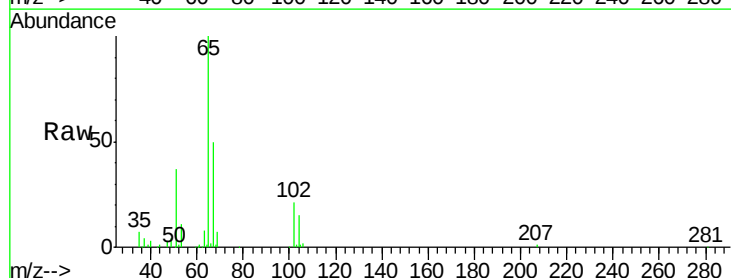
Acq: 16 Jul 2020 16:12

Tgt Ion: 65 Resp: 159215

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

60000

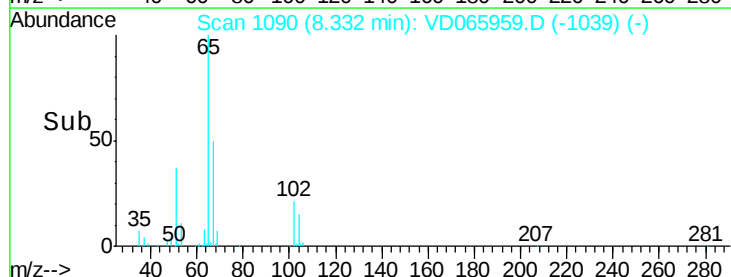
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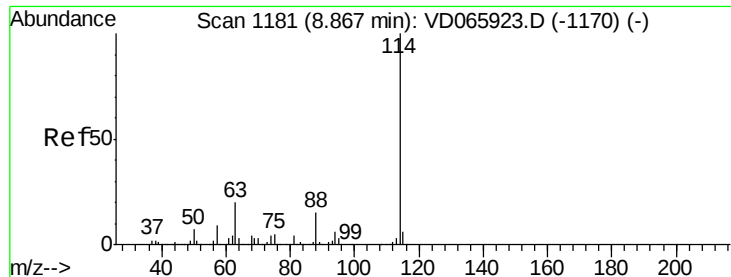
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0

Time-->

8.30 8.40

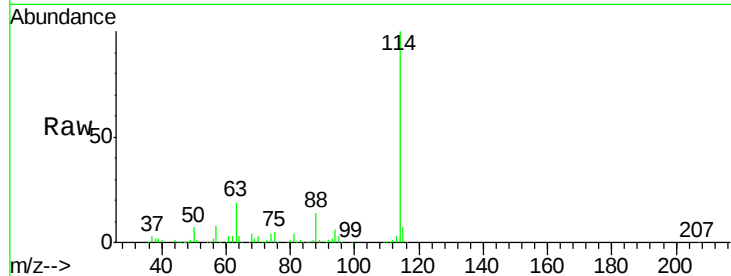




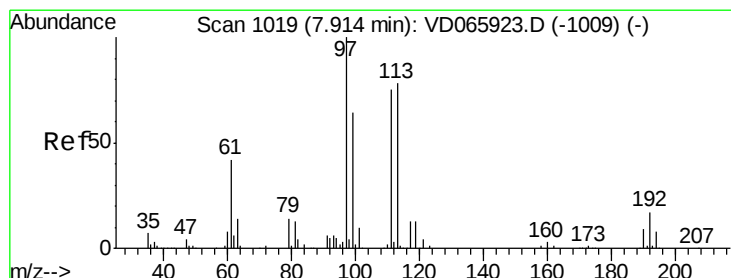
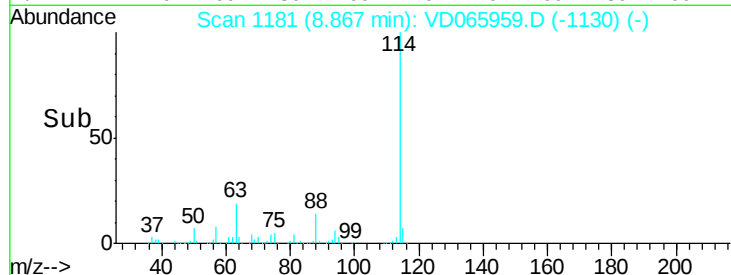
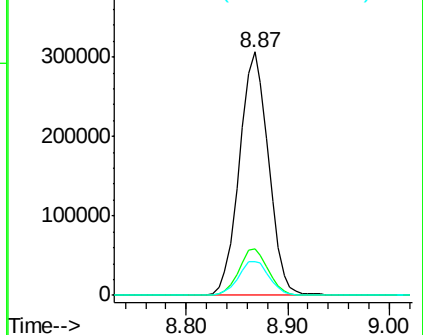
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065959.D
 Acq: 16 Jul 2020 16:12

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-16-D2

Tot Ion:114 Resp: 612592
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 13.6 0.0 30.0

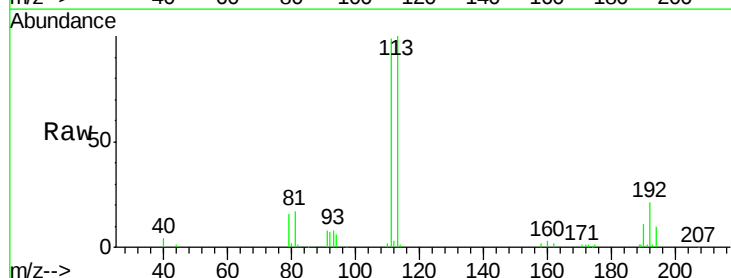


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

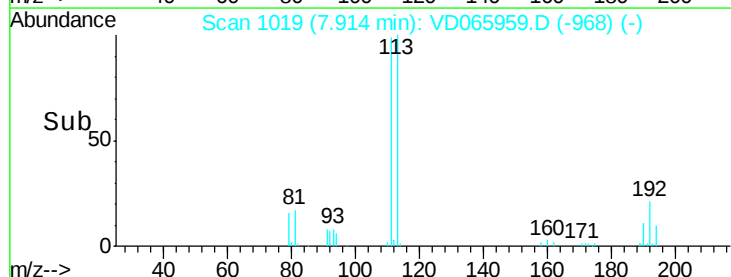
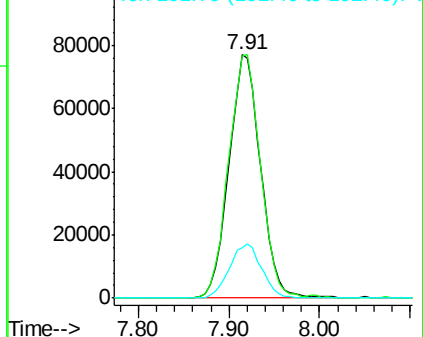


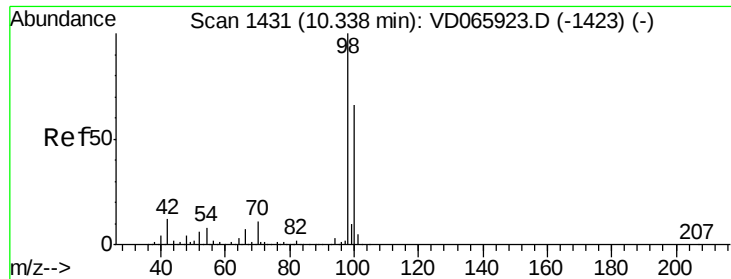
#35
 Dibromofluoromethane
 Concen: 49.390 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD065959.D
 Acq: 16 Jul 2020 16:12

Tgt Ion:113 Resp: 186647
 Ion Ratio Lower Upper
 113 100
 111 101.1 80.9 121.3
 192 22.8 17.1 25.7



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

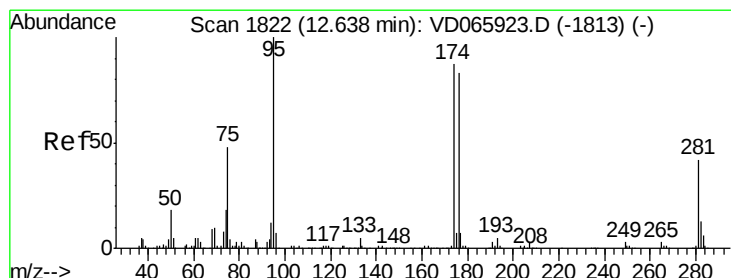
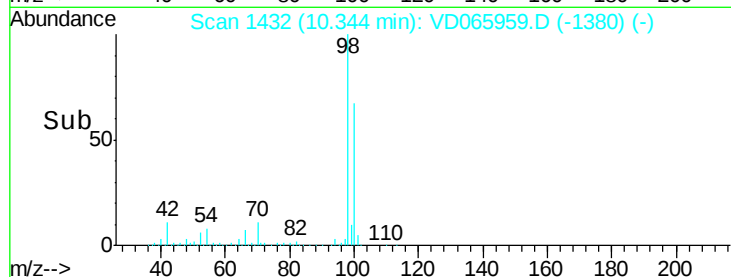
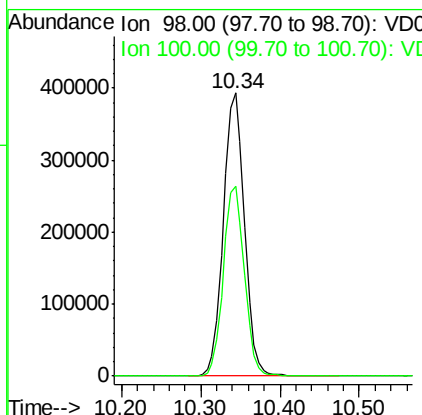
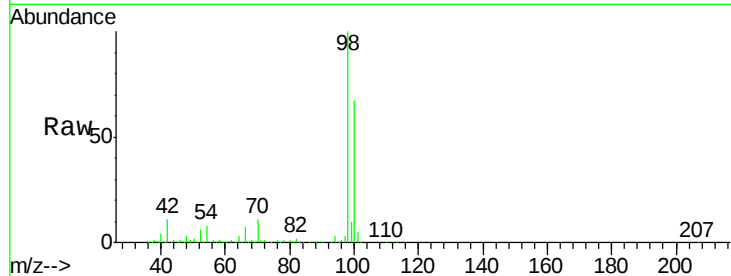




#50
Toluene-d8
Concen: 52.590 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065959.D
Acq: 16 Jul 2020 16:12

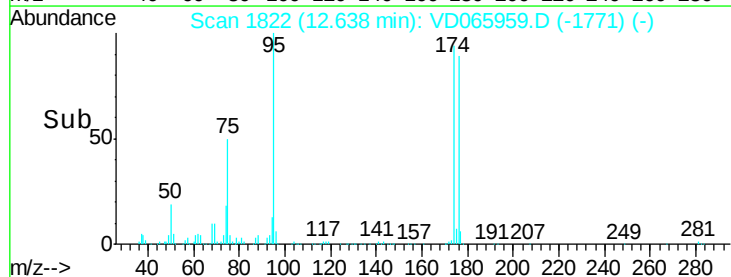
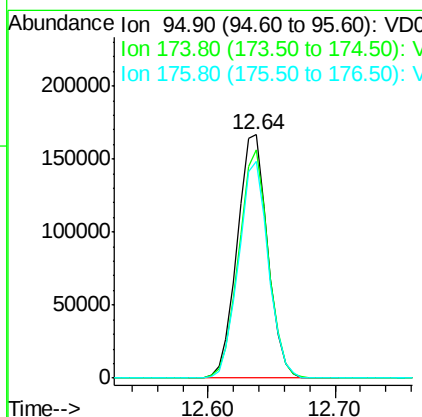
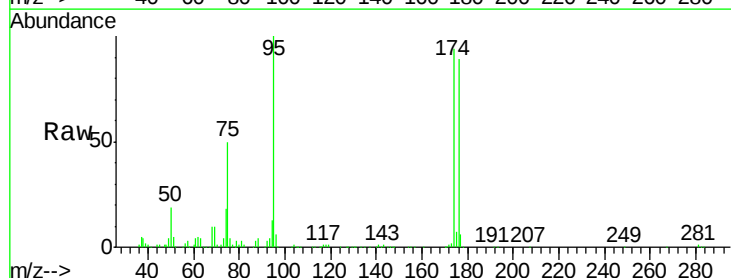
Instrument :
MSVOA_D
ClientSampleId :
TP-16-D2

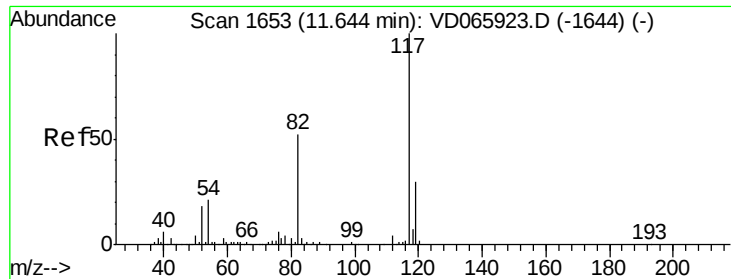
Tot Ion: 98 Resp: 725130
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 58.341 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065959.D
Acq: 16 Jul 2020 16:12

Tgt Ion: 95 Resp: 276240
Ion Ratio Lower Upper
95 100
174 91.3 0.0 169.4
176 87.2 0.0 164.0

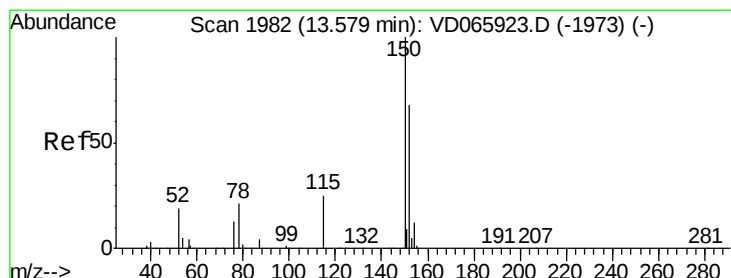
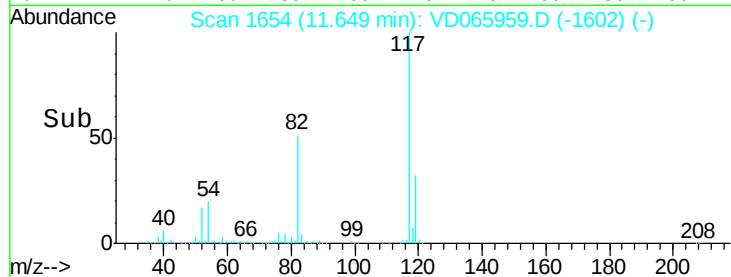
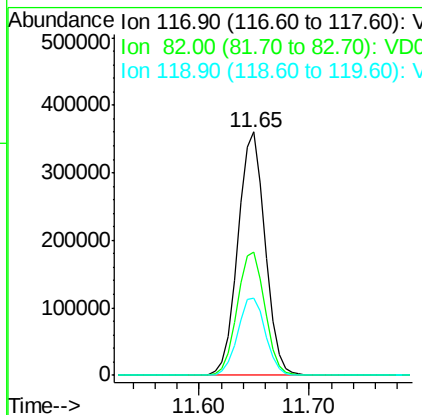
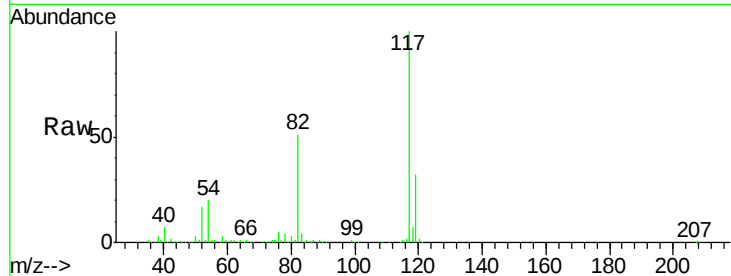




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065959.D
Acq: 16 Jul 2020 16:12

Instrument :
MSVOA_D
ClientSampleId :
TP-16-D2

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.8	62.8
119	31.6	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: VD065959.D
Acq: 16 Jul 2020 16:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.8	83.3
150	157.5	0.0	347.2

