

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067570.D
 Acq On : 09 Nov 2020 17:13
 Operator : VA/SY
 Sample : L4681-06
 Misc : 8.76G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-D2

Quant Time: Nov 10 01:08:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	275632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	457894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	471671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	240852	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	136011	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	
35) Dibromofluoromethane	7.92	113	140868	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.34	98	549017	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	
62) 4-Bromofluorobenzene	12.64	95	205934	61.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.04%	

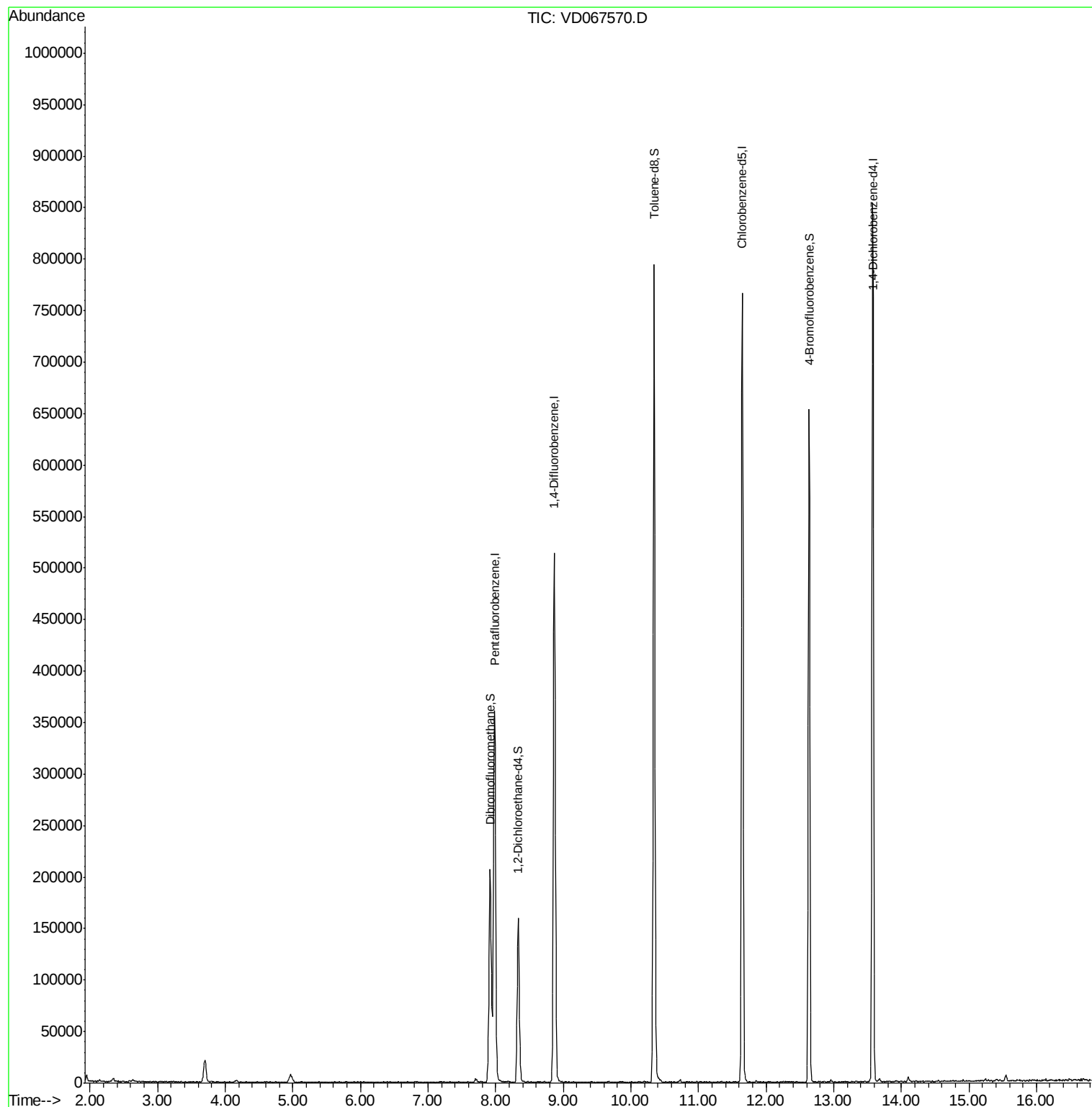
Target Compounds	Qvalue

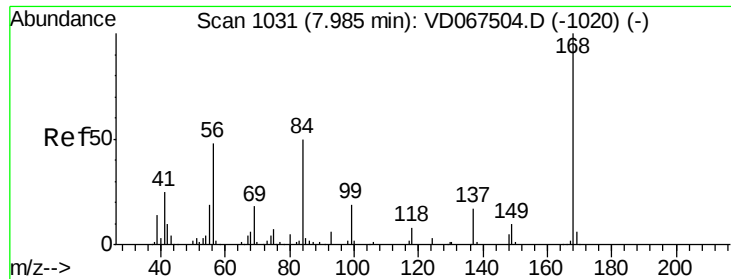
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067570.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_D

ClientSampleId :

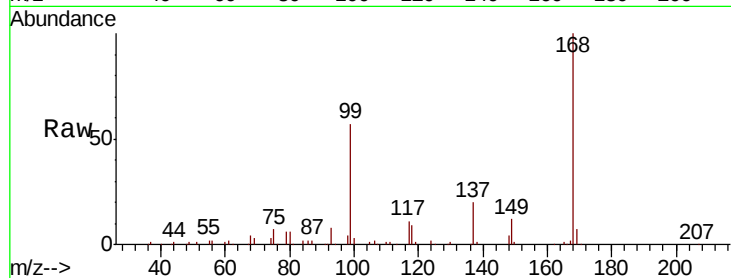
TP-1-D2

Tot Ion:168 Resp: 275632

Ion Ratio Lower Upper

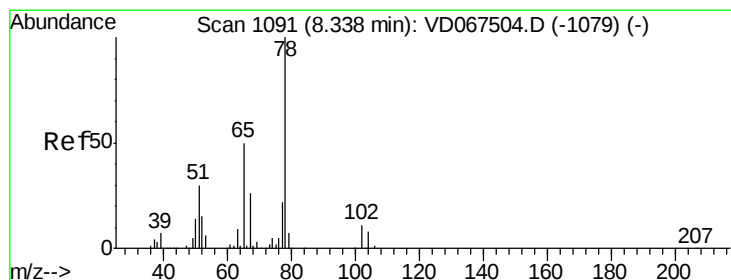
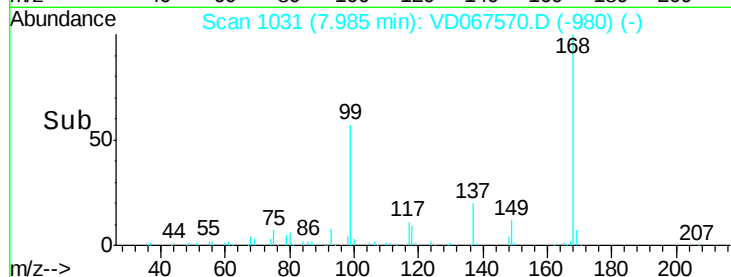
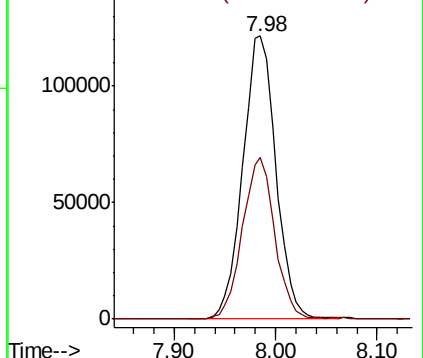
168 100

99 57.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 56.434 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067570.D

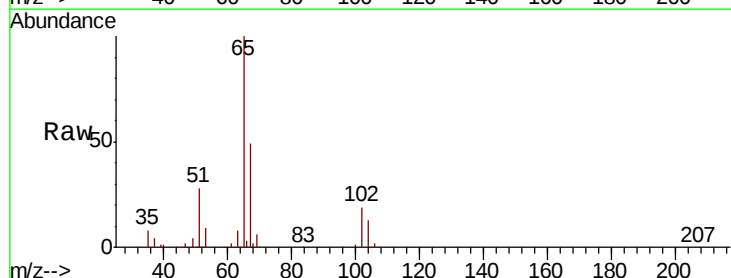
Acq: 09 Nov 2020 17:13

Tgt Ion: 65 Resp: 136011

Ion Ratio Lower Upper

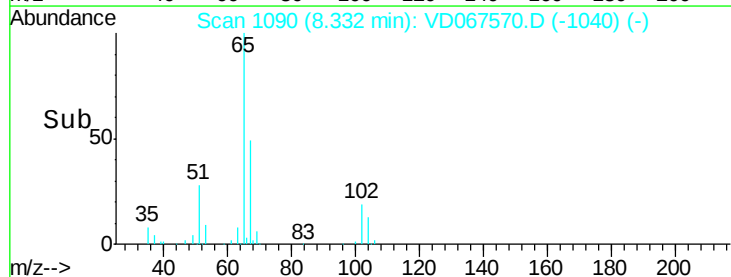
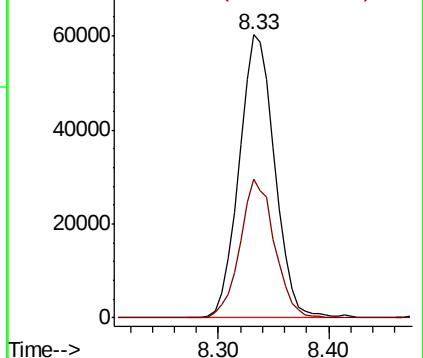
65 100

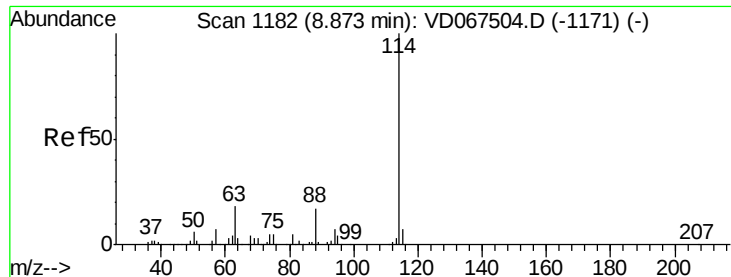
67 47.8 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

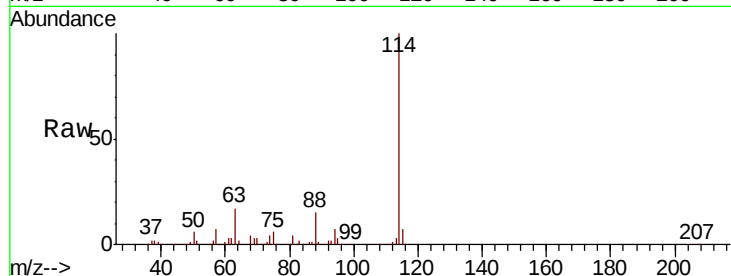




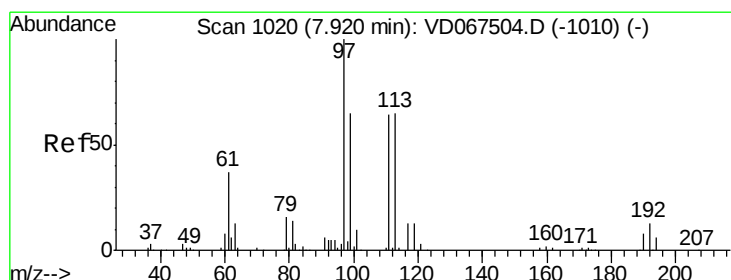
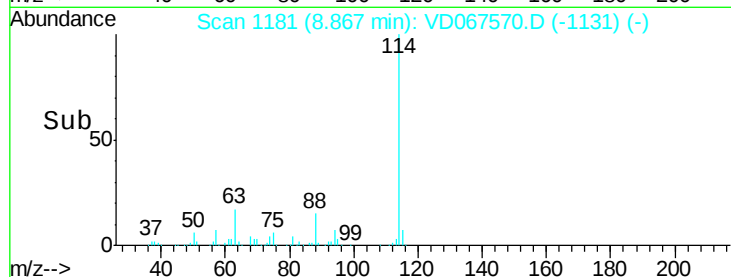
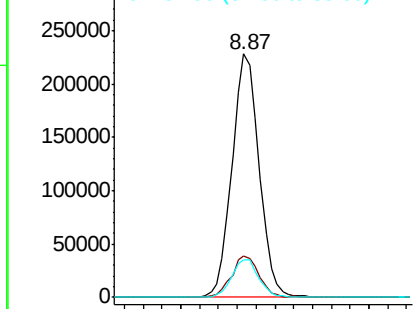
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067570.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1-D2

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.0
88	15.2	0.0	33.0

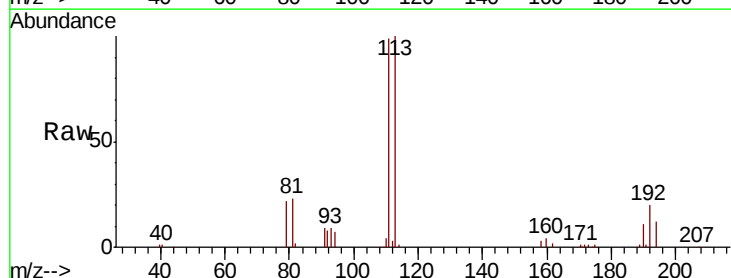


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

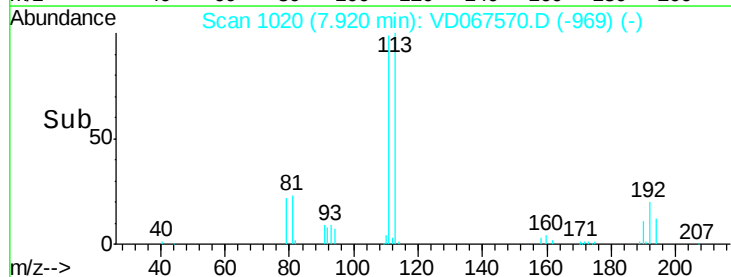
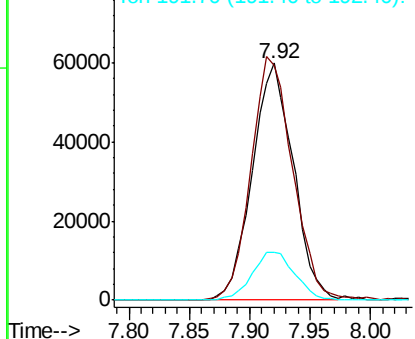


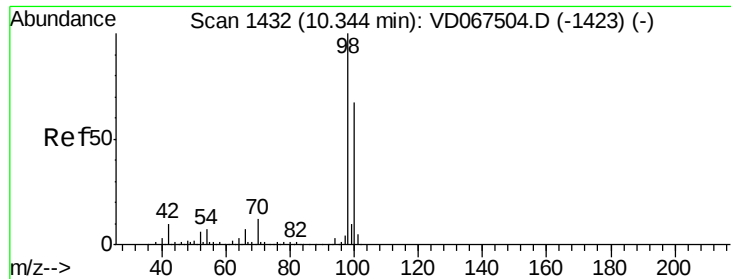
#35
Dibromofluoromethane
Concen: 51.061 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067570.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.4	80.0	120.0
192	21.2	16.3	24.5



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

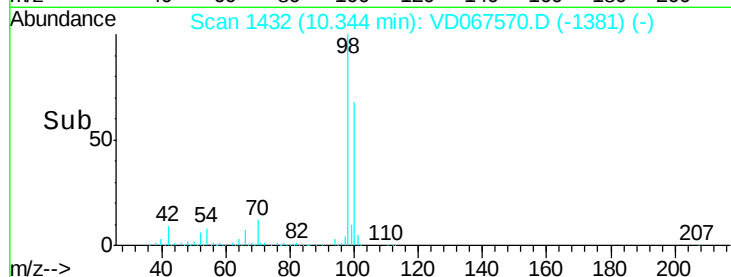
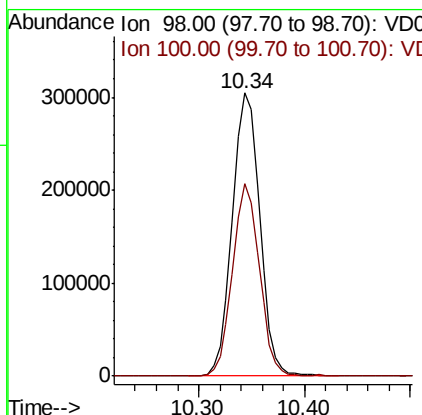
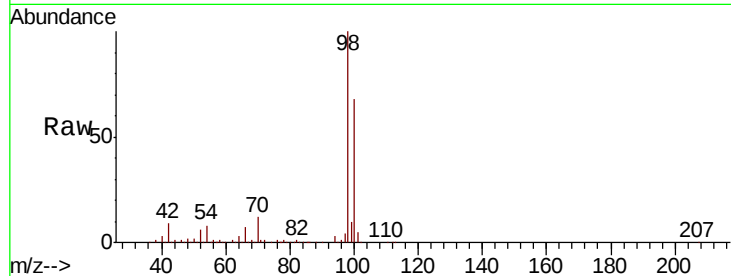




#50
Toluene-d8
Concen: 56.628 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067570.D
Acq: 09 Nov 2020 17:13

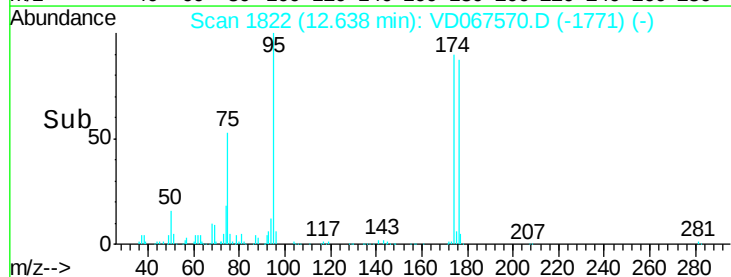
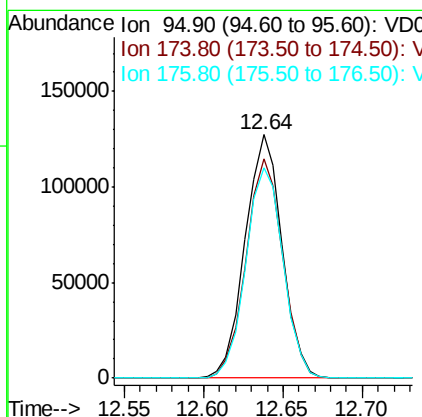
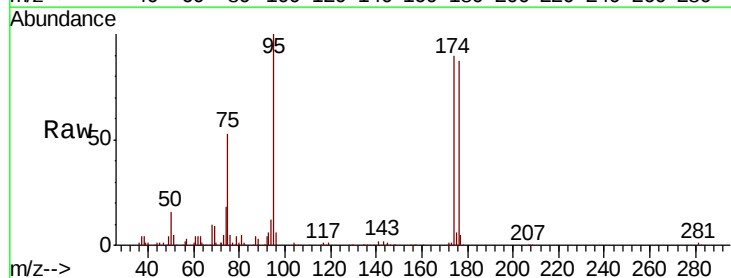
Instrument :
MSVOA_D
ClientSampleId :
TP-1-D2

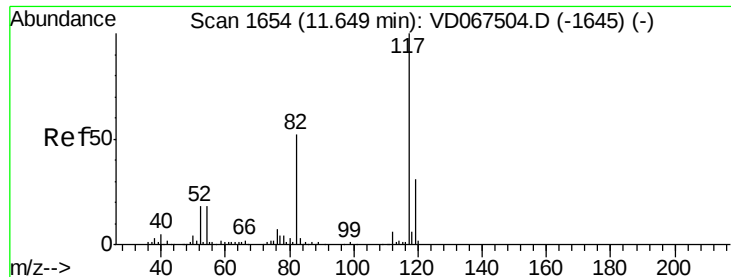
Tot Ion: 98 Resp: 549017
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 61.525 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067570.D
Acq: 09 Nov 2020 17:13

Tgt Ion: 95 Resp: 205934
Ion Ratio Lower Upper
95 100
174 89.9 0.0 177.8
176 87.4 0.0 172.0

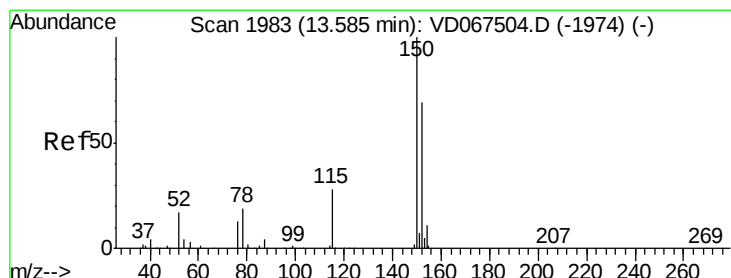
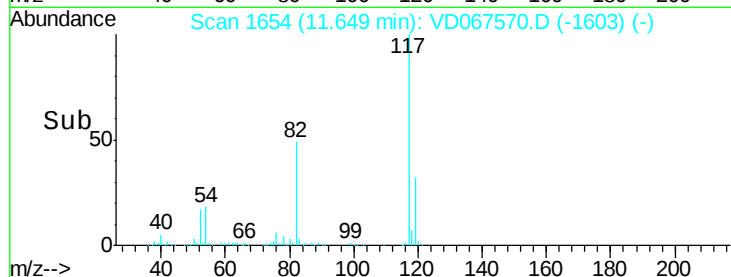
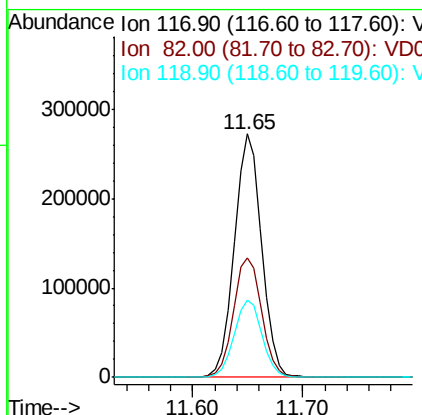
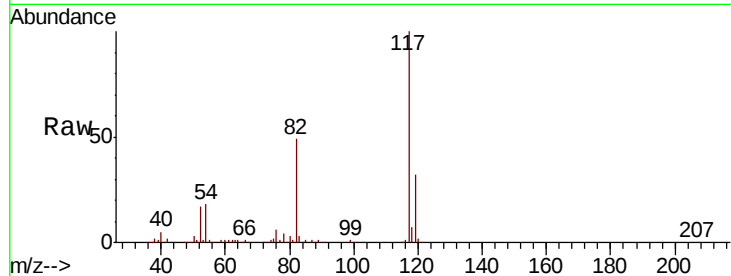




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067570.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1-D2

Tot Ion:117 Resp: 471671
Ion Ratio Lower Upper
117 100
82 49.0 41.6 62.4
119 31.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067570.D
Acq: 09 Nov 2020 17:13

Tgt Ion:152 Resp: 240852
Ion Ratio Lower Upper
152 100
115 58.2 29.3 88.0
150 156.0 0.0 338.2

