

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067462.D
 Acq On : 30 Oct 2020 10:17
 Operator : VA/SY
 Sample : VD1030SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1030SBL01

Quant Time: Oct 30 11:22:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	337205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	533221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	540057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271406	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	168276	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
35) Dibromofluoromethane	7.92	113	171199	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	10.34	98	640693	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.64	95	230092	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	

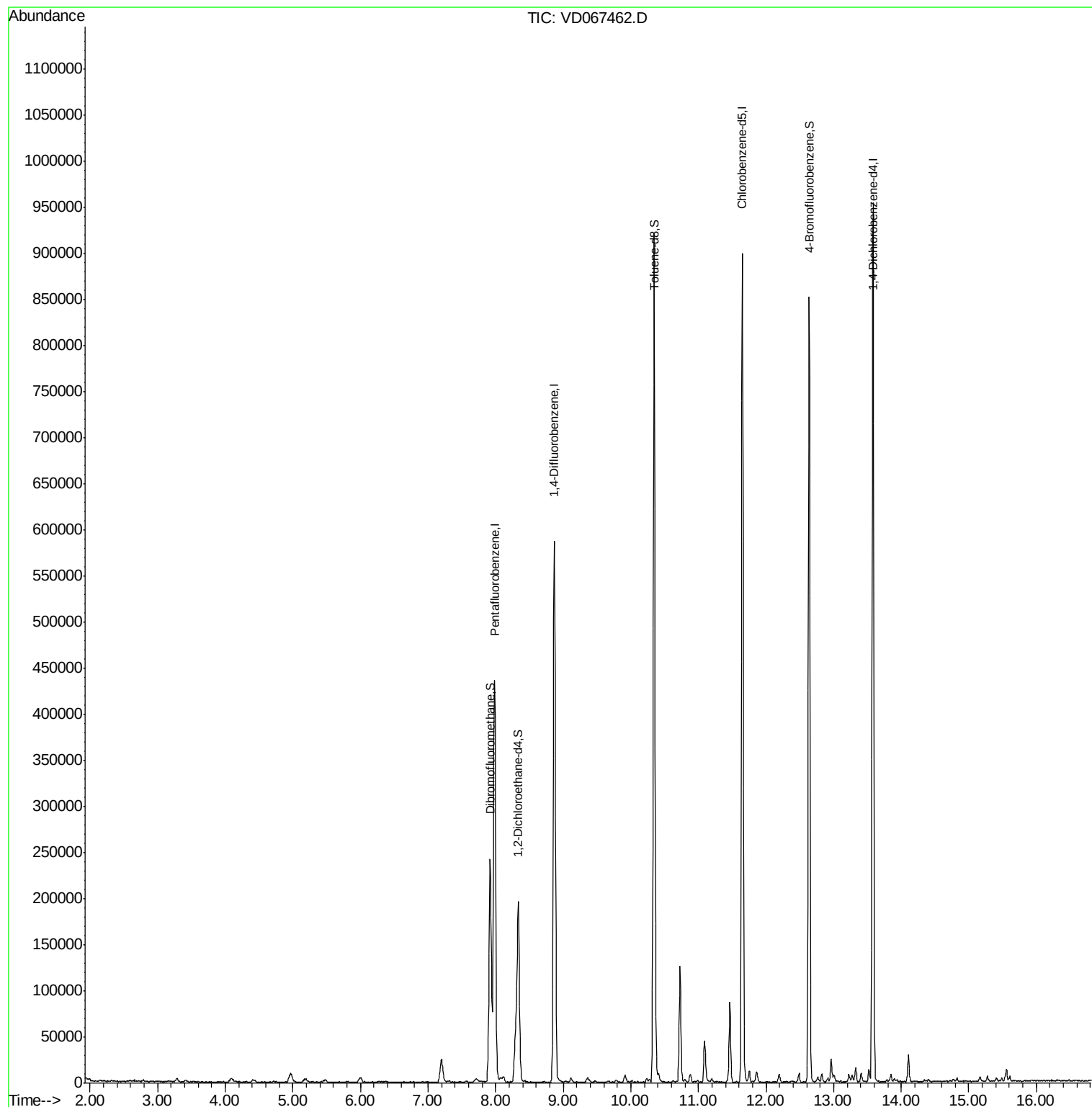
Target Compounds	Qvalue

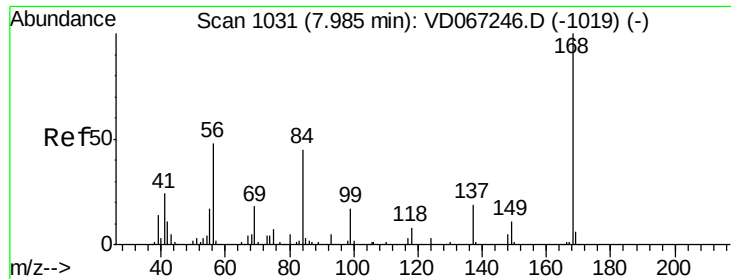
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067462.D

Acq: 30 Oct 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

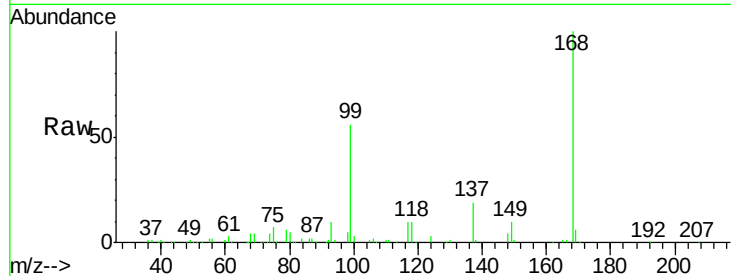
VD1030SBL01

Tot Ion:168 Resp: 337205

Ion Ratio Lower Upper

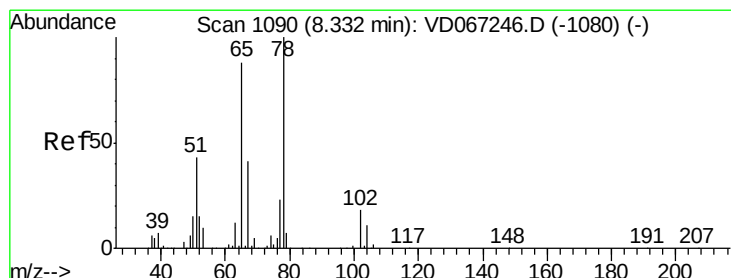
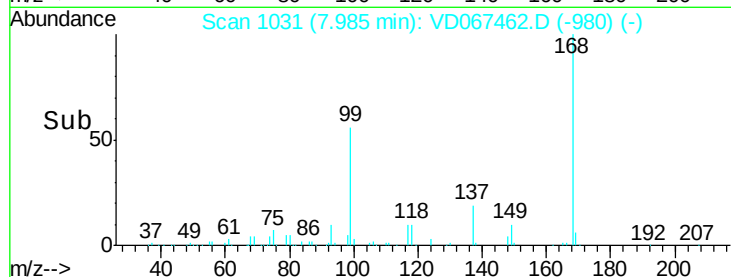
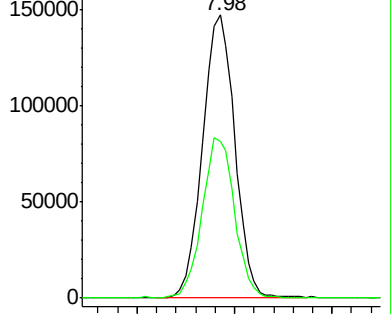
168 100

99 55.3 45.9 68.9



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: 49.811 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067462.D

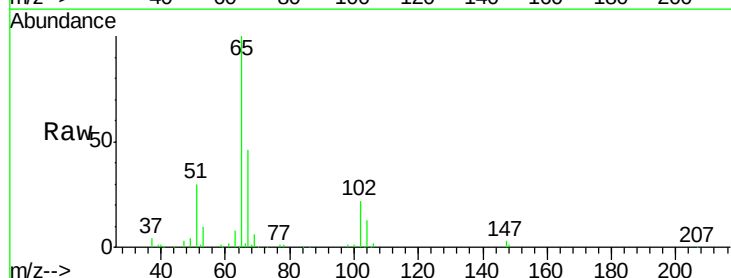
Acq: 30 Oct 2020 10:17

Tgt Ion: 65 Resp: 168276

Ion Ratio Lower Upper

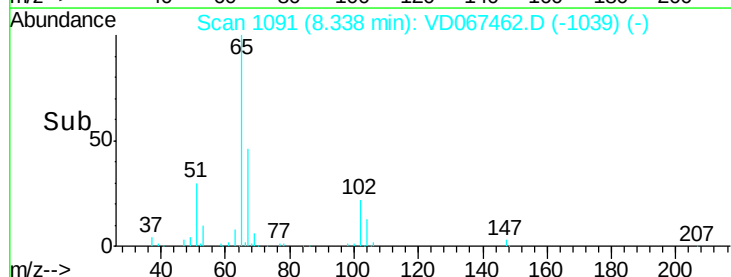
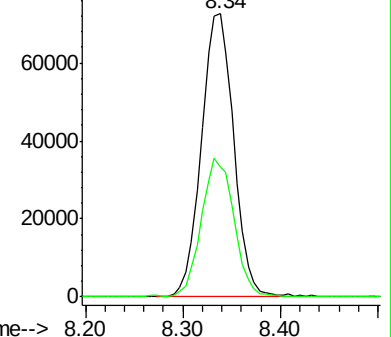
65 100

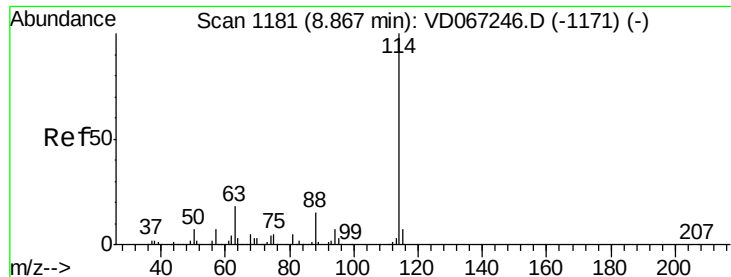
67 49.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

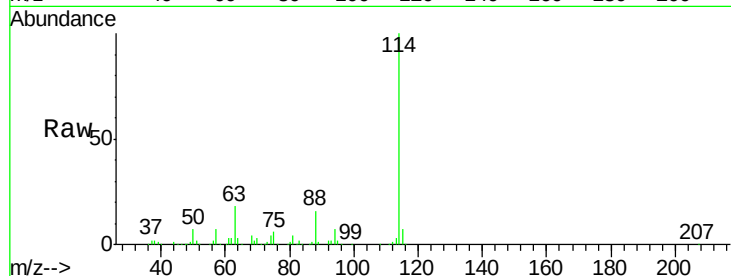




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067462.D
 Acq: 30 Oct 2020 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1030SBL01

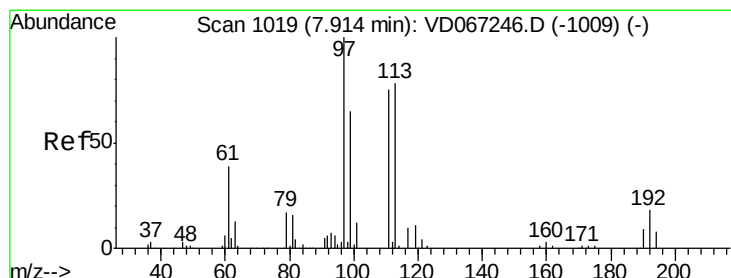
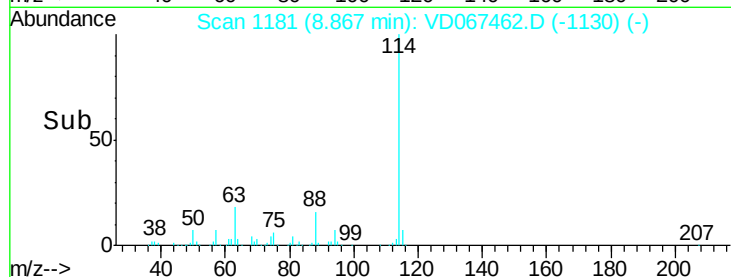
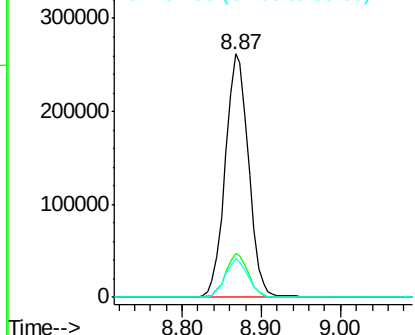
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.0
88	16.0	0.0	30.6



Abundance Ion 113.90 (113.60 to 114.60): V

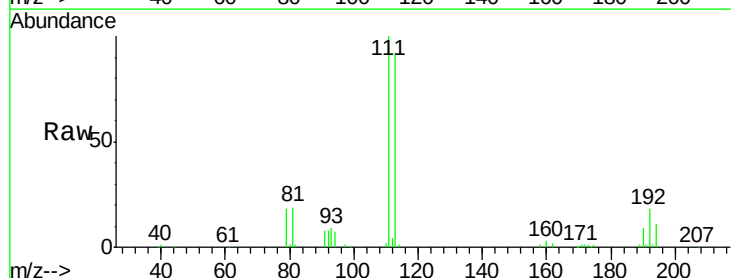
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 48.244 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067462.D
 Acq: 30 Oct 2020 10:17

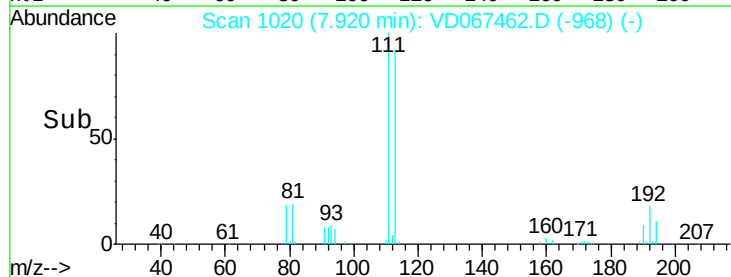
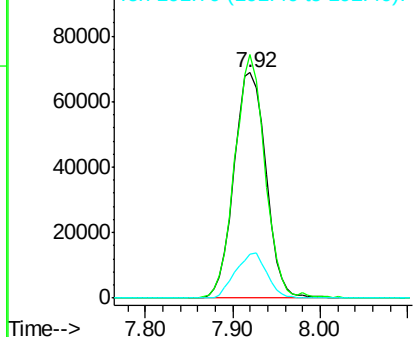
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.6	122.4
192	19.7	17.0	25.4

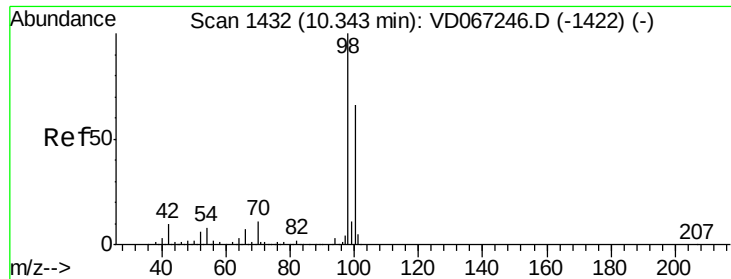


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

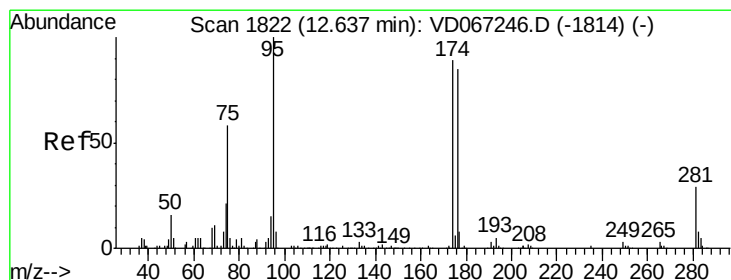
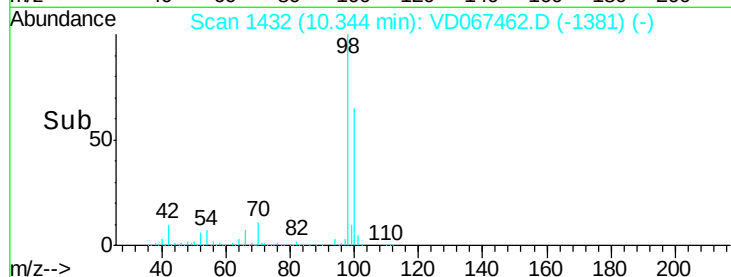
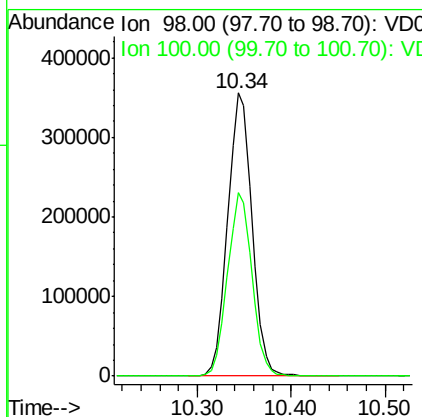
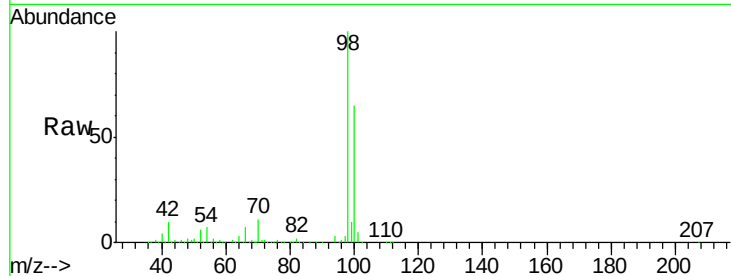




#50
Toluene-d8
Concen: 49.890 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067462.D
Acq: 30 Oct 2020 10:17

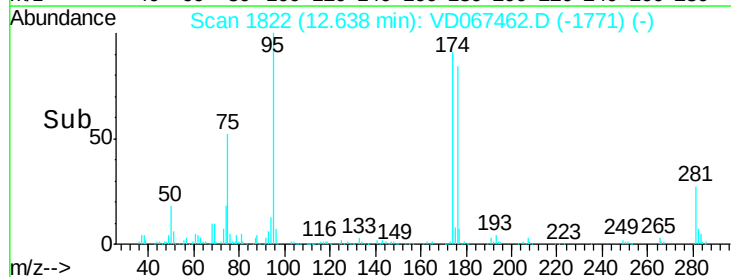
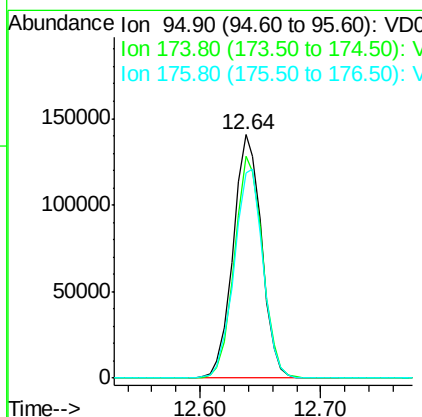
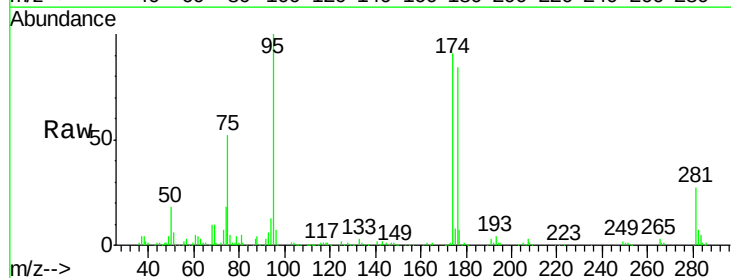
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBL01

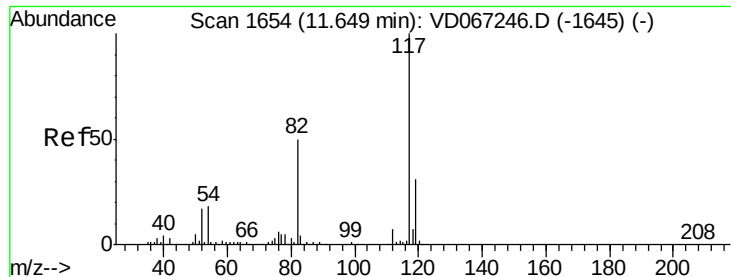
Tot Ion: 98 Resp: 640693
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.527 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067462.D
Acq: 30 Oct 2020 10:17

Tgt Ion: 95 Resp: 230092
Ion Ratio Lower Upper
95 100
174 90.3 0.0 175.2
176 87.4 0.0 168.6

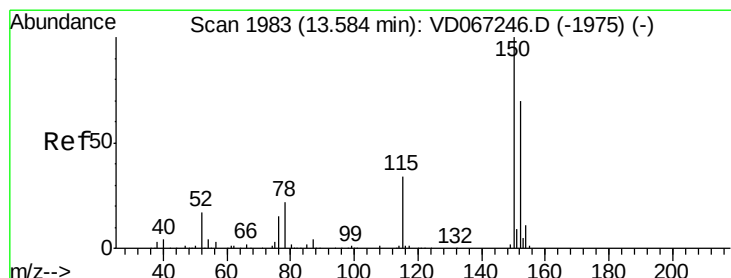
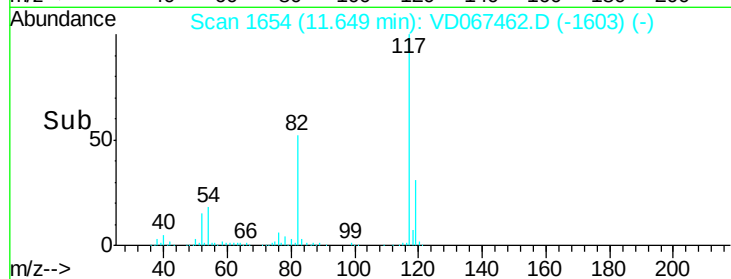
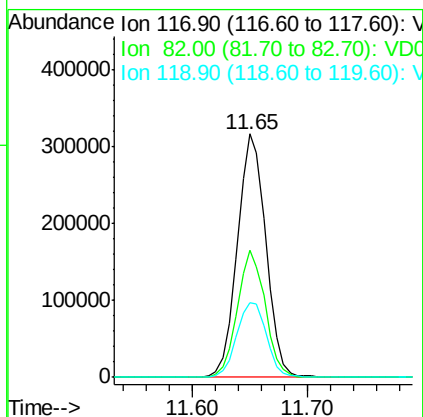
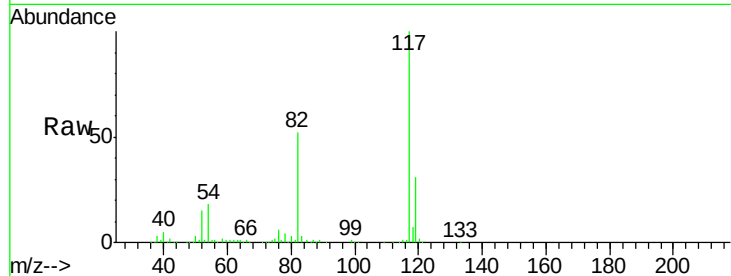




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067462.D
Acq: 30 Oct 2020 10:17

Instrument :
MSVOA_D
ClientSampleId :
VD1030SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	39.9	59.9
119	30.8	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067462.D
Acq: 30 Oct 2020 10:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	29.3	87.9
150	155.8	0.0	339.0

