

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067574.D
 Acq On : 10 Nov 2020 11:17
 Operator : VA/SY
 Sample : VD1110SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBL01

Quant Time: Nov 11 00:17:24 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	303440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	503741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	524136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	265354	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	156193	58.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.74%	
35) Dibromofluoromethane	7.92	113	159642	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
50) Toluene-d8	10.34	98	598403	56.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.20%	
62) 4-Bromofluorobenzene	12.64	95	230134	62.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.00%	

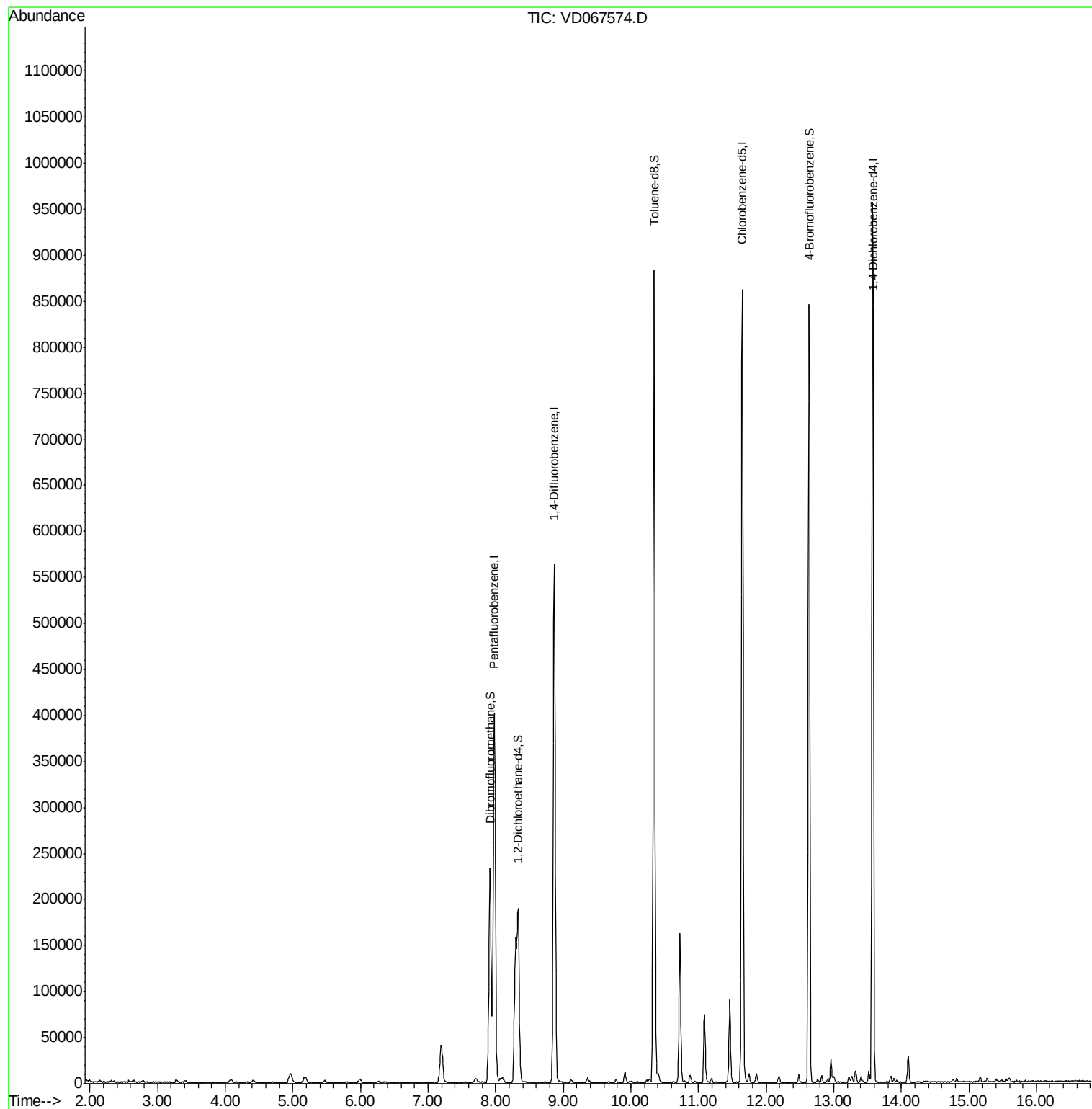
Target Compounds	Qvalue

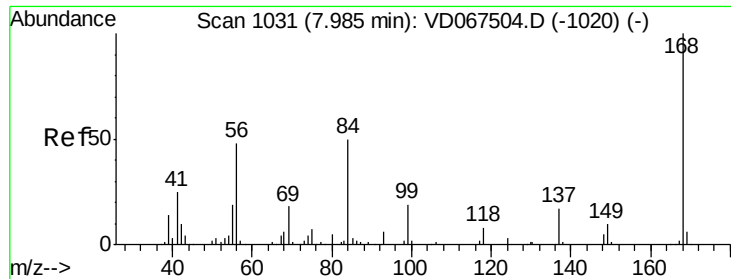
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067574.D

Acq: 10 Nov 2020 11:17

Instrument :

MSVOA_D

ClientSampleId :

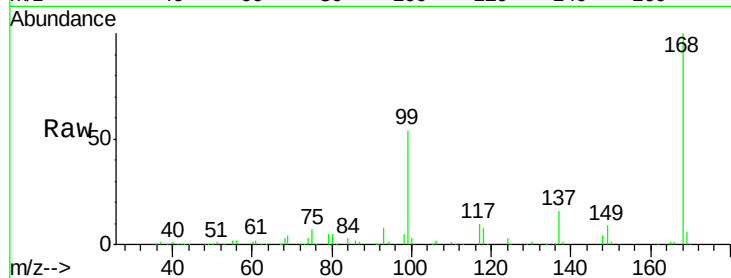
VD1110SBL01

Tot Ion:168 Resp: 303440

Ion Ratio Lower Upper

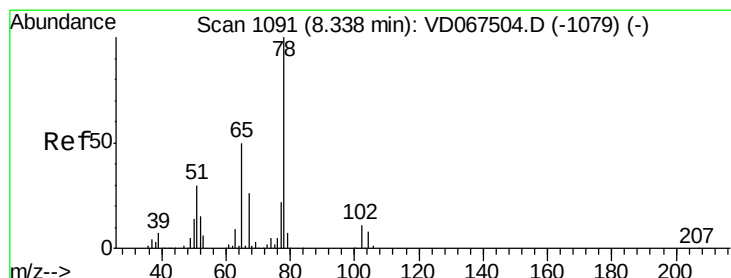
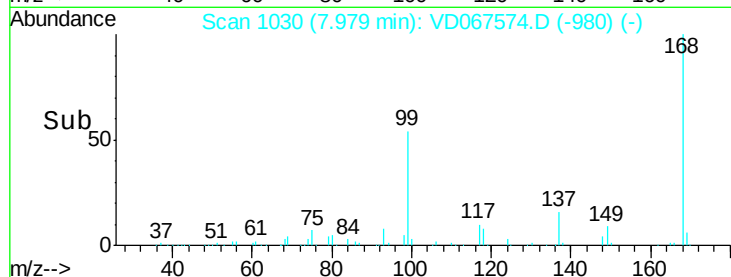
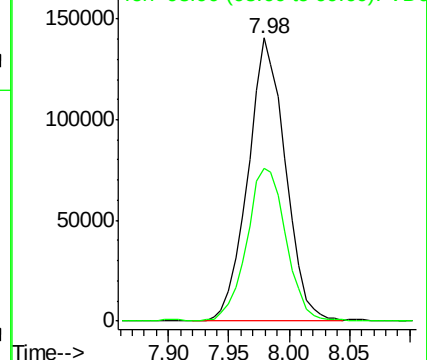
168 100

99 53.9 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: 58.869 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067574.D

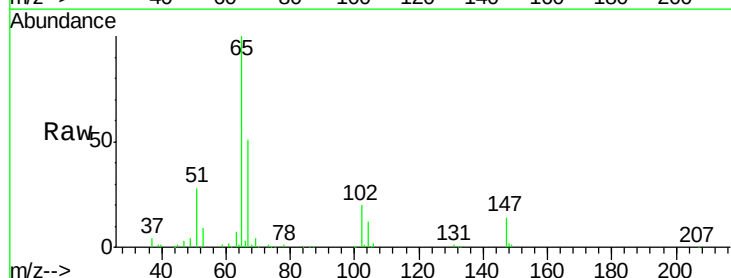
Acq: 10 Nov 2020 11:17

Tgt Ion: 65 Resp: 156193

Ion Ratio Lower Upper

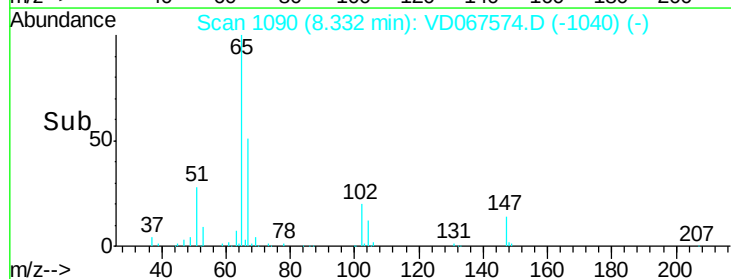
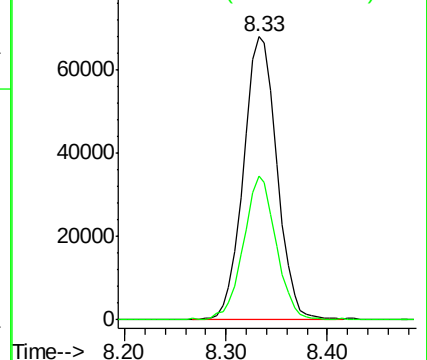
65 100

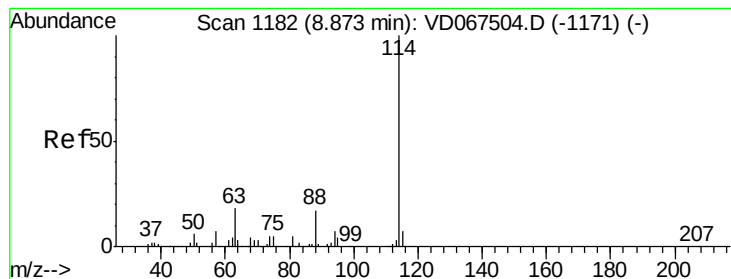
67 49.4 0.0 99.4



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: VD067574.D

Acq: 10 Nov 2020 11:17

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBL01

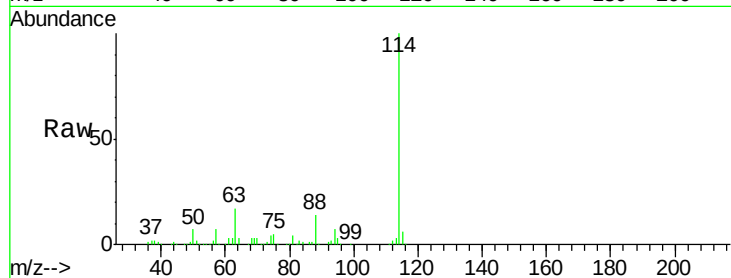
Tot Ion:114 Resp: 503741

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

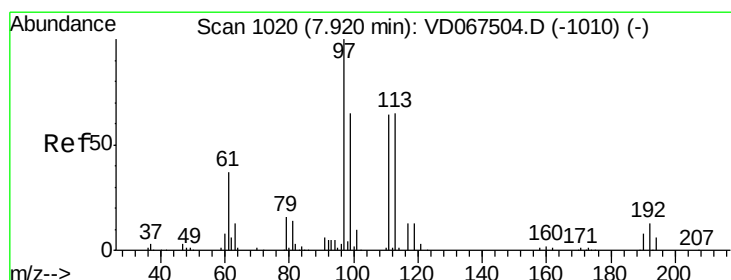
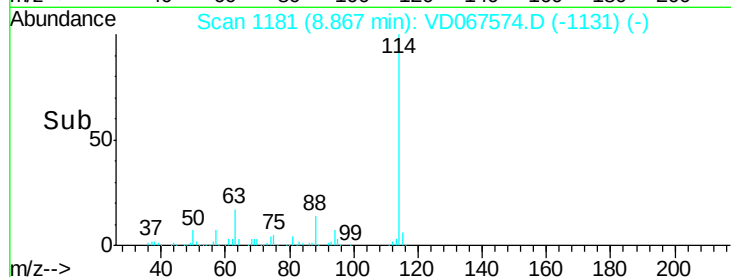
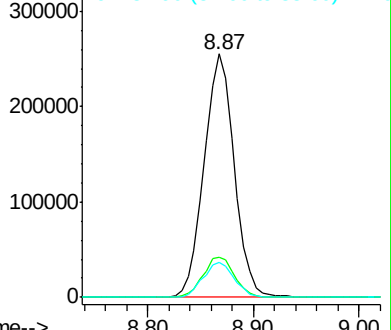
88 14.2 0.0 33.0



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: 52.600 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067574.D

Acq: 10 Nov 2020 11:17

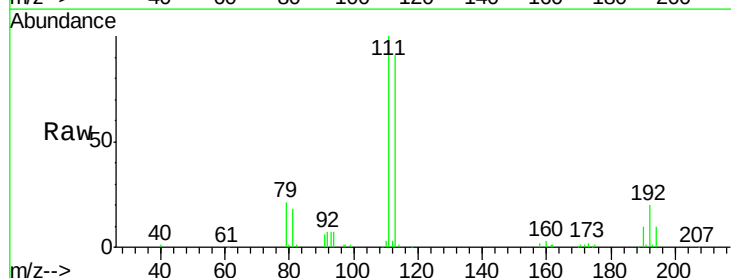
Tgt Ion:113 Resp: 159642

Ion Ratio Lower Upper

113 100

111 104.0 80.0 120.0

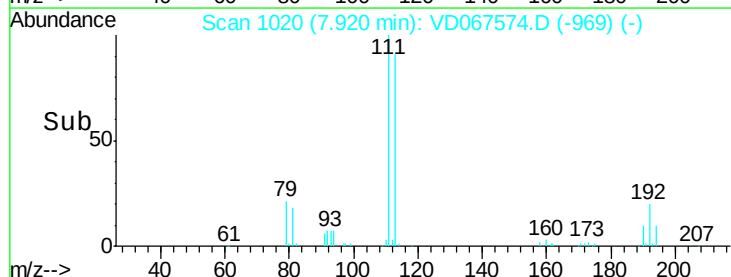
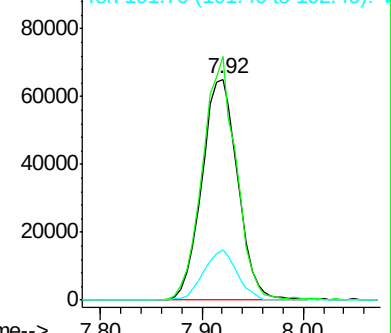
192 21.2 16.3 24.5

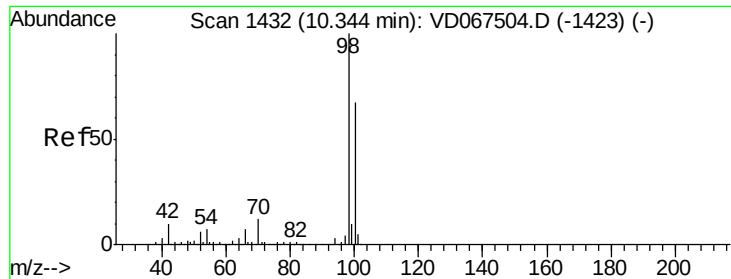


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

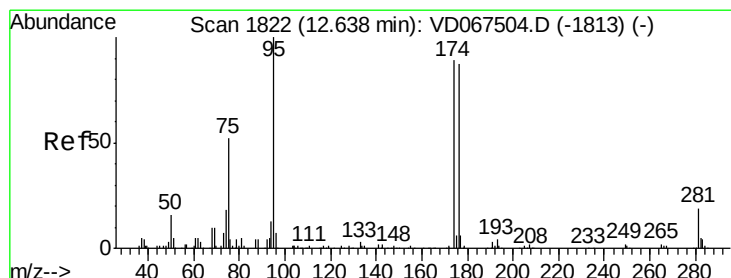
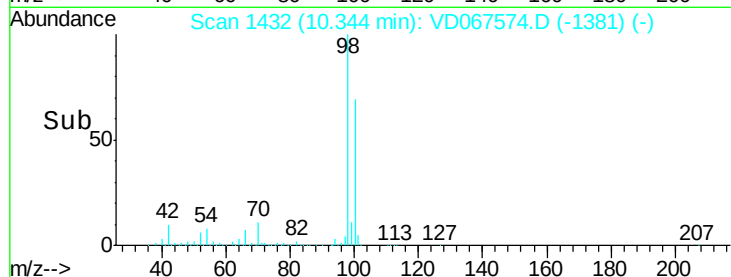
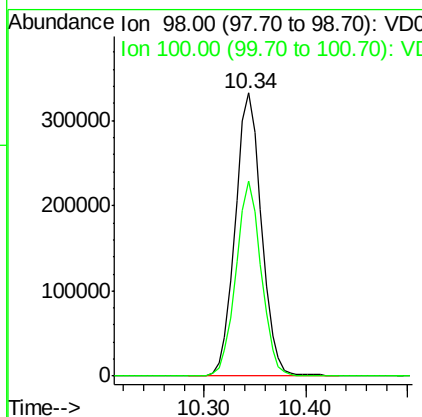
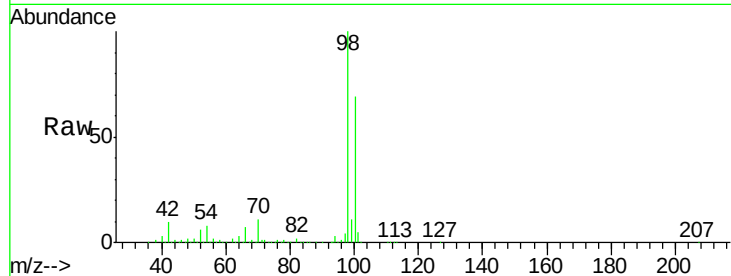




#50
Toluene-d8
Concen: 56.105 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067574.D
Acq: 10 Nov 2020 11:17

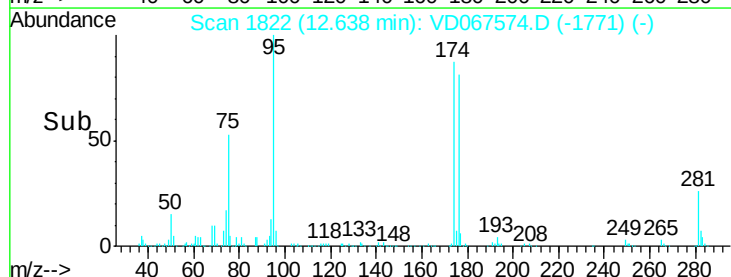
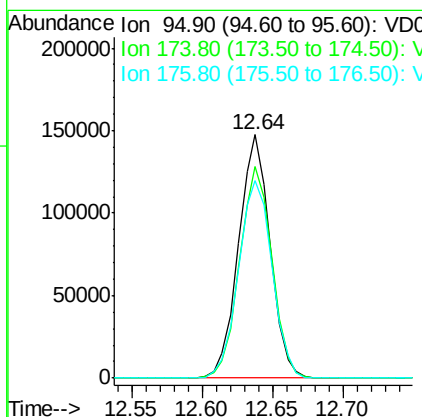
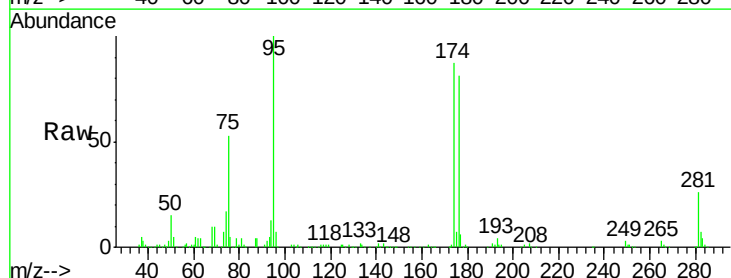
Instrument :
MSVOA_D
ClientSampleId :
VD1110SBL01

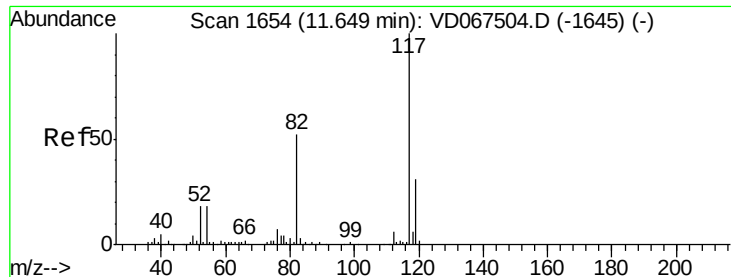
Tot Ion: 98 Resp: 598403
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 62.497 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067574.D
Acq: 10 Nov 2020 11:17

Tgt Ion: 95 Resp: 230134
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.8
176 86.2 0.0 172.0

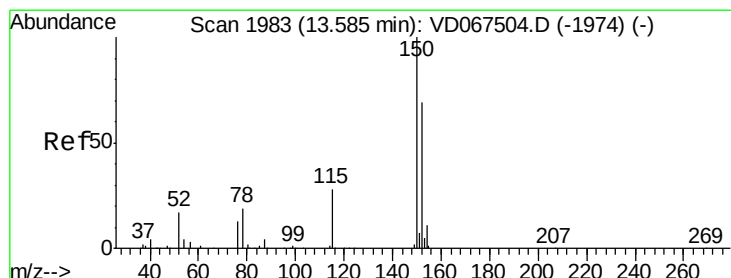
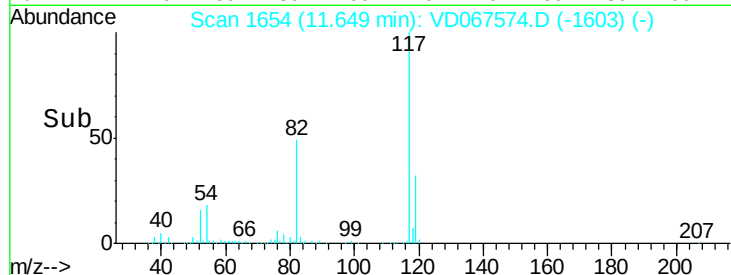
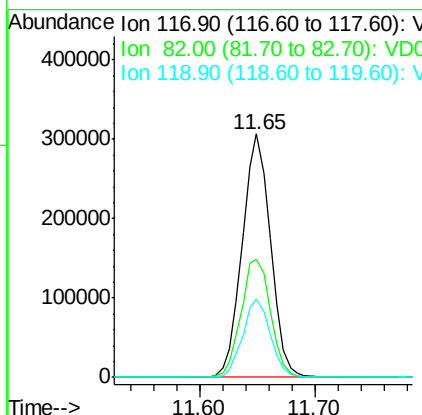
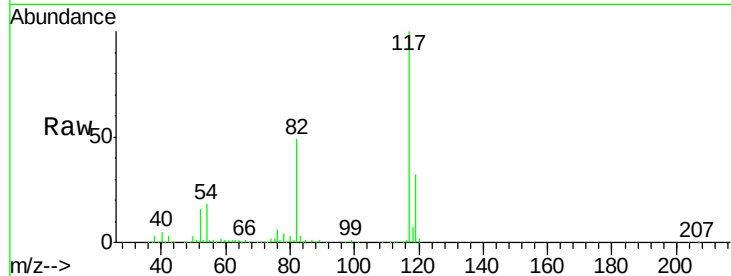




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067574.D
Acq: 10 Nov 2020 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.8	41.6	62.4
119	32.0	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: VD067574.D
Acq: 10 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.3	88.0
150	156.5	0.0	338.2

