

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067011.D
 Acq On : 02 Oct 2020 01:02
 Operator : VA/SY
 Sample : L4198-13
 Misc : 6.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-10

Quant Time: Oct 02 02:08:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	503383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	852923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	766344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	337382	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	245204	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
35) Dibromofluoromethane	7.91	113	273119	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
50) Toluene-d8	10.34	98	992247	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.64	95	312450	45.23	ug/l	0.00
Spiked Amount			Recovery	=	90.46%	

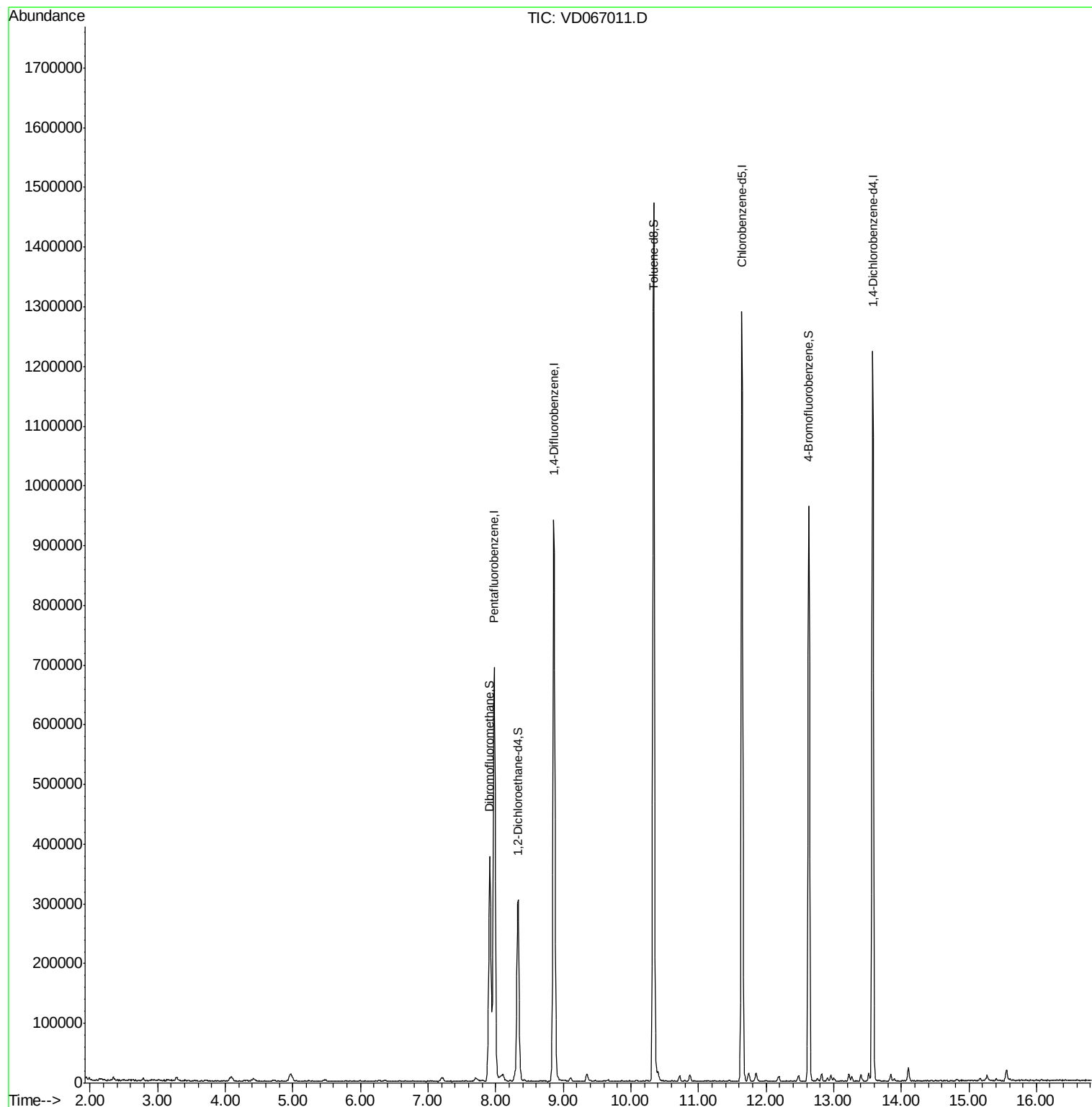
Target Compounds	Qvalue
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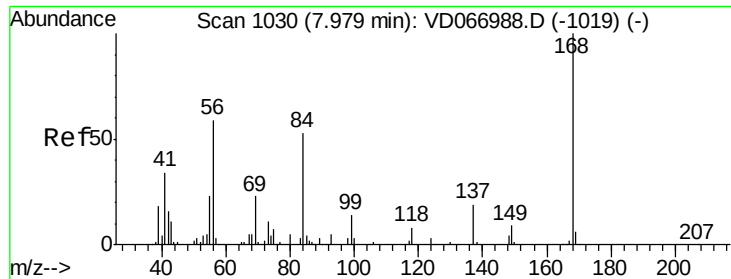
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100120\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067011.D

Acq: 02 Oct 2020 01:02

Instrument :

MSVOA_D

ClientSampled :

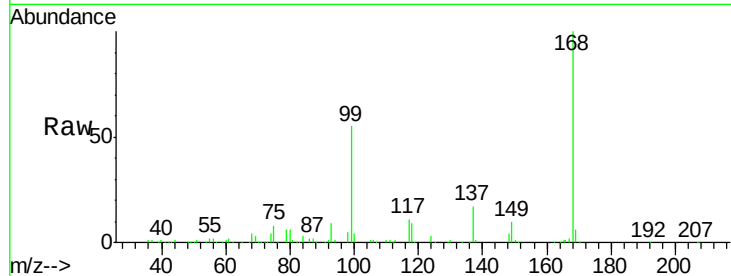
RO-10

Tot Ion:168 Resp: 503383

Ion Ratio Lower Upper

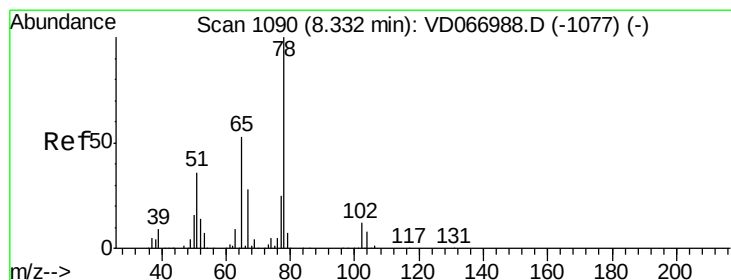
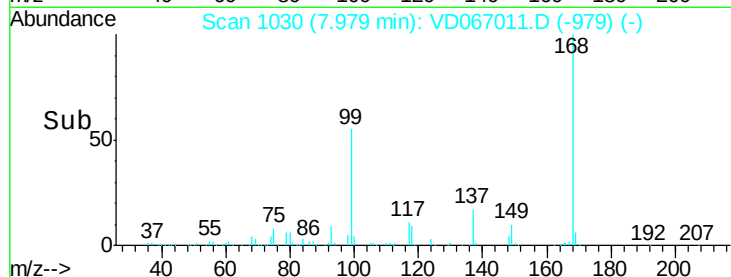
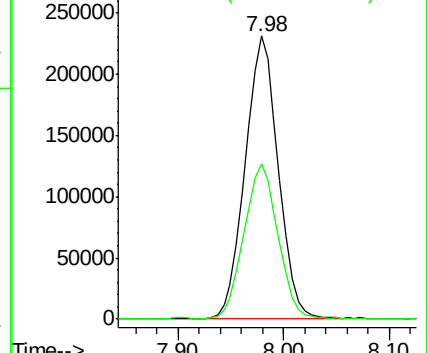
168 100

99 54.8 44.1 66.1



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: 50.573 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067011.D

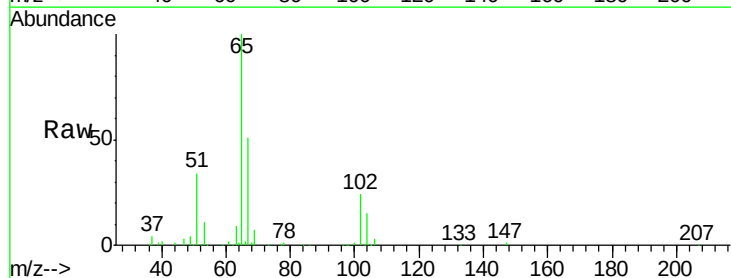
Acq: 02 Oct 2020 01:02

Tgt Ion: 65 Resp: 245204

Ion Ratio Lower Upper

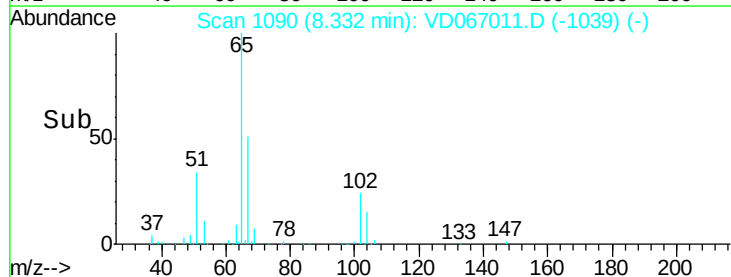
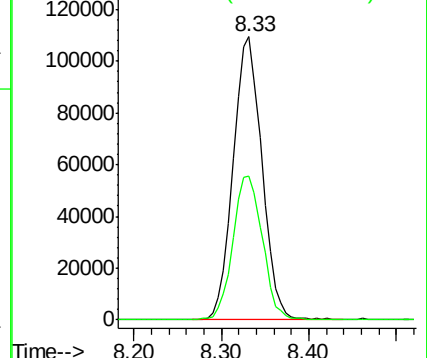
65 100

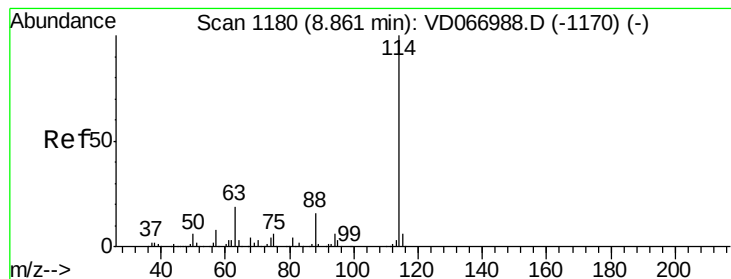
67 52.0 0.0 106.8



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: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067011.D

Acq: 02 Oct 2020 01:02

Instrument :

MSVOA_D

ClientSampleId :

RO-10

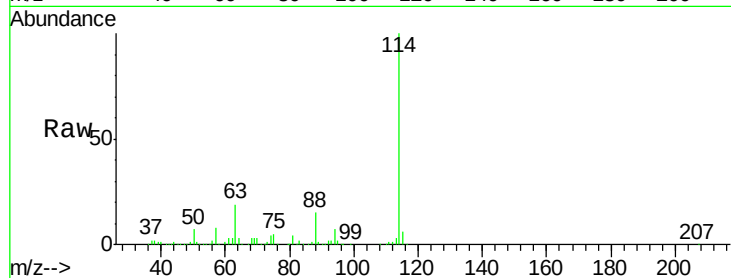
Tot Ion:114 Resp: 852923

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

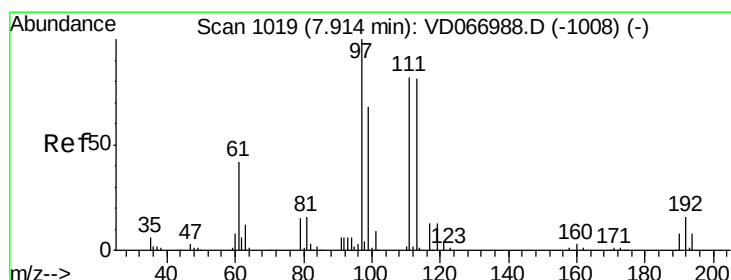
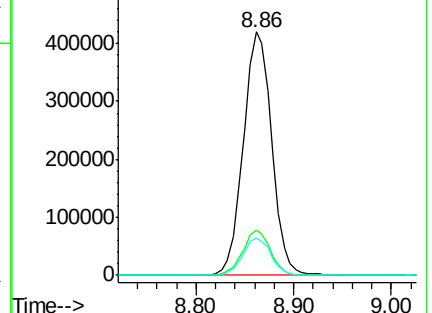
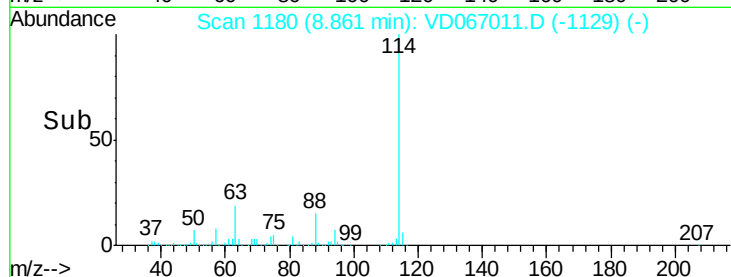
88 15.5 0.0 31.2



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: 48.912 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067011.D

Acq: 02 Oct 2020 01:02

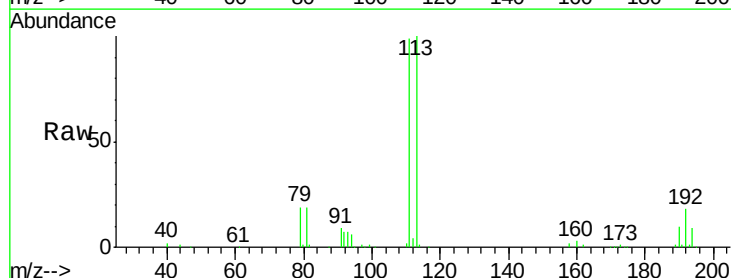
Tgt Ion:113 Resp: 273119

Ion Ratio Lower Upper

113 100

111 100.9 83.0 124.4

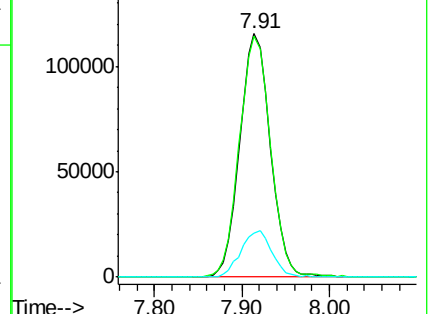
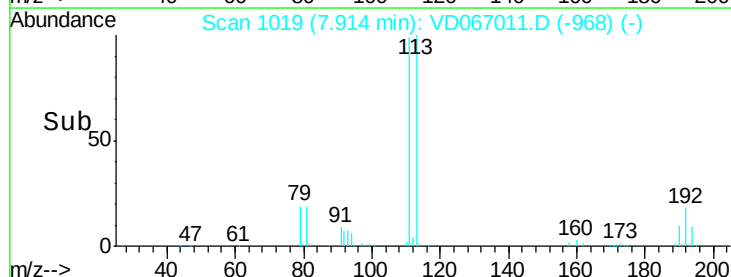
192 19.3 15.5 23.3

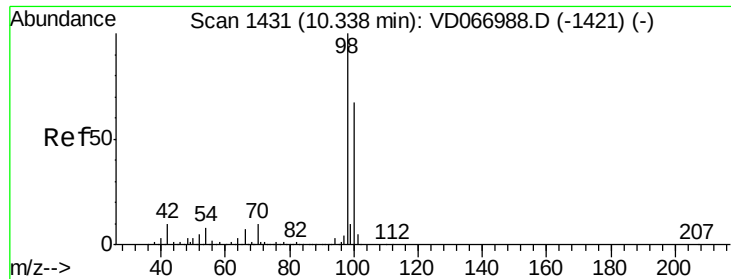


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

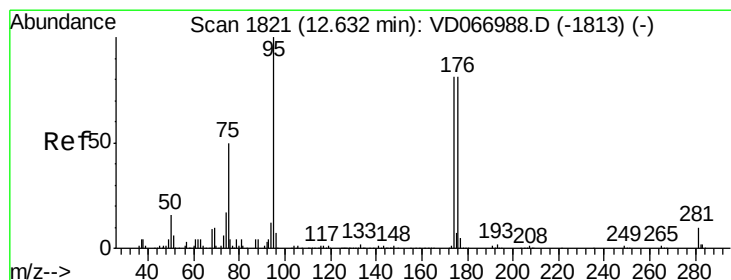
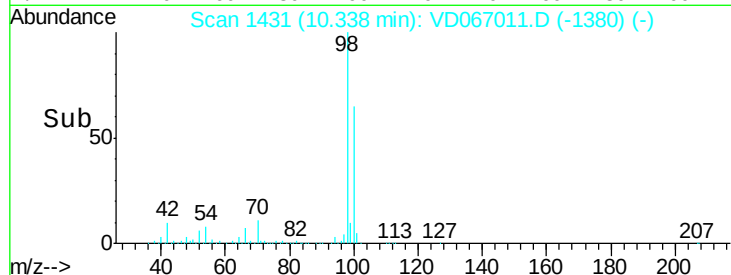
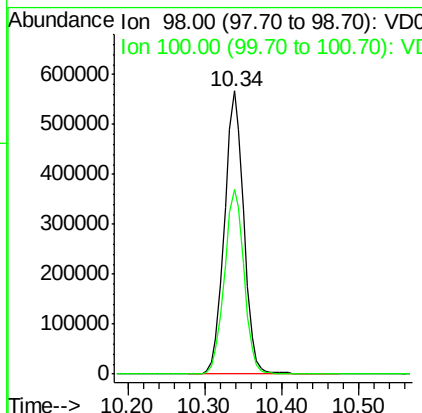
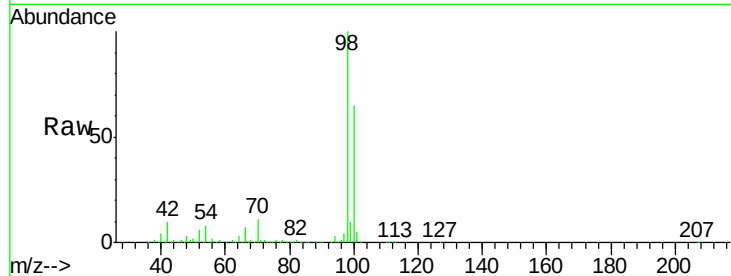




#50
Toluene-d8
Concen: 48.766 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067011.D
Acq: 02 Oct 2020 01:02

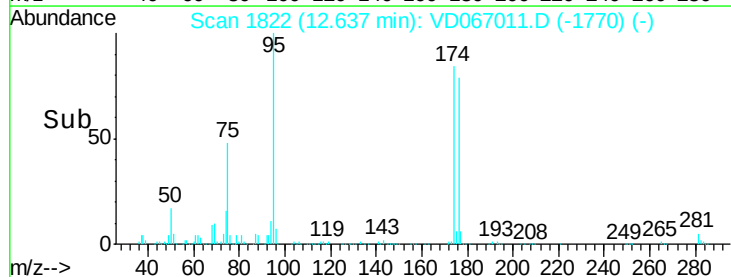
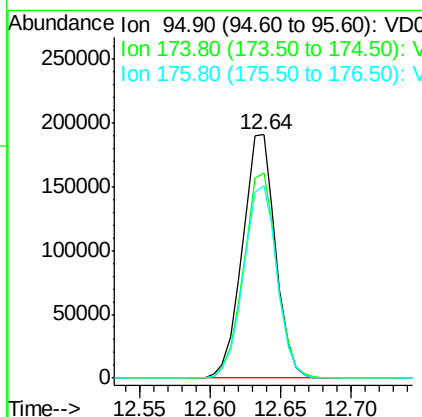
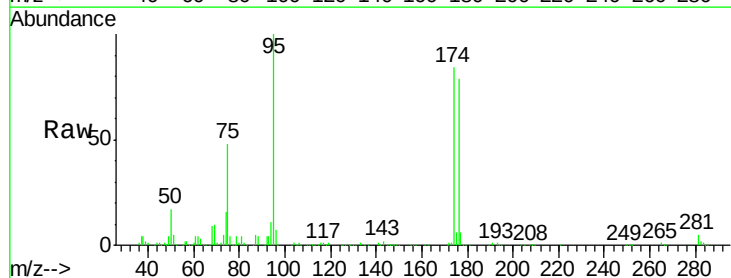
Instrument :
MSVOA_D
ClientSampleId :
RO-10

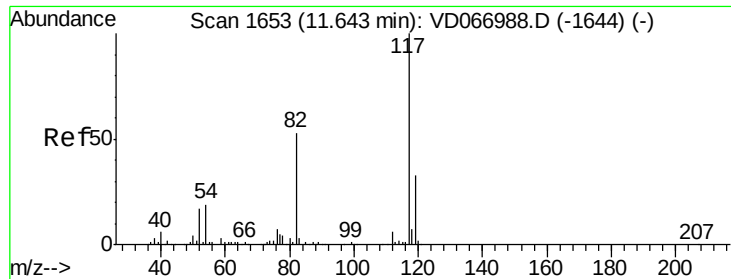
Tot Ion: 98 Resp: 992247
Ion Ratio Lower Upper
98 100
100 66.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.234 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067011.D
Acq: 02 Oct 2020 01:02

Tgt Ion: 95 Resp: 312450
Ion Ratio Lower Upper
95 100
174 84.6 0.0 167.6
176 80.4 0.0 162.4

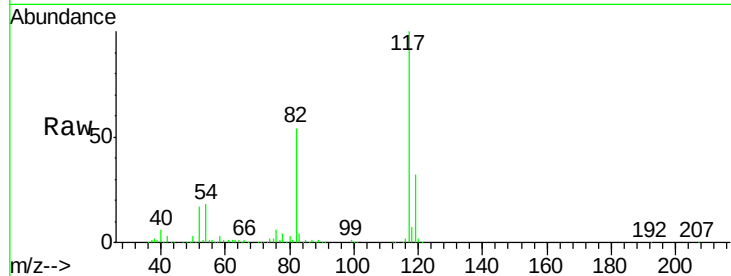




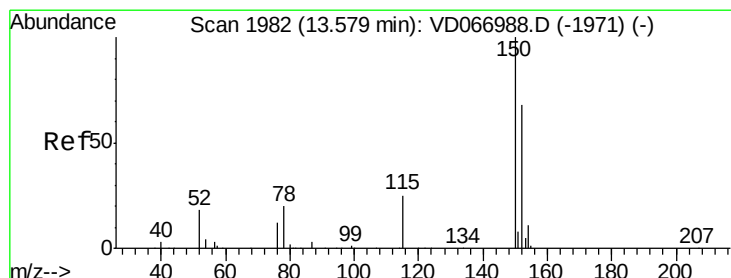
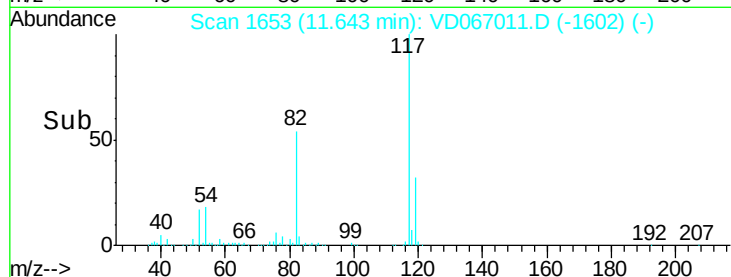
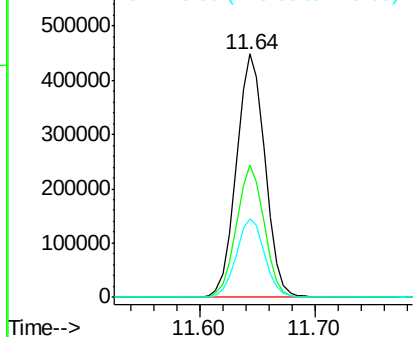
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067011.D
Acq: 02 Oct 2020 01:02

Instrument :
MSVOA_D
ClientSampleId :
RO-10

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.6	63.8
119	32.0	26.3	39.5

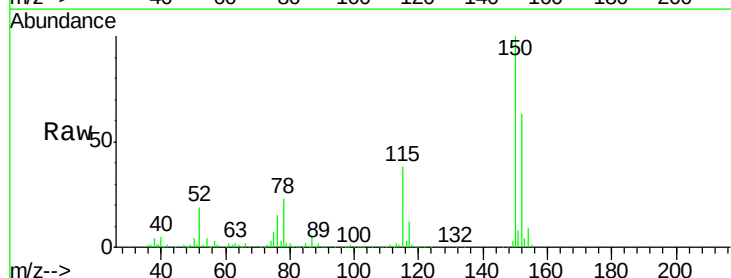


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067011.D
Acq: 02 Oct 2020 01:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.6	88.8
150	157.2	0.0	344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

