

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067730.D
 Acq On : 20 Nov 2020 17:42
 Operator : VA/SY
 Sample : L4592-01
 Misc : 6.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-112020

Quant Time: Nov 23 05:00:04 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	249986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	375477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	415938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	221743	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	123187	56.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.72%	
35) Dibromofluoromethane	7.91	113	118577	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	10.34	98	454035	57.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.22%	
62) 4-Bromofluorobenzene	12.64	95	185717	67.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.32%	

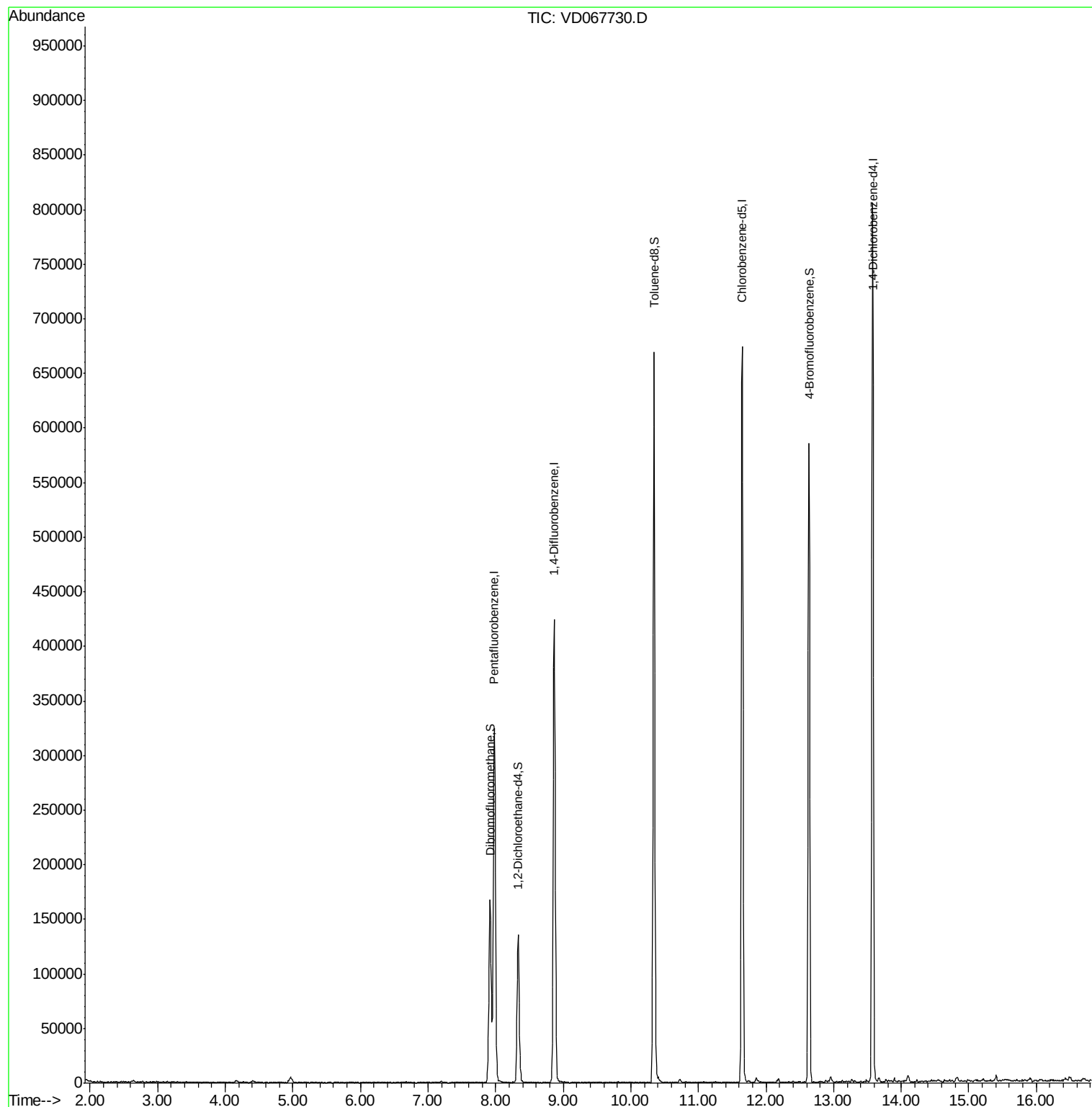
Target Compounds	Qvalue
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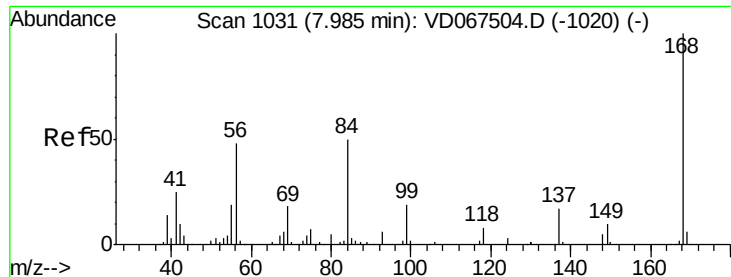
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067730.D

Acq: 20 Nov 2020 17:42

Instrument :

MSVOA_D

ClientSampleId :

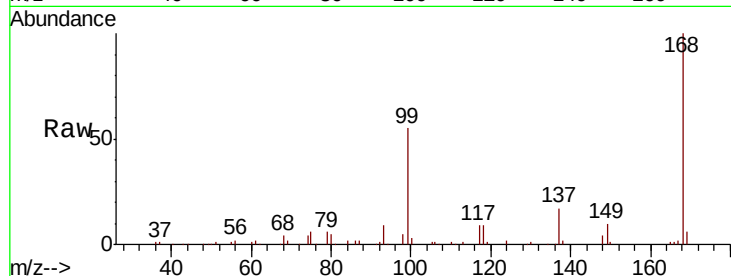
EO-01-112020

Tot Ion:168 Resp: 249986

Ion Ratio Lower Upper

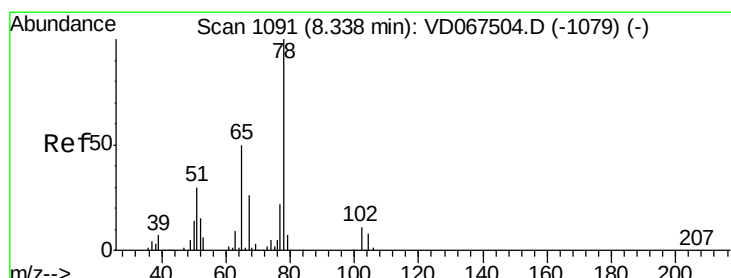
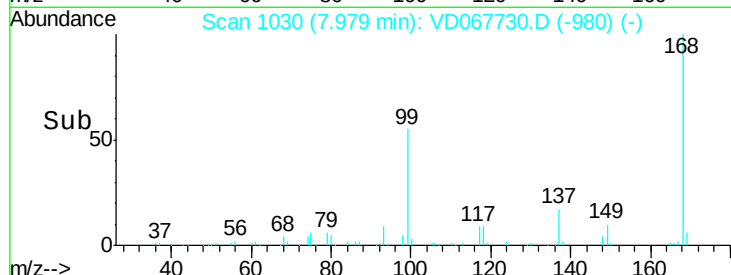
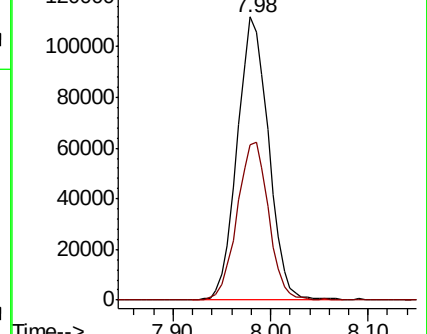
168 100

99 55.0 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: 56.357 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067730.D

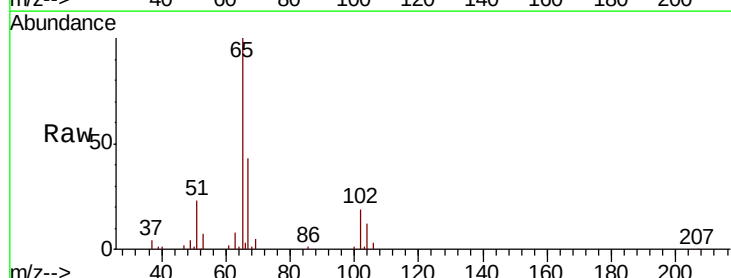
Acq: 20 Nov 2020 17:42

Tgt Ion: 65 Resp: 123187

Ion Ratio Lower Upper

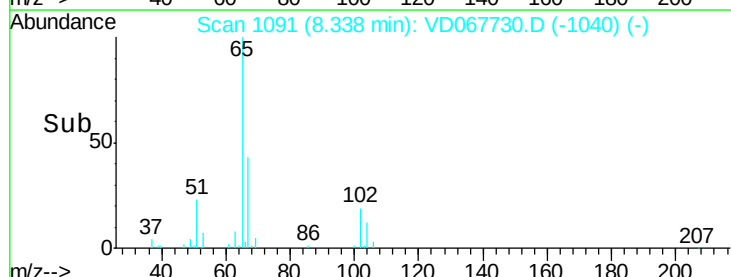
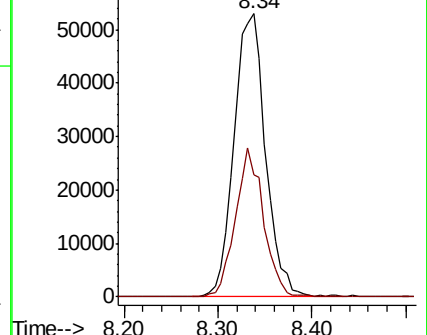
65 100

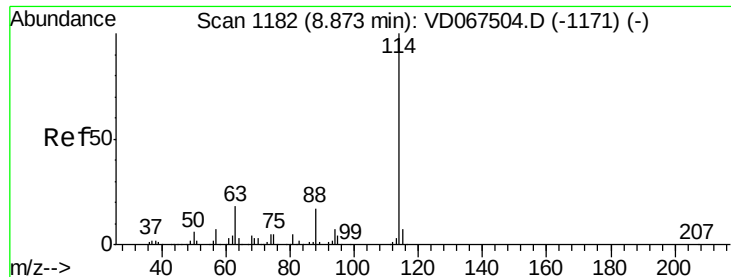
67 46.8 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

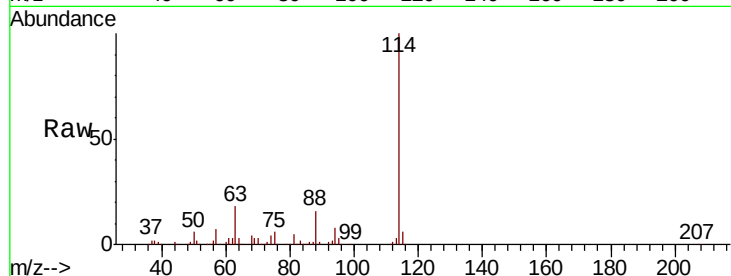




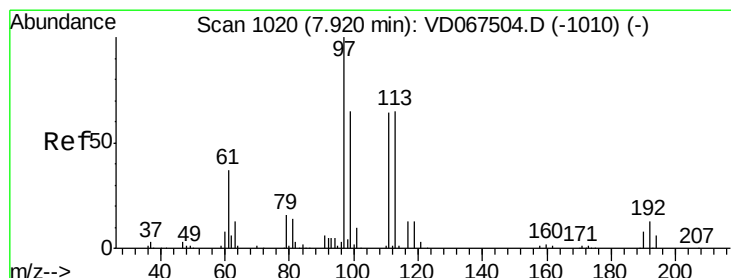
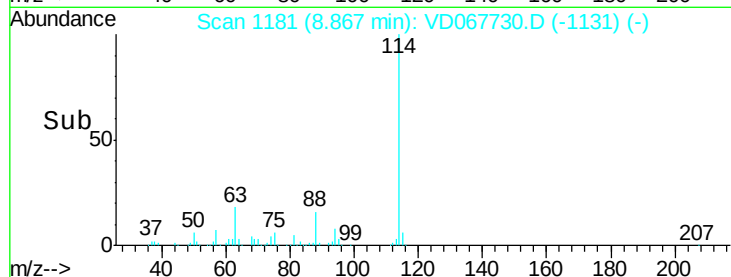
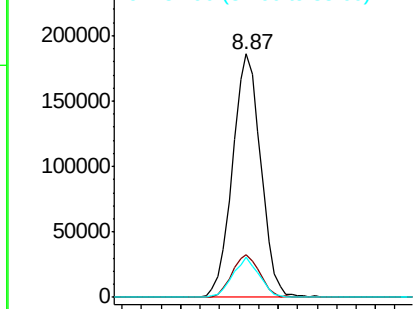
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067730.D
 Acq: 20 Nov 2020 17:42

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-112020

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.0
88	16.2	0.0	33.0

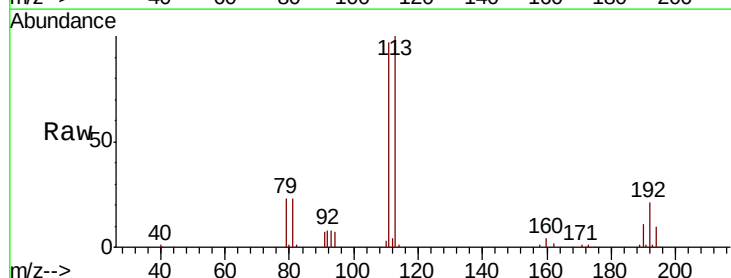


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

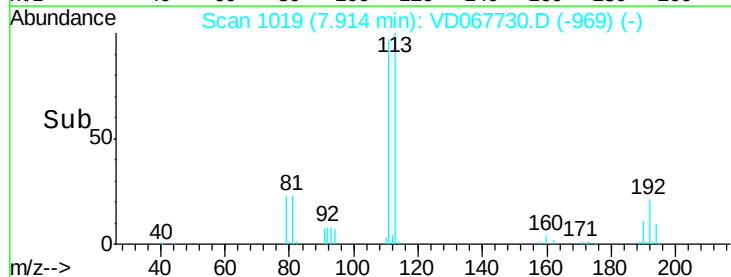
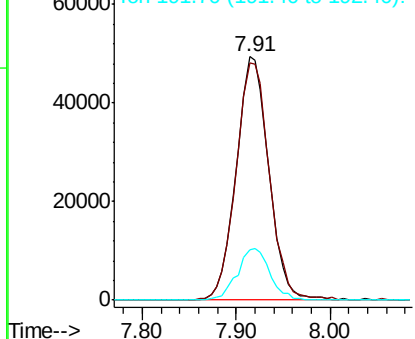


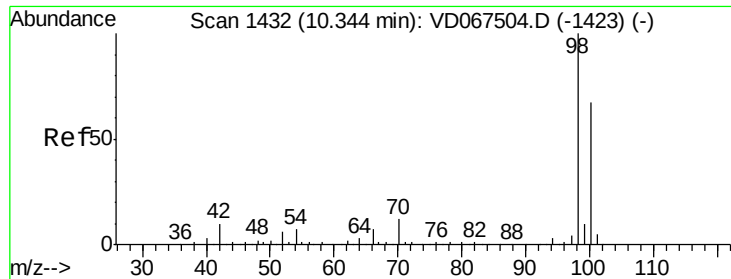
#35
 Dibromofluoromethane
 Concen: 52.416 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067730.D
 Acq: 20 Nov 2020 17:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.2	80.0	120.0
192	21.1	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

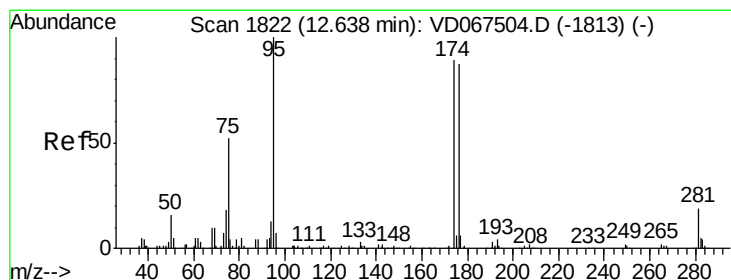
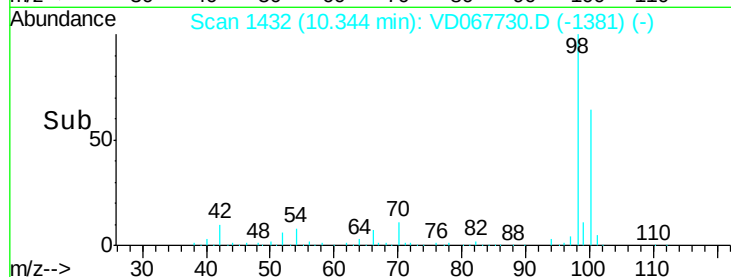
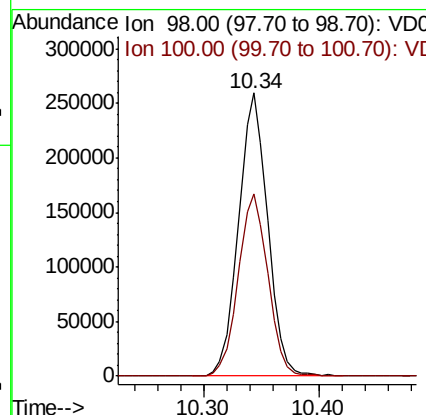
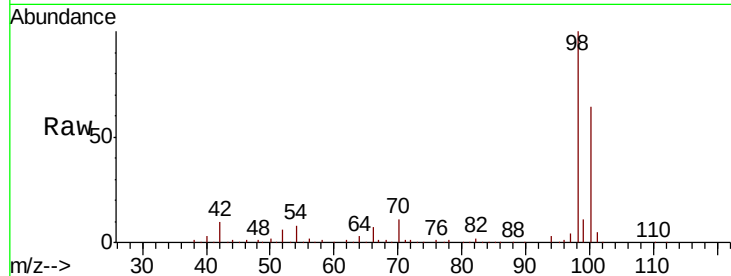




#50
Toluene-d8
Concen: 57.111 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067730.D
Acq: 20 Nov 2020 17:42

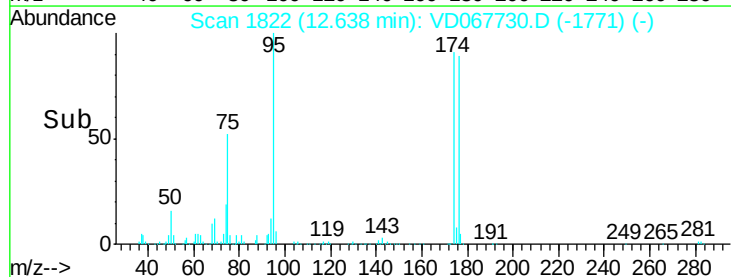
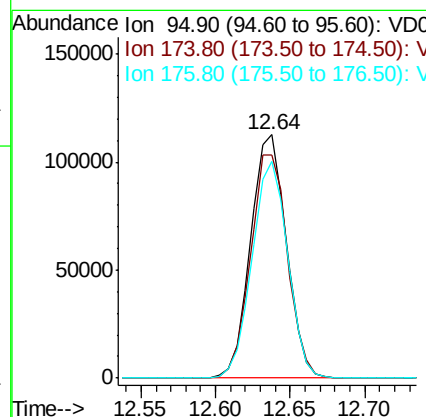
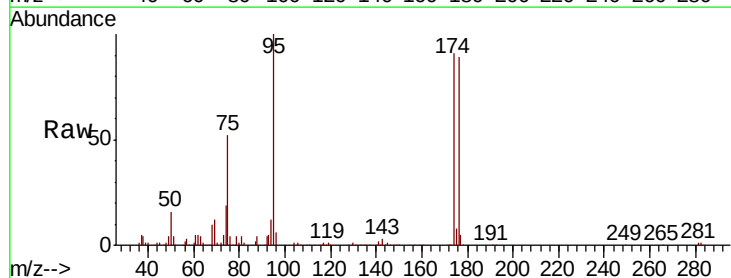
Instrument :
MSVOA_D
ClientSampleId :
EO-01-112020

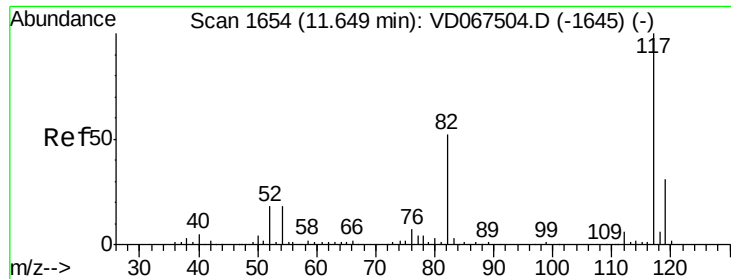
Tot Ion: 98 Resp: 454035
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 67.663 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067730.D
Acq: 20 Nov 2020 17:42

Tgt Ion: 95 Resp: 185717
Ion Ratio Lower Upper
95 100
174 94.8 0.0 177.8
176 89.0 0.0 172.0

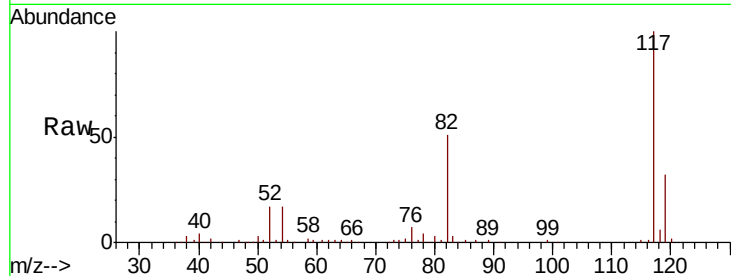




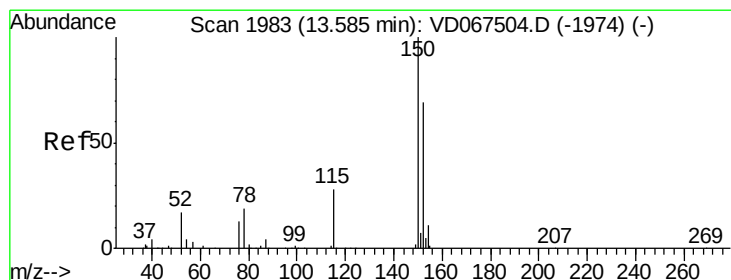
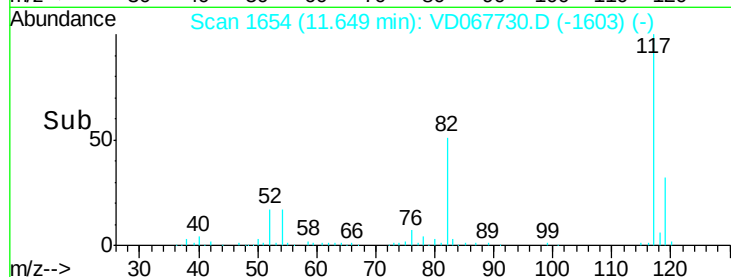
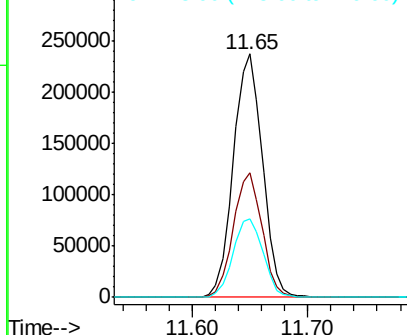
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067730.D
Acq: 20 Nov 2020 17:42

Instrument :
MSVOA_D
ClientSampleId :
EO-01-112020

Tot Ion:117 Resp: 415938
Ion Ratio Lower Upper
117 100
82 51.0 41.6 62.4
119 32.0 25.1 37.7

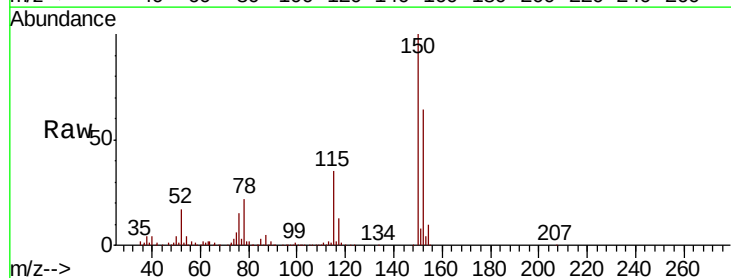


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VD
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067730.D
Acq: 20 Nov 2020 17:42

Tgt Ion:152 Resp: 221743
Ion Ratio Lower Upper
152 100
115 57.5 29.3 88.0
150 156.7 0.0 338.2



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

