

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067597.D
 Acq On : 11 Nov 2020 12:51
 Operator : VA/SY
 Sample : L4702-02
 Misc : 5.42G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 M-5(10-20)

Quant Time: Nov 12 00:35:09 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

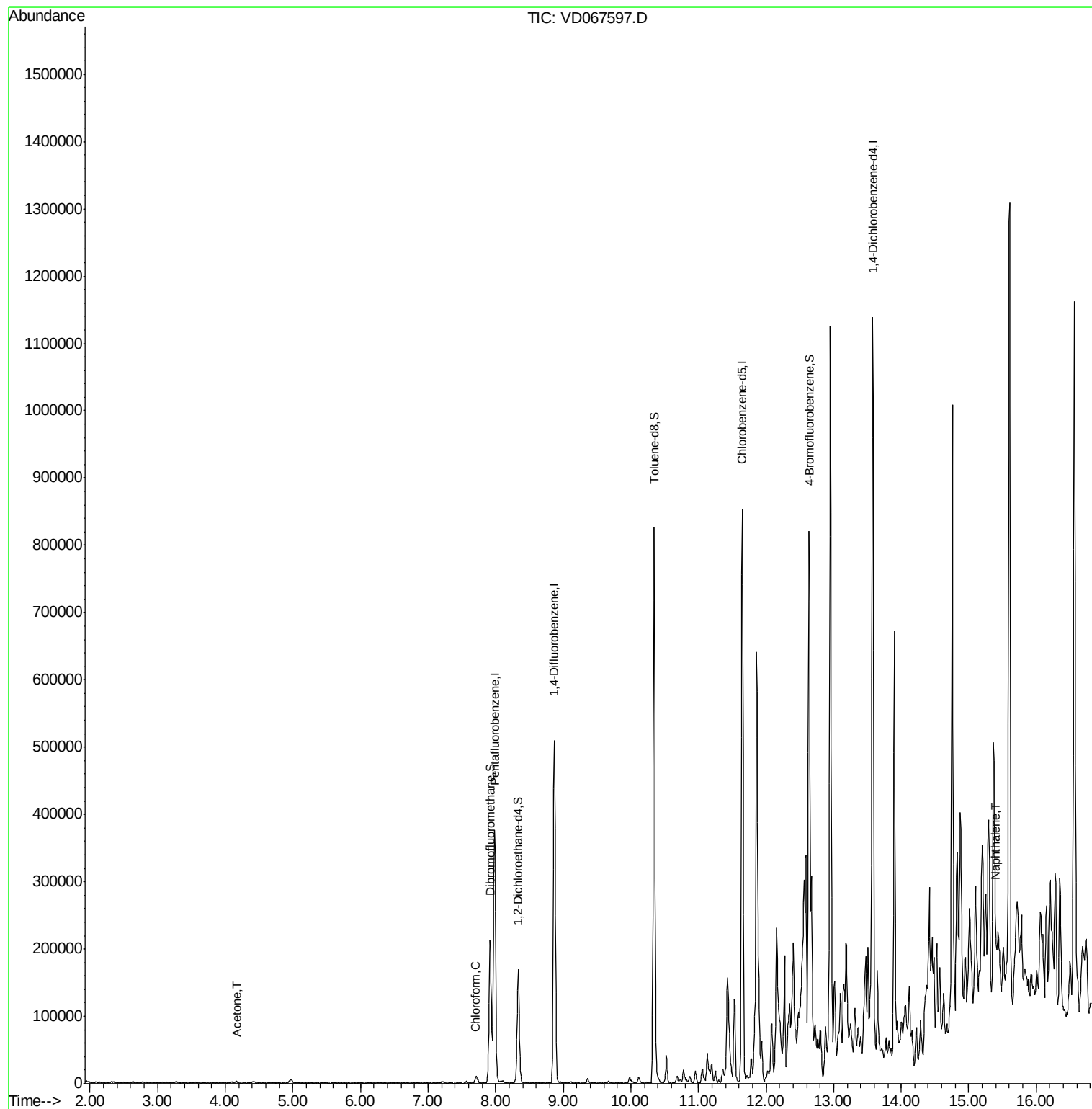
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	287700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	463891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	514209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	268367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	146290	58.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.30%	
35) Dibromofluoromethane	7.91	113	149447	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
50) Toluene-d8	10.34	98	558435	56.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.72%	
62) 4-Bromofluorobenzene	12.64	95	242741	71.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.16%	
Target Compounds						
16) Acetone	4.17	43	3607	9.582	ug/l	97
30) Chloroform	7.71	83	7884	1.613	ug/l	92
95) Naphthalene	15.40	128	69551	9.440	ug/l #	88

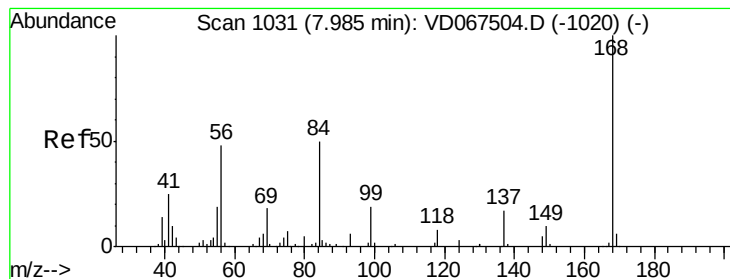
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

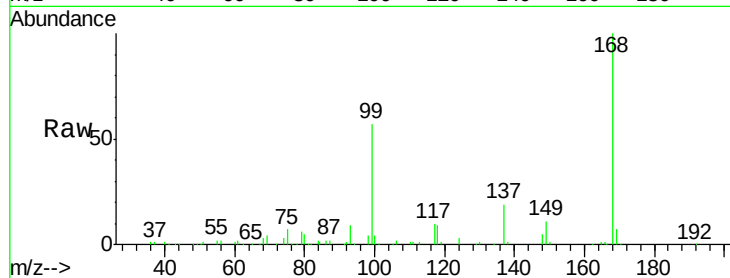
M-5(10-20)

Tot Ion:168 Resp: 287700

Ion Ratio Lower Upper

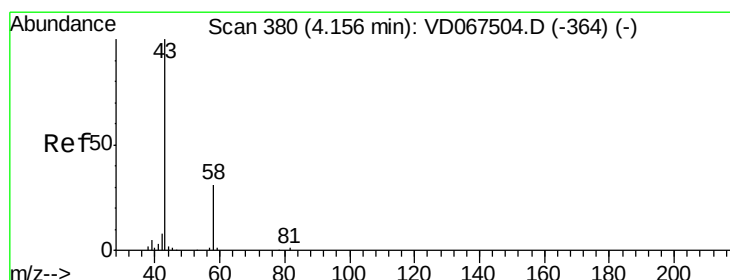
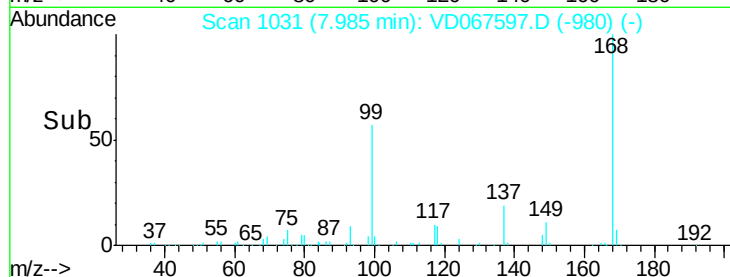
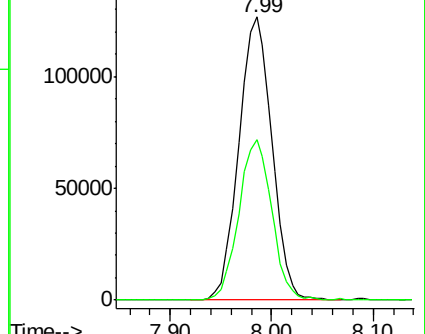
168 100

99 56.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 9.582 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067597.D

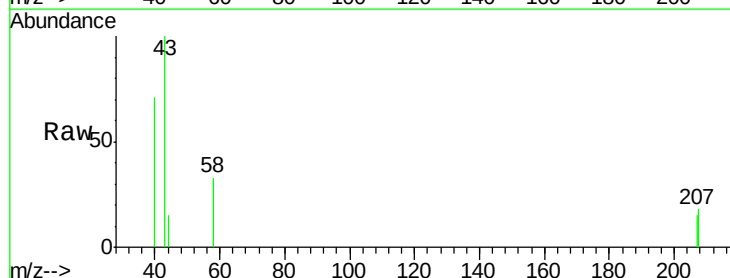
Acq: 11 Nov 2020 12:51

Tgt Ion: 43 Resp: 3607

Ion Ratio Lower Upper

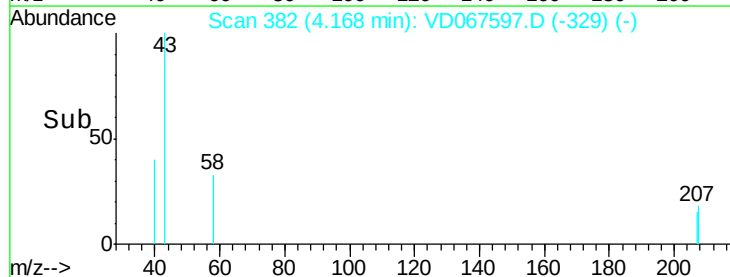
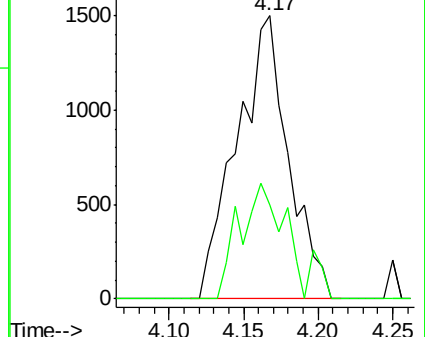
43 100

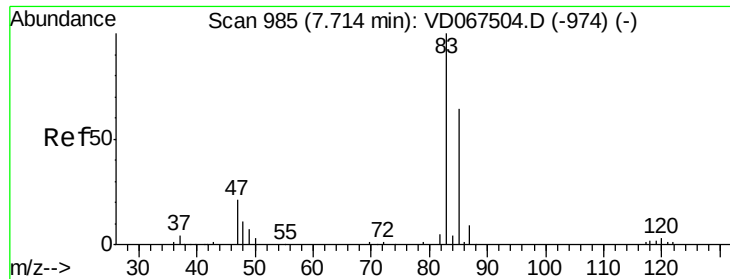
58 33.1 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

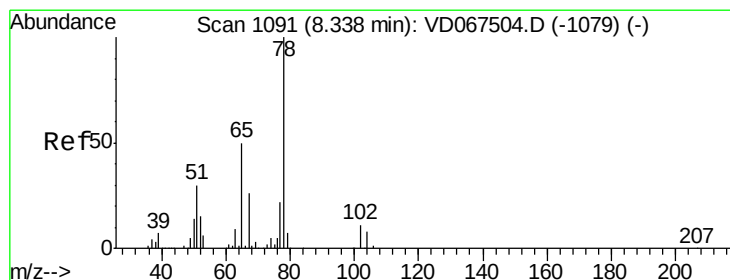
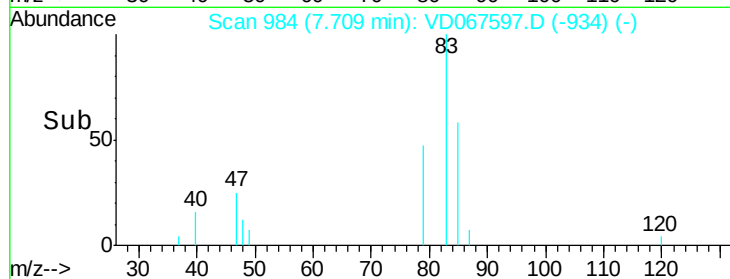
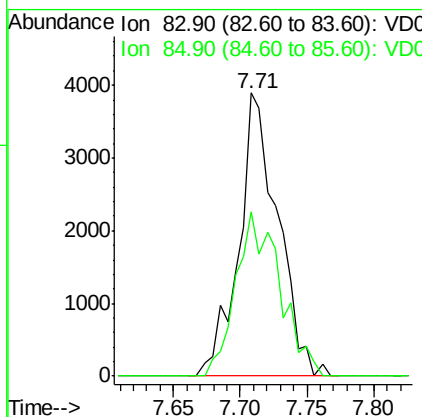
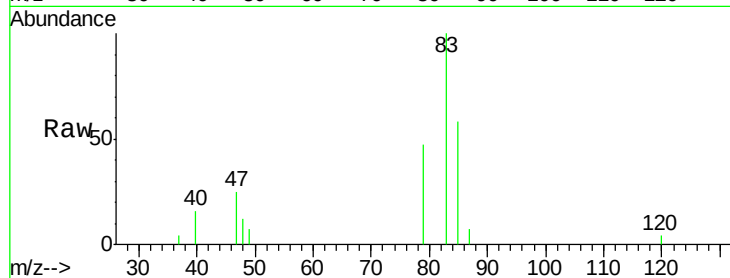




#30
Chloroform
Concen: 1.613 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067597.D
Acq: 11 Nov 2020 12:51

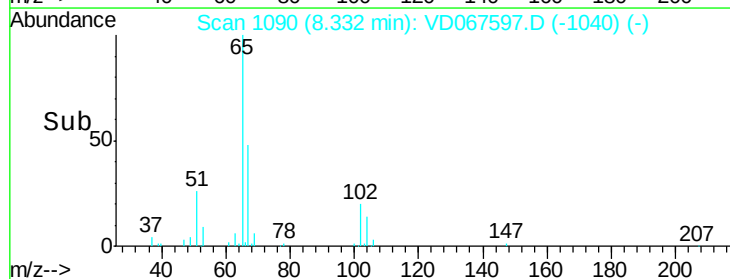
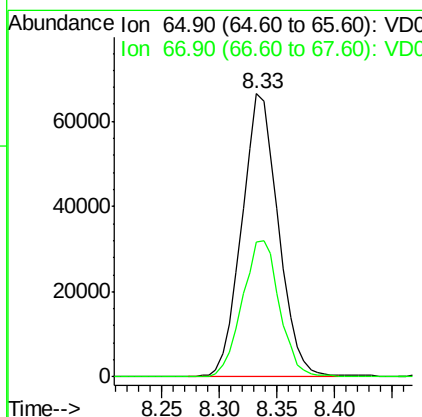
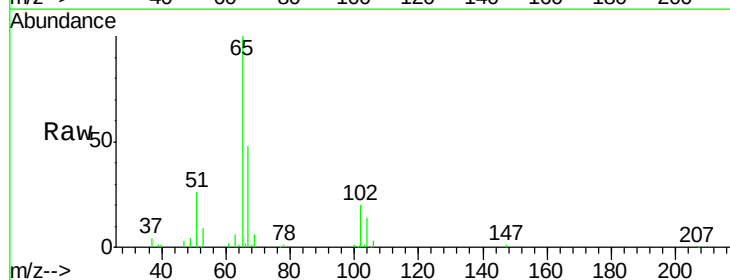
Instrument :
MSVOA_D
ClientSampleId :
M-5(10-20)

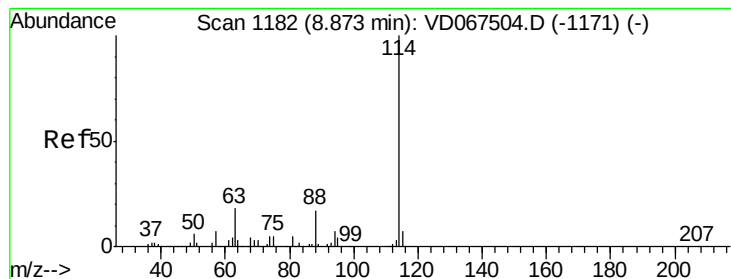
Tot Ion: 83 Resp: 7884
Ion Ratio Lower Upper
83 100
85 58.0 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 58.153 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067597.D
Acq: 11 Nov 2020 12:51

Tgt Ion: 65 Resp: 146290
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067597.D

Acq: 11 Nov 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

M-5(10-20)

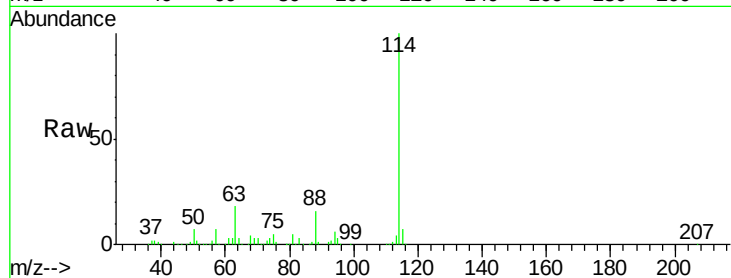
Tot Ion:114 Resp: 463891

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

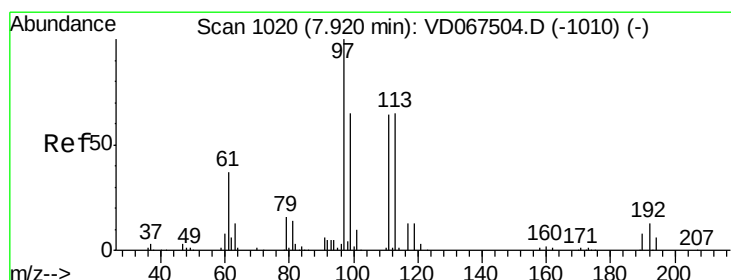
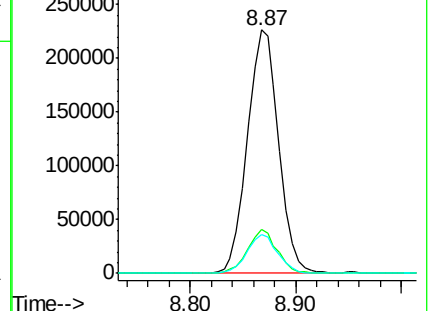
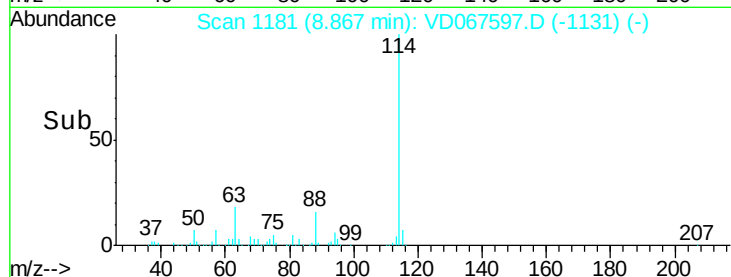
88 16.0 0.0 33.0



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: 53.471 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD067597.D

Acq: 11 Nov 2020 12:51

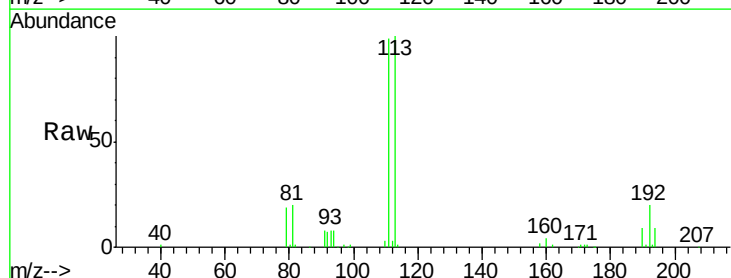
Tgt Ion:113 Resp: 149447

Ion Ratio Lower Upper

113 100

111 100.5 80.0 120.0

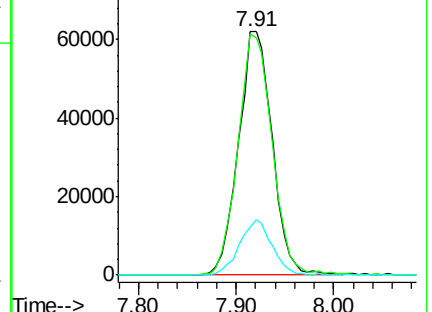
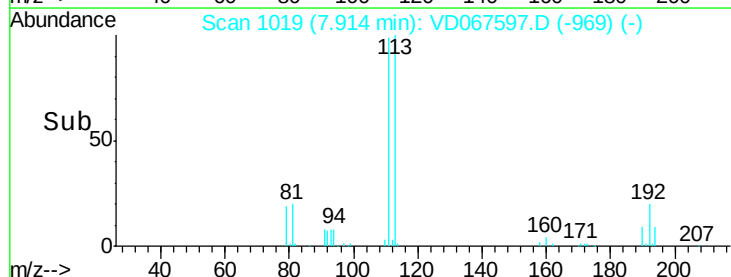
192 21.6 16.3 24.5

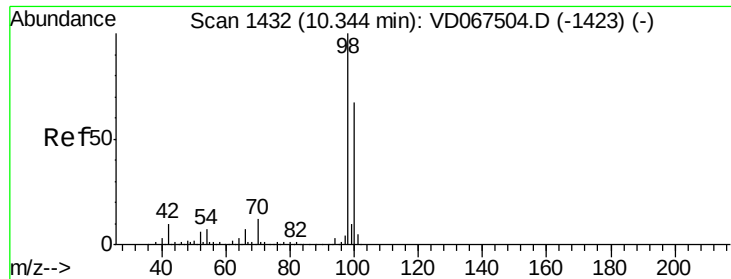


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

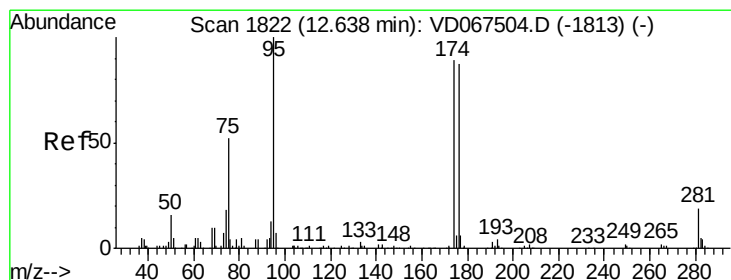
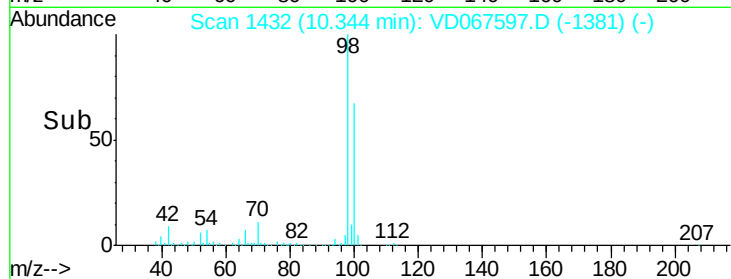
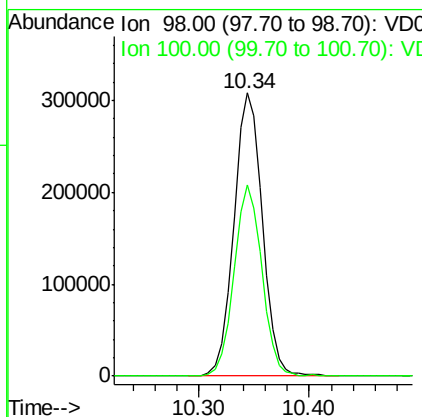
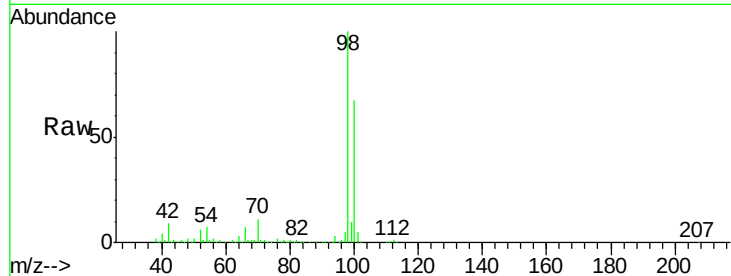




#50
Toluene-d8
Concen: 56.855 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067597.D
Acq: 11 Nov 2020 12:51

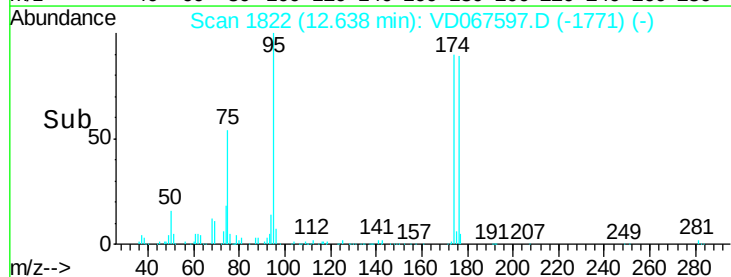
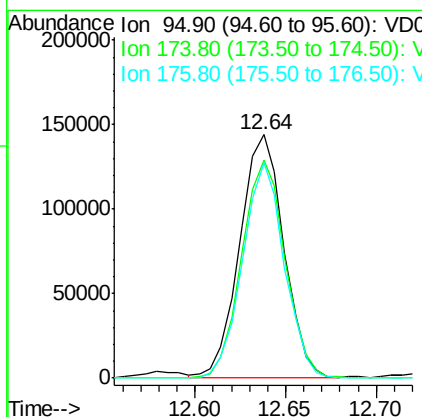
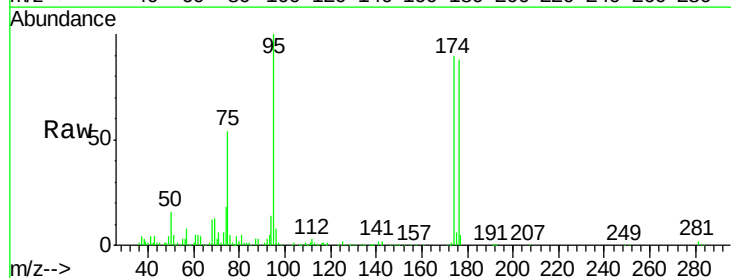
Instrument :
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ClientSampleId :
M-5(10-20)

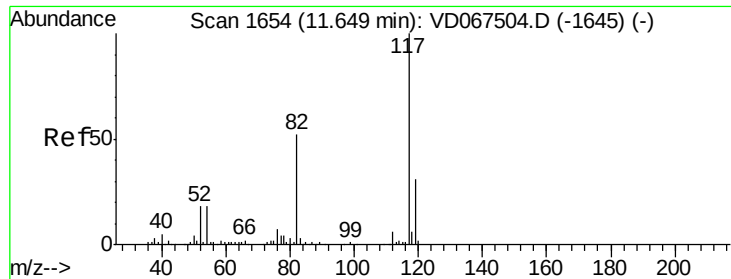
Tot Ion: 98 Resp: 558435
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 71.583 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067597.D
Acq: 11 Nov 2020 12:51

Tgt Ion: 95 Resp: 242741
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.8
176 84.1 0.0 172.0

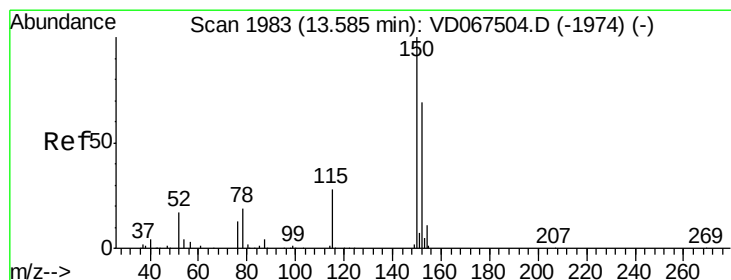
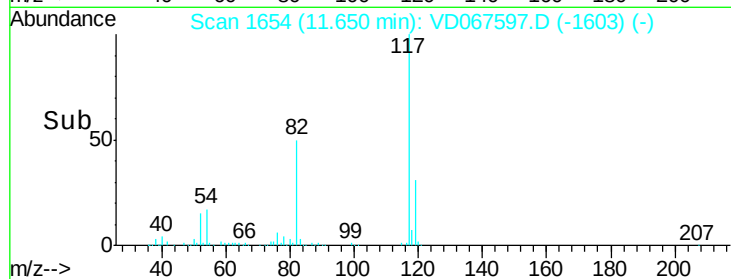
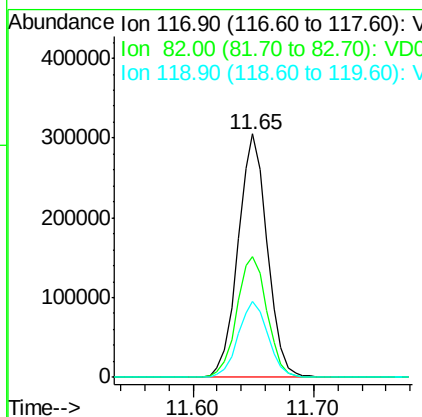
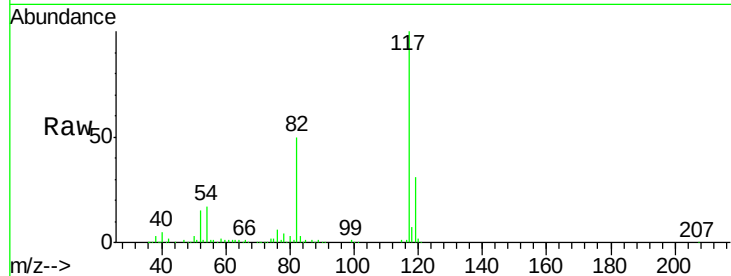




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067597.D
Acq: 11 Nov 2020 12:51

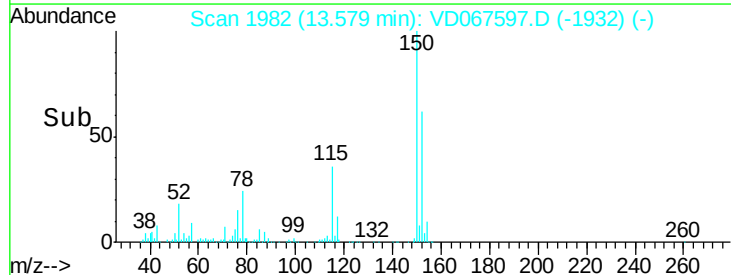
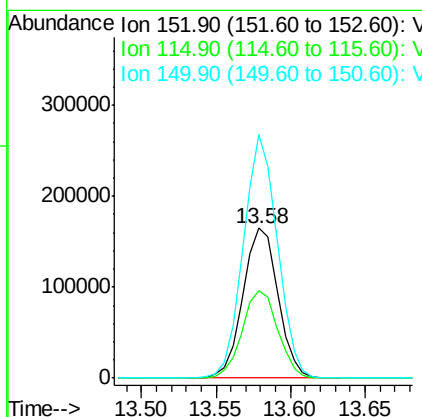
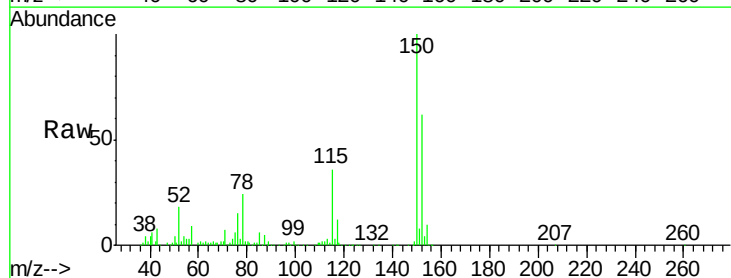
Instrument :
MSVOA_D
ClientSampleId :
M-5(10-20)

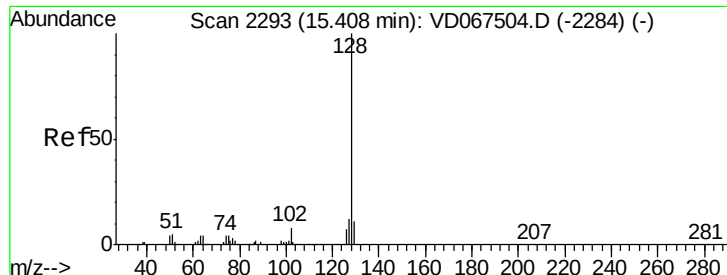
Tot Ion:117 Resp: 514209
Ion Ratio Lower Upper
117 100
82 49.7 41.6 62.4
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067597.D
Acq: 11 Nov 2020 12:51

Tgt Ion:152 Resp: 268367
Ion Ratio Lower Upper
152 100
115 59.3 29.3 88.0
150 157.0 0.0 338.2





#95

Naphthalene

Concen: 9.440 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067597.D

Acq: 11 Nov 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

M-5(10-20)

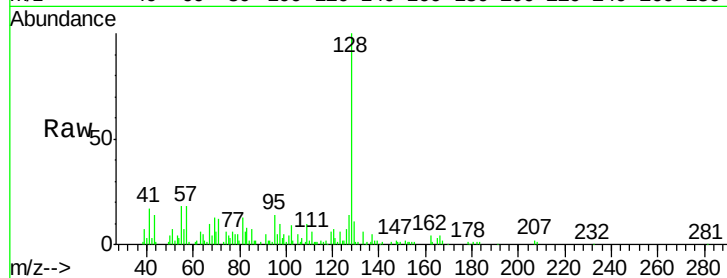
Tot Ion:128 Resp: 69551

Ion Ratio Lower Upper

128 100

127 20.8 10.2 15.4#

129 12.2 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

