

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067612.D
 Acq On : 11 Nov 2020 19:42
 Operator : VA/SY
 Sample : L4715-01
 Misc : 7.32G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 M-6(10-20)

Quant Time: Nov 12 01:21:29 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

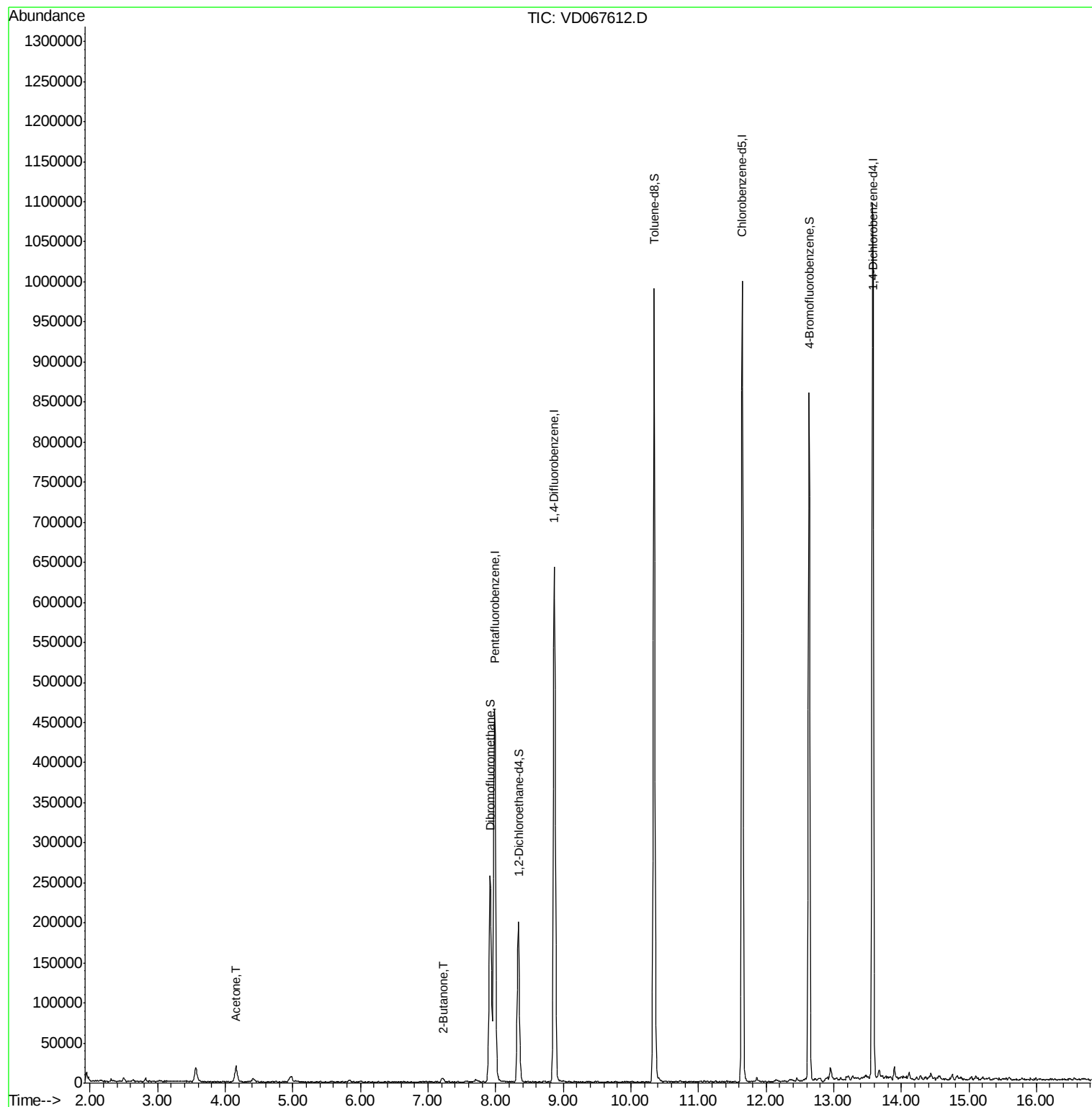
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	363479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	583412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	603221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	311213	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	172605	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
35) Dibromofluoromethane	7.92	113	188016	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
50) Toluene-d8	10.34	98	686695	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
62) 4-Bromofluorobenzene	12.64	95	273924	64.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.46%	
Target Compounds						
16) Acetone	4.16	43	32758	68.877	ug/l	96
25) 2-Butanone	7.22	43	8280	16.293	ug/l #	84

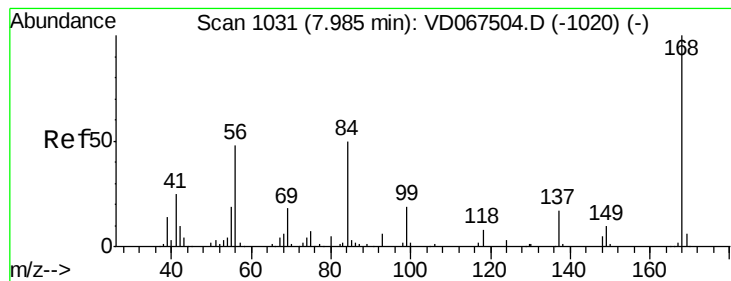
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067612.D

Acq: 11 Nov 2020 19:42

Instrument :

MSVOA_D

ClientSampleId :

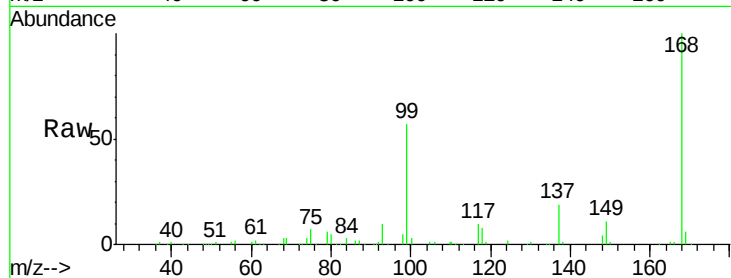
M-6(10-20)

Tot Ion:168 Resp: 363479

Ion Ratio Lower Upper

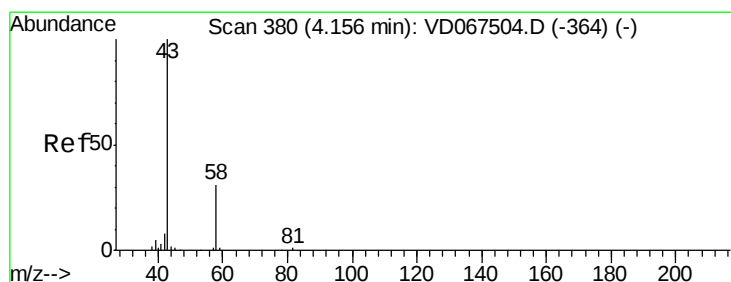
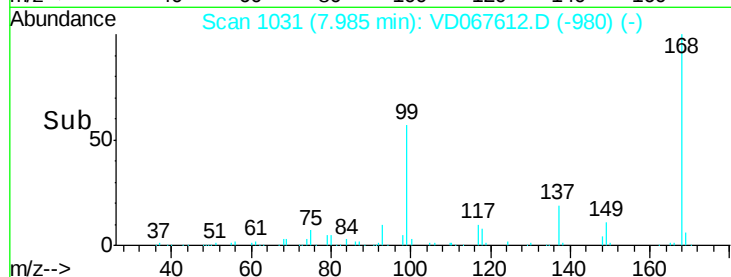
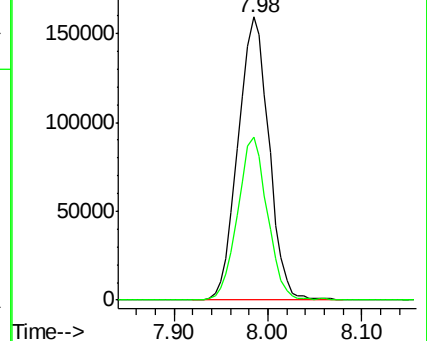
168 100

99 57.4 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: 68.877 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067612.D

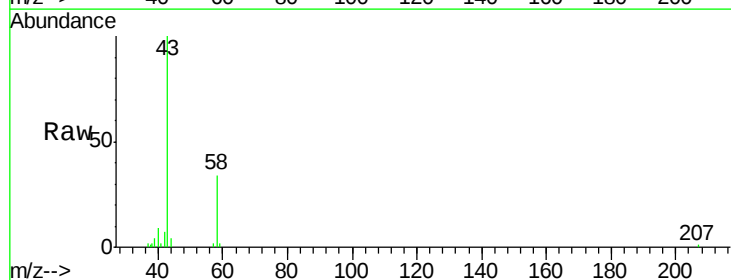
Acq: 11 Nov 2020 19:42

Tgt Ion: 43 Resp: 32758

Ion Ratio Lower Upper

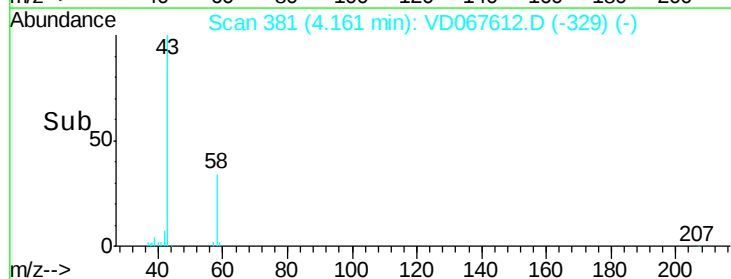
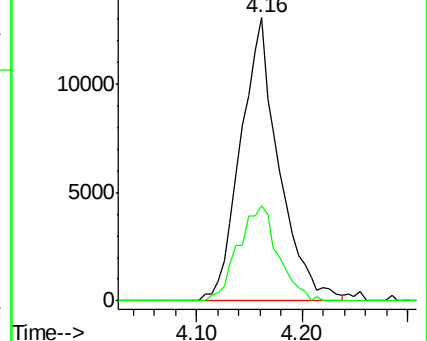
43 100

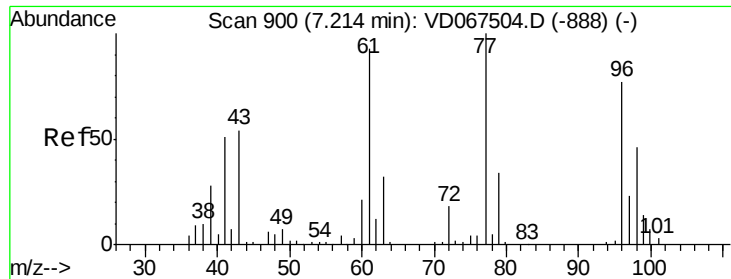
58 33.6 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

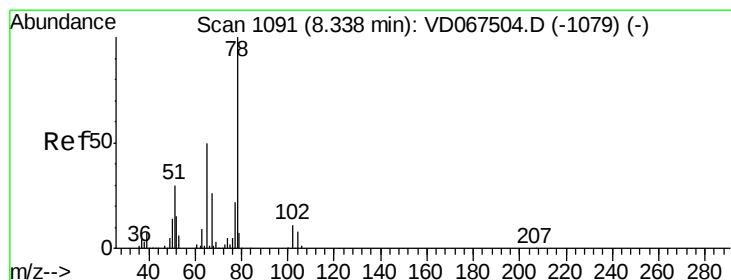
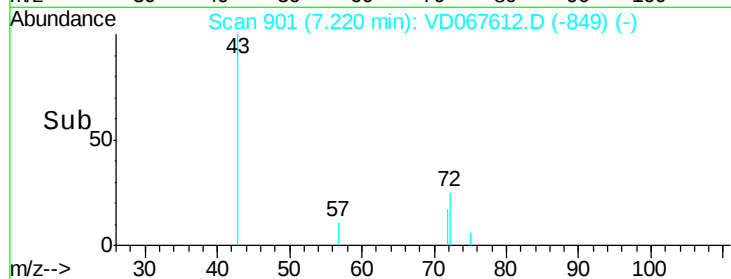
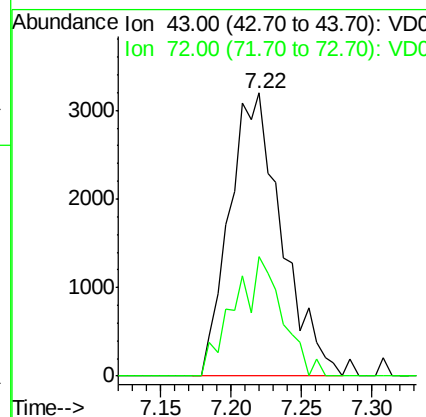
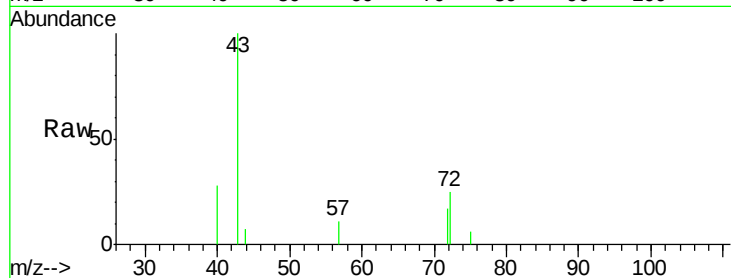




#25
 2-Butanone
 Concen: 16.293 ug/l
 RT: 7.22 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VD067612.D
 Acq: 11 Nov 2020 19:42

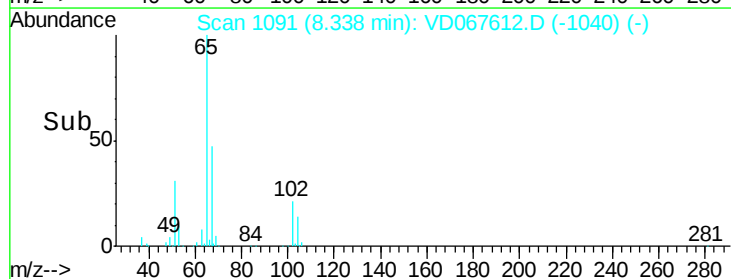
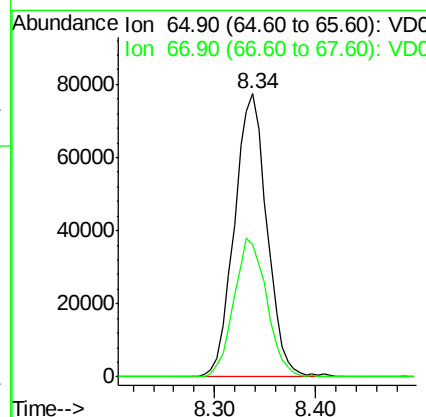
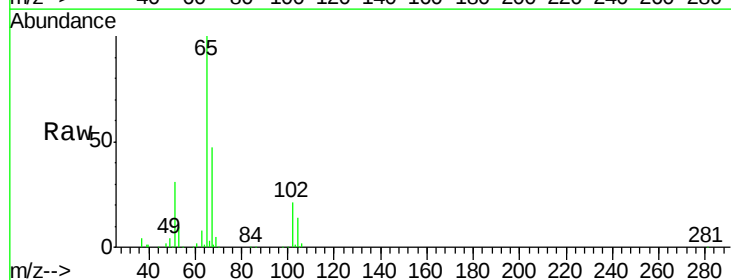
Instrument :
 MSVOA_D
 ClientSampleId :
 M-6(10-20)

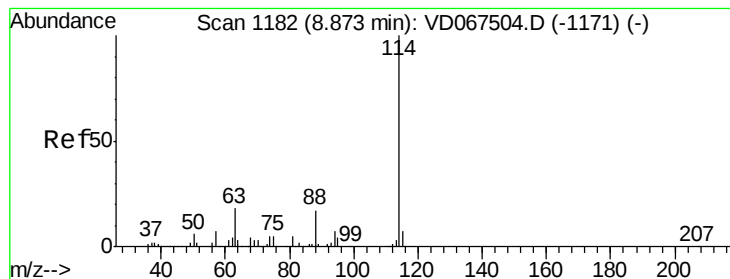
Tot Ion: 43 Resp: 8280
 Ion Ratio Lower Upper
 43 100
 72 42.2 26.4 39.6#



#33
 1,2-Dichloroethane-d4
 Concen: 54.309 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067612.D
 Acq: 11 Nov 2020 19:42

Tgt Ion: 65 Resp: 172605
 Ion Ratio Lower Upper
 65 100
 67 49.5 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: VD067612.D

Acq: 11 Nov 2020 19:42

Instrument :

MSVOA_D

ClientSampleId :

M-6(10-20)

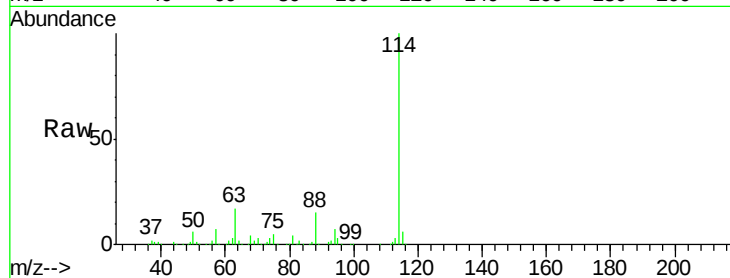
Tot Ion:114 Resp: 583412

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

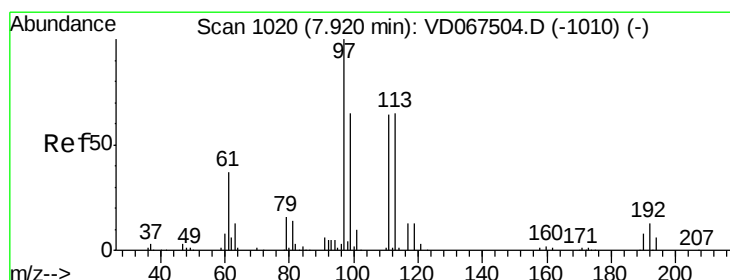
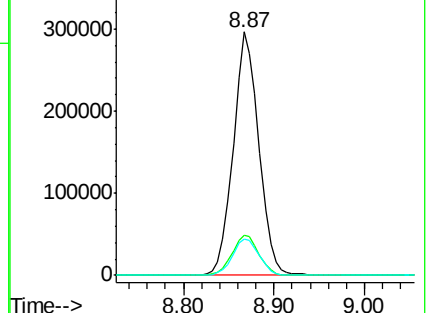
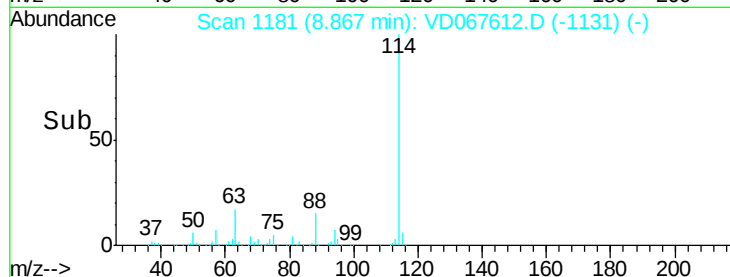
88 15.1 0.0 33.0



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: 53.489 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067612.D

Acq: 11 Nov 2020 19:42

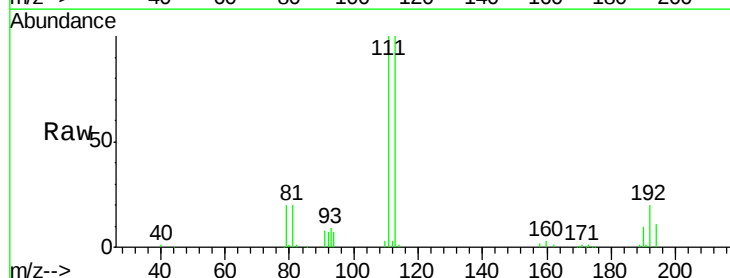
Tgt Ion:113 Resp: 188016

Ion Ratio Lower Upper

113 100

111 101.5 80.0 120.0

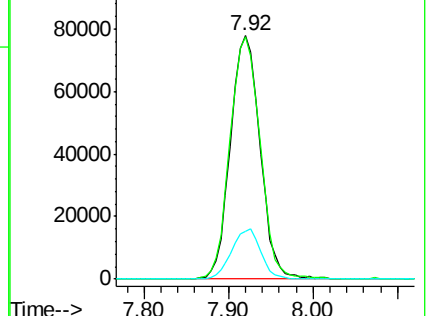
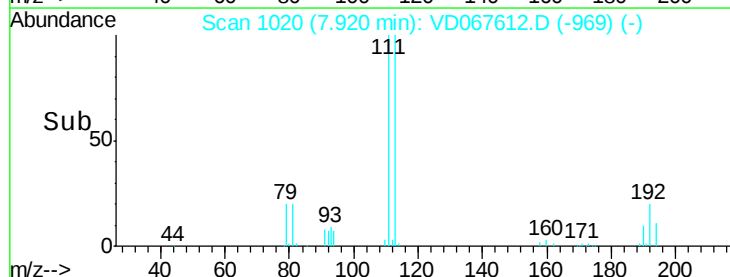
192 20.2 16.3 24.5

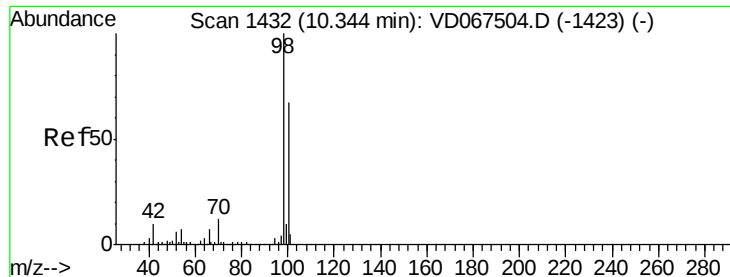


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.591 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067612.D

Acq: 11 Nov 2020 19:42

Instrument :

MSVOA_D

ClientSampleId :

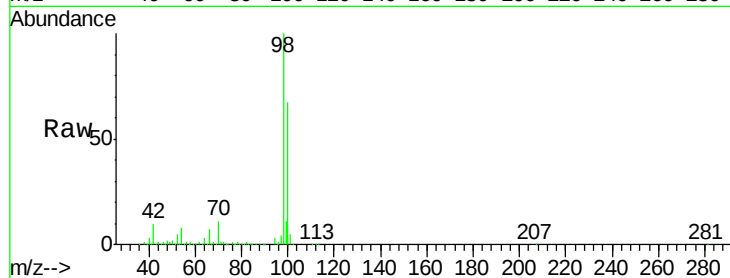
M-6(10-20)

Tot Ion: 98 Resp: 686695

Ion Ratio Lower Upper

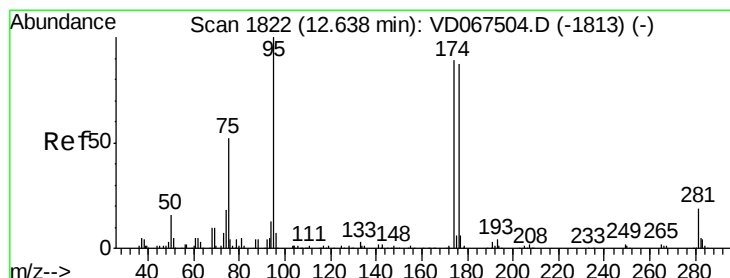
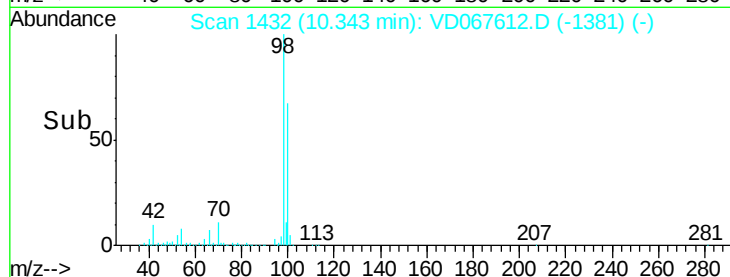
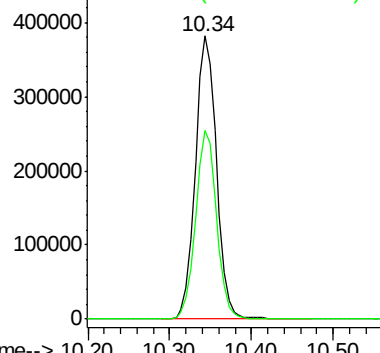
98 100

100 66.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 64.230 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067612.D

Acq: 11 Nov 2020 19:42

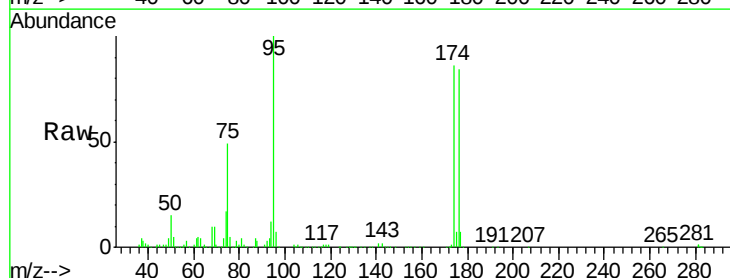
Tgt Ion: 95 Resp: 273924

Ion Ratio Lower Upper

95 100

174 89.0 0.0 177.8

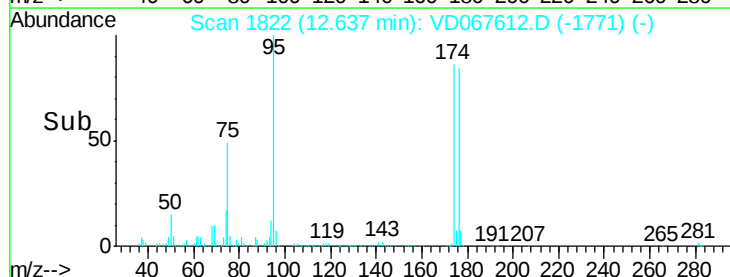
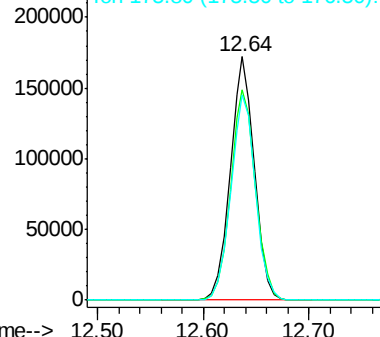
176 85.6 0.0 172.0

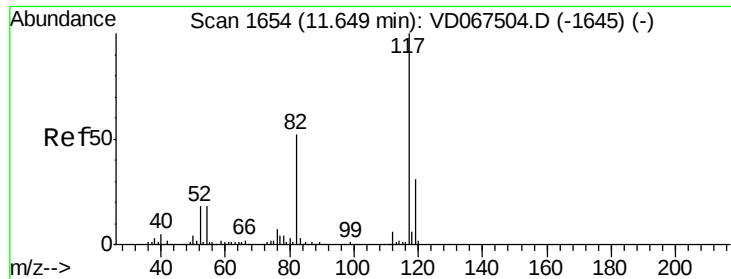


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

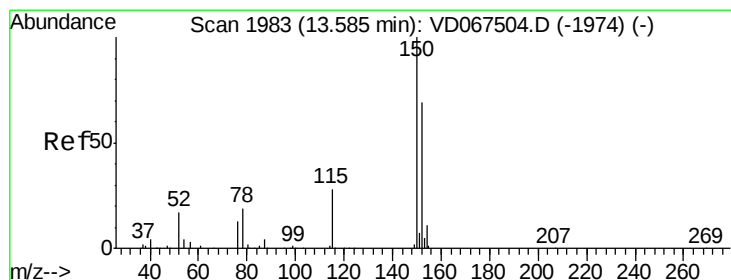
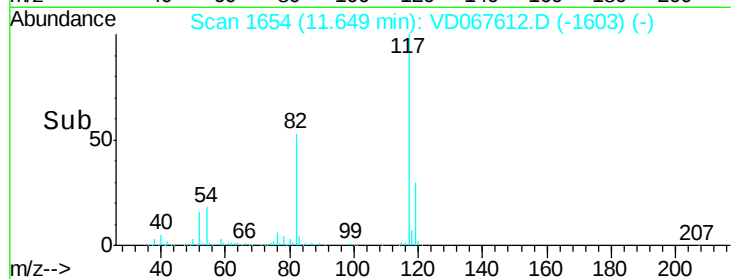
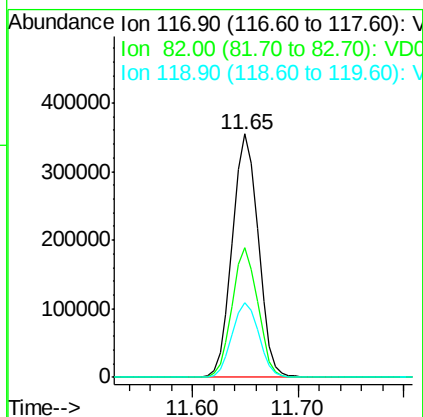
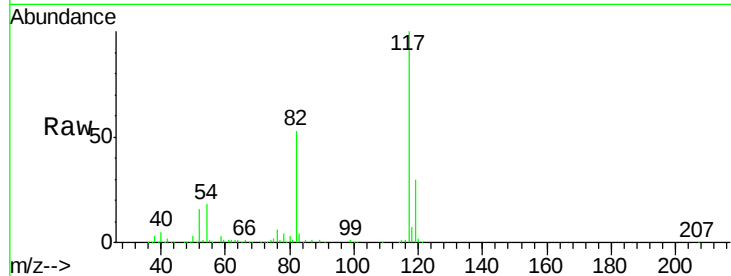




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067612.D
Acq: 11 Nov 2020 19:42

Instrument :
MSVOA_D
ClientSampleId :
M-6(10-20)

Tot Ion:117 Resp: 603221
Ion Ratio Lower Upper
117 100
82 53.1 41.6 62.4
119 30.5 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: VD067612.D
Acq: 11 Nov 2020 19:42

Tgt Ion:152 Resp: 311213
Ion Ratio Lower Upper
152 100
115 58.8 29.3 88.0
150 157.7 0.0 338.2

