

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102020\
 Data File : VD067332.D
 Acq On : 20 Oct 2020 18:57
 Operator : VA/SY
 Sample : L4475-01
 Misc : 7.62G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-1-0.5-1.0

Quant Time: Oct 21 02:53:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

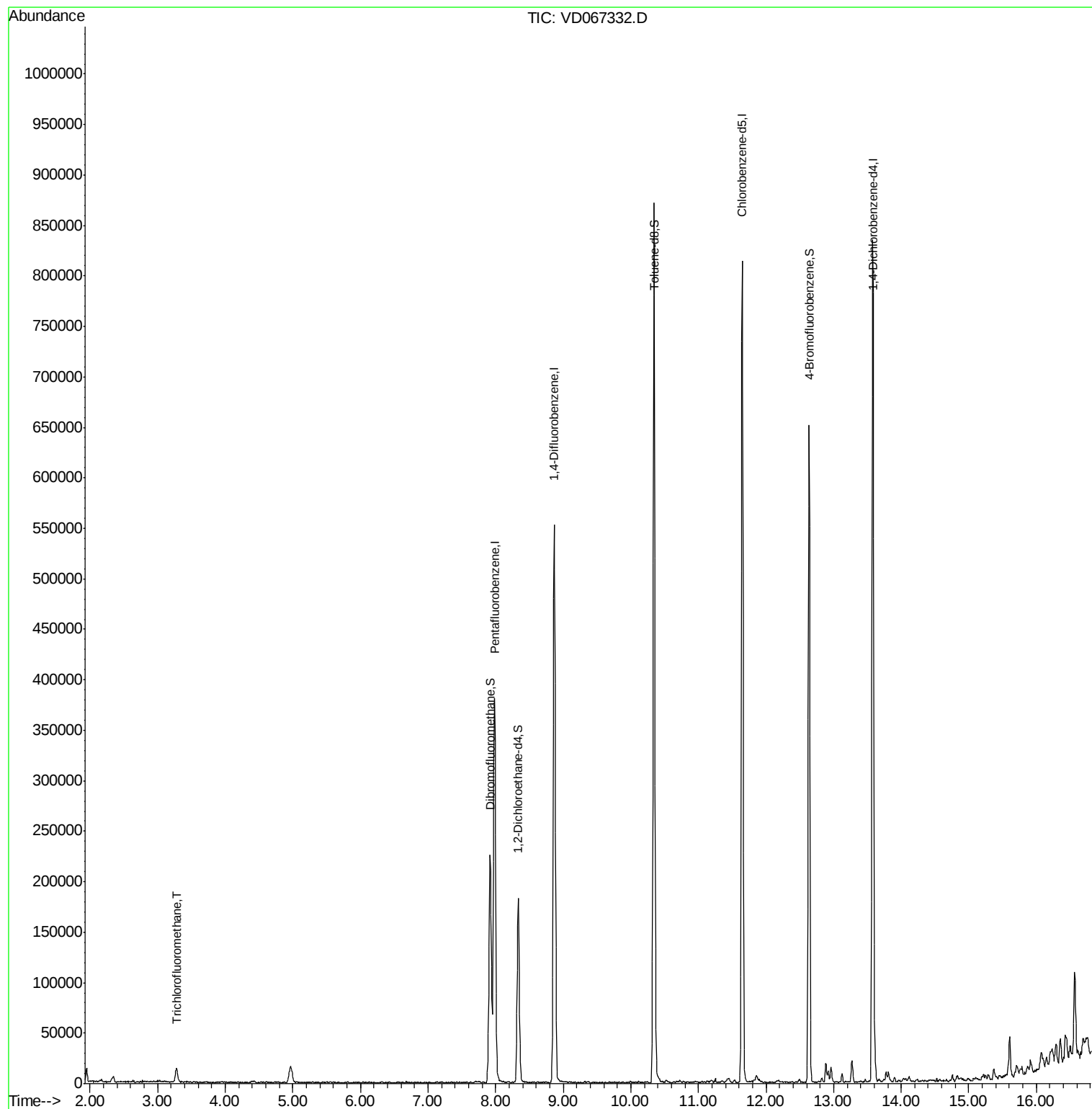
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	290024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	495997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	488586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	238044	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	156279	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
35) Dibromofluoromethane	7.91	113	165429	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.34	98	591449	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.64	95	206580	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
Target Compounds						
7) Trichlorofluoromethane	3.28	101	14492	2.874	ug/l	Qvalue 93

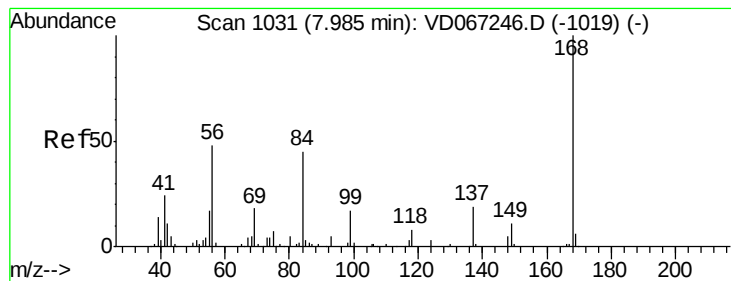
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067332.D

Acq: 20 Oct 2020 18:57

Instrument :

MSVOA_D

ClientSampleId :

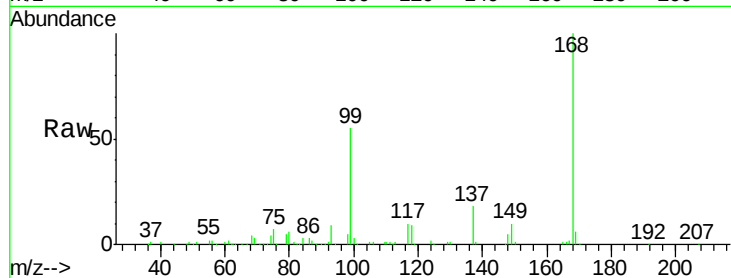
C-1-0.5-1.0

Tot Ion:168 Resp: 290024

Ion Ratio Lower Upper

168 100

99 54.9 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.99

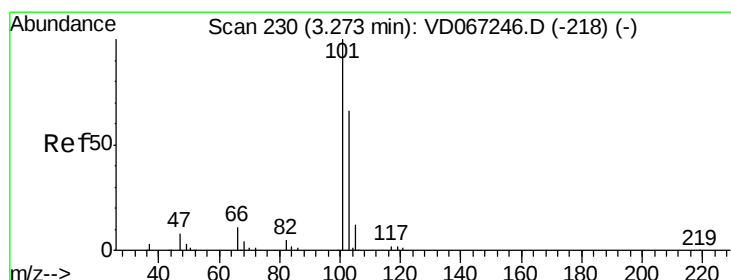
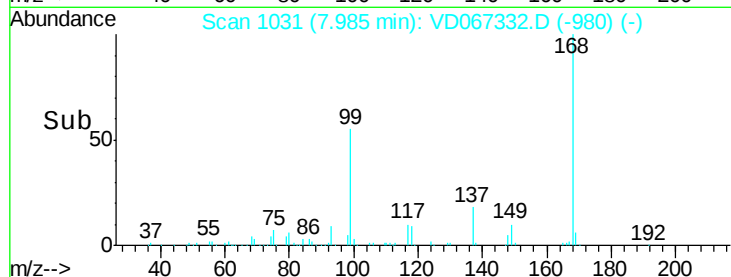
150000

100000

50000

0

Time-->



#7

Trichlorofluoromethane

Concen: 2.874 ug/l

RT: 3.28 min Scan# 231

Delta R.T. 0.01 min

Lab File: VD067332.D

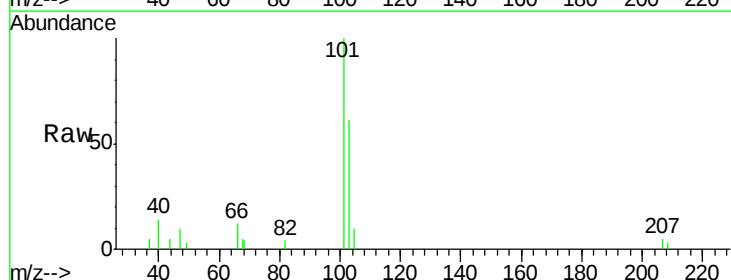
Acq: 20 Oct 2020 18:57

Tgt Ion:101 Resp: 14492

Ion Ratio Lower Upper

101 100

103 60.6 53.1 79.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.28

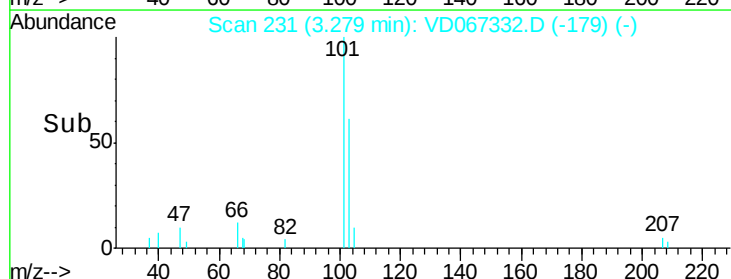
6000

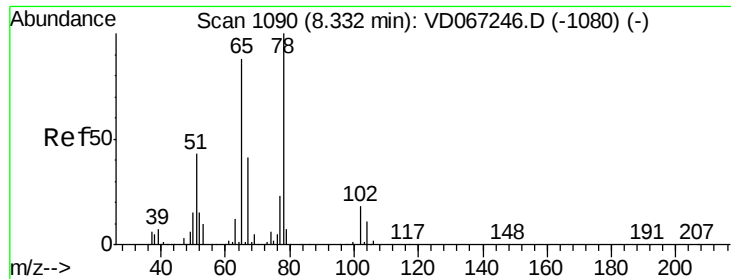
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.785 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067332.D

Acq: 20 Oct 2020 18:57

Instrument :

MSVOA_D

ClientSampleId :

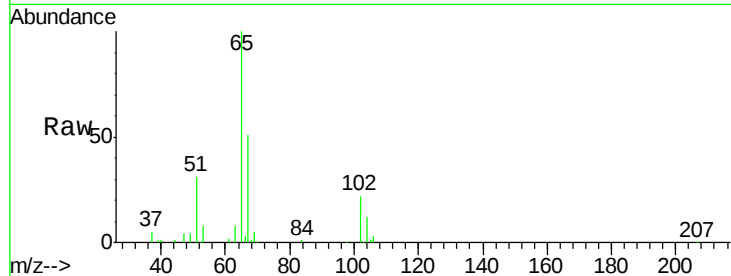
C-1-0.5-1.0

Tot Ion: 65 Resp: 156279

Ion Ratio Lower Upper

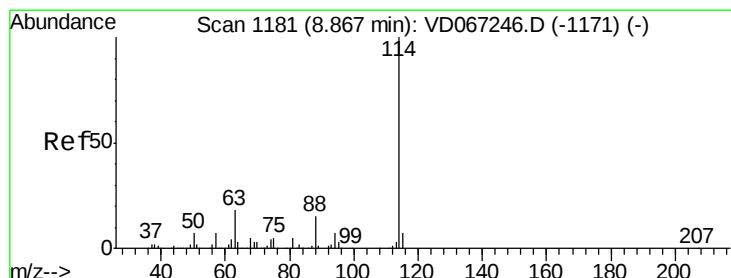
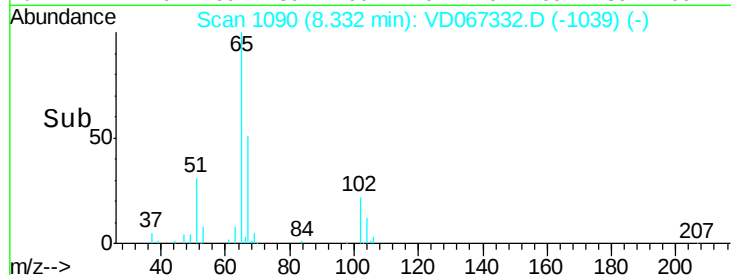
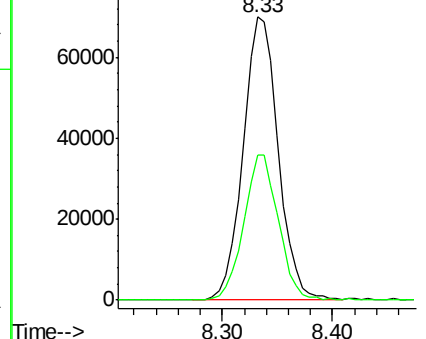
65 100

67 50.9 0.0 103.8



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: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067332.D

Acq: 20 Oct 2020 18:57

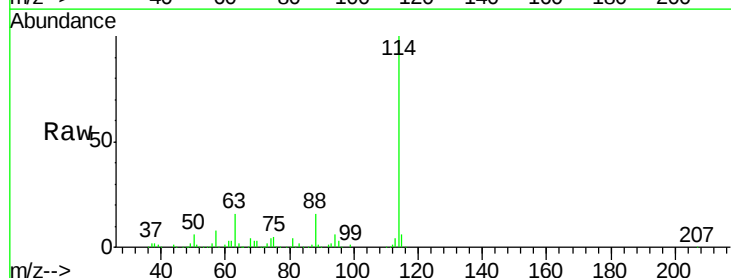
Tgt Ion: 114 Resp: 495997

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

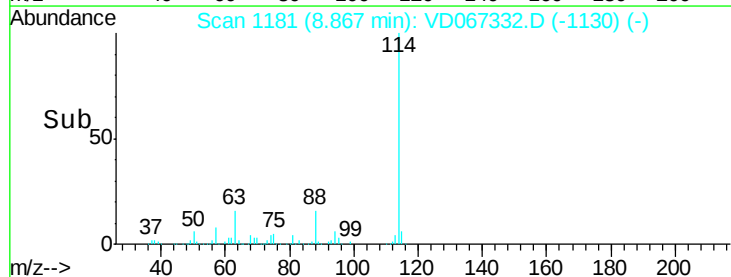
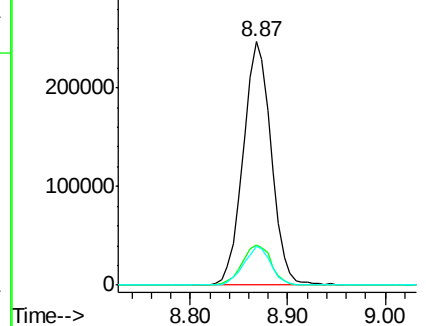
88 15.8 0.0 30.6

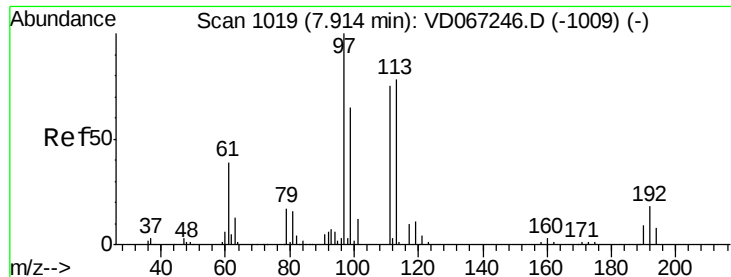


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

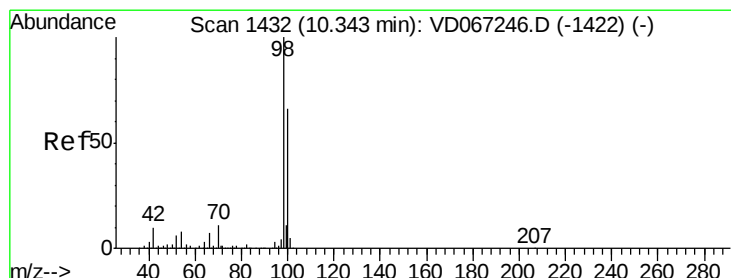
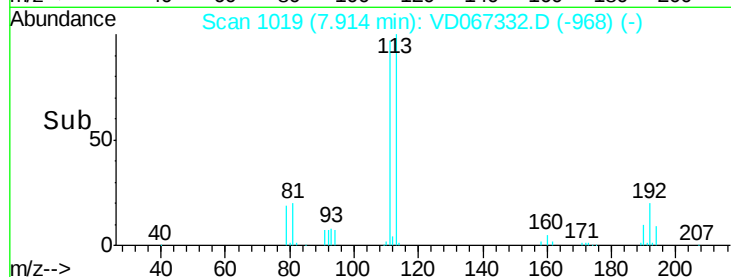
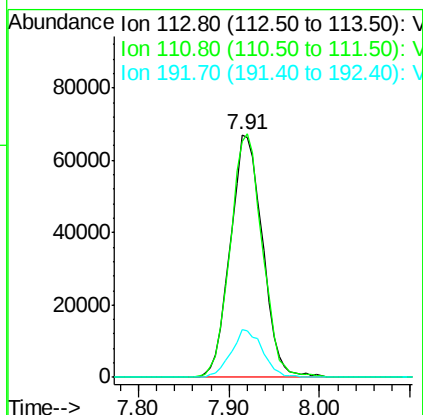
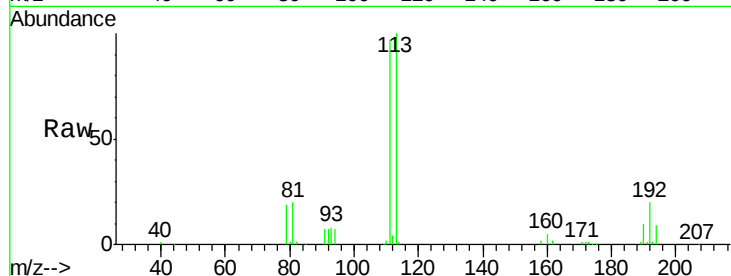




#35
 Dibromofluoromethane
 Concen: 50.117 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067332.D
 Acq: 20 Oct 2020 18:57

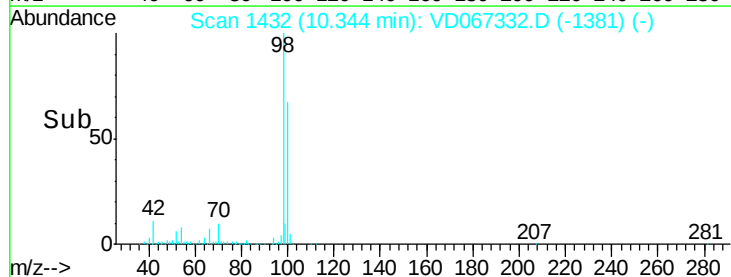
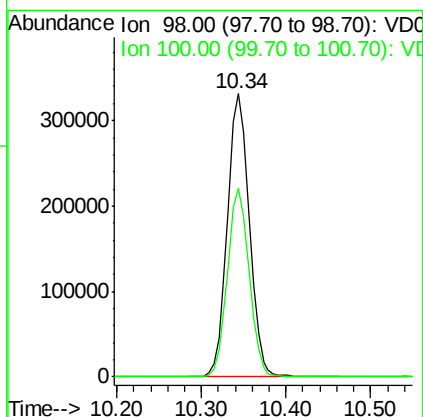
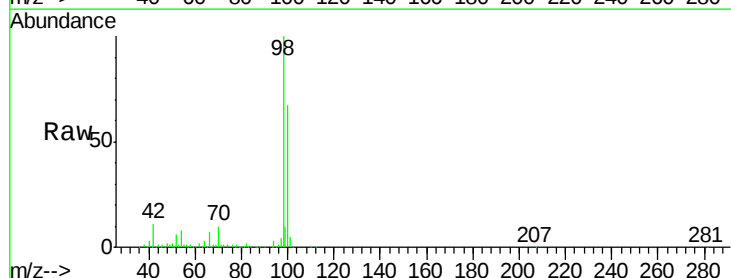
Instrument :
 MSVOA_D
 ClientSampleId :
 C-1-0.5-1.0

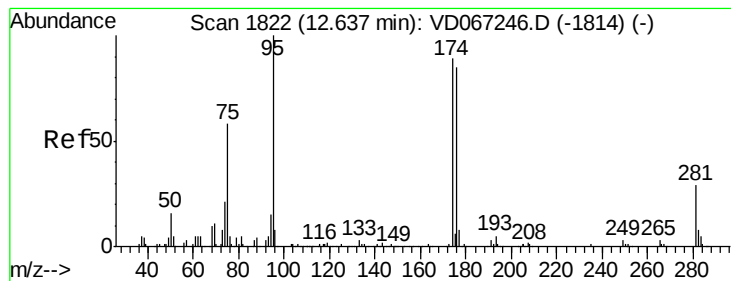
Tot Ion:113 Resp: 165429
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.6 122.4
 192 19.3 17.0 25.4



#50
 Toluene-d8
 Concen: 49.512 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067332.D
 Acq: 20 Oct 2020 18:57

Tgt Ion: 98 Resp: 591449
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 49.734 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067332.D

Acq: 20 Oct 2020 18:57

Instrument :

MSVOA_D

ClientSampleId :

C-1-0.5-1.0

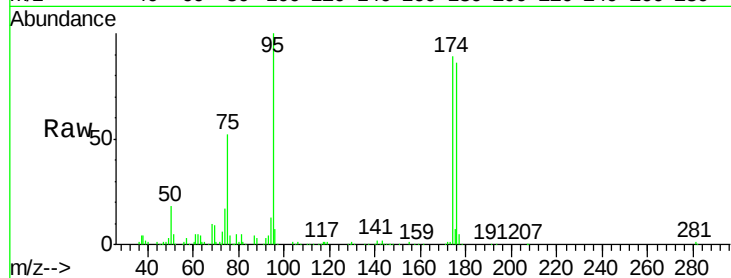
Tot Ion: 95 Resp: 206580

Ion Ratio Lower Upper

95 100

174 87.7 0.0 175.2

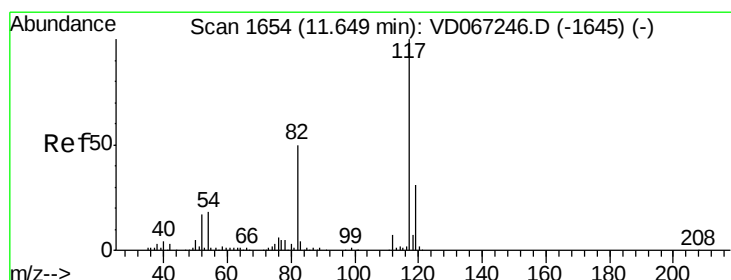
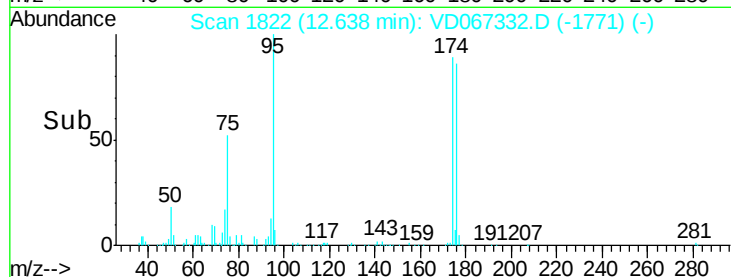
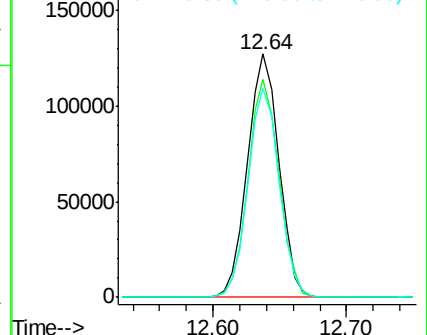
176 84.7 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067332.D

Acq: 20 Oct 2020 18:57

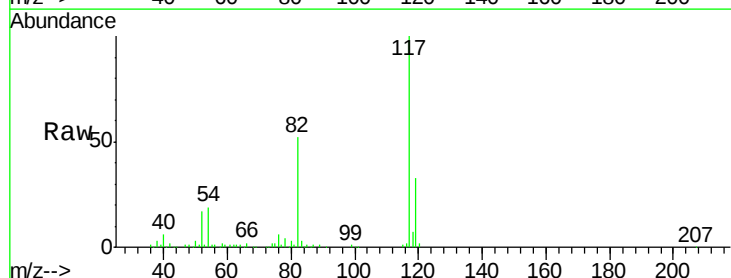
Tgt Ion: 117 Resp: 488586

Ion Ratio Lower Upper

117 100

82 52.1 39.9 59.9

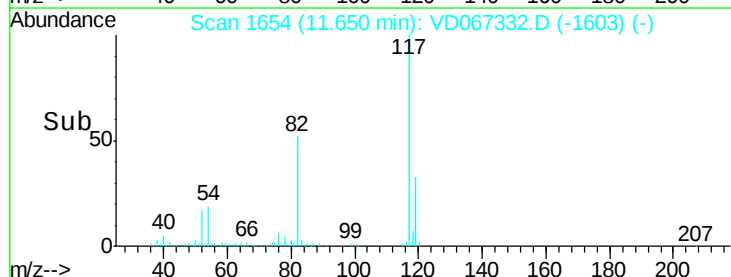
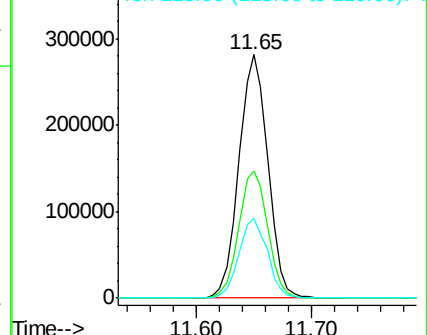
119 32.7 24.9 37.3

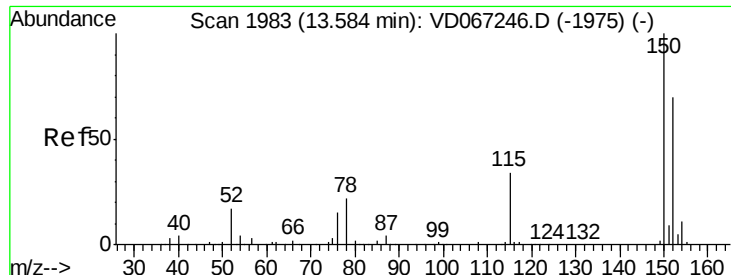


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

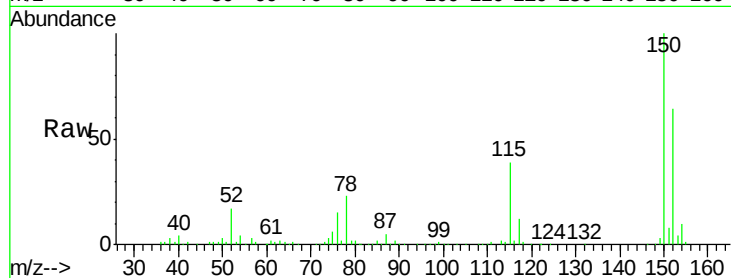




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: VD067332.D
 Acq: 20 Oct 2020 18:57

Instrument :
 MSVOA_D
 ClientSampleId :
 C-1-0.5-1.0

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.3	87.9
150	157.4	0.0	339.0



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

