

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102020\
 Data File : VD067333.D
 Acq On : 20 Oct 2020 19:25
 Operator : VA/SY
 Sample : L4475-02
 Misc : 10.59G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-2-0.5-1.0

Quant Time: Oct 21 02:54:40 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

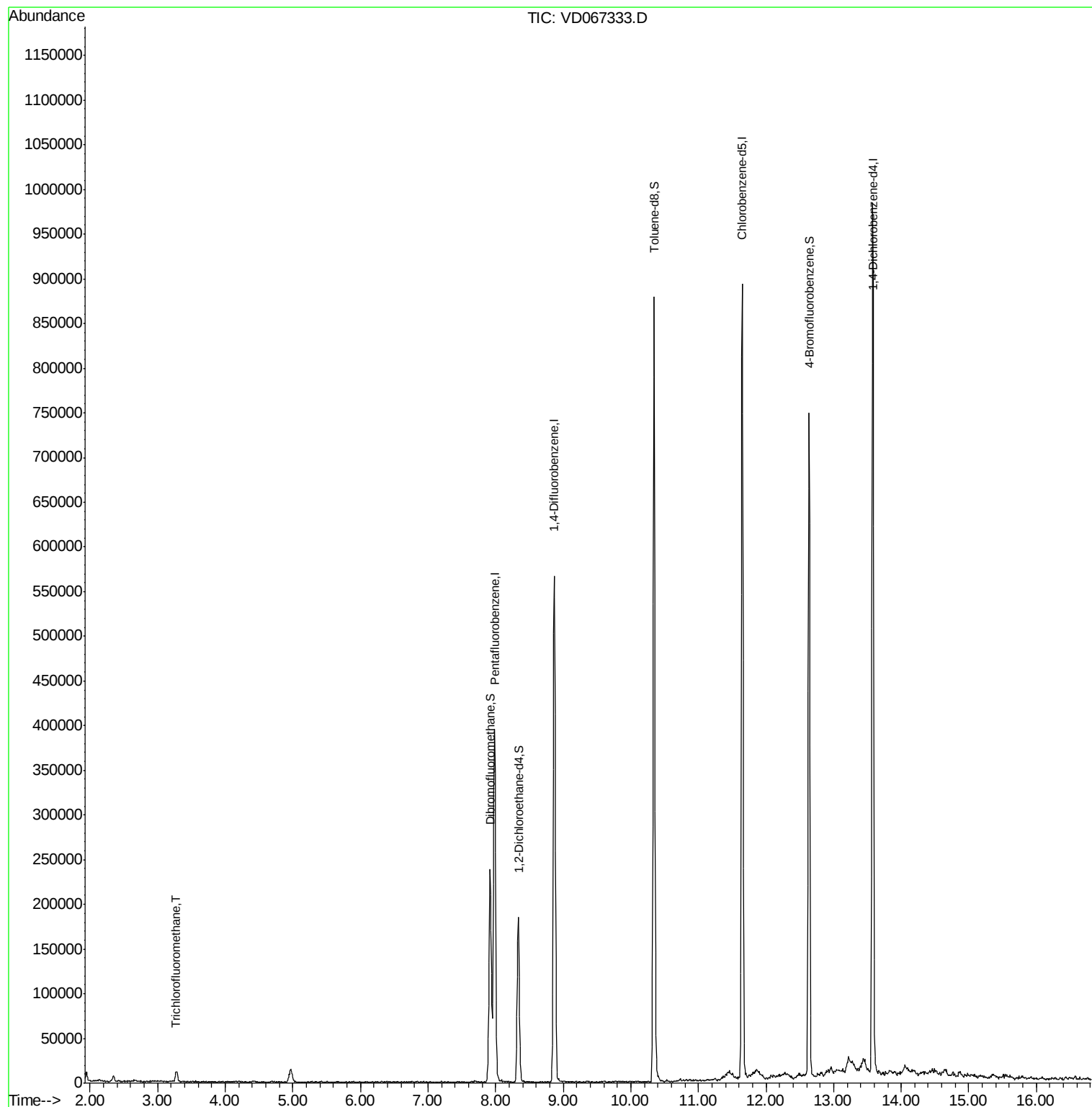
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	295062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	515089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	524953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	270004	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	162637	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
35) Dibromofluoromethane	7.91	113	167296	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.34	98	613229	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.64	95	235956	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
Target Compounds						
7) Trichlorofluoromethane	3.27	101	12559	2.448	ug/l	Qvalue 83

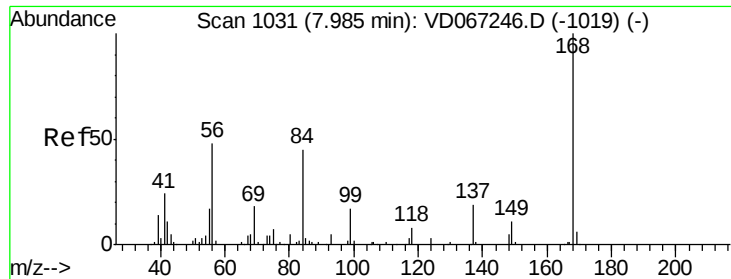
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067333.D

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Instrument :

MSVOA_D

ClientSampleId :

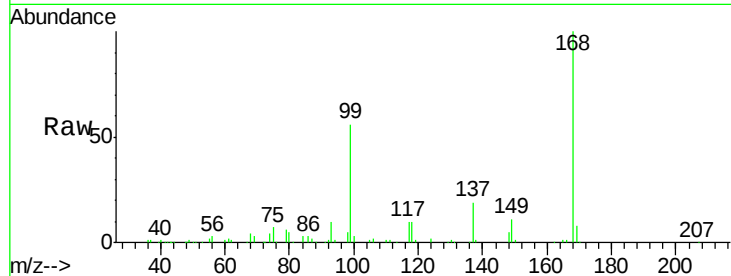
C-2-0.5-1.0

Tot Ion:168 Resp: 295062

Ion Ratio Lower Upper

168 100

99 56.4 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

150000

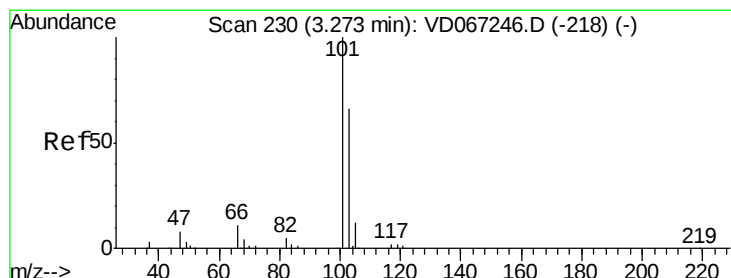
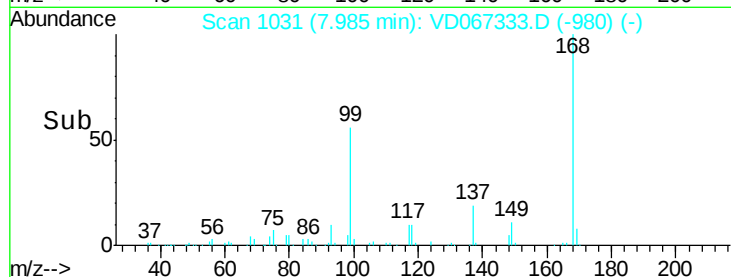
100000

50000

0

7.90 8.00 8.10

Time-->



#7

Trichlorofluoromethane

Concen: 2.448 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD067333.D

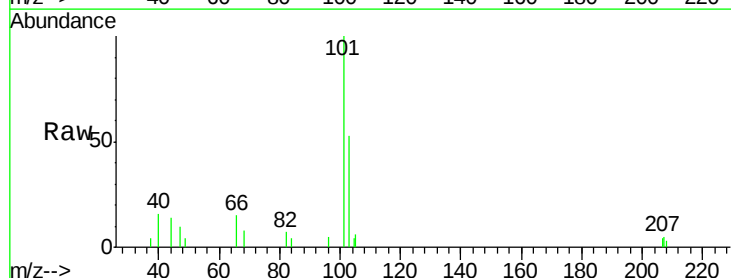
Acq: 20 Oct 2020 19:25

Tgt Ion:101 Resp: 12559

Ion Ratio Lower Upper

101 100

103 53.2 53.1 79.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.27

5000

4000

3000

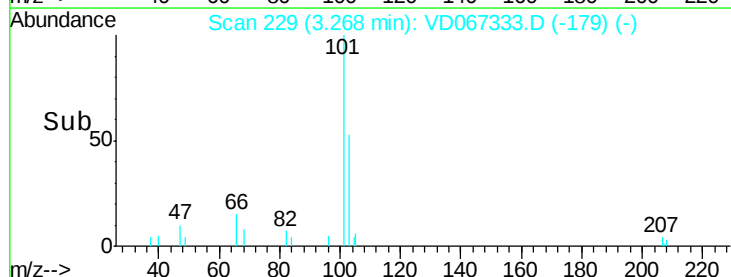
2000

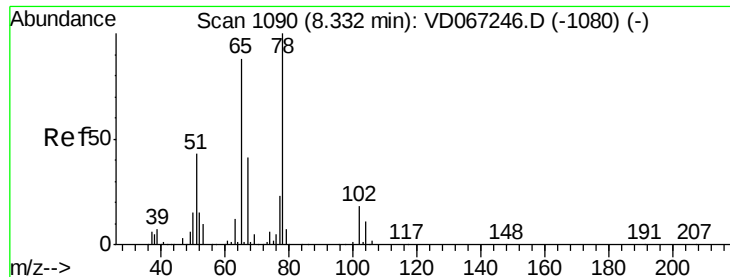
1000

0

3.20 3.25 3.30 3.35

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.018 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067333.D

Acq: 20 Oct 2020 19:25

Instrument :

MSVOA_D

ClientSampleId :

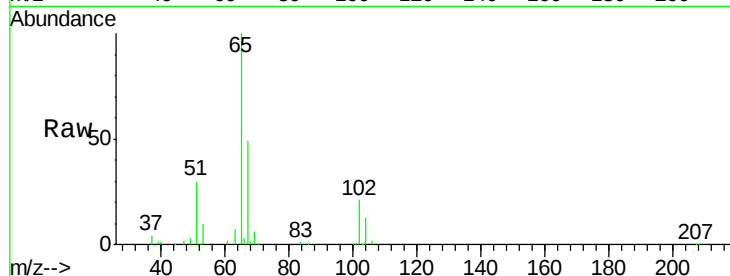
C-2-0.5-1.0

Tot Ion: 65 Resp: 162637

Ion Ratio Lower Upper

65 100

67 49.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

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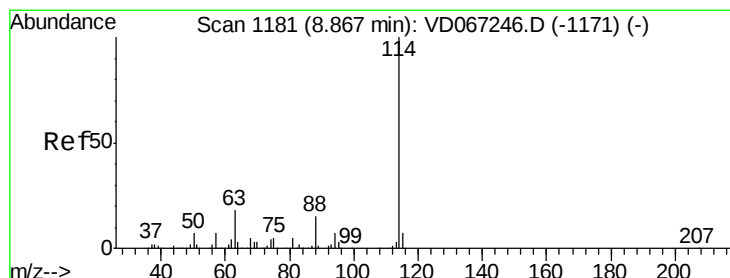
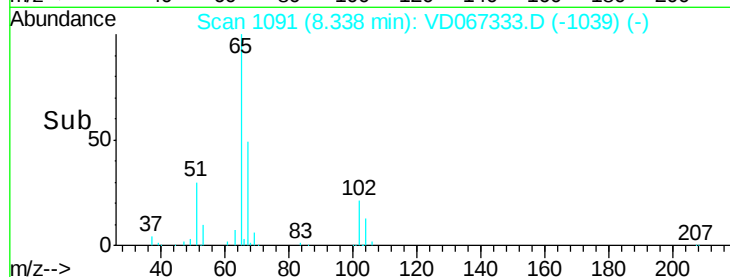
8.34

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067333.D

Acq: 20 Oct 2020 19:25

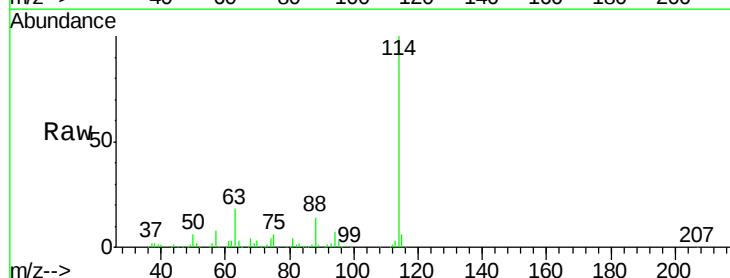
Tgt Ion: 114 Resp: 515089

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 14.4 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

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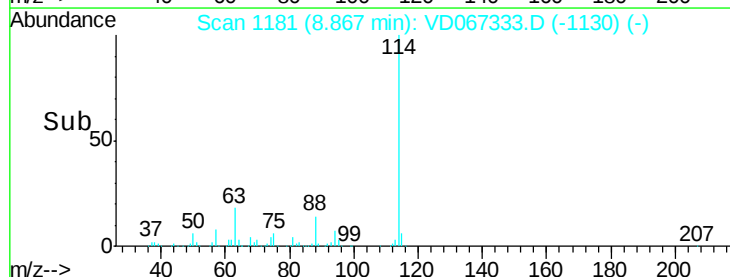
8.87

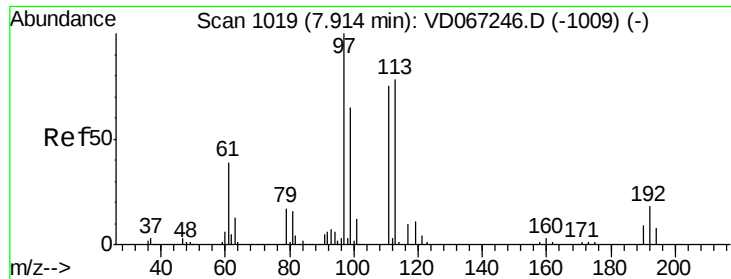
8.87

8.87

8.87

8.87

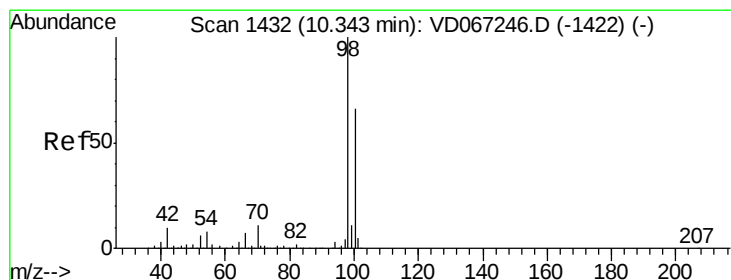
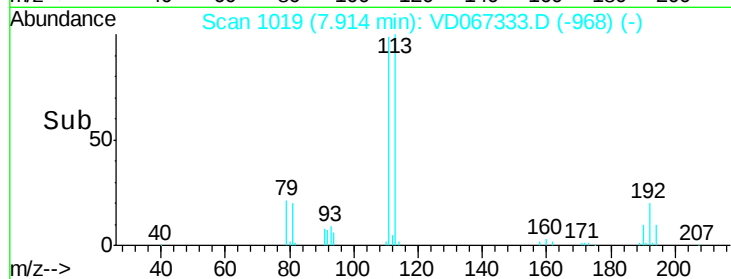
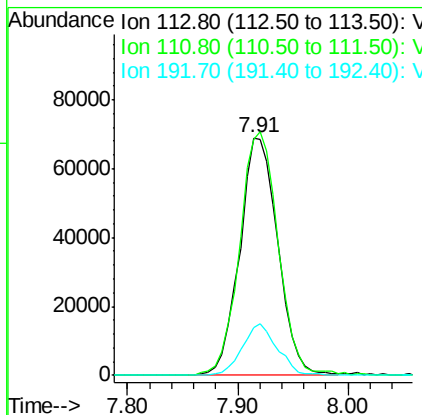
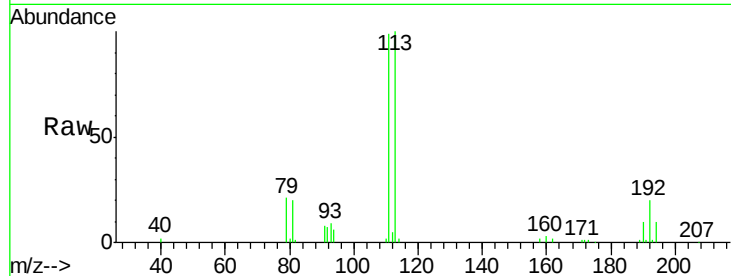




#35
 Dibromofluoromethane
 Concen: 48.804 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067333.D
 Acq: 20 Oct 2020 19:25

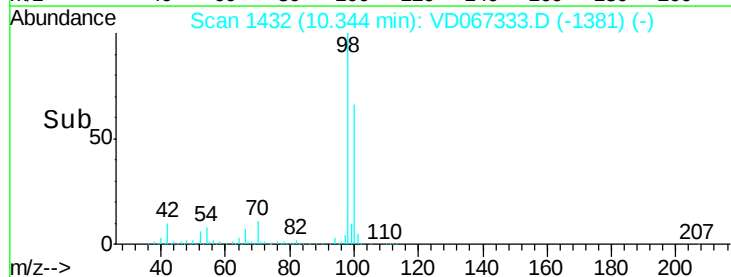
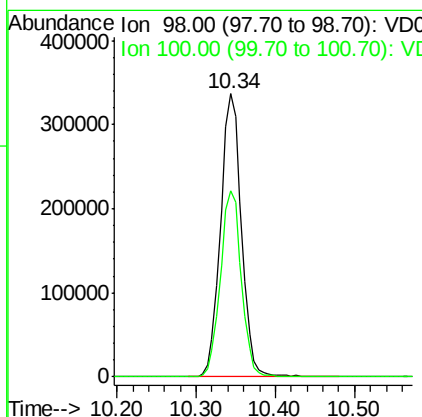
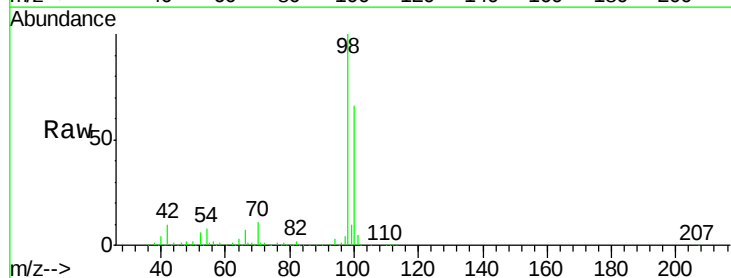
Instrument :
 MSVOA_D
 ClientSampleId :
 C-2-0.5-1.0

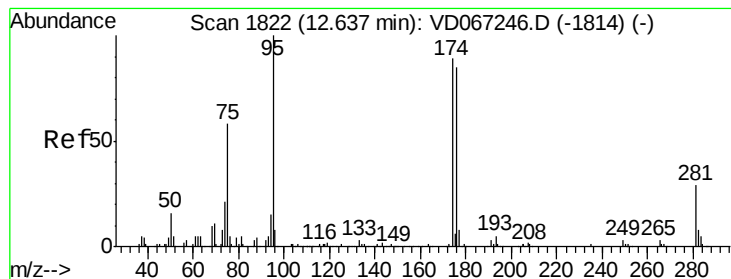
Tot Ion:113 Resp: 167296
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.6 122.4
 192 20.0 17.0 25.4



#50
 Toluene-d8
 Concen: 49.433 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067333.D
 Acq: 20 Oct 2020 19:25

Tgt Ion: 98 Resp: 613229
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 54.700 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067333.D

Acq: 20 Oct 2020 19:25

Instrument :

MSVOA_D

ClientSampleId :

C-2-0.5-1.0

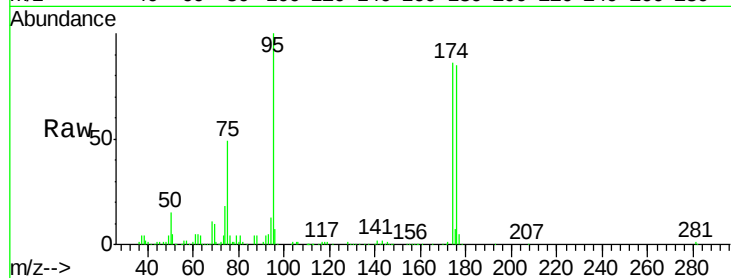
Tot Ion: 95 Resp: 235956

Ion Ratio Lower Upper

95 100

174 89.0 0.0 175.2

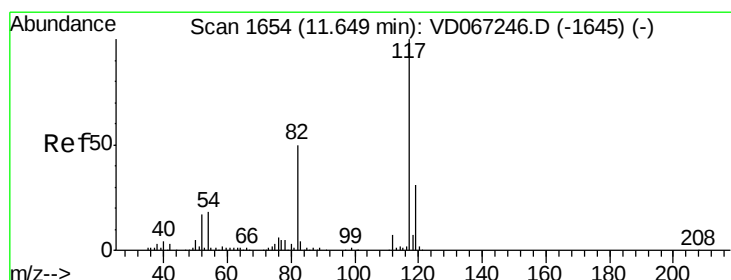
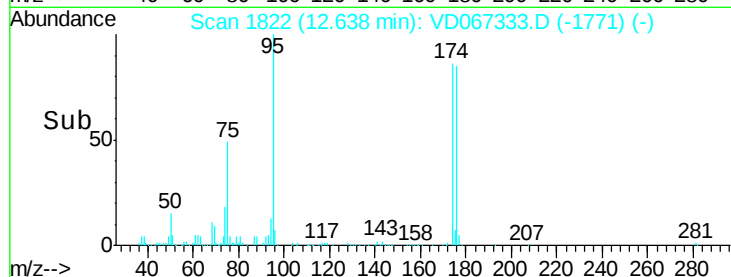
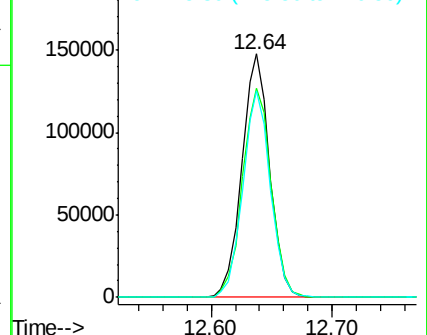
176 84.2 0.0 168.6



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: VD067333.D

Acq: 20 Oct 2020 19:25

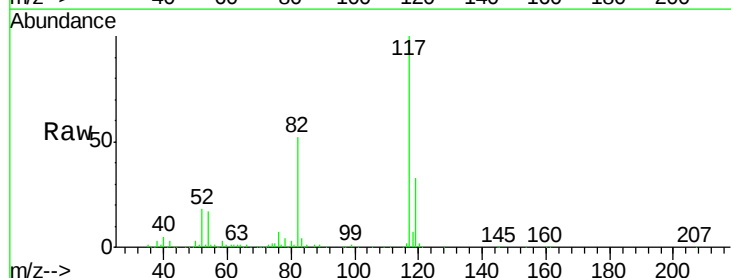
Tgt Ion: 117 Resp: 524953

Ion Ratio Lower Upper

117 100

82 51.8 39.9 59.9

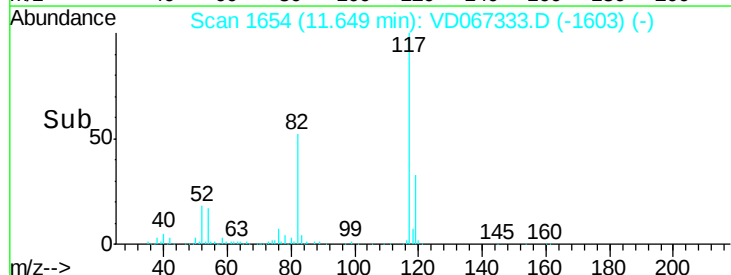
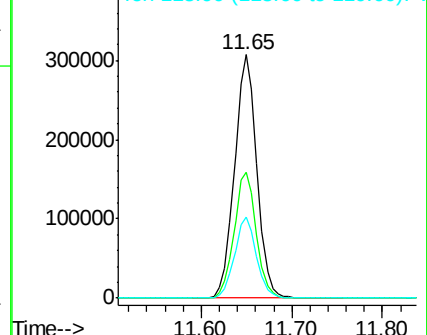
119 33.2 24.9 37.3

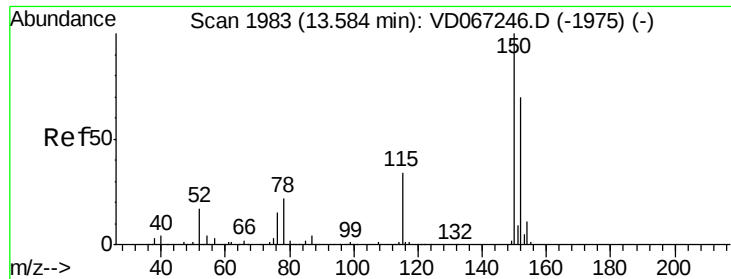


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067333.D

Acq: 20 Oct 2020 19:25

Instrument :

MSVOA_D

ClientSampleId :

C-2-0.5-1.0

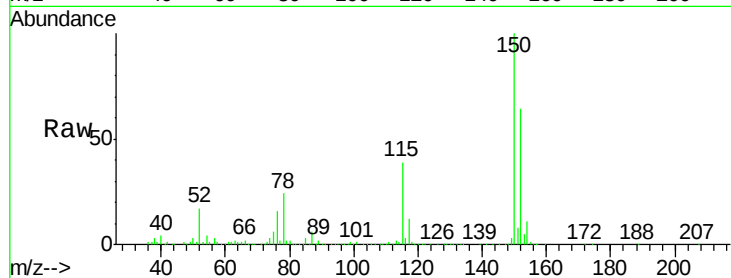
Tot Ion:152 Resp: 270004

Ion Ratio Lower Upper

152 100

115 60.0 29.3 87.9

150 156.4 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

