

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101420\
 Data File : VD067268.D
 Acq On : 14 Oct 2020 13:55
 Operator : VA/SY
 Sample : L4226-13
 Misc : 4.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-101320

Quant Time: Oct 15 06:36:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

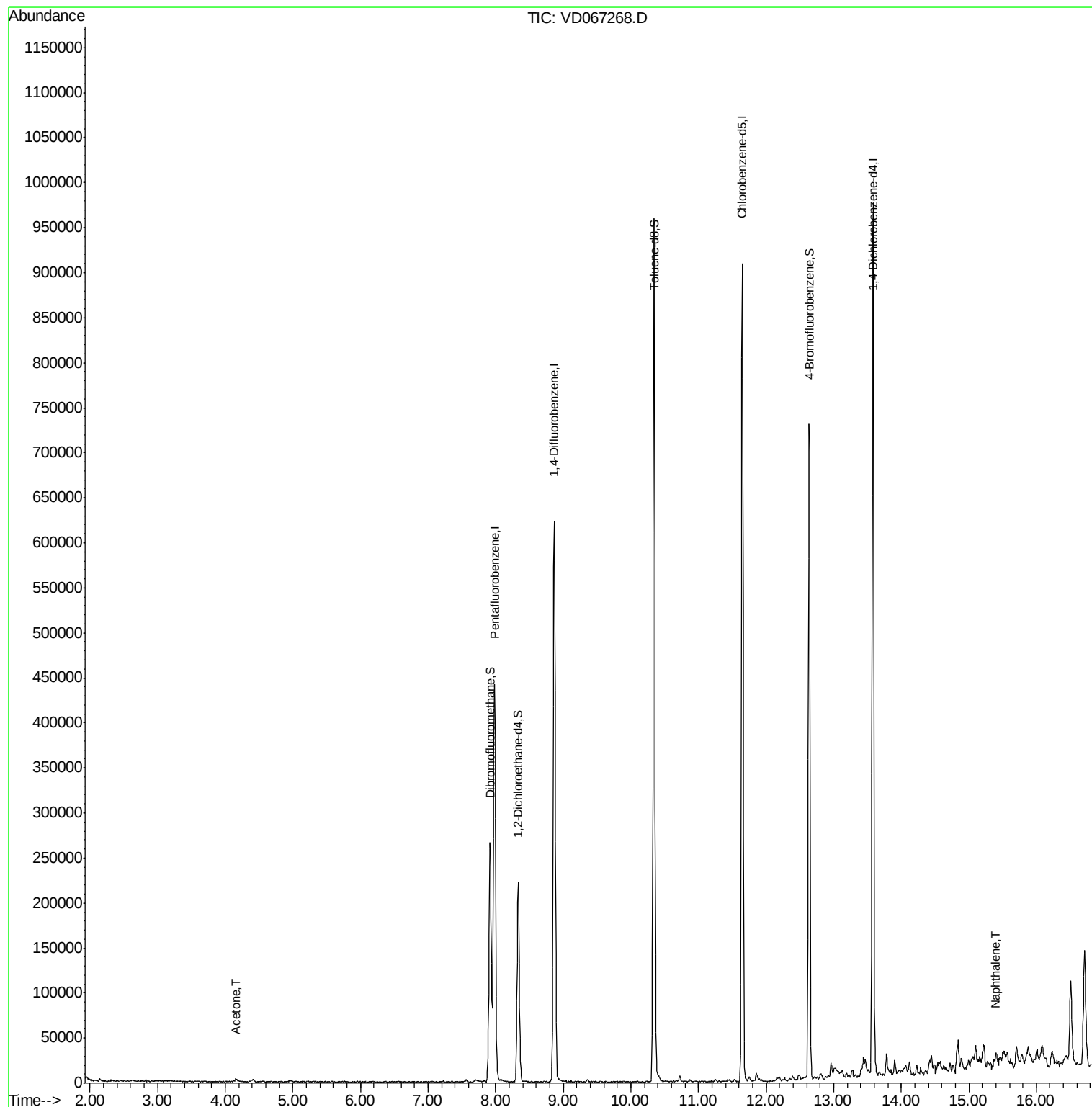
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	338008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	575288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	549282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	272889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	184908	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
35) Dibromofluoromethane	7.92	113	186954	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	10.34	98	666094	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	12.64	95	241485	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
Target Compounds						
16) Acetone	4.16	43	6380	13.453	ug/l #	72
95) Naphthalene	15.41	128	11476	1.428	ug/l #	92

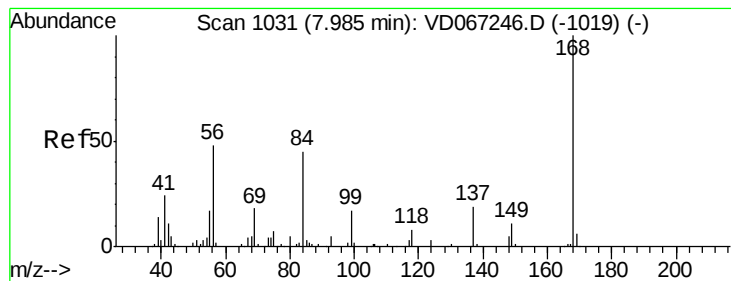
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067268.D

Acq: 14 Oct 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

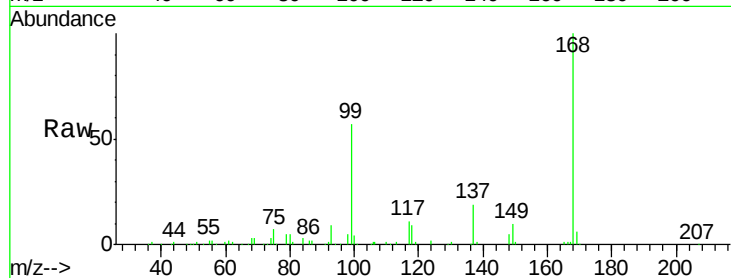
TR-04-101320

Tot Ion:168 Resp: 338008

Ion Ratio Lower Upper

168 100

99 56.9 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

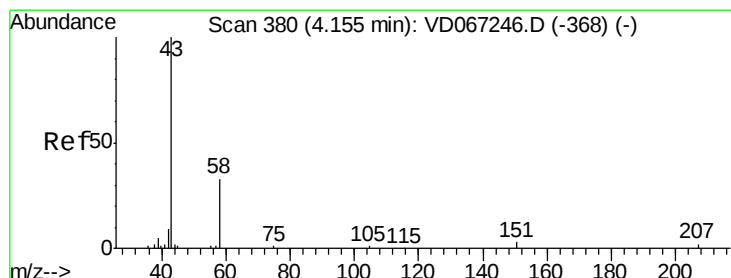
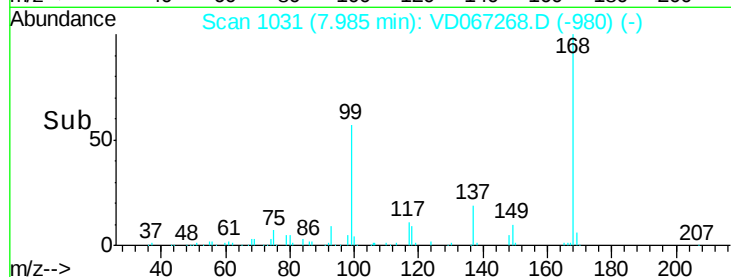
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.453 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067268.D

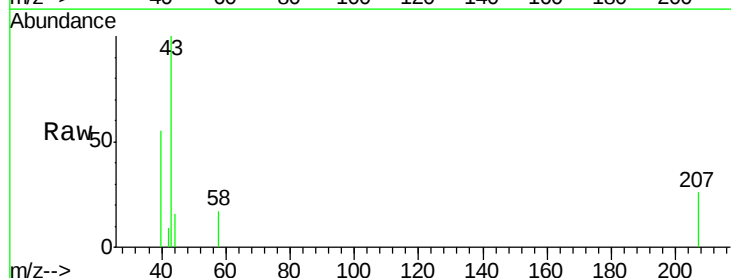
Acq: 14 Oct 2020 13:55

Tgt Ion: 43 Resp: 6380

Ion Ratio Lower Upper

43 100

58 16.7 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

2500

2000

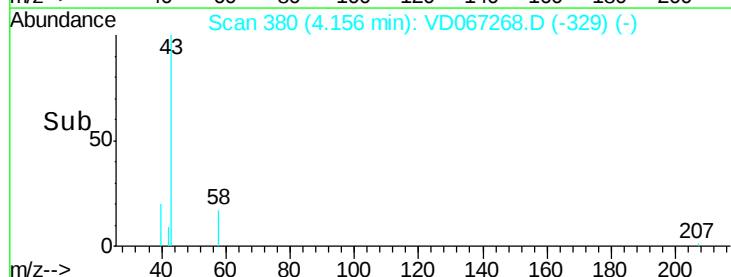
1500

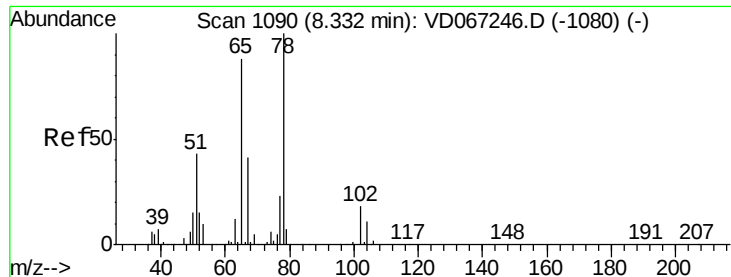
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.604 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067268.D

Acq: 14 Oct 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

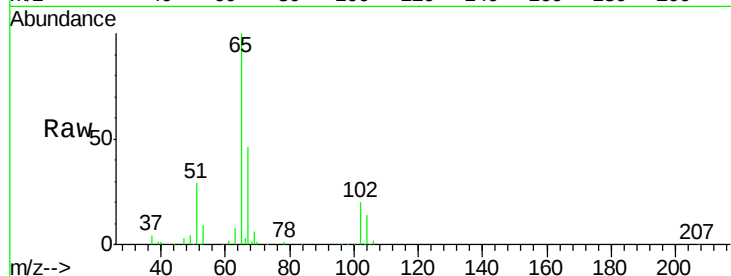
TR-04-101320

Tot Ion: 65 Resp: 184908

Ion Ratio Lower Upper

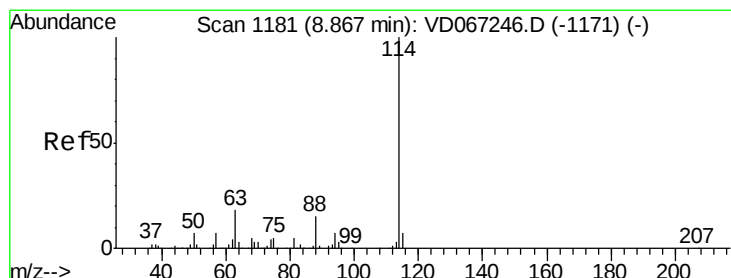
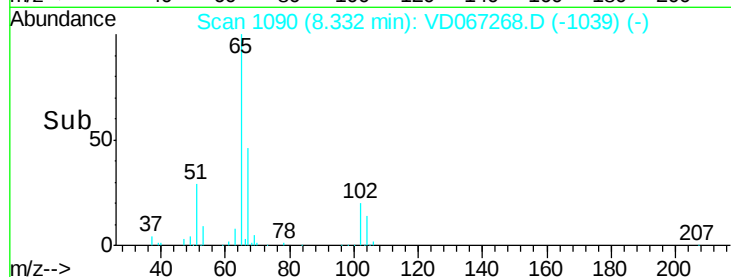
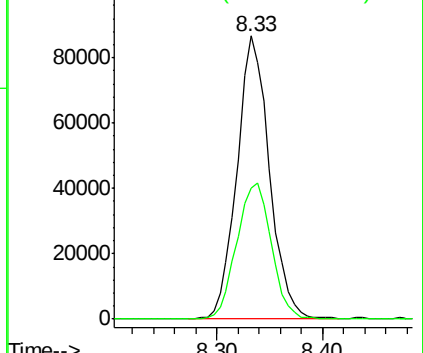
65 100

67 51.2 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: VD067268.D

Acq: 14 Oct 2020 13:55

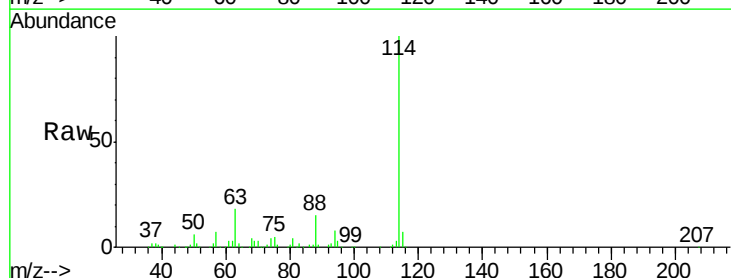
Tgt Ion: 114 Resp: 575288

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

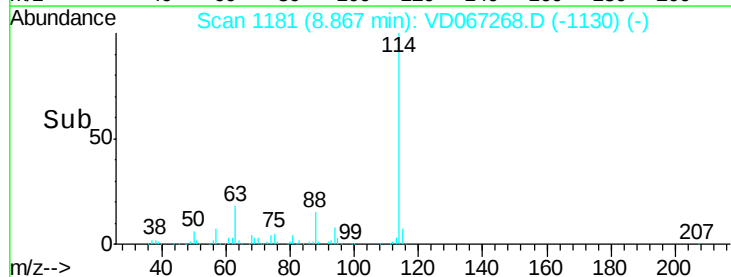
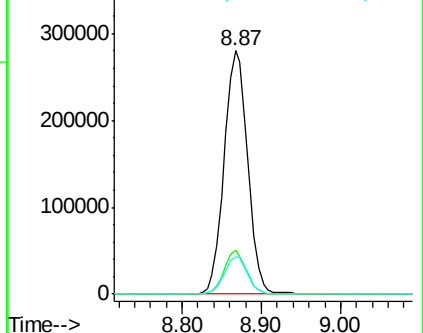
88 15.2 0.0 30.6

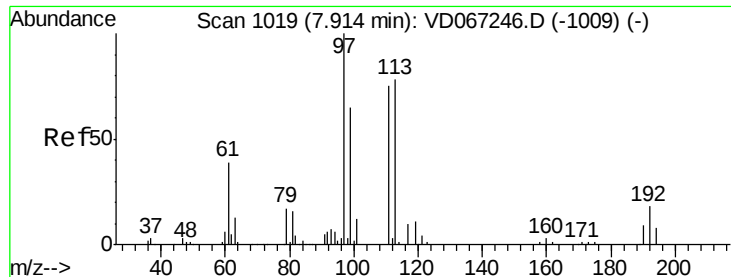


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

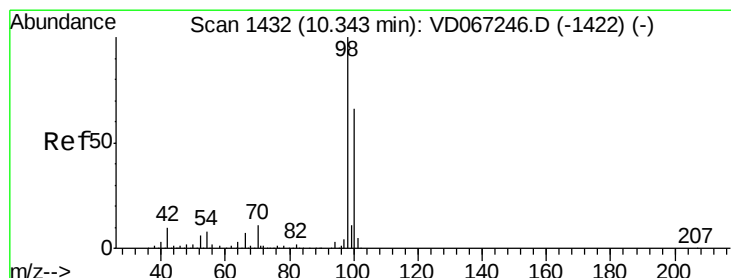
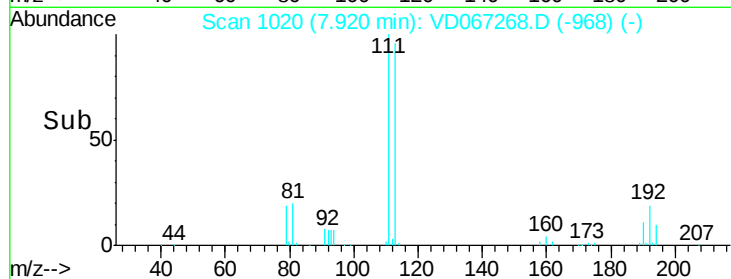
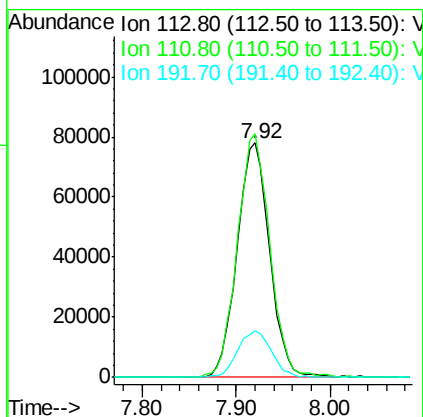
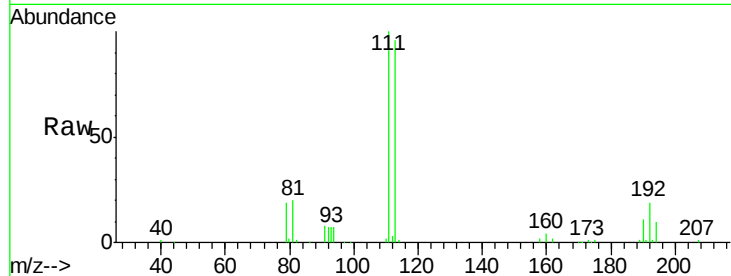




#35
 Dibromofluoromethane
 Concen: 48.832 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067268.D
 Acq: 14 Oct 2020 13:55

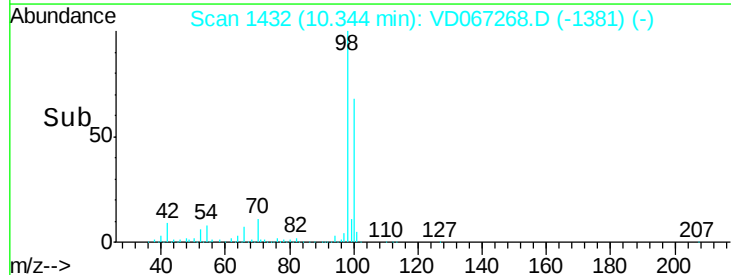
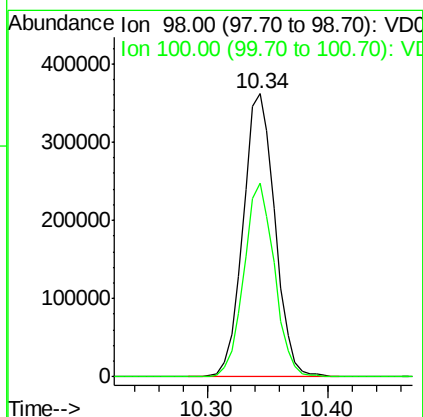
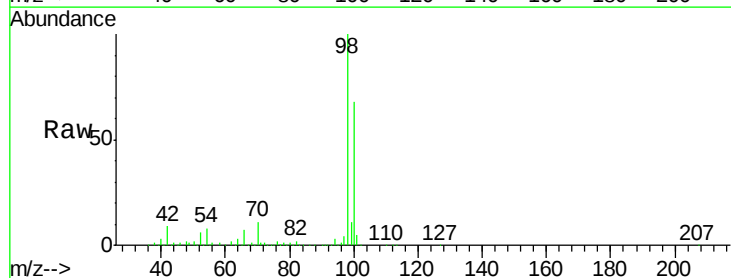
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-101320

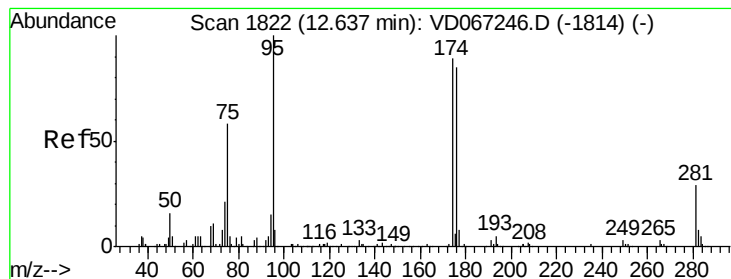
Tot Ion:113 Resp: 186954
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.6 122.4
 192 20.5 17.0 25.4



#50
 Toluene-d8
 Concen: 48.075 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067268.D
 Acq: 14 Oct 2020 13:55

Tgt Ion: 98 Resp: 666094
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.124 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067268.D

Acq: 14 Oct 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

TR-04-101320

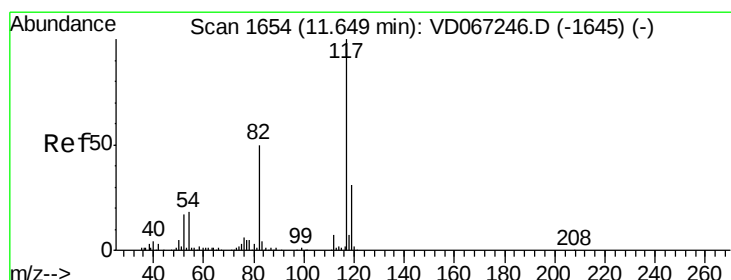
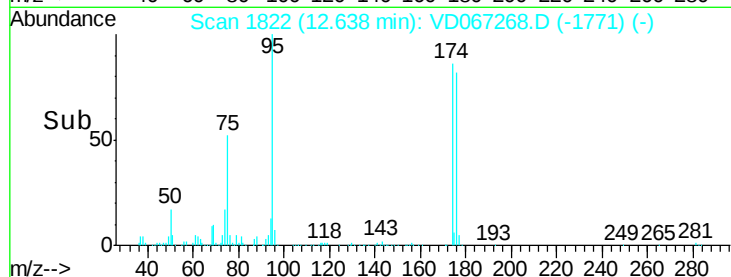
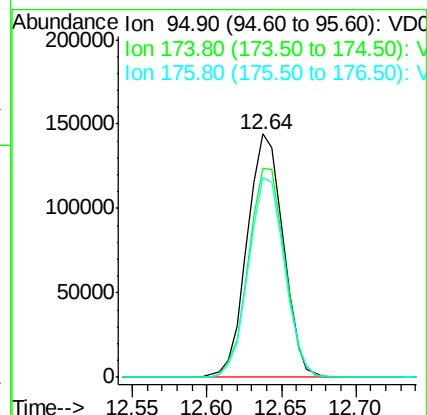
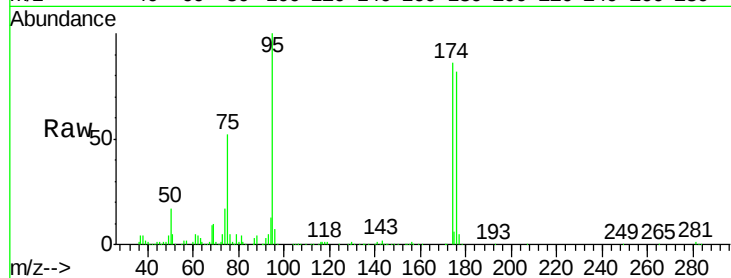
Tot Ion: 95 Resp: 241485

Ion Ratio Lower Upper

95 100

174 86.7 0.0 175.2

176 82.0 0.0 168.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067268.D

Acq: 14 Oct 2020 13:55

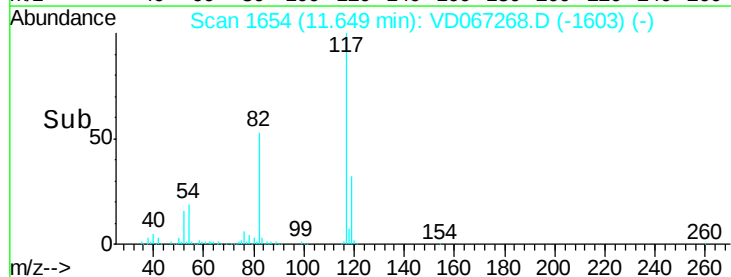
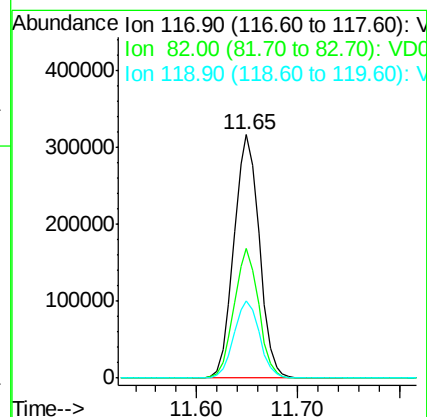
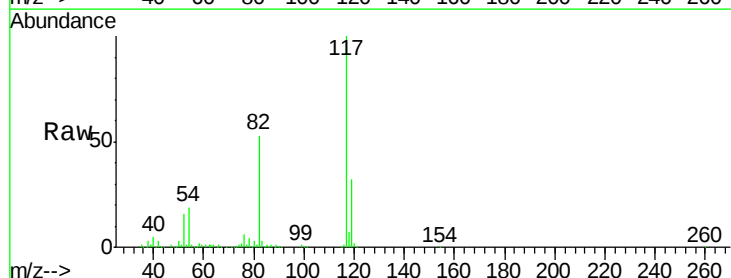
Tgt Ion: 117 Resp: 549282

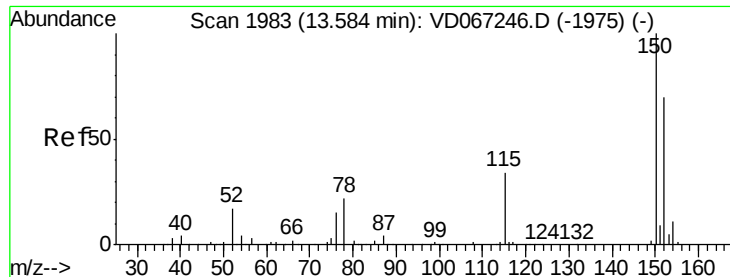
Ion Ratio Lower Upper

117 100

82 53.2 39.9 59.9

119 31.9 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD067268.D

Acq: 14 Oct 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

TR-04-101320

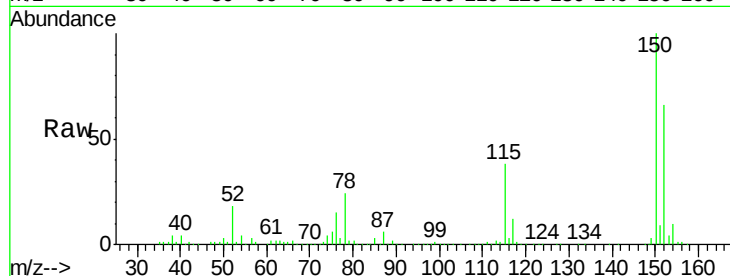
Tot Ion:152 Resp: 272889

Ion Ratio Lower Upper

152 100

115 58.5 29.3 87.9

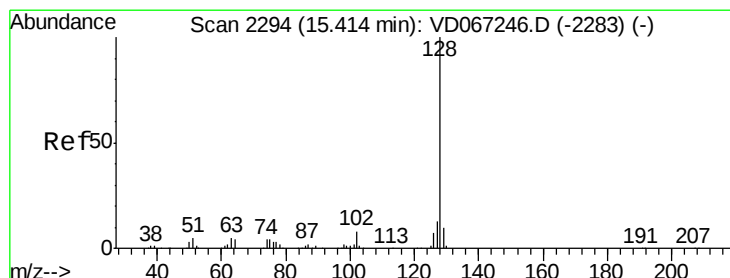
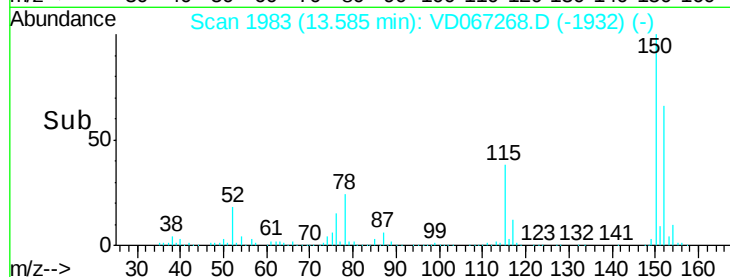
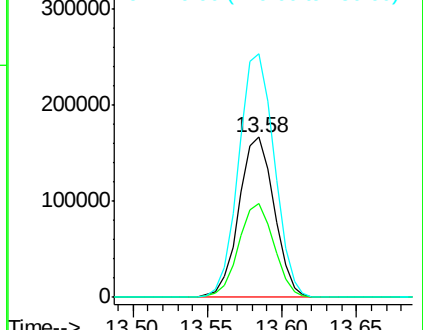
150 154.6 0.0 339.0



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



#95

Naphthalene

Concen: 1.428 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD067268.D

Acq: 14 Oct 2020 13:55

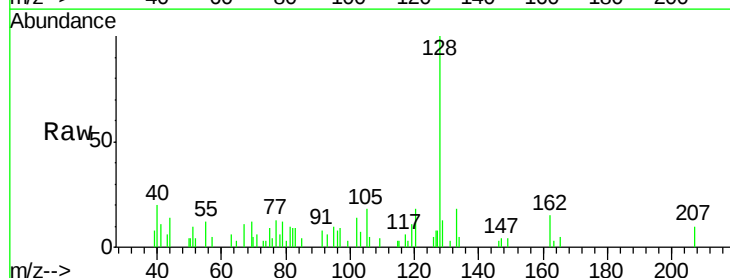
Tgt Ion:128 Resp: 11476

Ion Ratio Lower Upper

128 100

127 15.6 10.4 15.6

129 14.7 8.6 12.8#



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

