

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101420\
 Data File : VD067267.D
 Acq On : 14 Oct 2020 13:27
 Operator : VA/SY
 Sample : L4226-07
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-08-101320

Quant Time: Oct 15 06:34:12 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

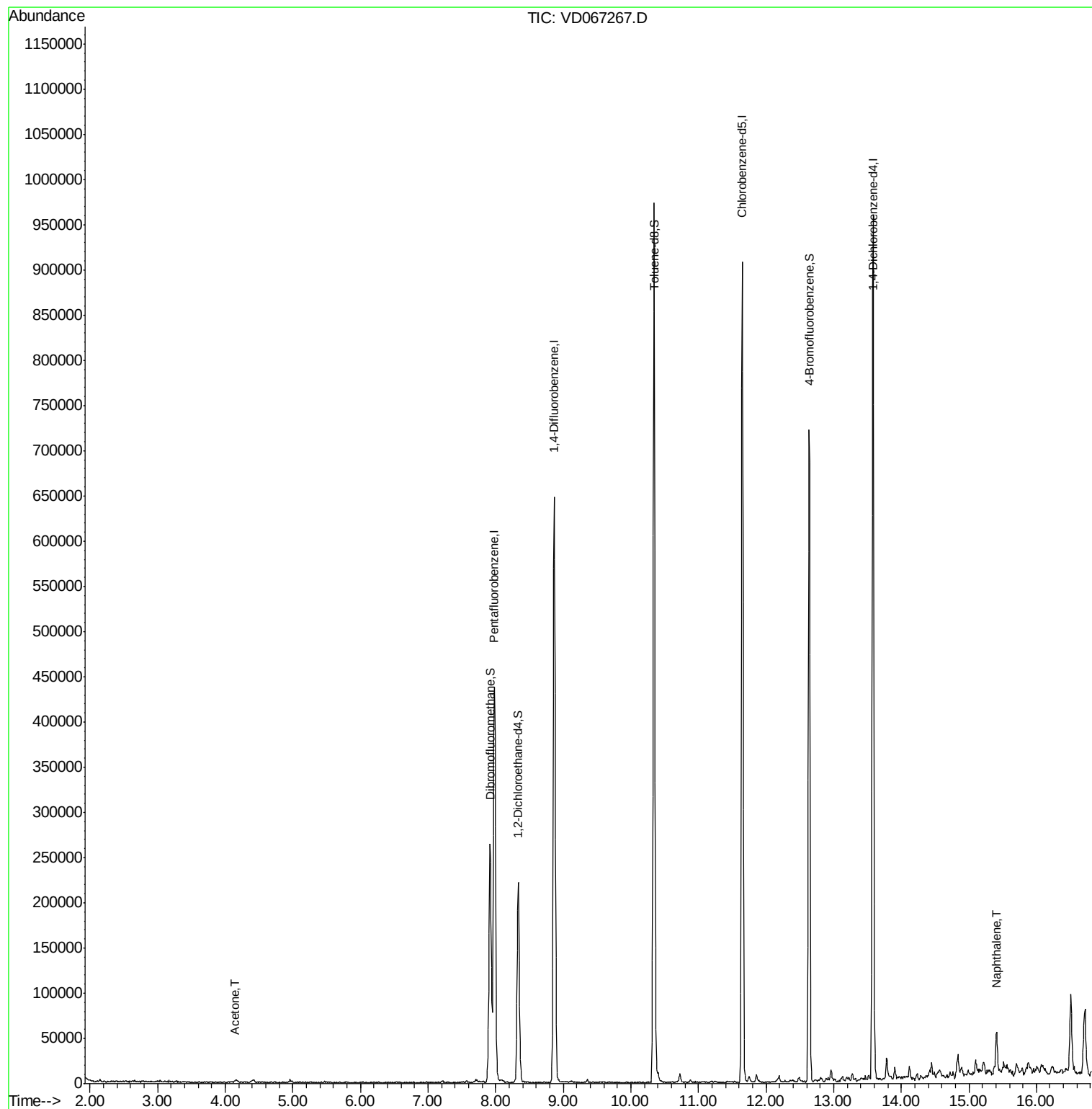
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	339907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	573534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	540479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	185803	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
35) Dibromofluoromethane	7.92	113	188923	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
50) Toluene-d8	10.34	98	666142	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.64	95	233905	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
Target Compounds						
16) Acetone	4.15	43	6340	13.294	ug/l	94
95) Naphthalene	15.41	128	39391	5.022	ug/l	98

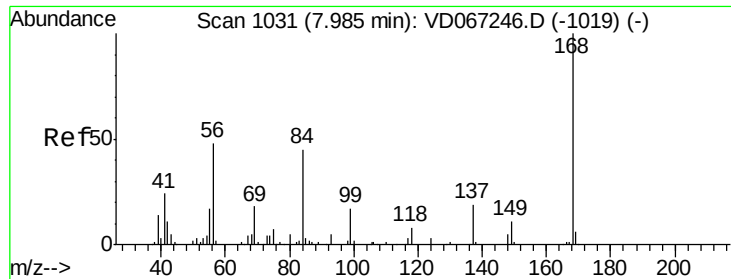
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067267.D

Acq: 14 Oct 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

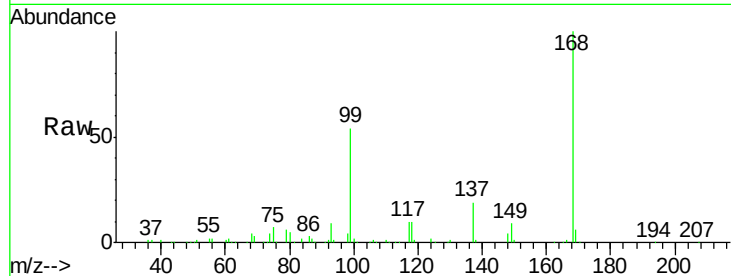
TR-08-101320

Tot Ion:168 Resp: 339907

Ion Ratio Lower Upper

168 100

99 53.8 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

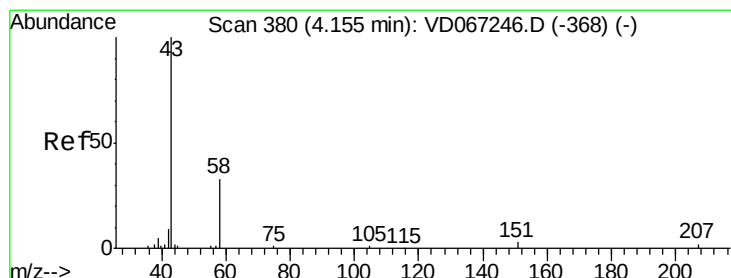
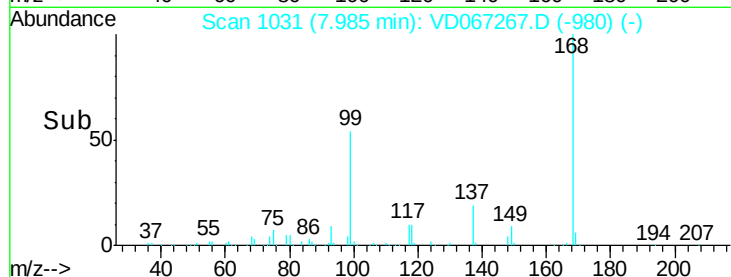
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.294 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067267.D

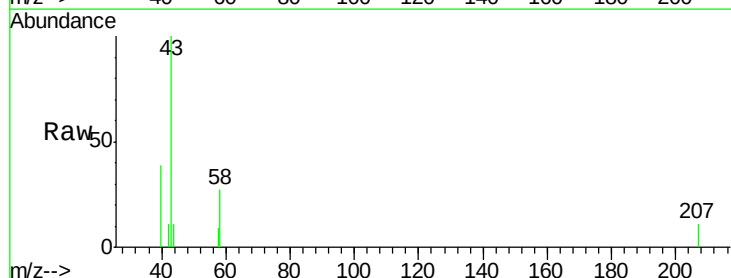
Acq: 14 Oct 2020 13:27

Tgt Ion: 43 Resp: 6340

Ion Ratio Lower Upper

43 100

58 35.9 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.15

2500

2000

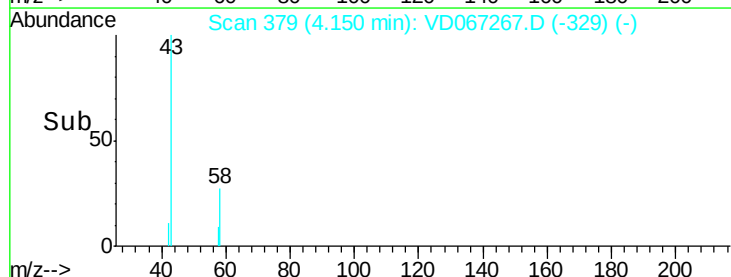
1500

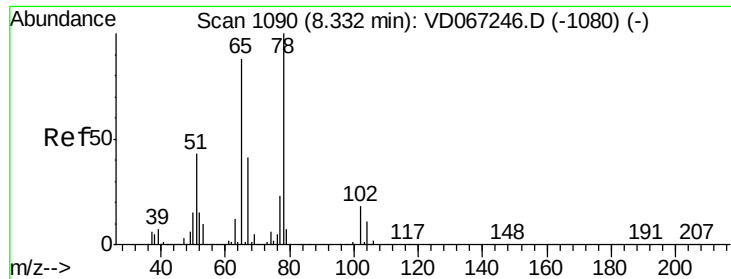
1000

500

0

Time-->

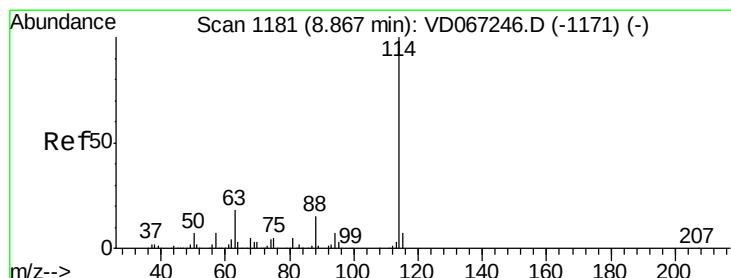
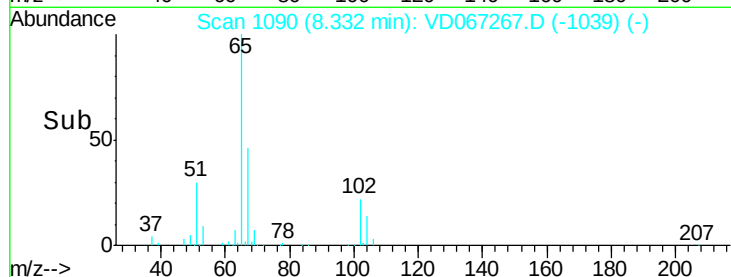
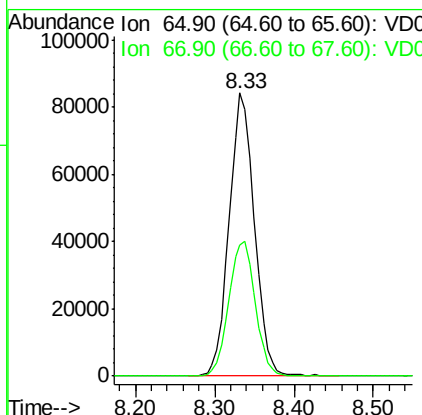
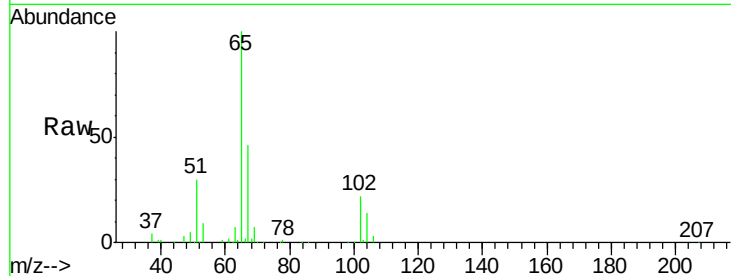




#33
 1,2-Dichloroethane-d4
 Concen: 54.562 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067267.D
 Acq: 14 Oct 2020 13:27

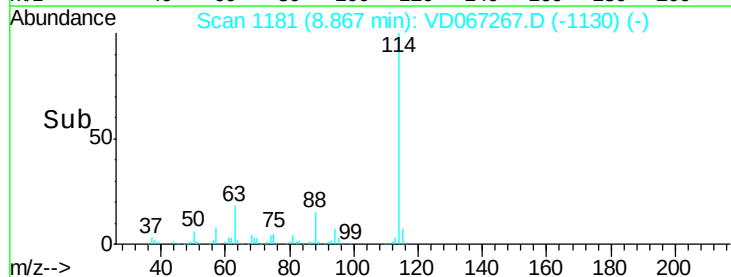
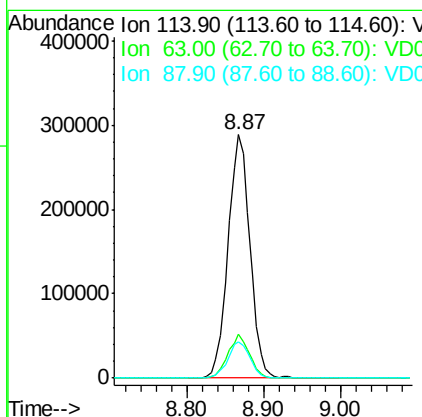
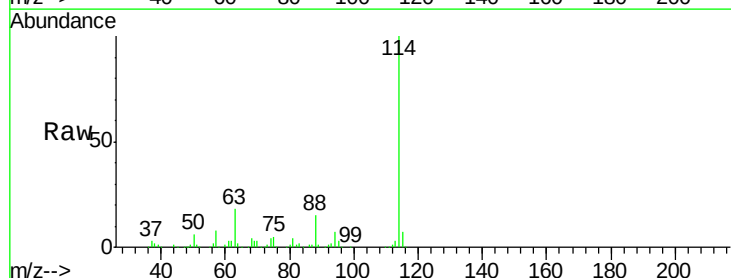
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-08-101320

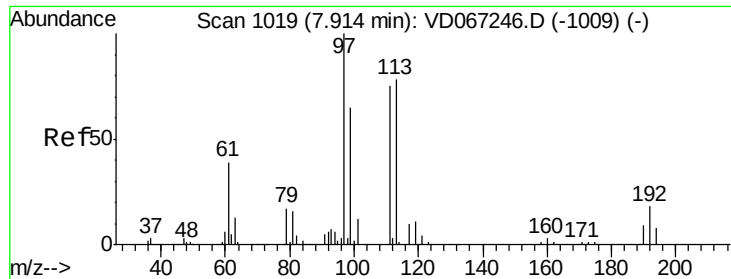
Tot Ion: 65 Resp: 185803
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067267.D
 Acq: 14 Oct 2020 13:27

Tgt Ion: 114 Resp: 573534
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.0
 88 14.9 0.0 30.6



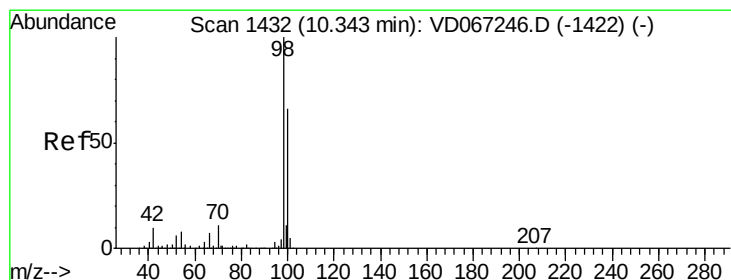
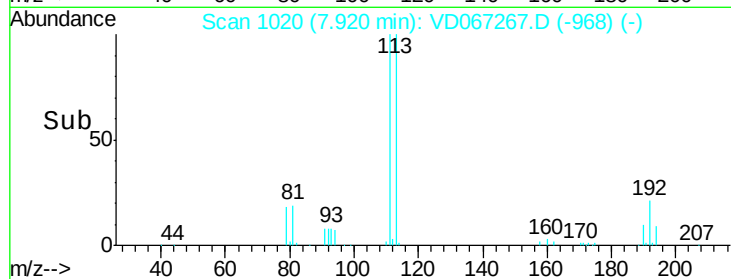
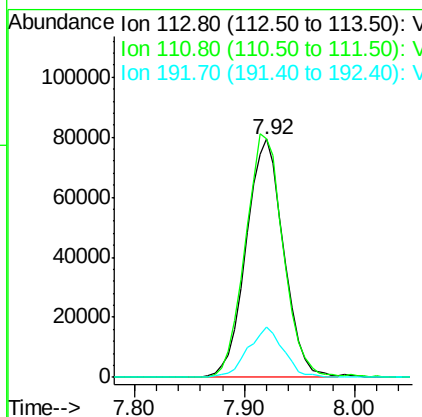
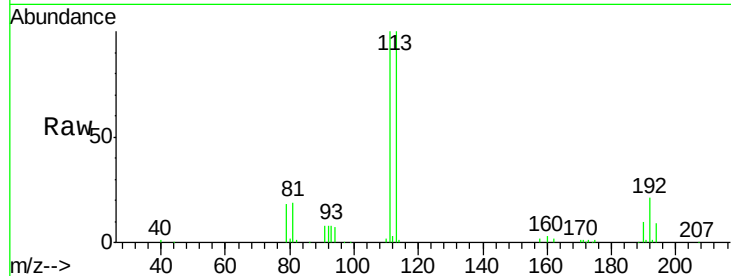


#35
Dibromofluoromethane
Concen: 49.497 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067267.D
Acq: 14 Oct 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
TR-08-101320

Tot Ion:113 Resp: 188923

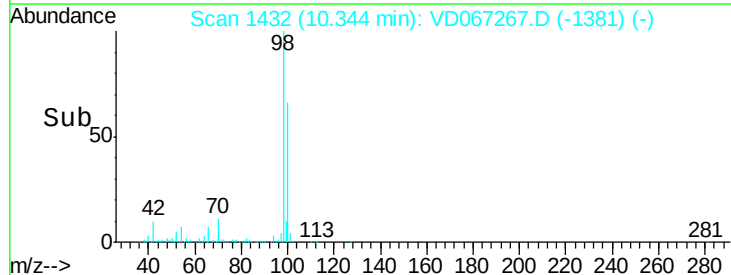
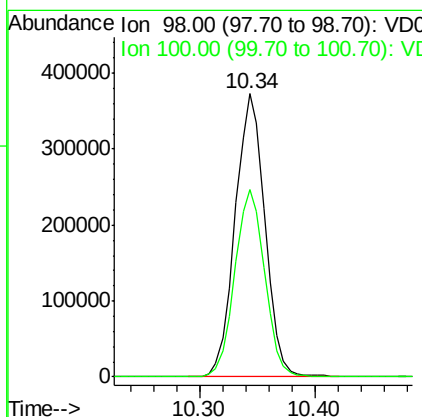
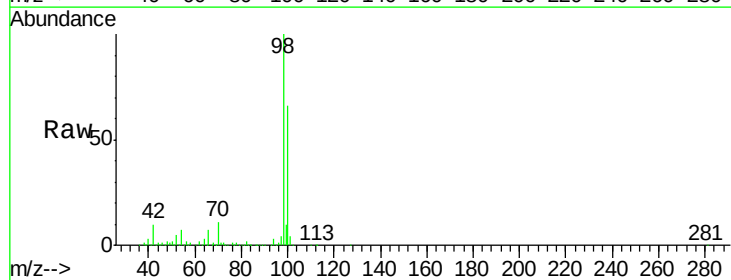
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.6	122.4
192	20.2	17.0	25.4

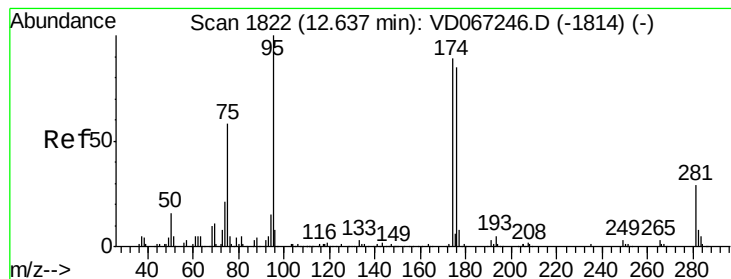


#50
Toluene-d8
Concen: 48.226 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067267.D
Acq: 14 Oct 2020 13:27

Tgt Ion: 98 Resp: 666142

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7





#62

4-Bromofluorobenzene

Concen: 48.699 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067267.D

Acq: 14 Oct 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

TR-08-101320

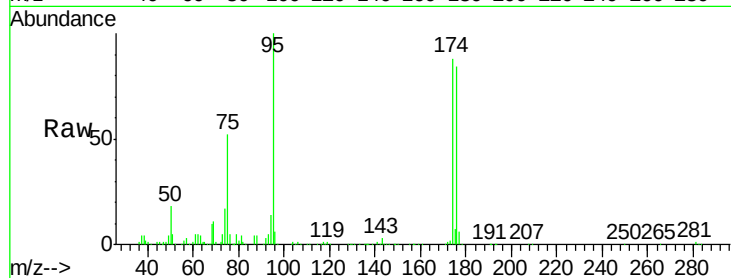
Tot Ion: 95 Resp: 233905

Ion Ratio Lower Upper

95 100

174 89.3 0.0 175.2

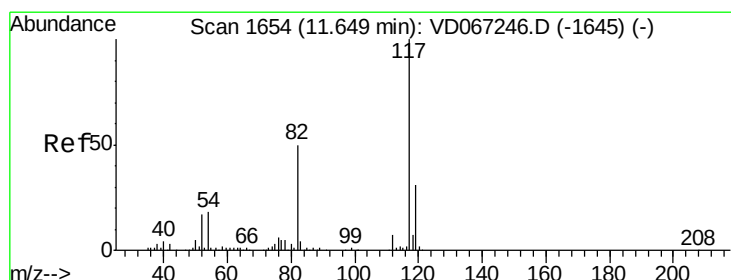
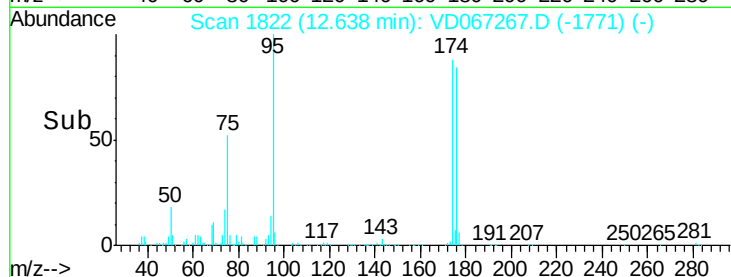
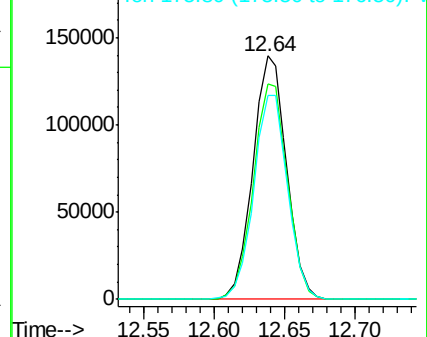
176 84.5 0.0 168.6



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: VD067267.D

Acq: 14 Oct 2020 13:27

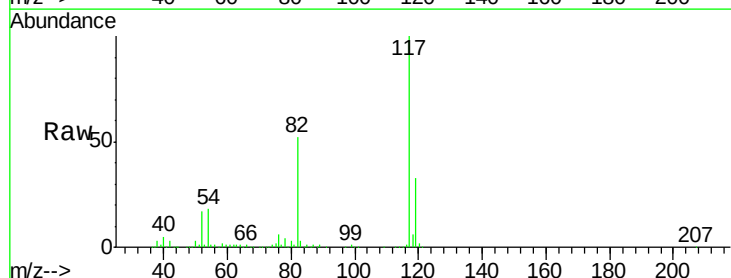
Tgt Ion: 117 Resp: 540479

Ion Ratio Lower Upper

117 100

82 52.4 39.9 59.9

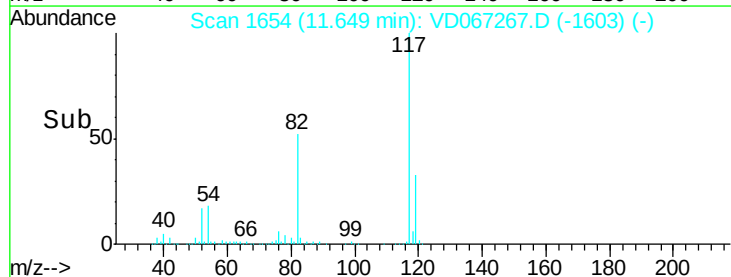
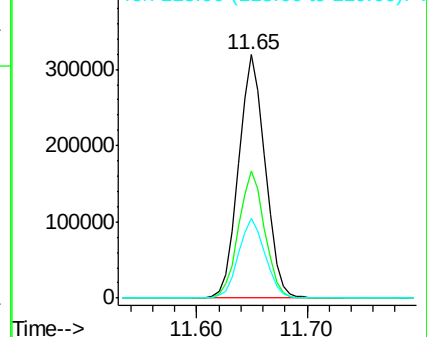
119 32.5 24.9 37.3

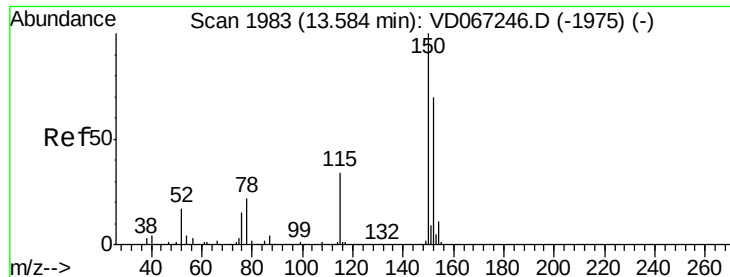


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

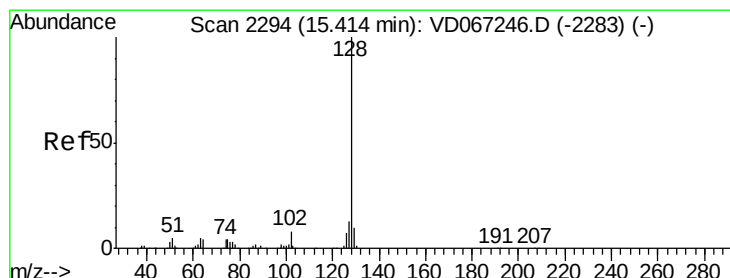
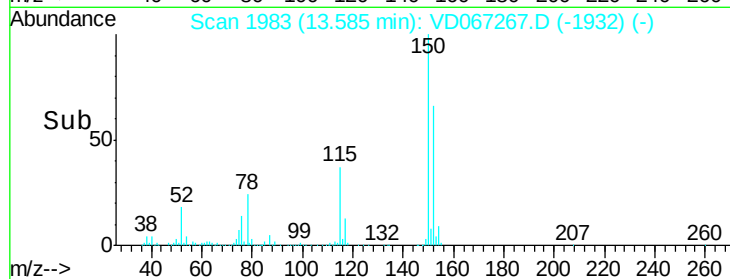
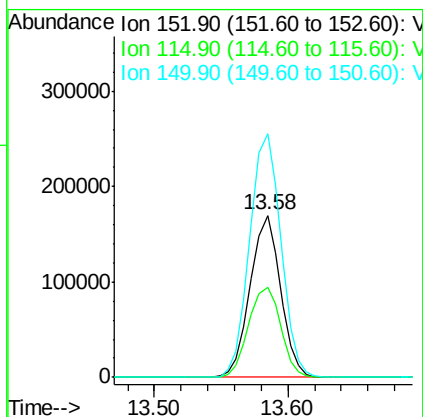
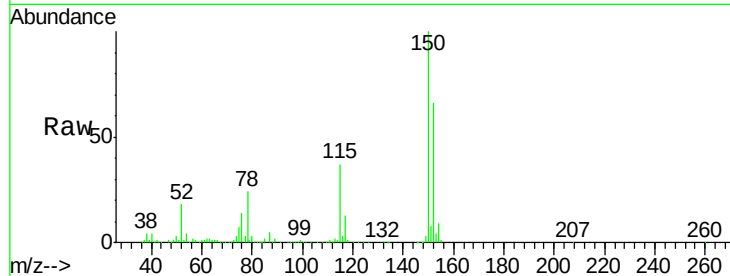




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VD067267.D
 Acq: 14 Oct 2020 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-08-101320

Tot Ion:152 Resp: 266315
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.3 87.9
 150 155.0 0.0 339.0



#95
 Naphthalene
 Concen: 5.022 ug/l
 RT: 15.41 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: VD067267.D
 Acq: 14 Oct 2020 13:27

Tgt Ion:128 Resp: 39391
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.4 15.6
 129 11.4 8.6 12.8

