

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102020\
 Data File : VD067325.D
 Acq On : 20 Oct 2020 15:45
 Operator : VA/SY
 Sample : L4436-03
 Misc : 9.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 33B

Quant Time: Oct 21 02:40:22 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

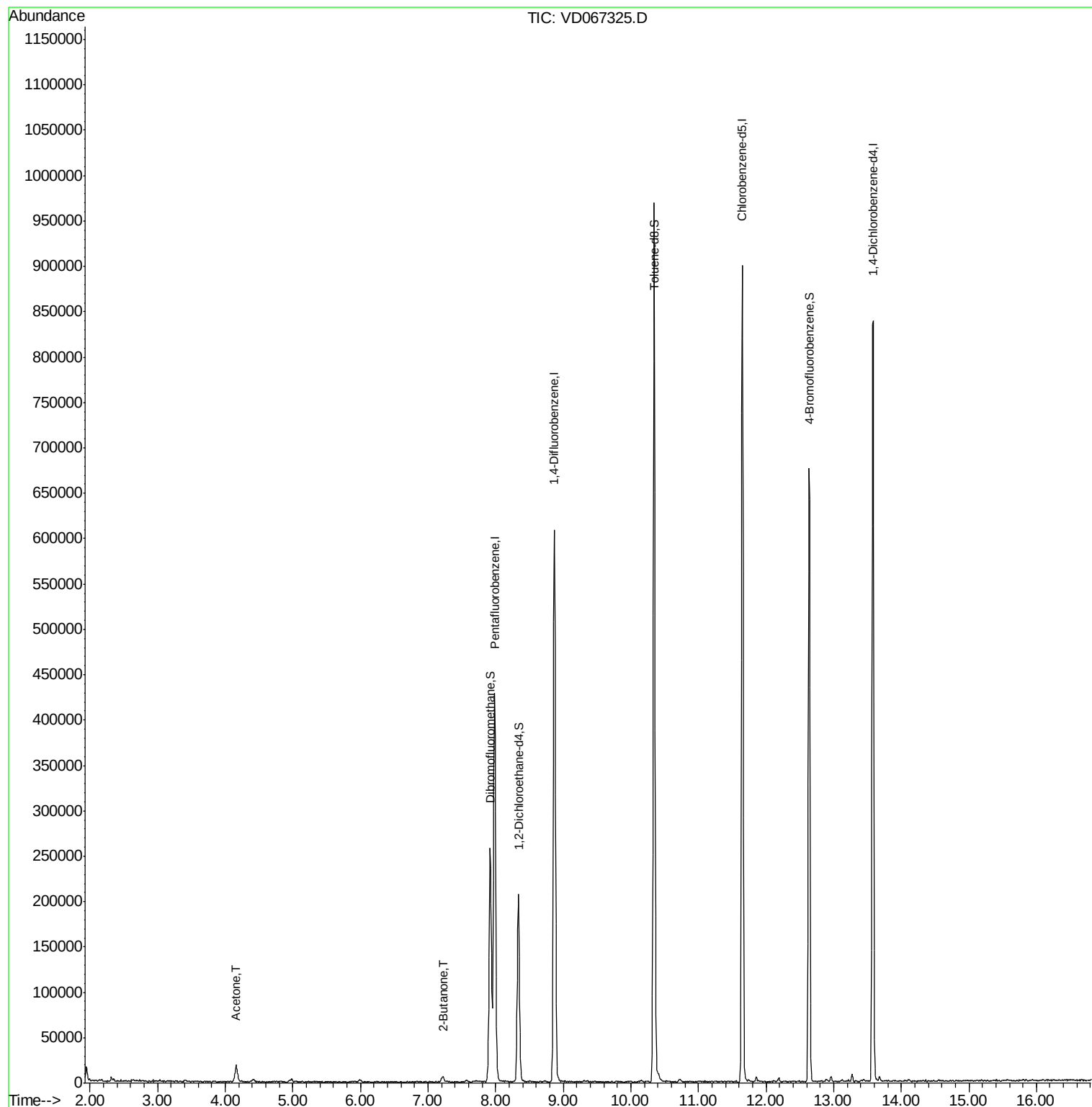
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	326793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	559264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	530479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	244022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	178491	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.04%	
35) Dibromofluoromethane	7.92	113	181399	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
50) Toluene-d8	10.34	98	652338	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.64	95	222321	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
Target Compounds						
16) Acetone	4.16	43	29690	64.752	ug/l	98
25) 2-Butanone	7.22	43	9222	17.644	ug/l	95

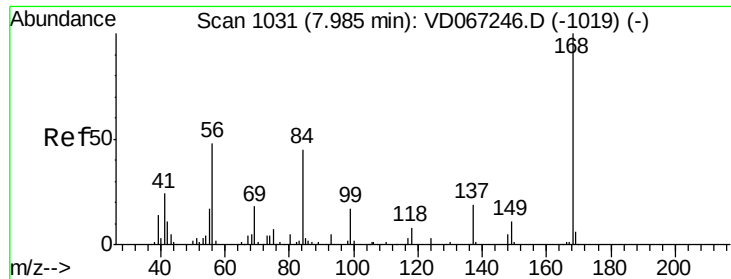
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102020\
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QLast Update : Mon Oct 19 19:13:29 2020
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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: VD067325.D

Acq: 20 Oct 2020 15:45

Instrument :

MSVOA_D

ClientSampleId :

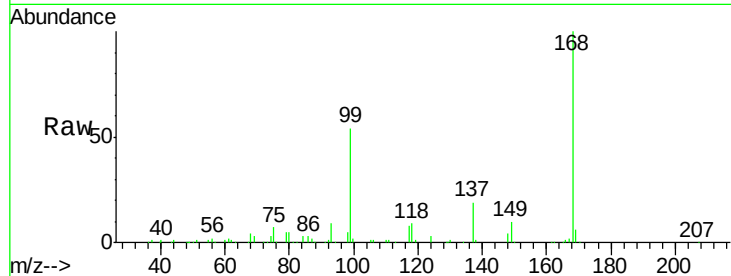
33B

Tot Ion:168 Resp: 326793

Ion Ratio Lower Upper

168 100

99 54.3 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

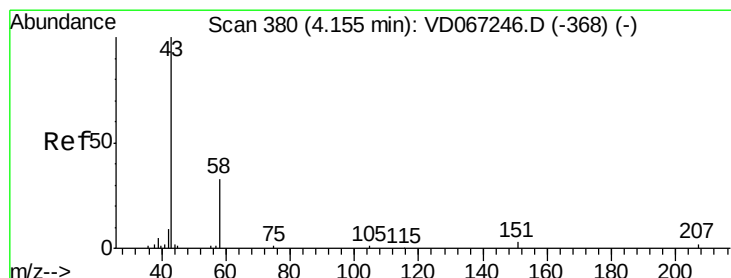
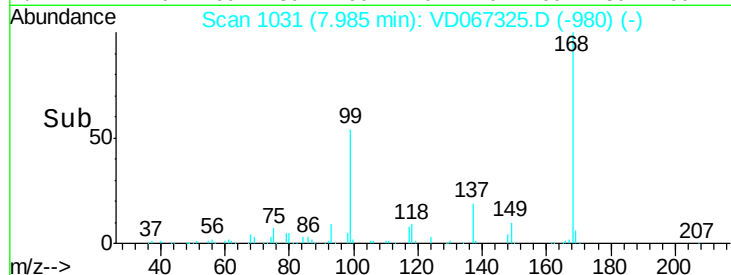
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 64.752 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067325.D

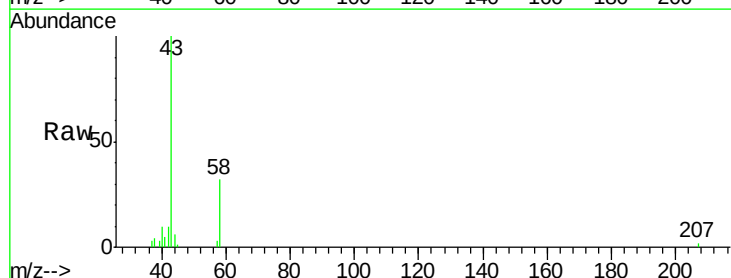
Acq: 20 Oct 2020 15:45

Tgt Ion: 43 Resp: 29690

Ion Ratio Lower Upper

43 100

58 31.7 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

12000

10000

8000

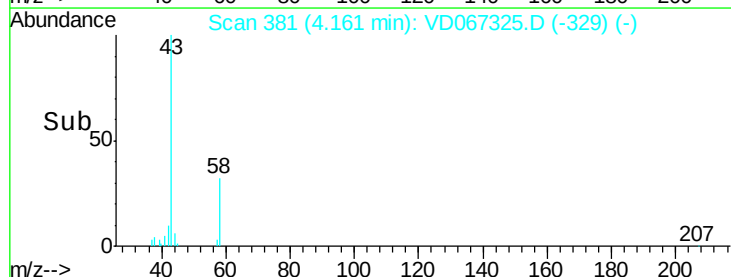
6000

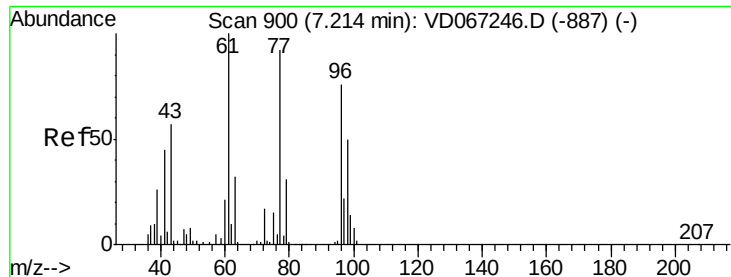
4000

2000

0

Time-->





#25

2-Butanone

Concen: 17.644 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067325.D

Acq: 20 Oct 2020 15:45

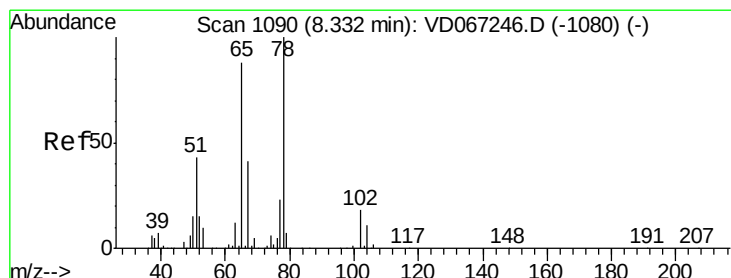
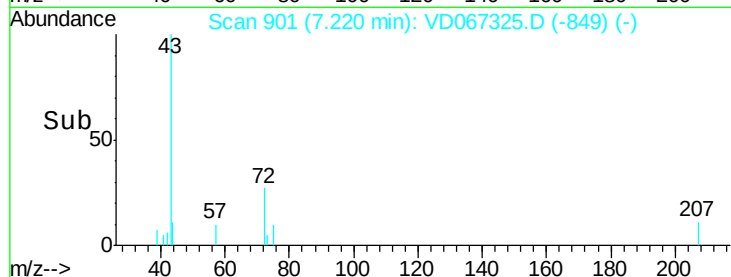
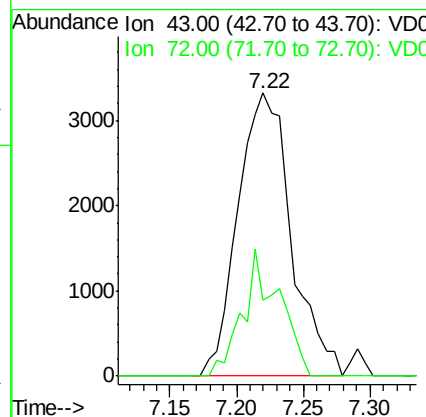
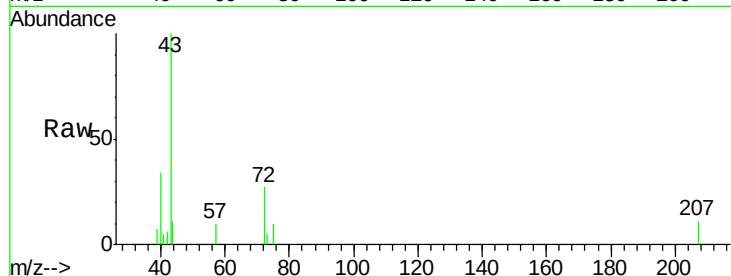
Instrument :
MSVOA_D
ClientSampleId :
33B

Tot Ion: 43 Resp: 9222

Ion Ratio Lower Upper

43 100

72 27.0 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 54.518 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067325.D

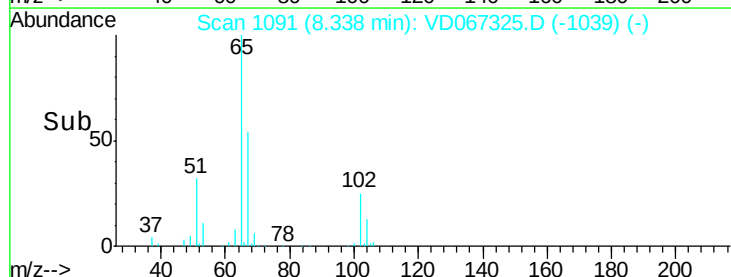
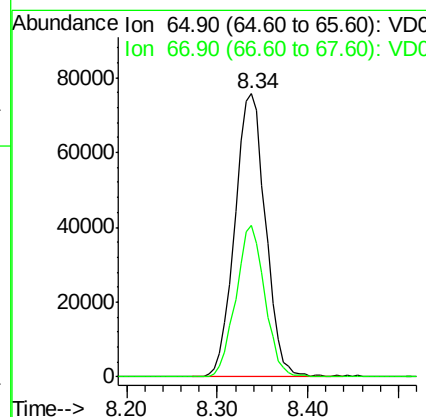
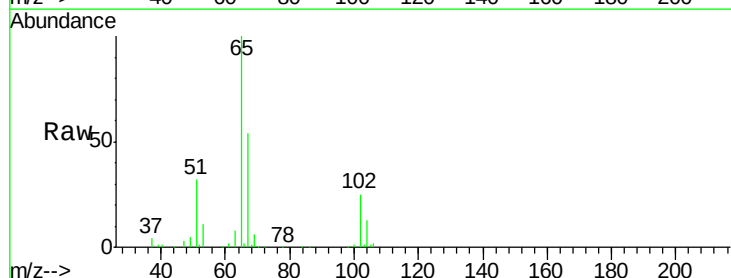
Acq: 20 Oct 2020 15:45

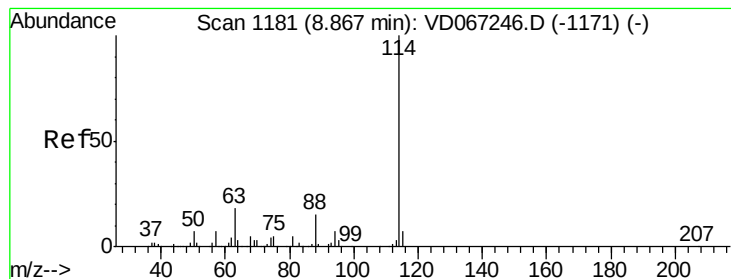
Tgt Ion: 65 Resp: 178491

Ion Ratio Lower Upper

65 100

67 50.4 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: VD067325.D

Acq: 20 Oct 2020 15:45

Instrument :

MSVOA_D

ClientSampleId :

33B

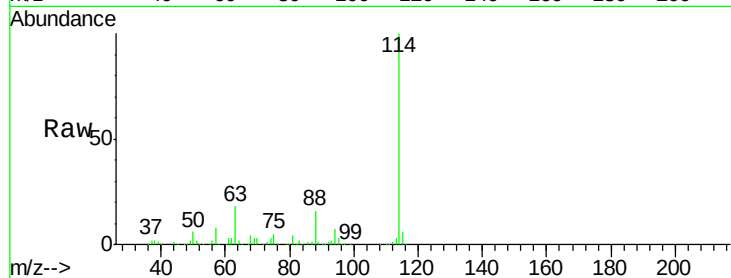
Tot Ion:114 Resp: 559264

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

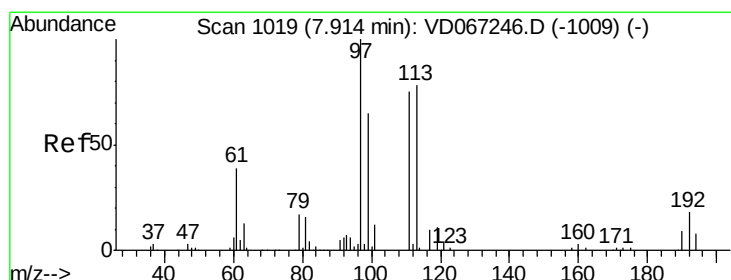
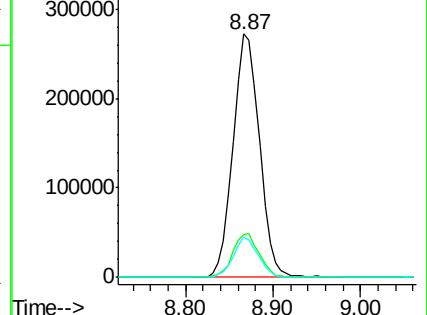
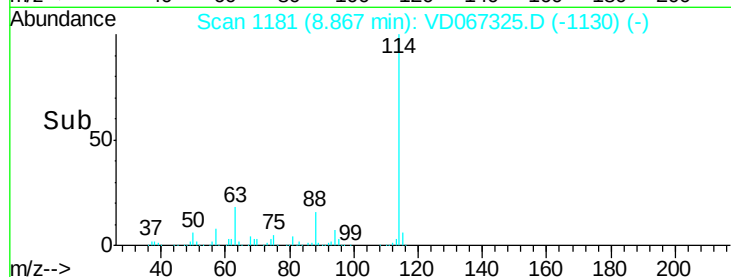
88 16.2 0.0 30.6



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: 48.738 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067325.D

Acq: 20 Oct 2020 15:45

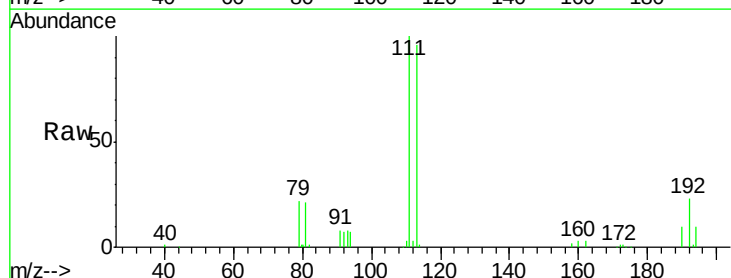
Tgt Ion:113 Resp: 181399

Ion Ratio Lower Upper

113 100

111 104.3 81.6 122.4

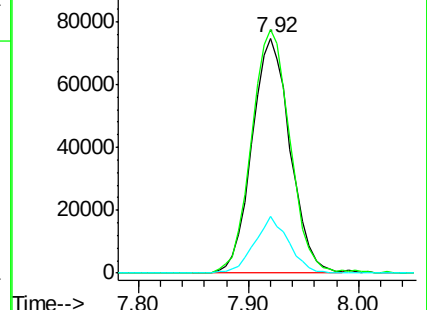
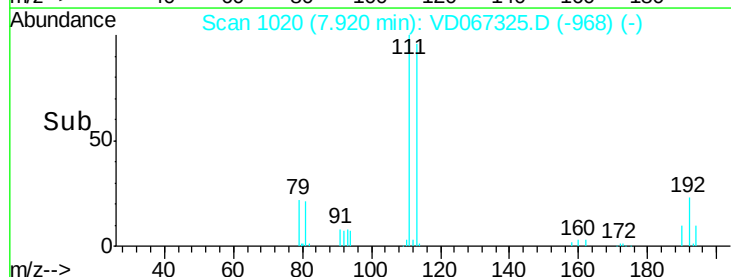
192 21.6 17.0 25.4

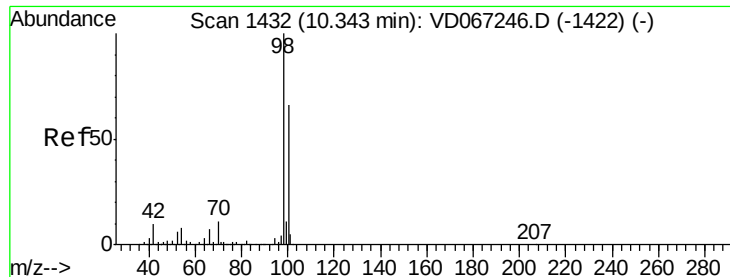


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.432 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067325.D

Acq: 20 Oct 2020 15:45

Instrument :

MSVOA_D

ClientSampleId :

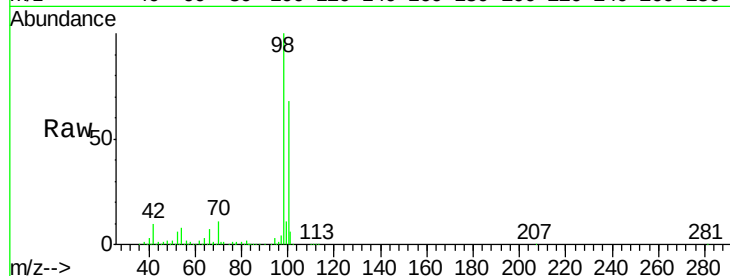
33B

Tot Ion: 98 Resp: 652338

Ion Ratio Lower Upper

98 100

100 67.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VD067246.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD067246.D (-1422) (-)

10.34

400000

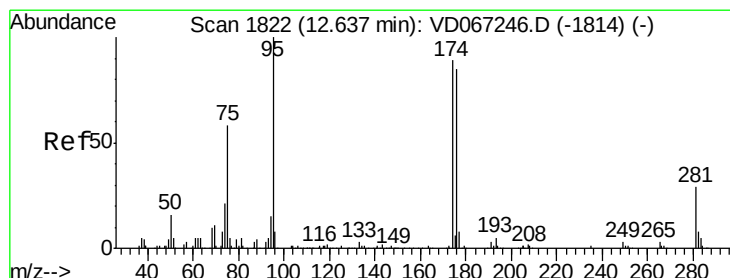
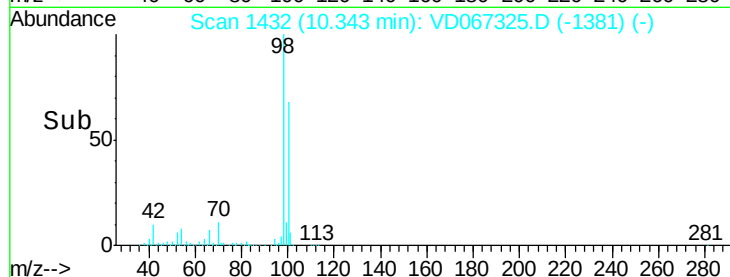
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 47.468 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067325.D

Acq: 20 Oct 2020 15:45

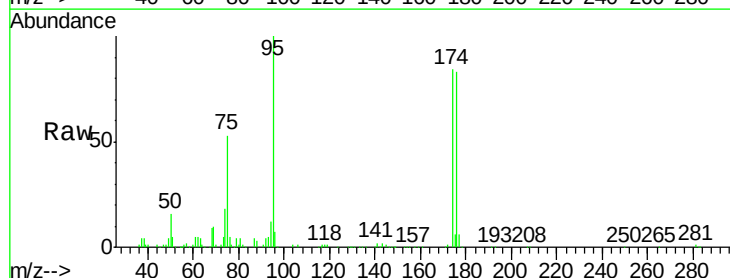
Tgt Ion: 95 Resp: 222321

Ion Ratio Lower Upper

95 100

174 87.3 0.0 175.2

176 85.9 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VD067246.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD067246.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD067246.D (-1814) (-)

12.64

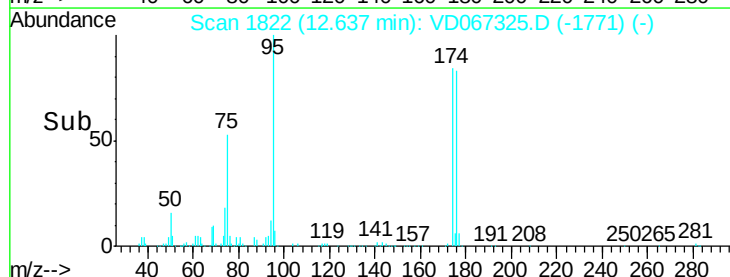
150000

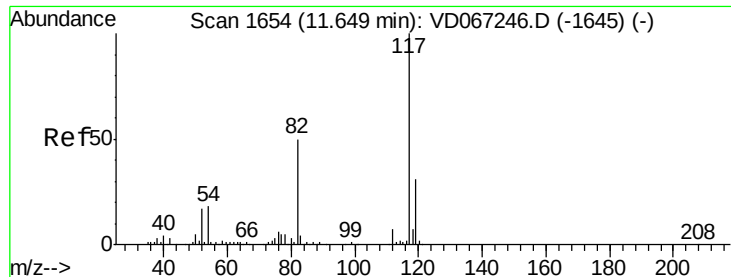
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

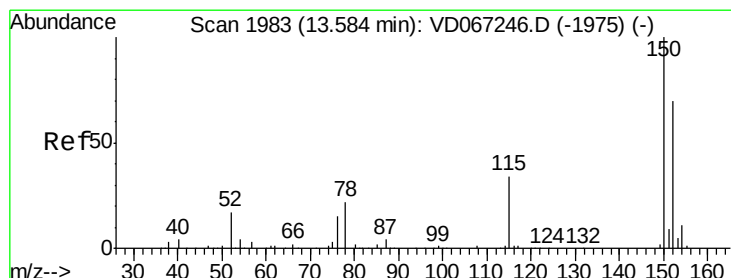
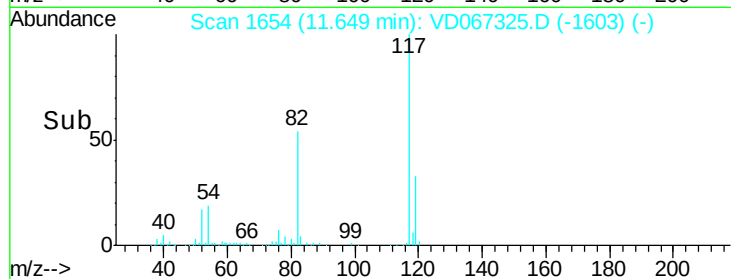
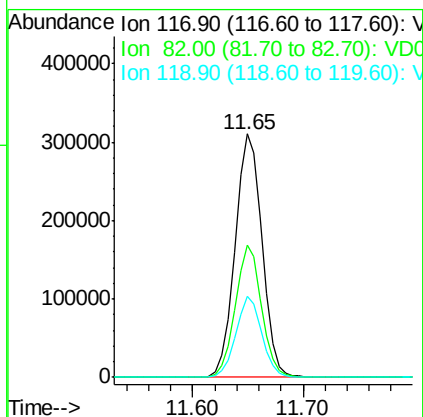
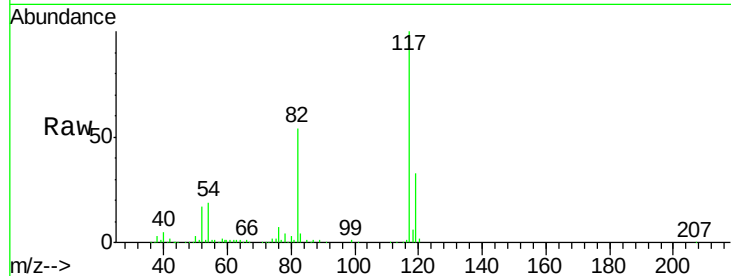




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067325.D
Acq: 20 Oct 2020 15:45

Instrument :
MSVOA_D
ClientSampled :
33B

Tot Ion:117 Resp: 530479
Ion Ratio Lower Upper
117 100
82 54.3 39.9 59.9
119 33.0 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: VD067325.D
Acq: 20 Oct 2020 15:45

Tgt Ion:152 Resp: 244022
Ion Ratio Lower Upper
152 100
115 57.5 29.3 87.9
150 154.6 0.0 339.0

