

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030920\
 Data File : VD065447.D
 Acq On : 09 Mar 2020 13:57
 Operator : VA/SY
 Sample : L1844-03
 Misc : 6.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-16-030520

Quant Time: Mar 10 12:48:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

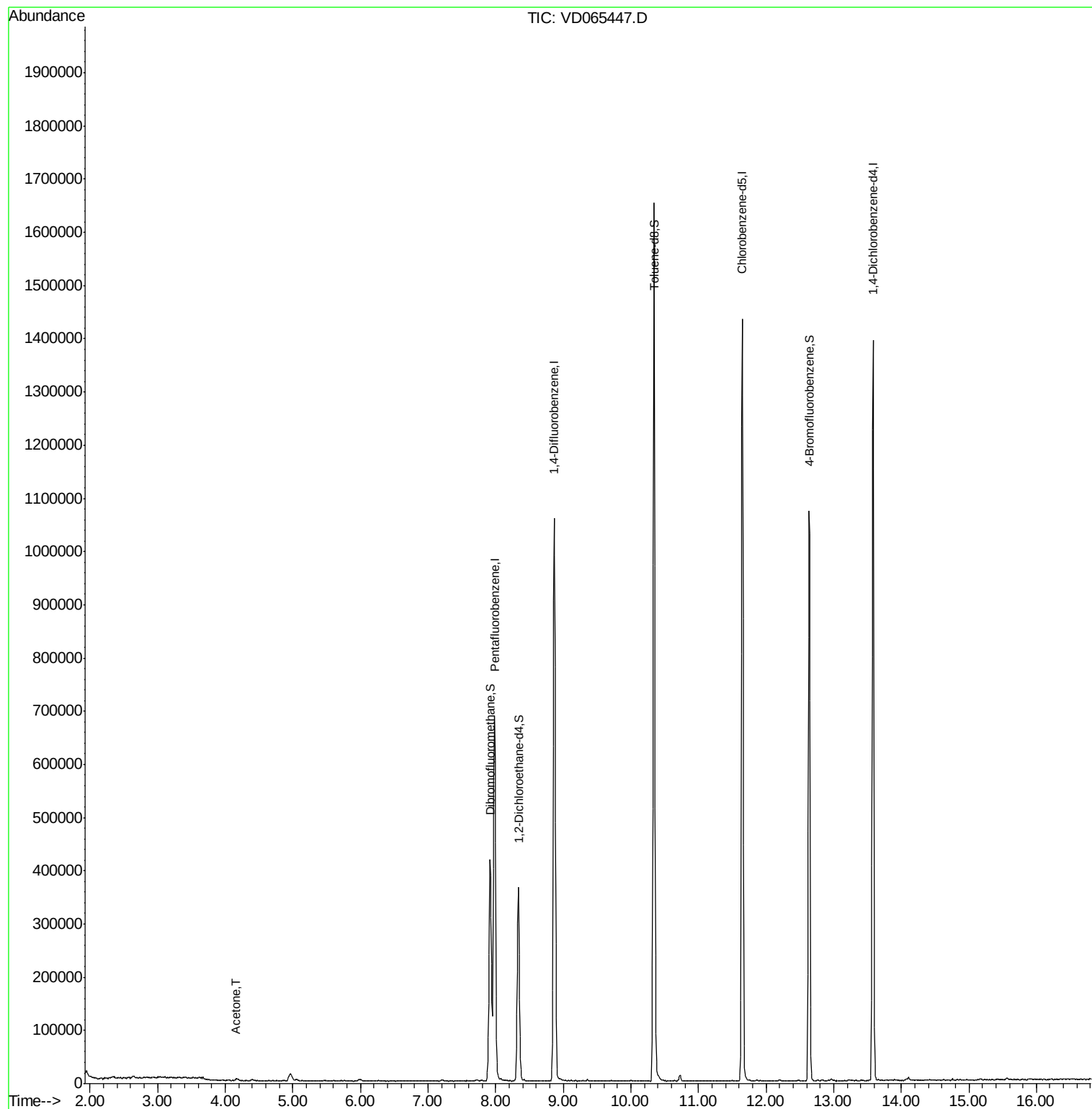
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	548694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	935526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	854751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	385608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	286695	60.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.82%	
35) Dibromofluoromethane	7.92	113	304697	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
50) Toluene-d8	10.34	98	1126068	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.64	95	348376	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
Target Compounds						
16) Acetone	4.16	43	6744	7.085	ug/l	91

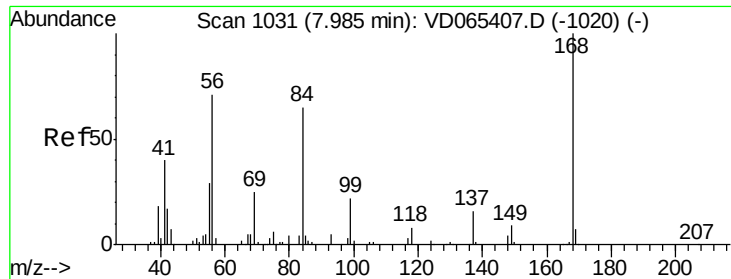
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065447.D

Acq: 09 Mar 2020 13:57

Instrument :

MSVOA_D

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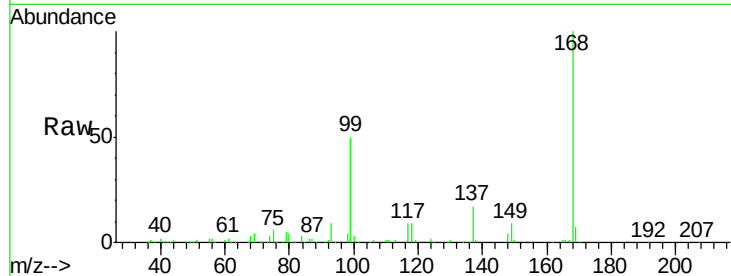
GP-16-030520

Tot Ion:168 Resp: 548694

Ion Ratio Lower Upper

168 100

99 49.9 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

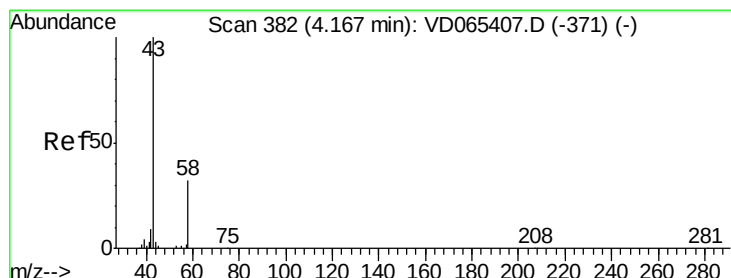
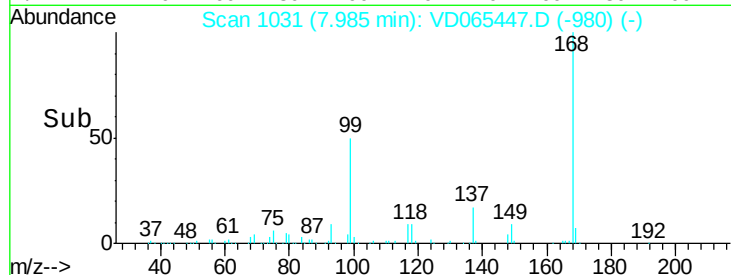
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.085 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065447.D

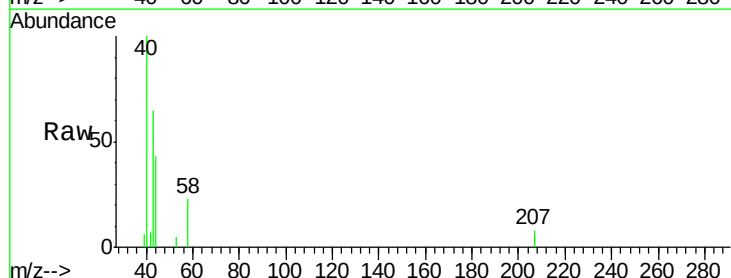
Acq: 09 Mar 2020 13:57

Tgt Ion: 43 Resp: 6744

Ion Ratio Lower Upper

43 100

58 36.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

2500

2000

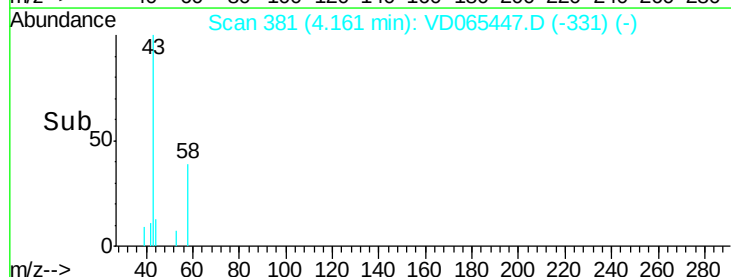
1500

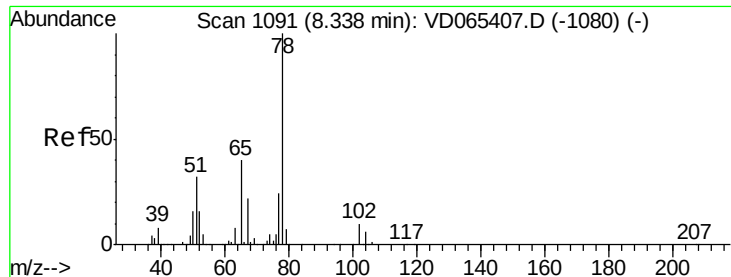
1000

500

0

Time-->

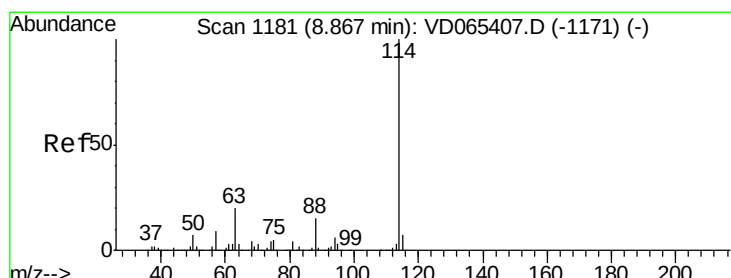
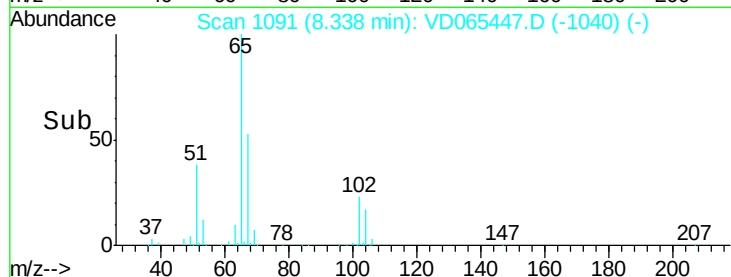
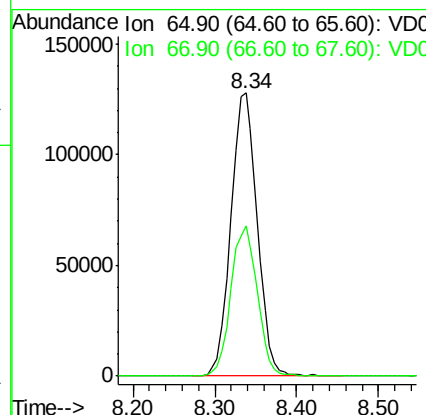
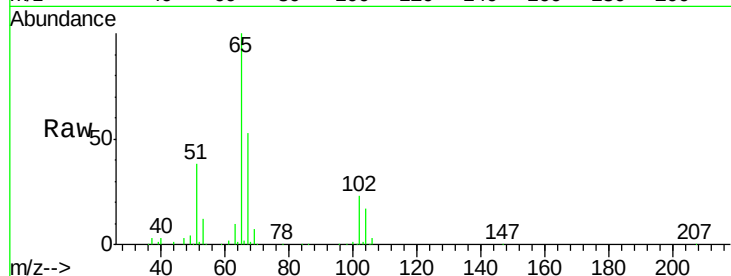




#33
 1,2-Dichloroethane-d4
 Concen: 60.912 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065447.D
 Acq: 09 Mar 2020 13:57

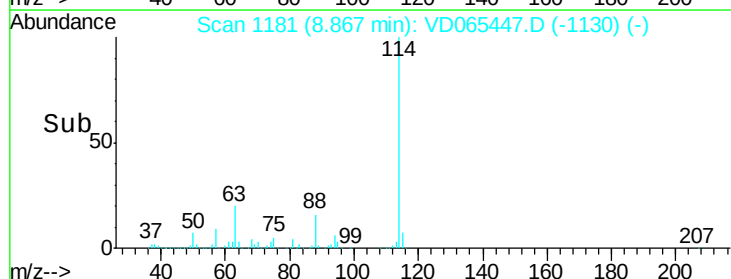
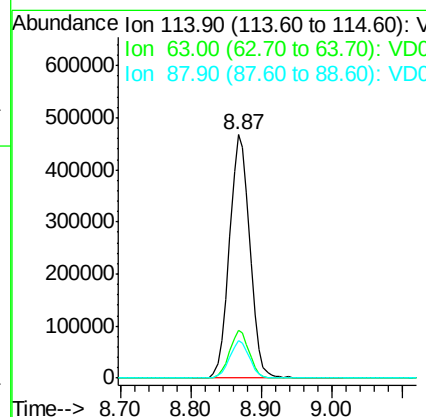
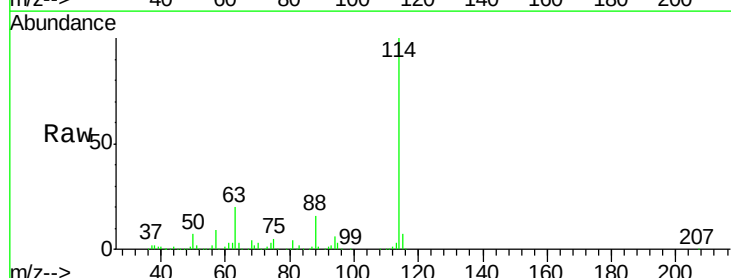
Instrument :
 MSVOA_D
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 GP-16-030520

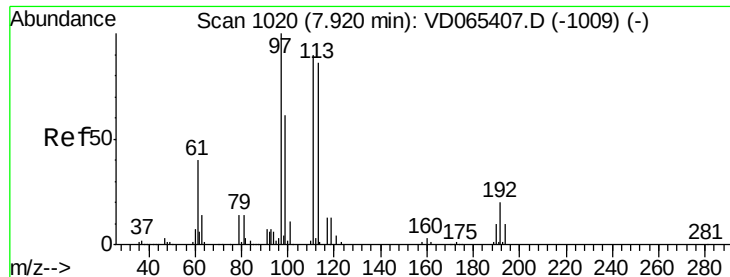
Tot Ion: 65 Resp: 286695
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065447.D
 Acq: 09 Mar 2020 13:57

Tgt Ion: 114 Resp: 935526
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.6
 88 15.5 0.0 30.4

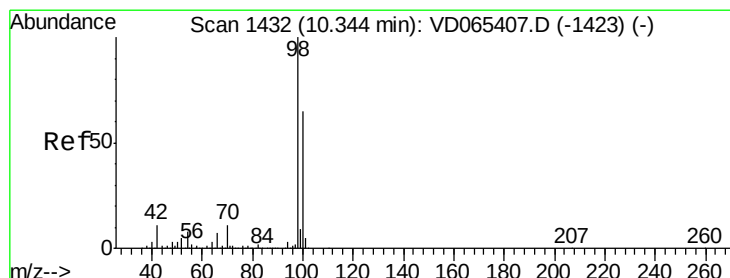
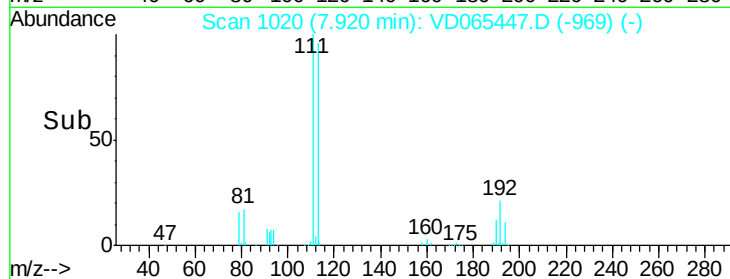
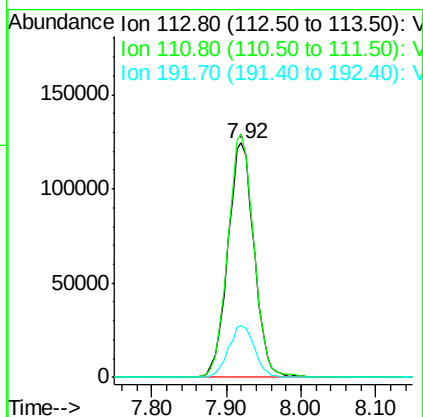
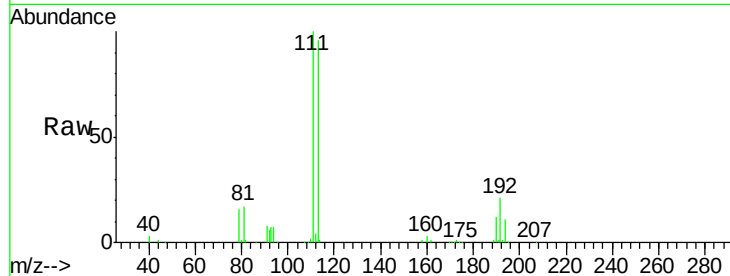




#35
 Dibromofluoromethane
 Concen: 52.667 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065447.D
 Acq: 09 Mar 2020 13:57

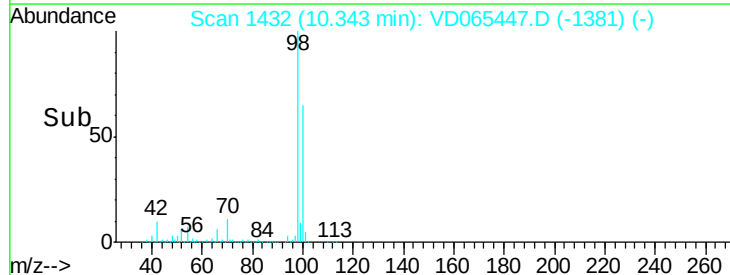
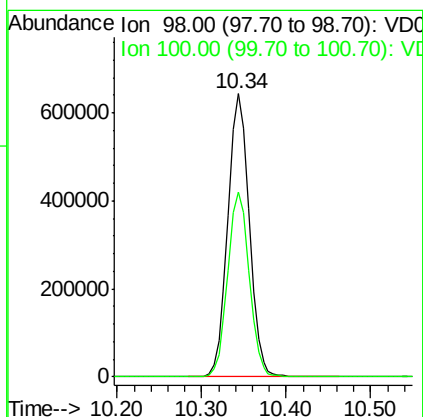
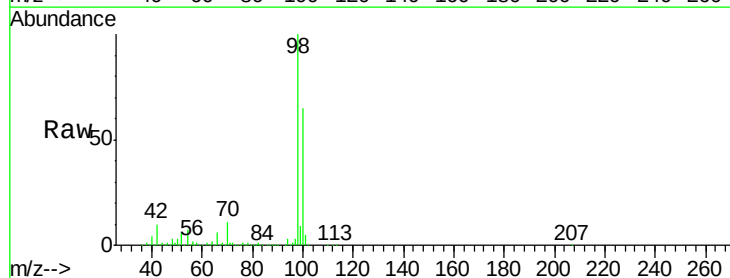
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-16-030520

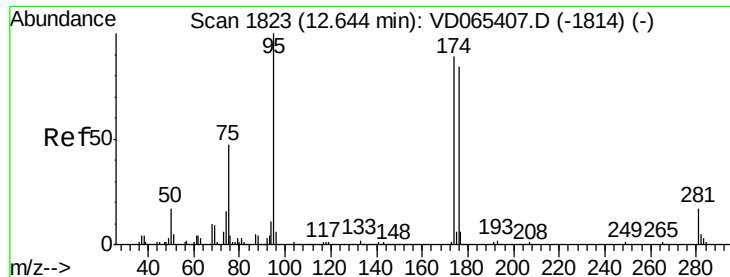
Tot Ion:113 Resp: 304697
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.1 123.1
 192 22.0 17.2 25.8



#50
 Toluene-d8
 Concen: 50.736 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065447.D
 Acq: 09 Mar 2020 13:57

Tgt Ion: 98 Resp: 1126068
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.8 79.2





#62

4-Bromofluorobenzene

Concen: 50.845 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065447.D

Acq: 09 Mar 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

GP-16-030520

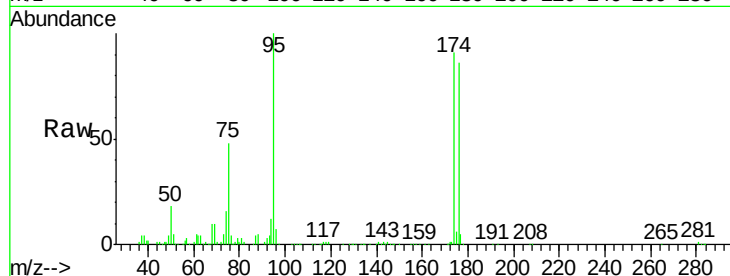
Tot Ion: 95 Resp: 348376

Ion Ratio Lower Upper

95 100

174 91.2 0.0 176.8

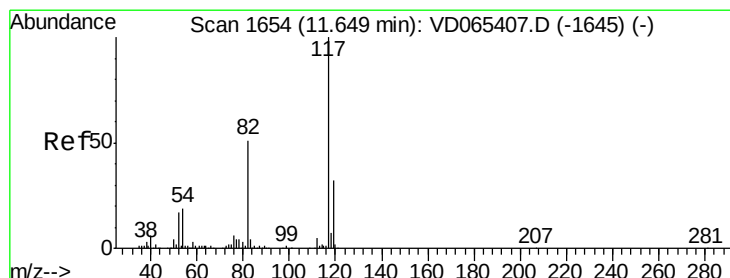
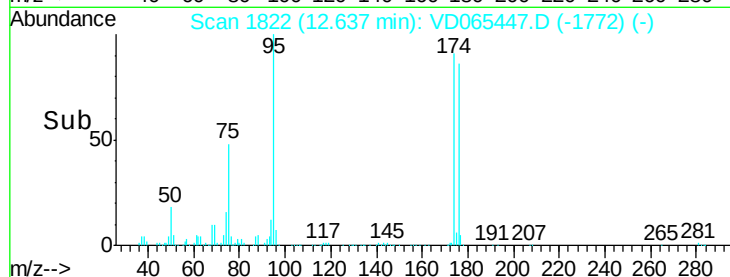
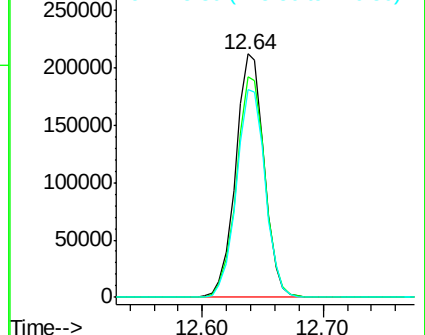
176 86.3 0.0 171.4



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: VD065447.D

Acq: 09 Mar 2020 13:57

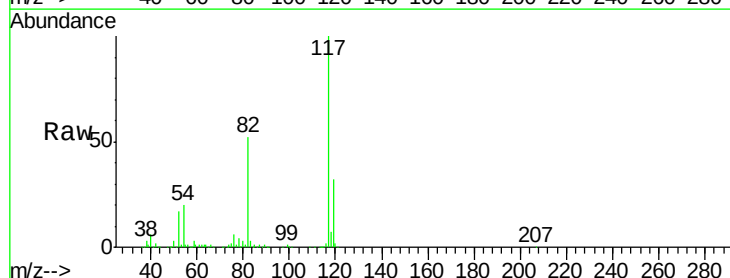
Tgt Ion: 117 Resp: 854751

Ion Ratio Lower Upper

117 100

82 51.9 40.6 60.8

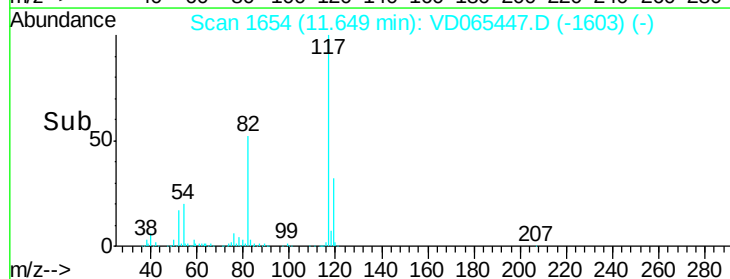
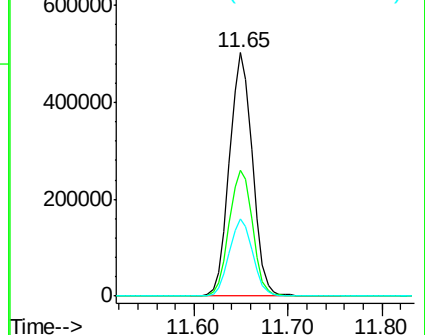
119 31.9 25.4 38.2

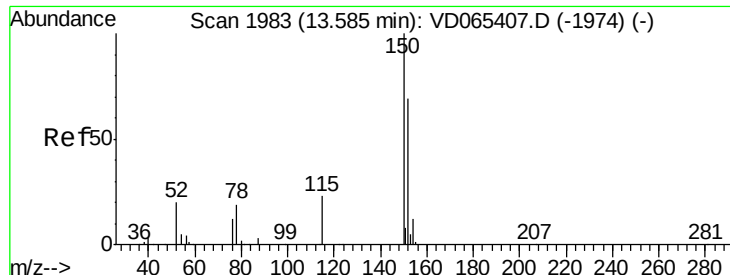


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065447.D

Acq: 09 Mar 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

GP-16-030520

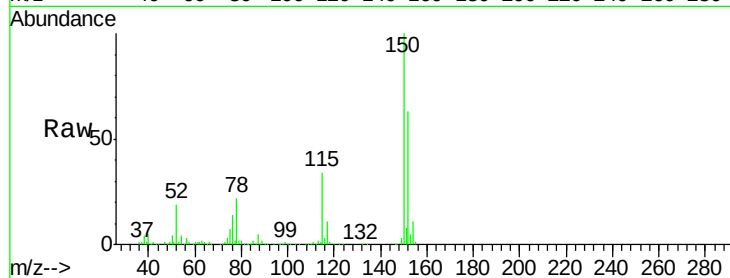
Tot Ion:152 Resp: 385608

Ion Ratio Lower Upper

152 100

115 55.1 27.6 82.8

150 157.3 0.0 345.0



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

