

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064755.D
 Acq On : 04 Jan 2020 02:33
 Operator : VA/SY
 Sample : K6463-02
 Misc : 8.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-6-(4-6)

Quant Time: Jan 06 08:00:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

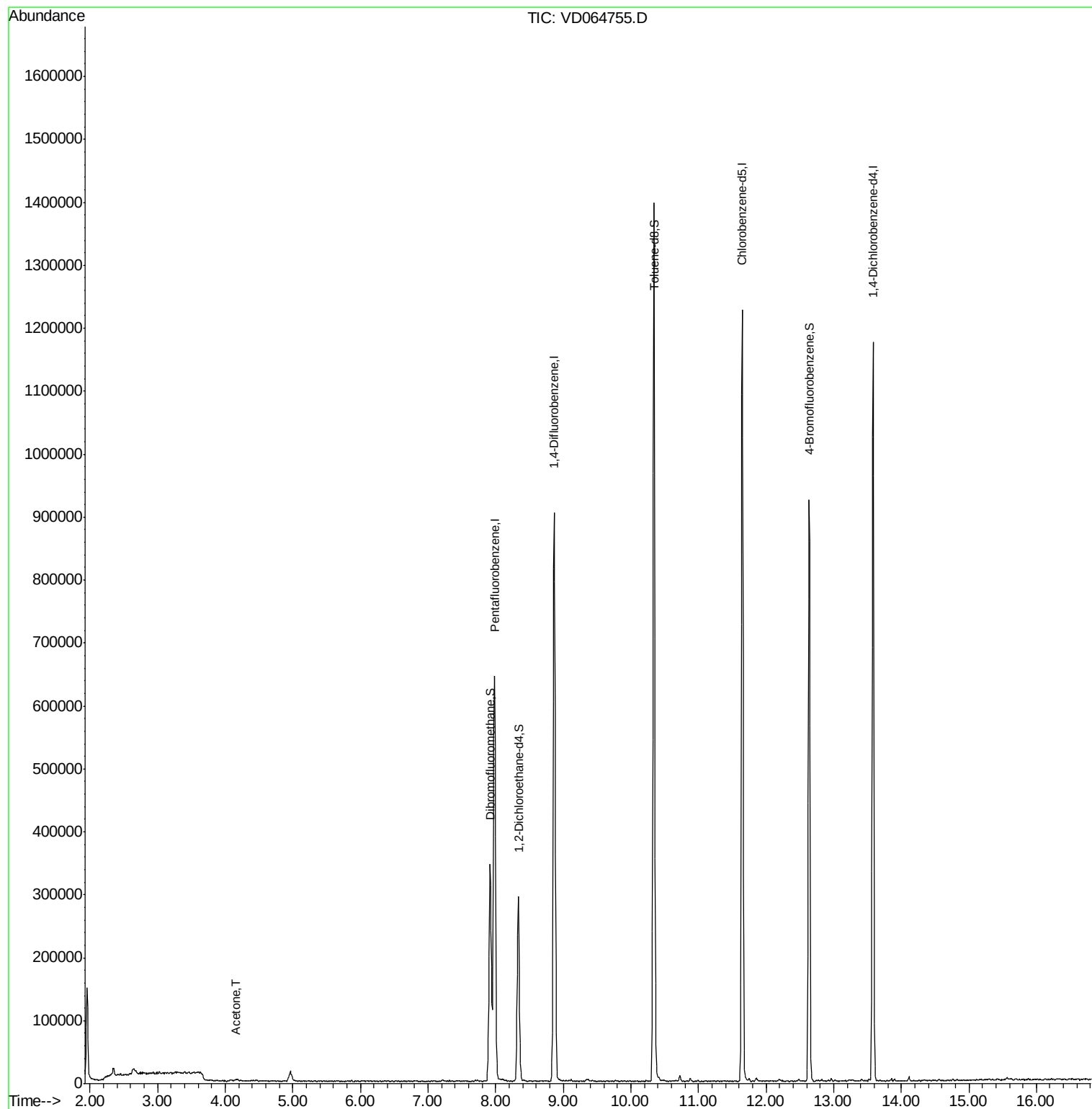
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	497660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	769735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	675696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	226853	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
35) Dibromofluoromethane	7.92	113	235741	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	10.34	98	931868	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.64	95	274409	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
Target Compounds						
16) Acetone	4.16	43	4967	8.921	ug/l	Qvalue 94

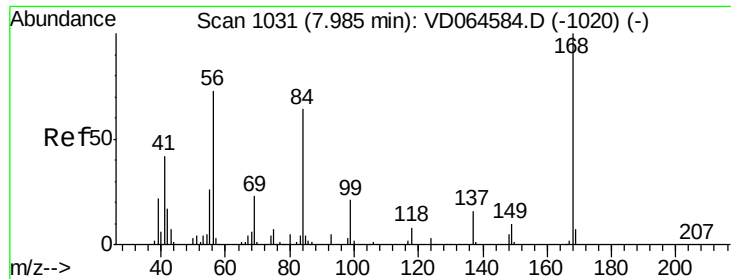
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

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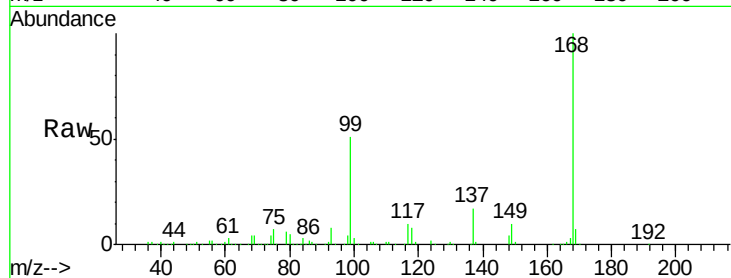
GP-6-(4-6)

Tgt Ion:168 Resp: 497660

Ion Ratio Lower Upper

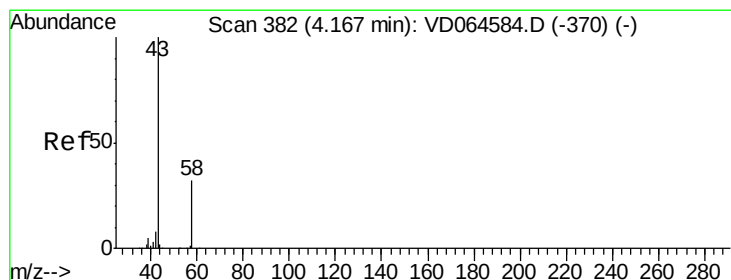
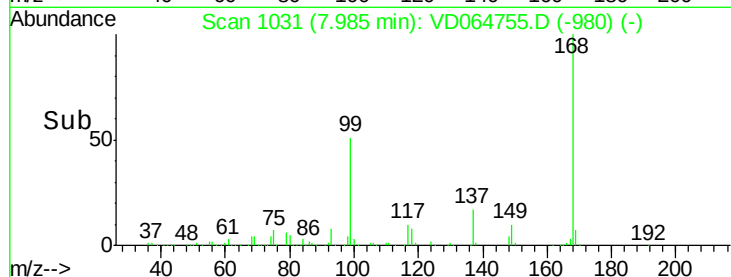
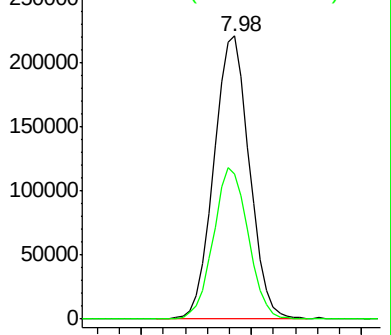
168 100

99 51.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 8.921 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064755.D

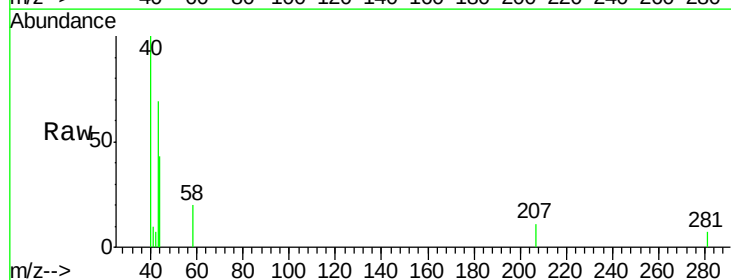
Acq: 04 Jan 2020 02:33

Tgt Ion: 43 Resp: 4967

Ion Ratio Lower Upper

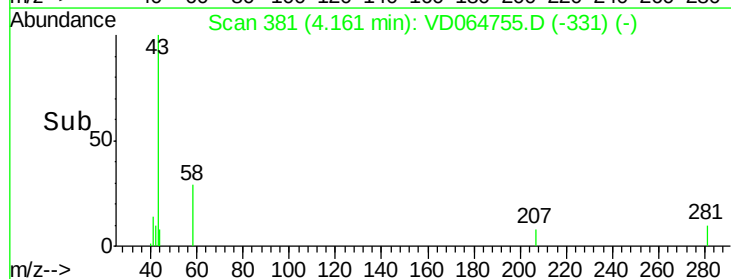
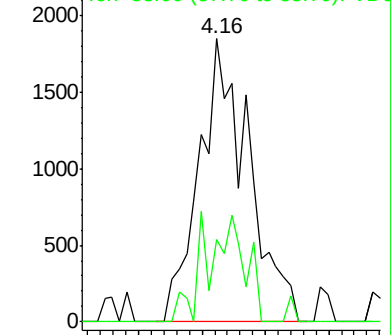
43 100

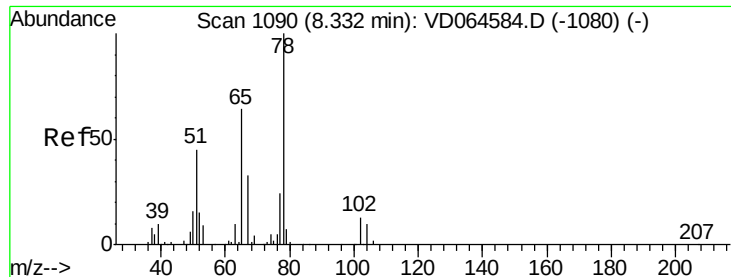
58 29.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

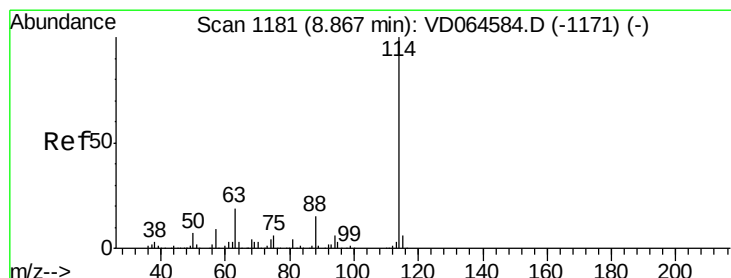
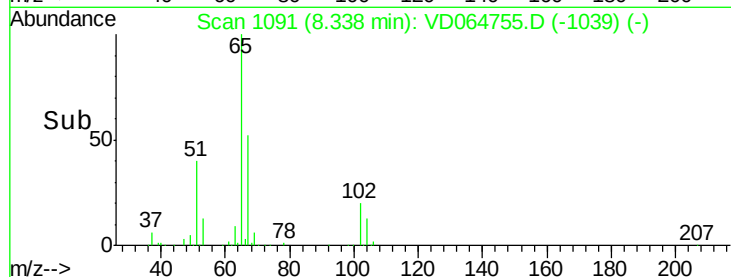
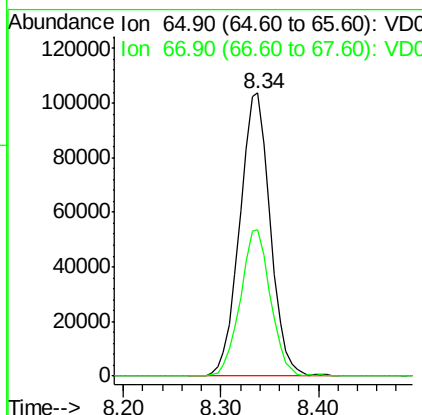
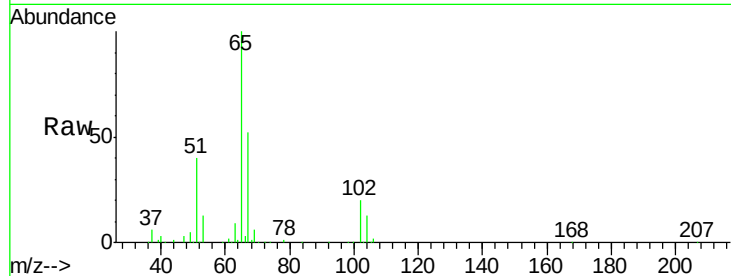




#33
 1,2-Dichloroethane-d4
 Concen: 51.695 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064755.D
 Acq: 04 Jan 2020 02:33

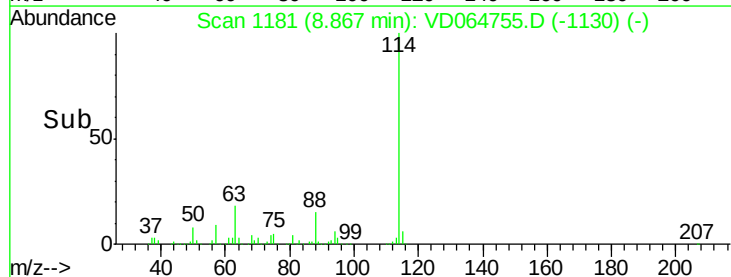
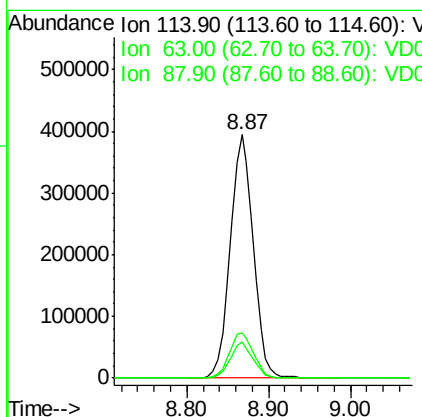
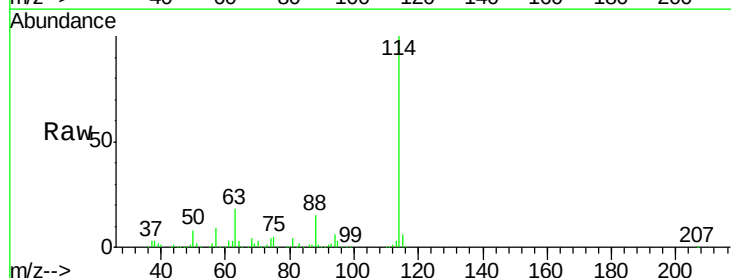
Instrument :
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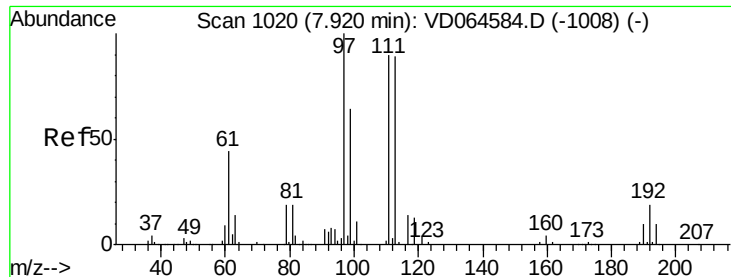
Tgt Ion: 65 Resp: 226853
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064755.D
 Acq: 04 Jan 2020 02:33

Tgt Ion: 114 Resp: 769735
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.0
 88 15.1 0.0 29.2

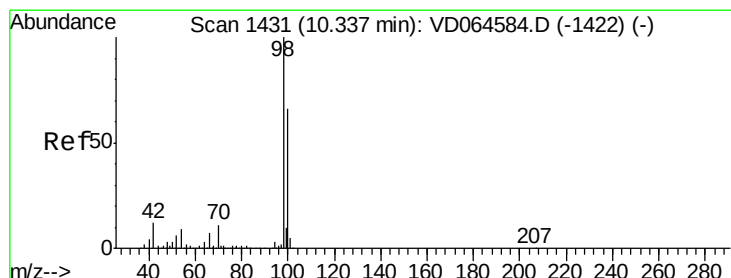
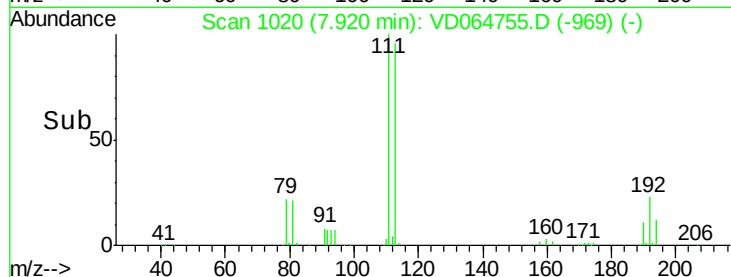
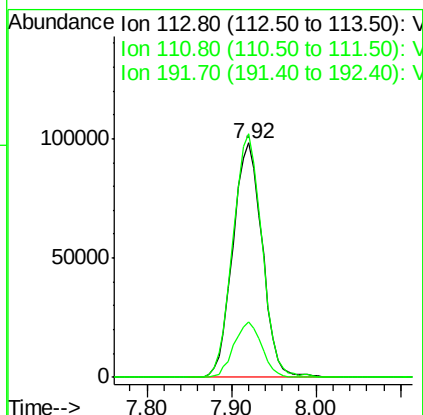
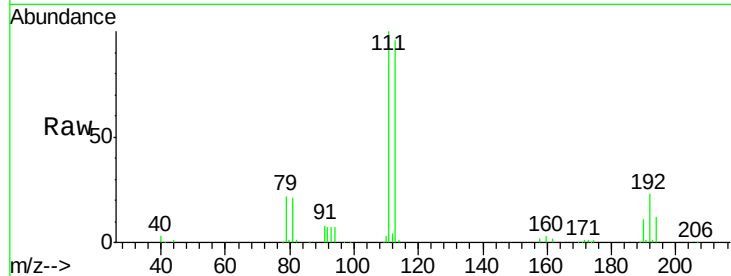




#35
 Dibromofluoromethane
 Concen: 49.919 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064755.D
 Acq: 04 Jan 2020 02:33

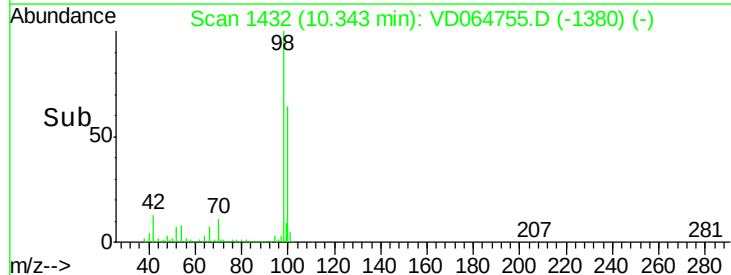
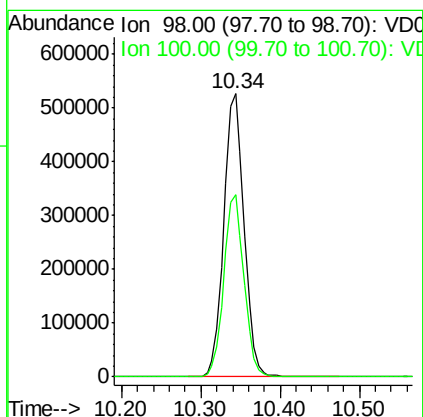
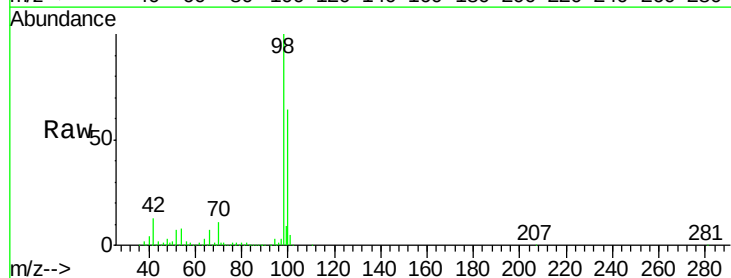
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-6-(4-6)

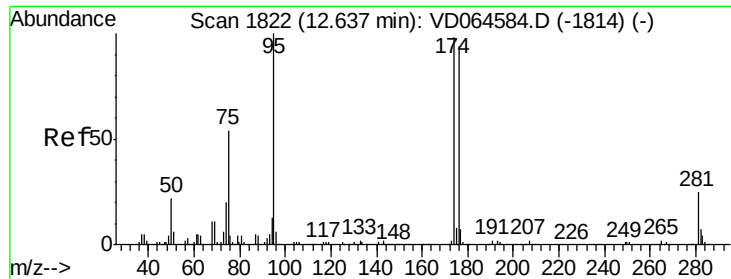
Tgt Ion: 113 Resp: 235741
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.6 121.0
 192 22.5 17.9 26.9



#50
 Toluene-d8
 Concen: 51.523 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064755.D
 Acq: 04 Jan 2020 02:33

Tgt Ion: 98 Resp: 931868
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 47.981 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064755.D

Acq: 04 Jan 2020 02:33

Instrument :

MSVOA_D

ClientSampleId :

GP-6-(4-6)

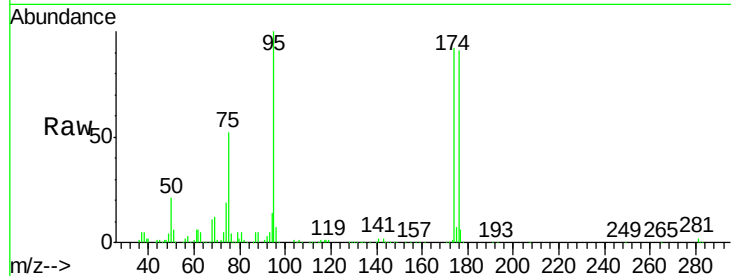
Tgt Ion: 95 Resp: 274409

Ion Ratio Lower Upper

95 100

174 94.4 0.0 193.2

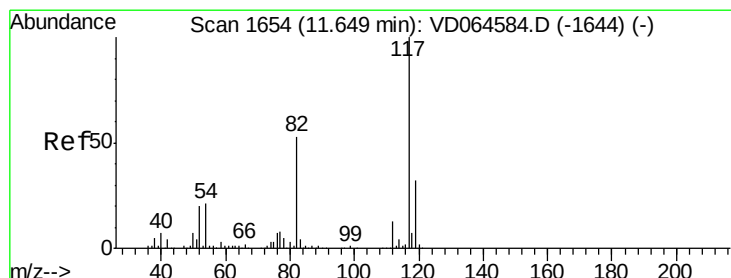
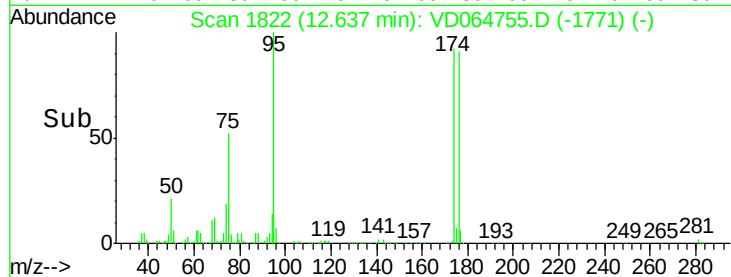
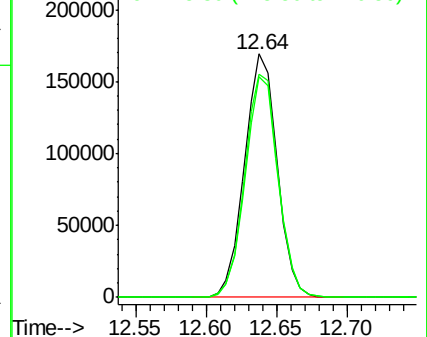
176 91.2 0.0 184.2



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: VD064755.D

Acq: 04 Jan 2020 02:33

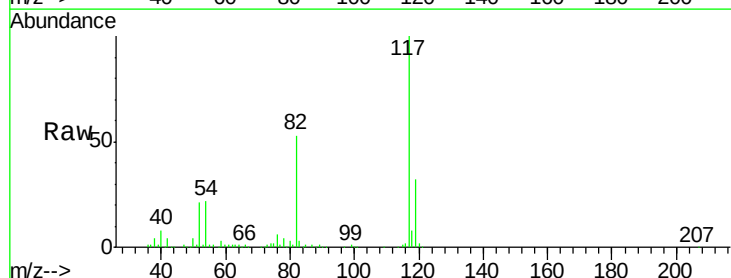
Tgt Ion: 117 Resp: 675696

Ion Ratio Lower Upper

117 100

82 53.4 42.2 63.4

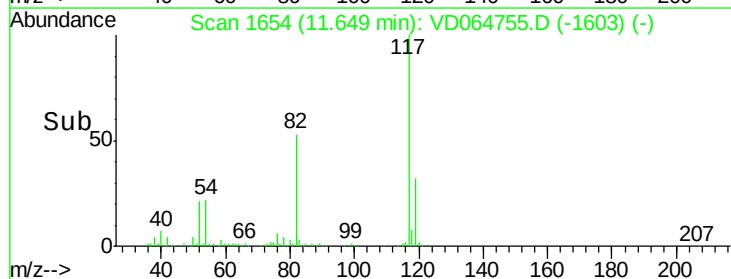
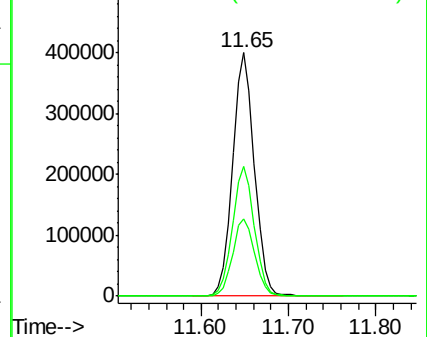
119 32.0 26.0 39.0

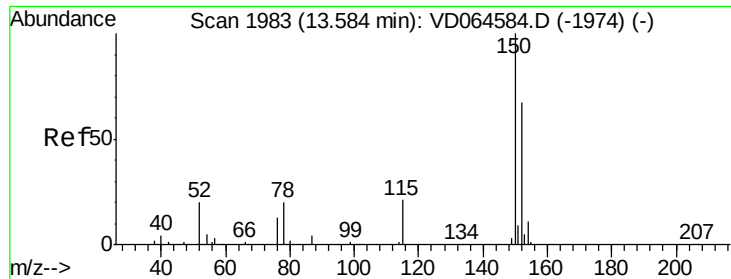


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064755.D

Acq: 04 Jan 2020 02:33

Instrument :

MSVOA_D

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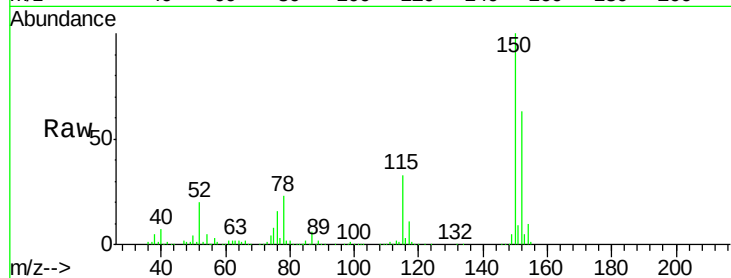
Tgt Ion:152 Resp: 305595

Ion Ratio Lower Upper

152 100

115 54.4 27.8 83.4

150 157.2 0.0 351.4



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

