

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064641.D
 Acq On : 27 Dec 2019 13:28
 Operator : VA/SY
 Sample : K6437-08
 Misc : 3.79G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-5-(6-8)

Quant Time: Dec 30 03:07:32 2019
 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

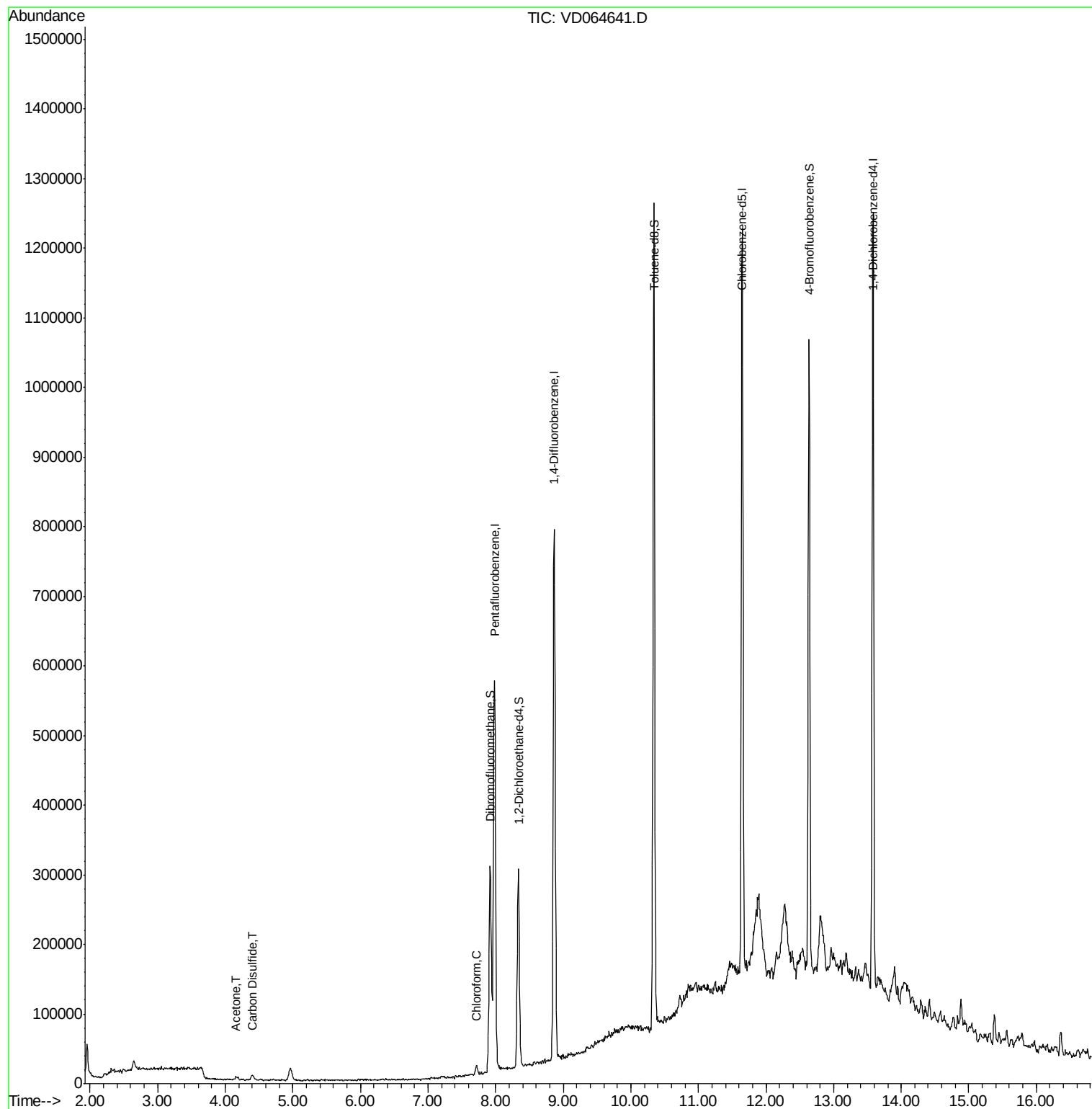
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	456309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	672385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	618430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	313097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	229087	56.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.86%	
35) Dibromofluoromethane	7.92	113	209672	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	10.34	98	804280	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.64	95	270161	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
Target Compounds						
16) Acetone	4.16	43	7270	11.748	ug/l	91
17) Carbon Disulfide	4.40	76	15742	1.213	ug/l	96
30) Chloroform	7.71	83	11766	1.496	ug/l	92

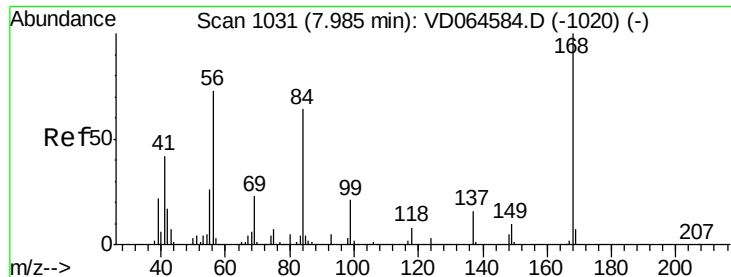
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064641.D

Acq: 27 Dec 2019 13:28

Instrument :

MSVOA_D

ClientSampleId :

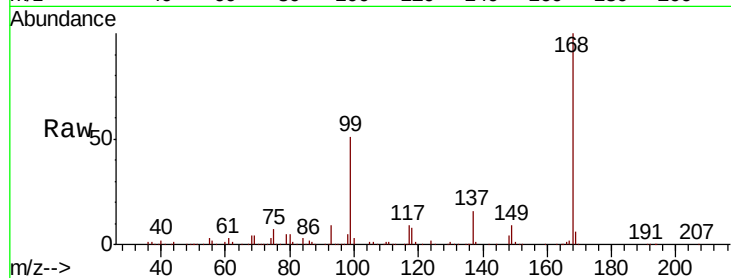
GP-5-(6-8)

Tot Ion:168 Resp: 456309

Ion Ratio Lower Upper

168 100

99 50.6 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

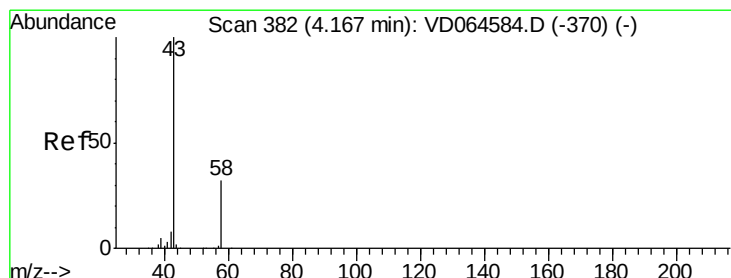
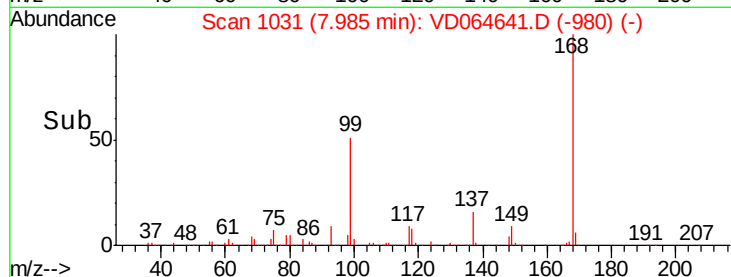
100000

50000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 11.748 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064641.D

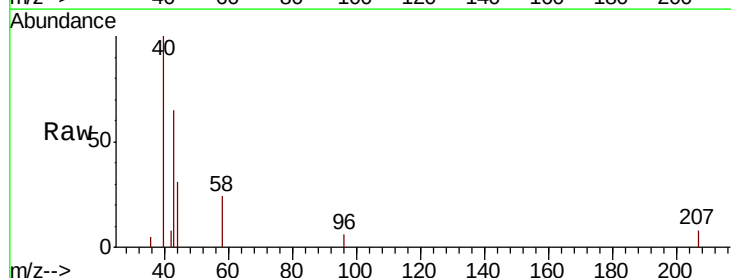
Acq: 27 Dec 2019 13:28

Tgt Ion: 43 Resp: 7270

Ion Ratio Lower Upper

43 100

58 37.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

2500

2000

1500

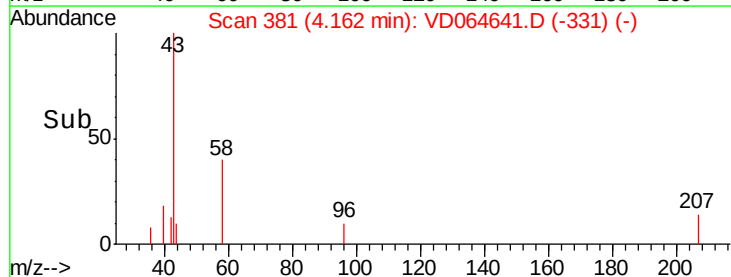
1000

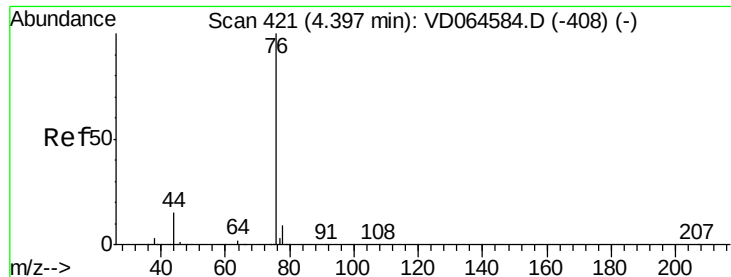
500

0

4.10 4.15 4.20 4.25

Time-->





#17

Carbon Disulfide

Concen: 1.213 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD064641.D

Acq: 27 Dec 2019 13:28

Instrument :

MSVOA_D

ClientSampleId :

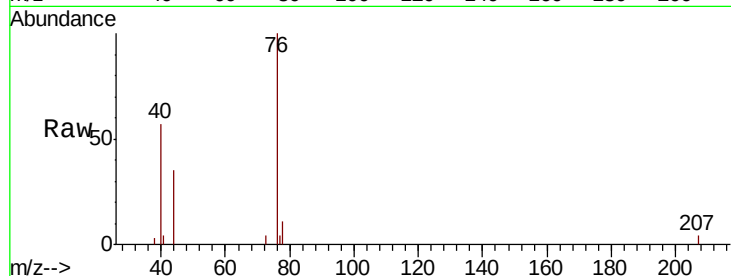
GP-5-(6-8)

Tot Ion: 76 Resp: 15742

Ion Ratio Lower Upper

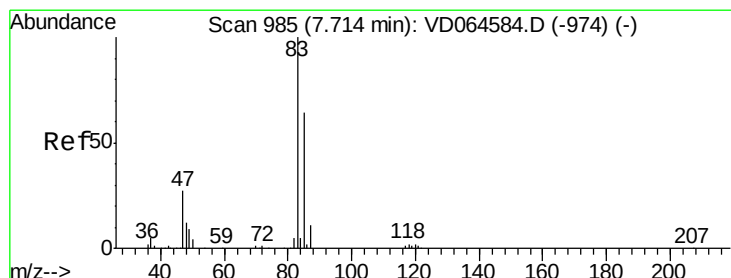
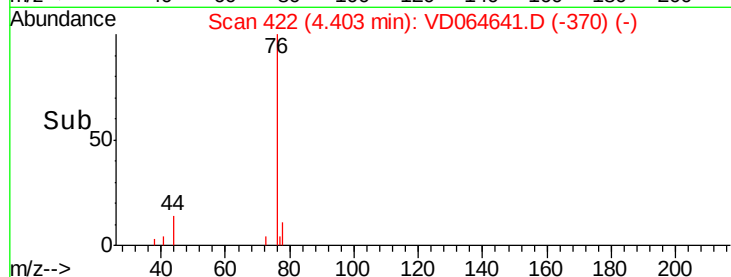
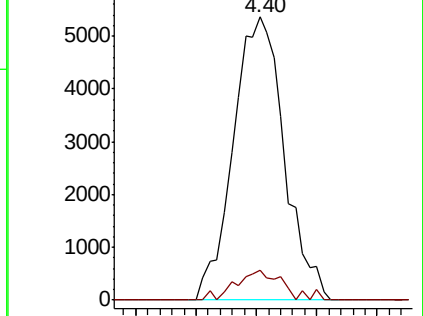
76 100

78 10.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#30

Chloroform

Concen: 1.496 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064641.D

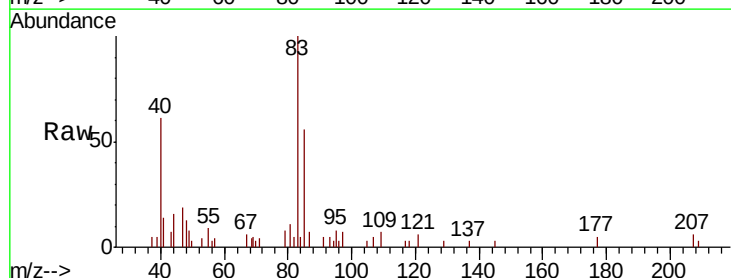
Acq: 27 Dec 2019 13:28

Tgt Ion: 83 Resp: 11766

Ion Ratio Lower Upper

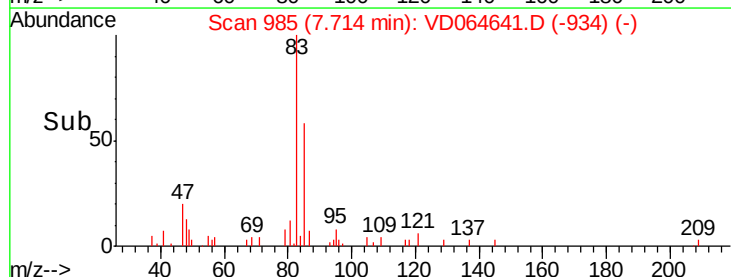
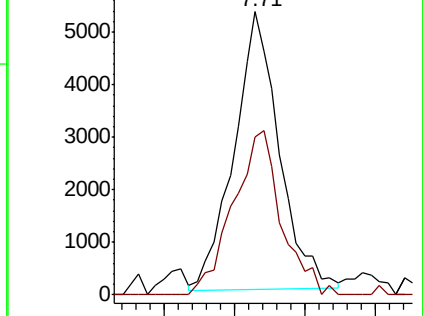
83 100

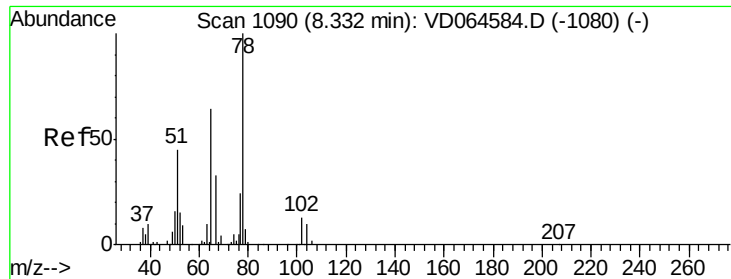
85 57.7 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

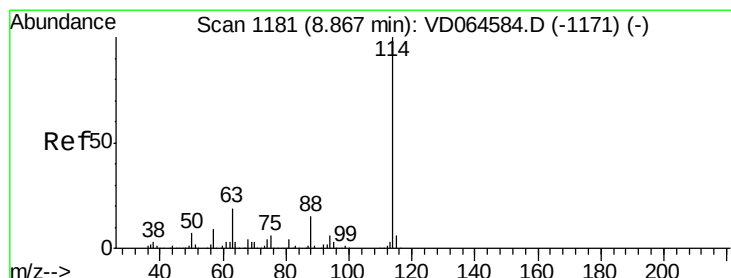
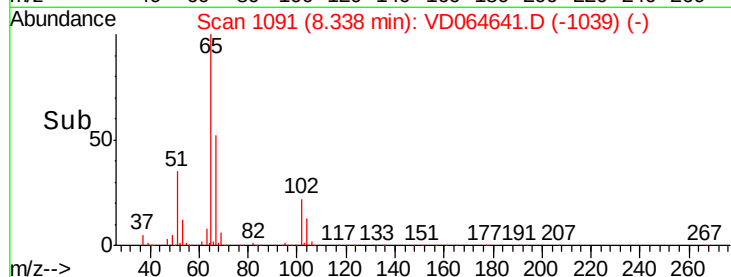
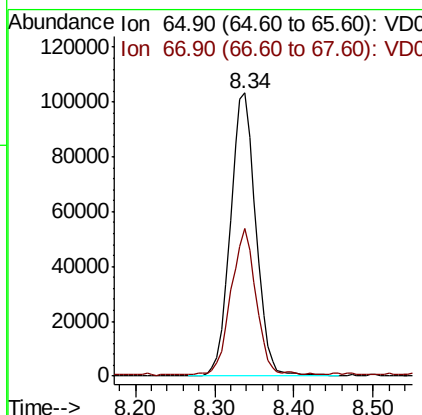
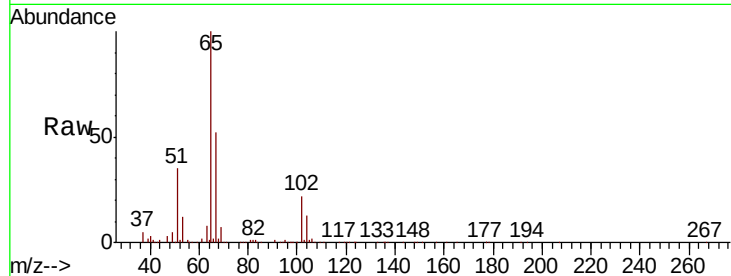




#33
 1,2-Dichloroethane-d4
 Concen: 56.935 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064641.D
 Acq: 27 Dec 2019 13:28

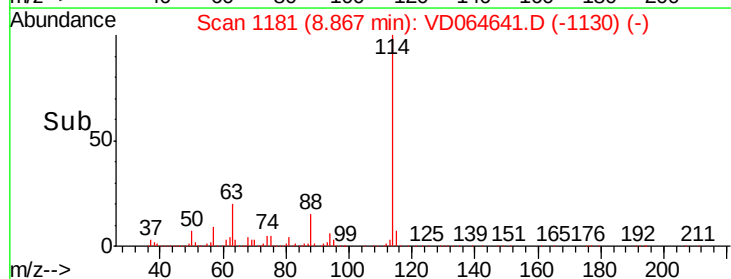
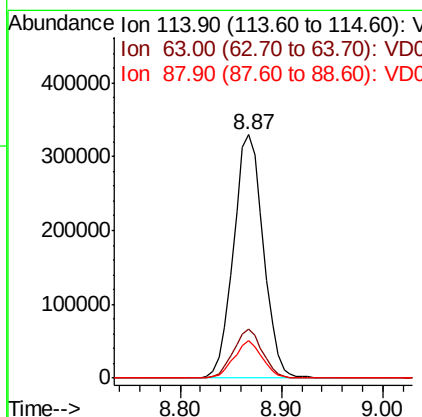
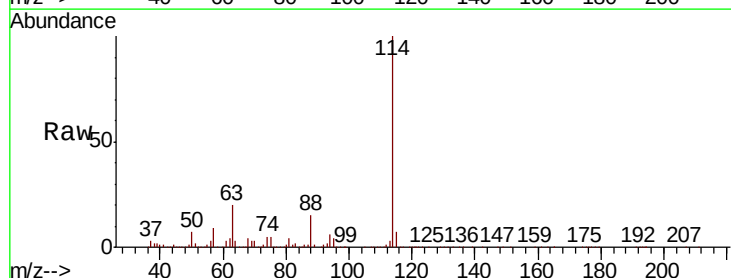
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-5-(6-8)

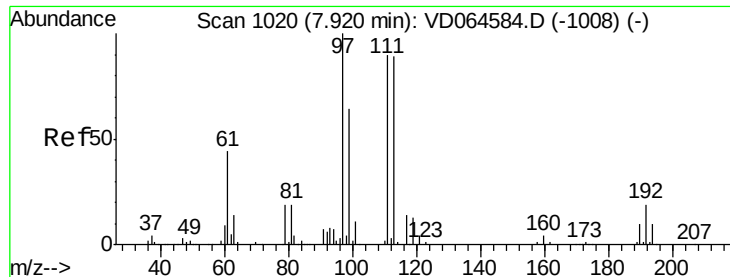
Tot Ion: 65 Resp: 229087
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064641.D
 Acq: 27 Dec 2019 13:28

Tgt Ion: 114 Resp: 672385
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 15.2 0.0 29.2

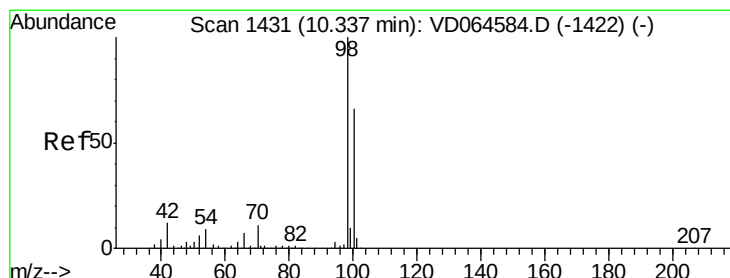
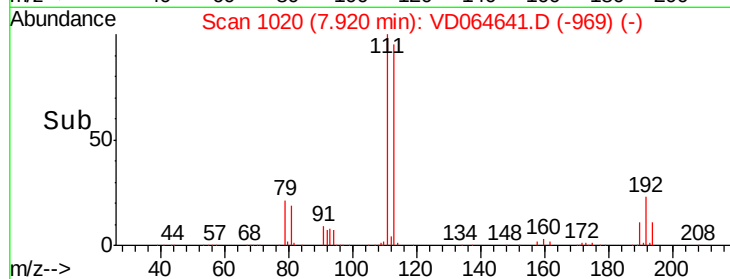
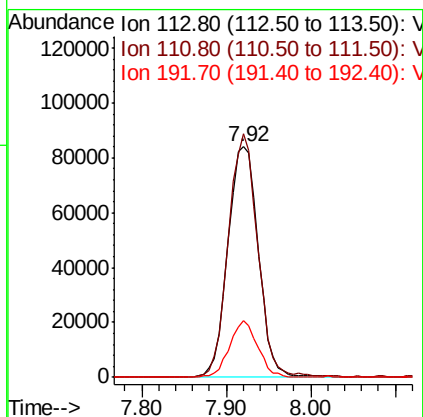
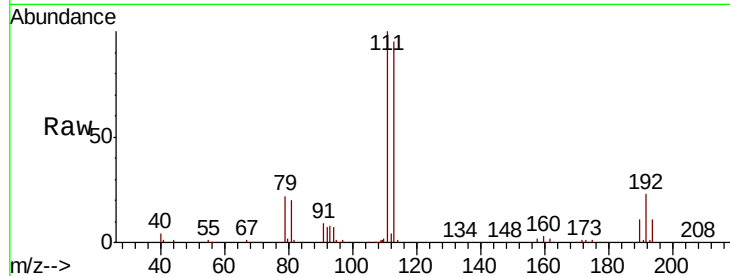




#35
 Dibromofluoromethane
 Concen: 50.827 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064641.D
 Acq: 27 Dec 2019 13:28

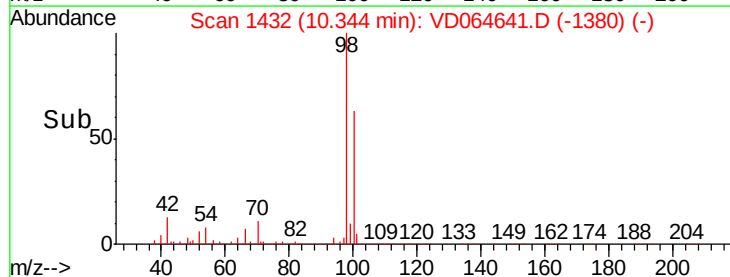
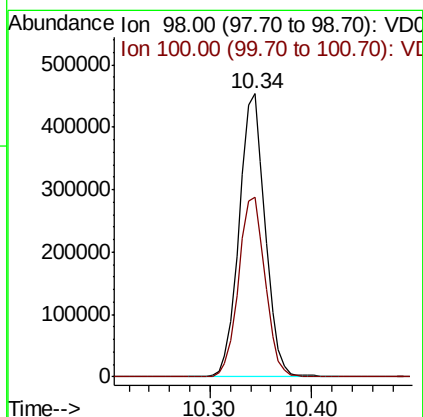
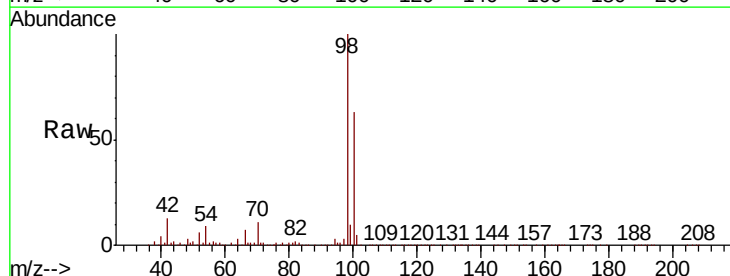
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-5-(6-8)

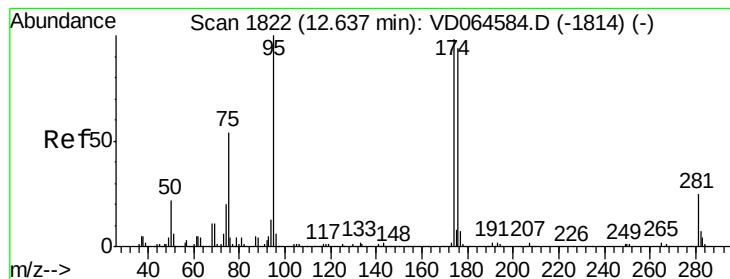
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.6	121.0
192	22.7	17.9	26.9



#50
 Toluene-d8
 Concen: 50.907 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064641.D
 Acq: 27 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 54.077 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064641.D

Acq: 27 Dec 2019 13:28

Instrument :

MSVOA_D

ClientSampleId :

GP-5-(6-8)

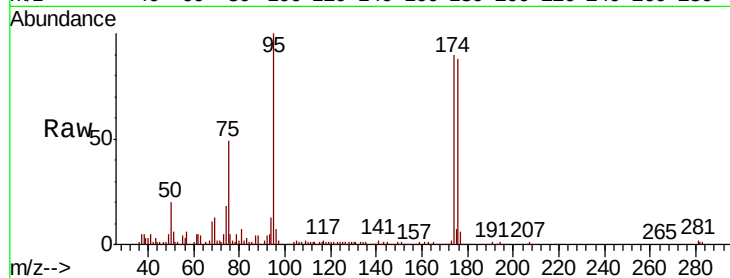
Tot Ion: 95 Resp: 270161

Ion Ratio Lower Upper

95 100

174 99.7 0.0 193.2

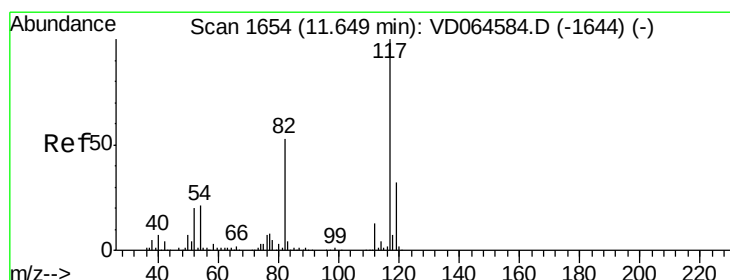
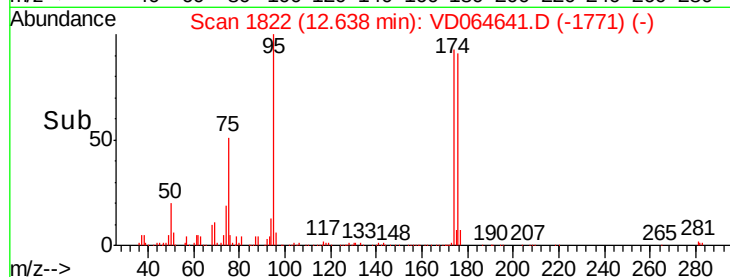
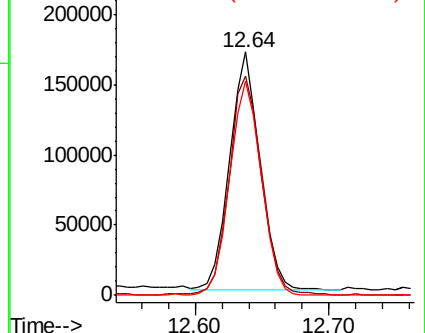
176 93.5 0.0 184.2



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: VD064641.D

Acq: 27 Dec 2019 13:28

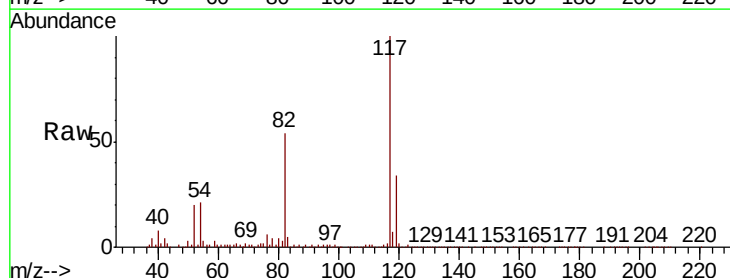
Tgt Ion: 117 Resp: 618430

Ion Ratio Lower Upper

117 100

82 53.6 42.2 63.4

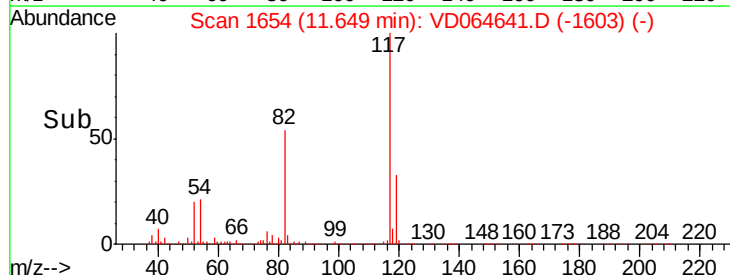
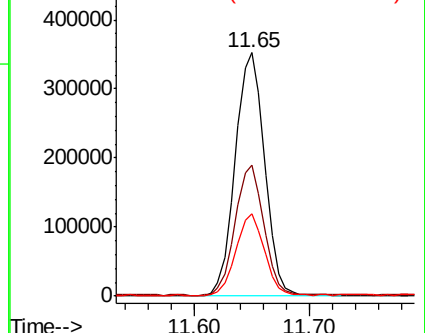
119 33.6 26.0 39.0

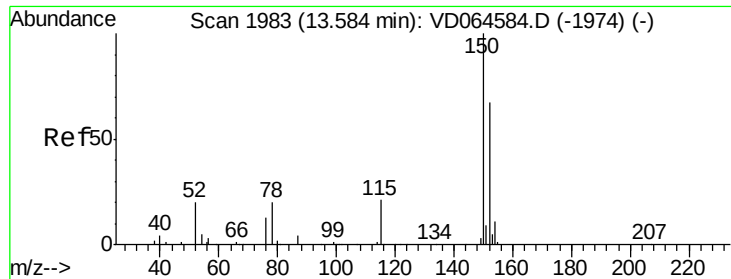


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064641.D

Acq: 27 Dec 2019 13:28

Instrument :

MSVOA_D

ClientSampleId :

GP-5-(6-8)

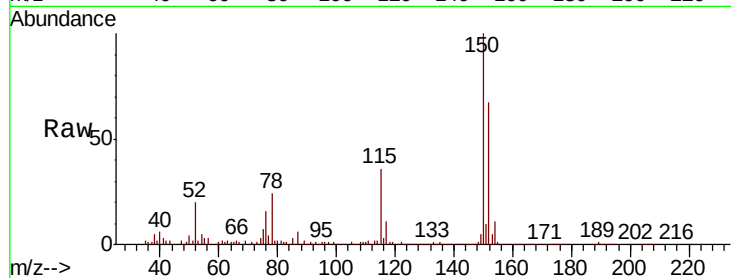
Tot Ion:152 Resp: 313097

Ion Ratio Lower Upper

152 100

115 53.9 27.8 83.4

150 154.1 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

