

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064609.D
 Acq On : 26 Dec 2019 19:56
 Operator : VA/SY
 Sample : K6437-08
 Misc : 6.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Dec 27 04:44:24 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

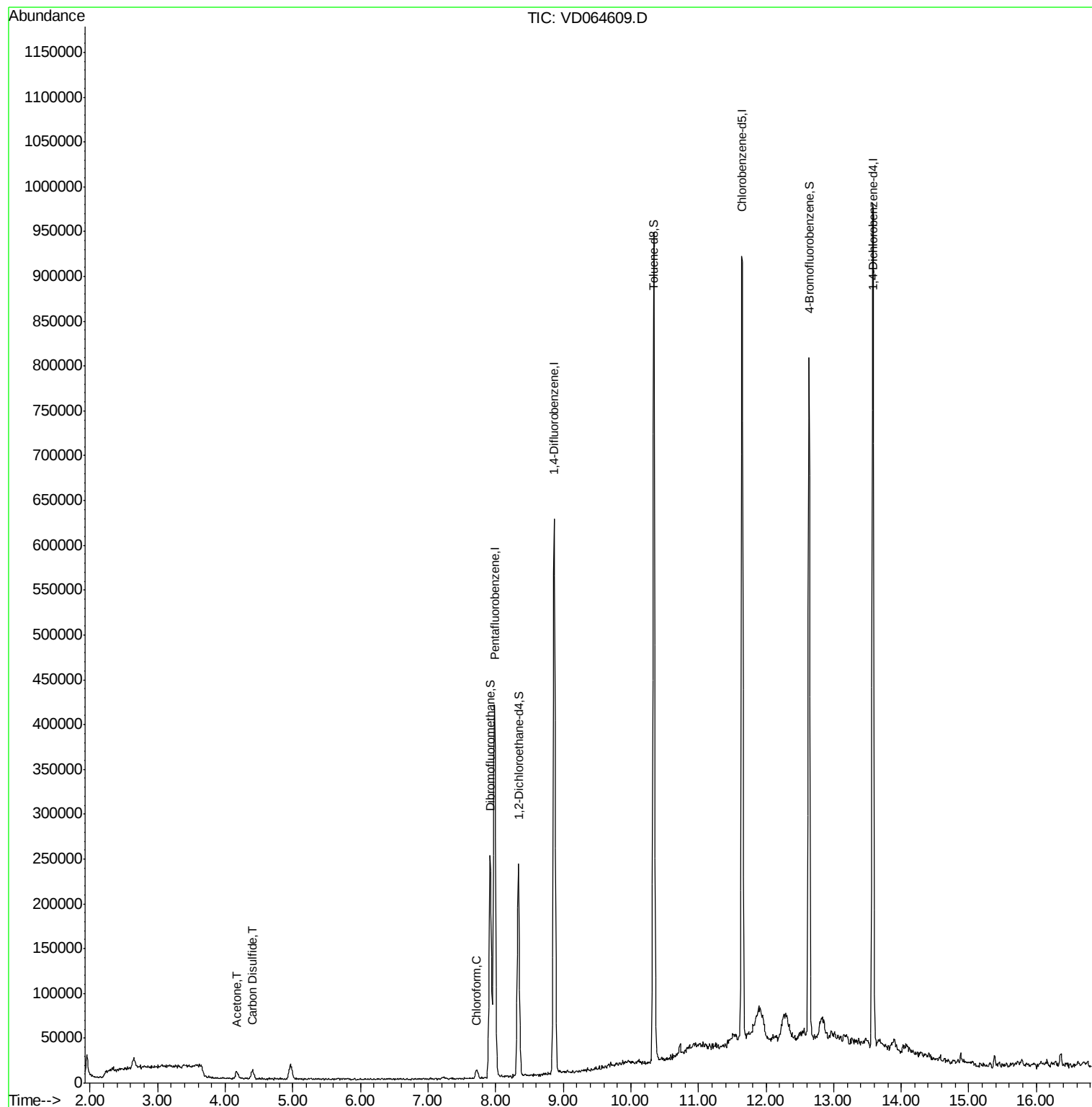
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	335142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	530235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	514138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	260480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	184589	62.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.92%	
35) Dibromofluoromethane	7.92	113	173271	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
50) Toluene-d8	10.34	98	651242	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.64	95	230582	58.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.06%	
Target Compounds						
16) Acetone	4.17	43	13301	23.104	ug/l #	84
17) Carbon Disulfide	4.40	76	19898	2.087	ug/l	99
30) Chloroform	7.71	83	9289	1.608	ug/l #	82

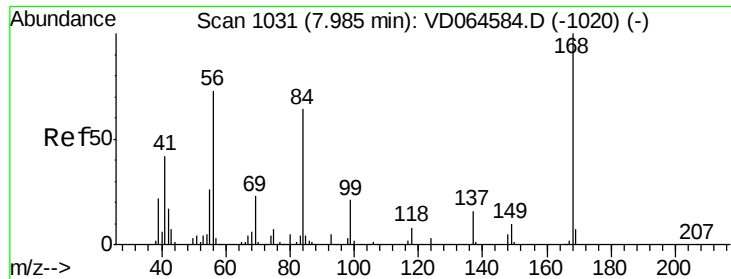
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122619\
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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: VD064609.D

Acq: 26 Dec 2019 19:56

Instrument :

MSVOA_D

ClientSampleId :

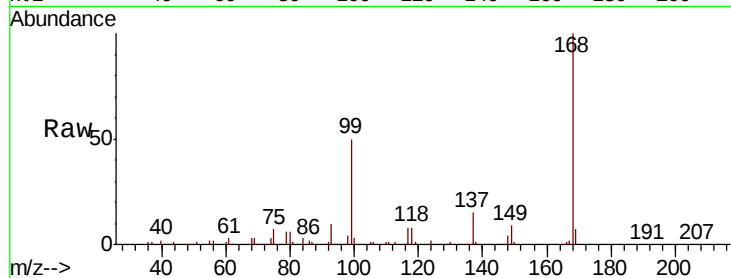
GP-5-(6-8)

Tot Ion:168 Resp: 335142

Ion Ratio Lower Upper

168 100

99 50.2 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

150000

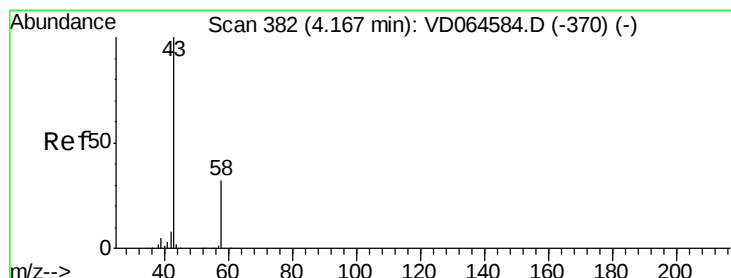
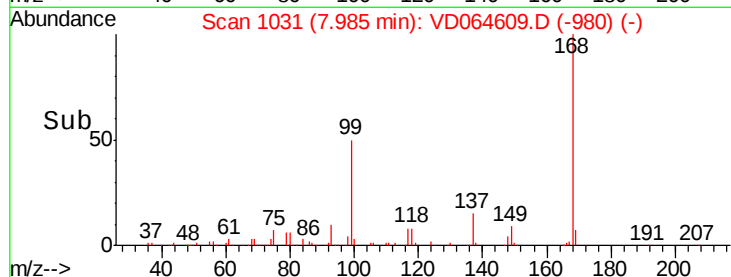
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 23.104 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064609.D

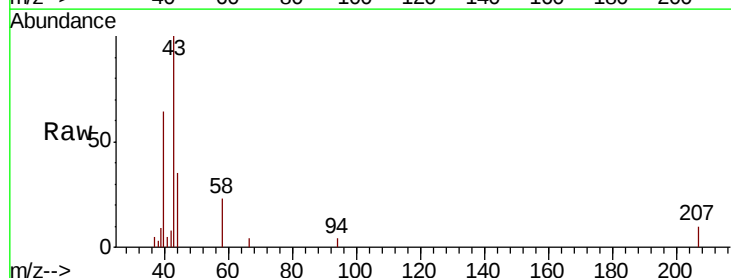
Acq: 26 Dec 2019 19:56

Tgt Ion: 43 Resp: 13301

Ion Ratio Lower Upper

43 100

58 23.4 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

5000

4000

3000

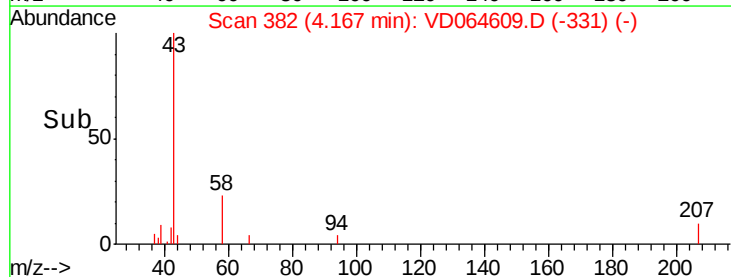
2000

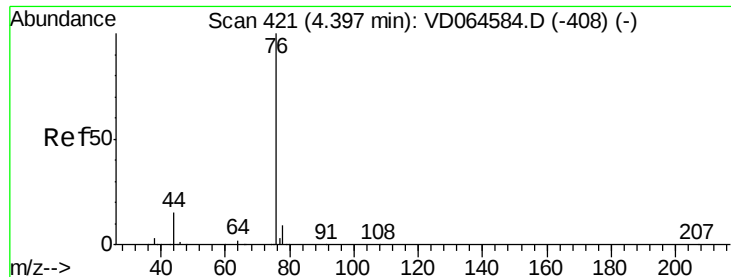
1000

0

Time-->

4.00 4.10 4.20 4.30

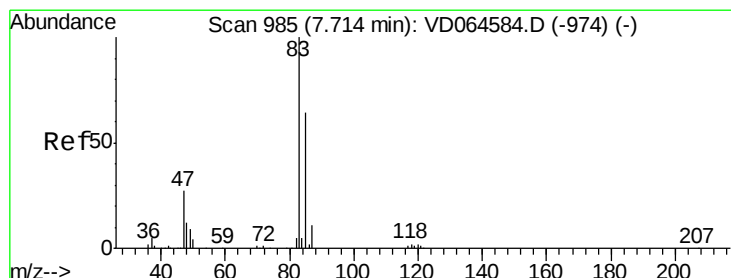
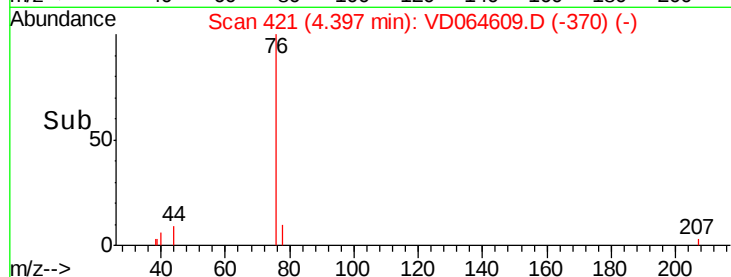
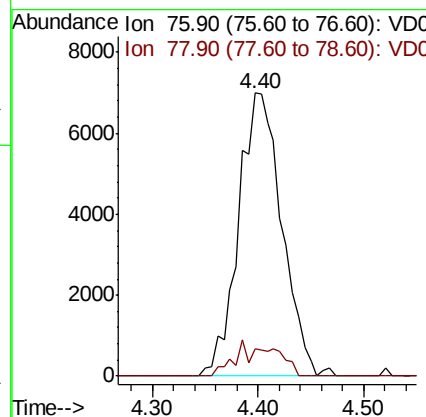
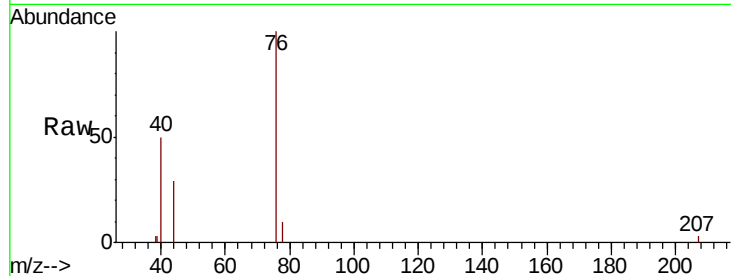




#17
Carbon Disulfide
Concen: 2.087 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD064609.D
Acq: 26 Dec 2019 19:56

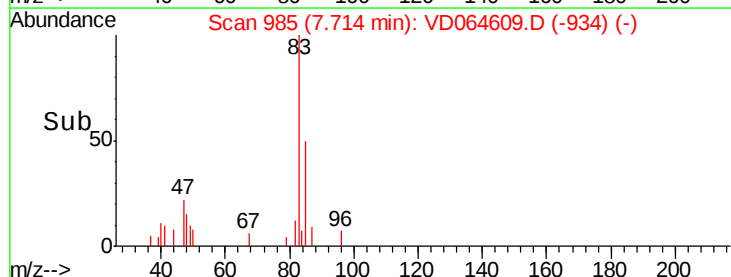
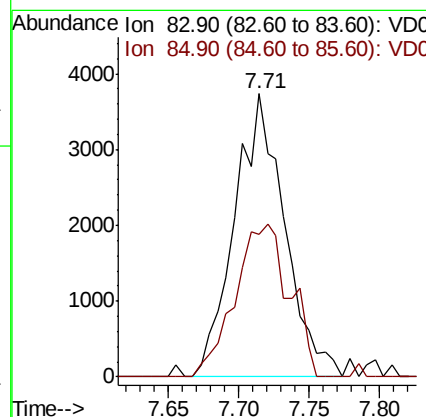
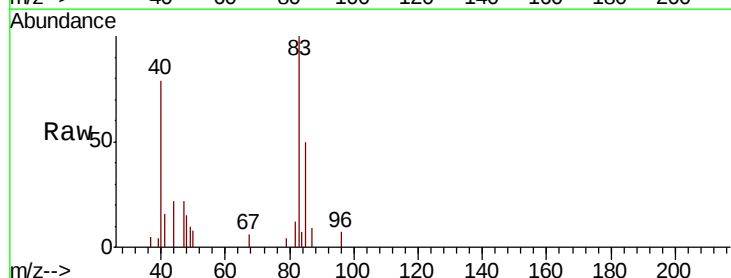
Instrument :
MSVOA_D
ClientSampleId :
GP-5-(6-8)

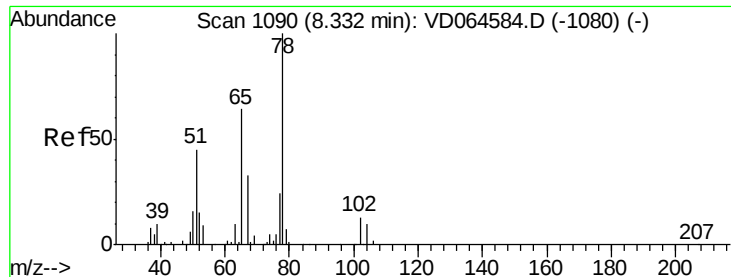
Tot Ion: 76 Resp: 19898
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#30
Chloroform
Concen: 1.608 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064609.D
Acq: 26 Dec 2019 19:56

Tgt Ion: 83 Resp: 9289
Ion Ratio Lower Upper
83 100
85 50.2 51.1 76.7#





#33

1,2-Dichloroethane-d4

Concen: 62.462 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064609.D

Acq: 26 Dec 2019 19:56

Instrument :

MSVOA_D

ClientSampleId :

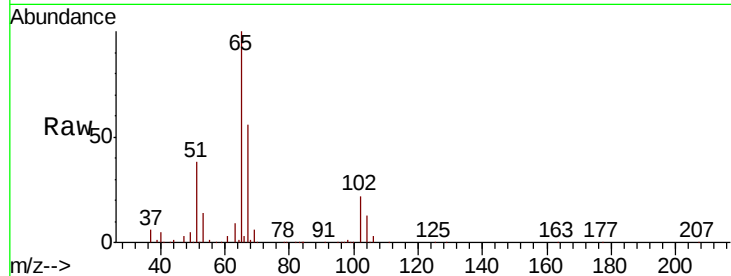
GP-5-(6-8)

Tot Ion: 65 Resp: 184589

Ion Ratio Lower Upper

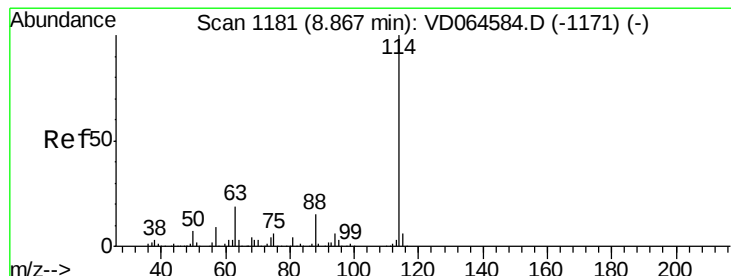
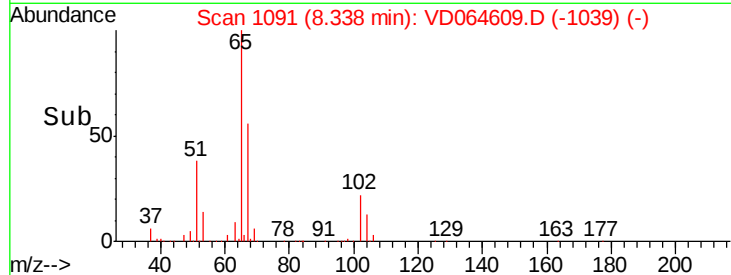
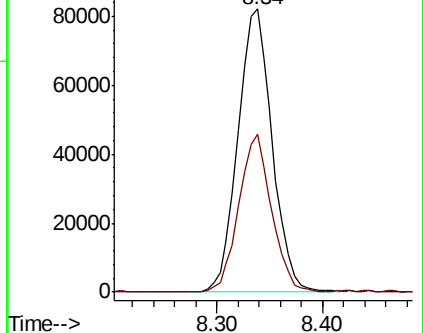
65 100

67 53.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064609.D

Acq: 26 Dec 2019 19:56

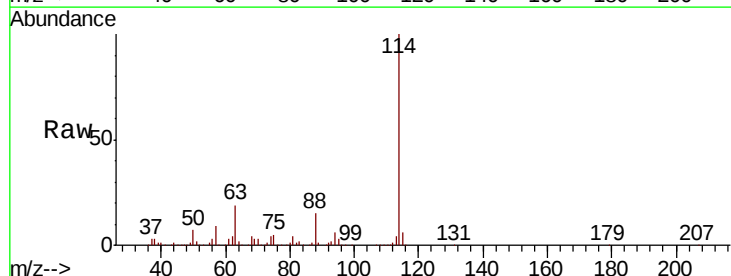
Tgt Ion: 114 Resp: 530235

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.0

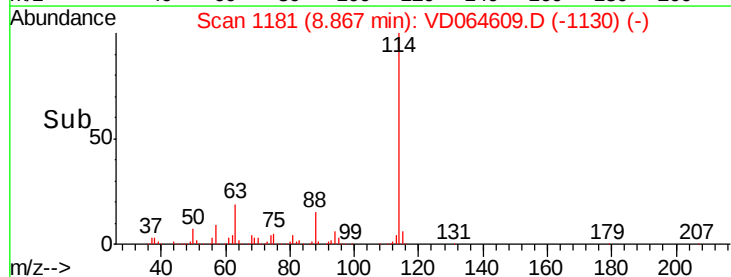
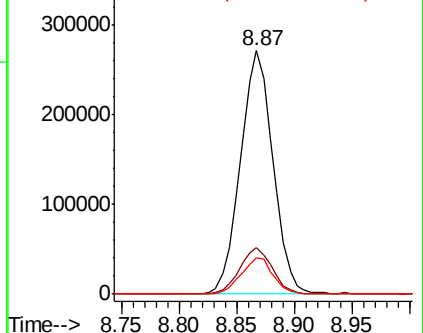
88 14.7 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

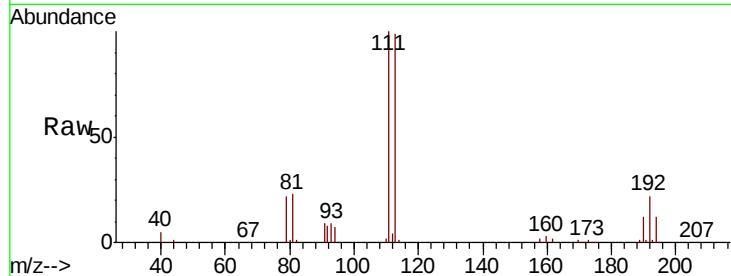




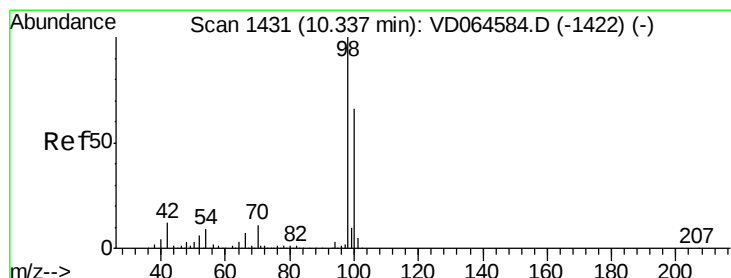
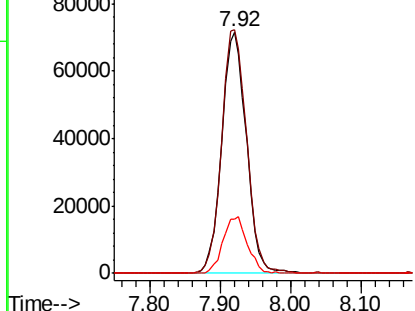
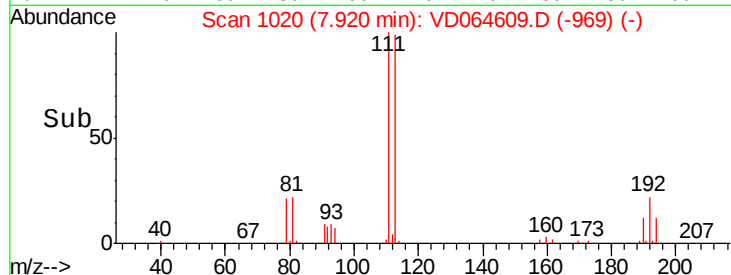
#35
 Dibromofluoromethane
 Concen: 53.264 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064609.D
 Acq: 26 Dec 2019 19:56

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

Tot Ion:113 Resp: 173271
 Ion Ratio Lower Upper
 113 100
 111 102.0 80.6 121.0
 192 23.3 17.9 26.9

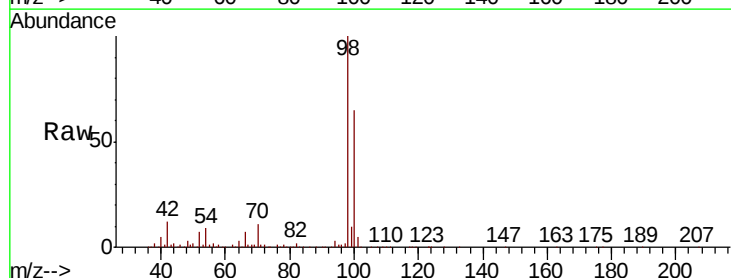


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

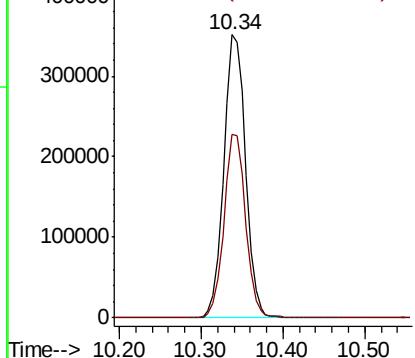
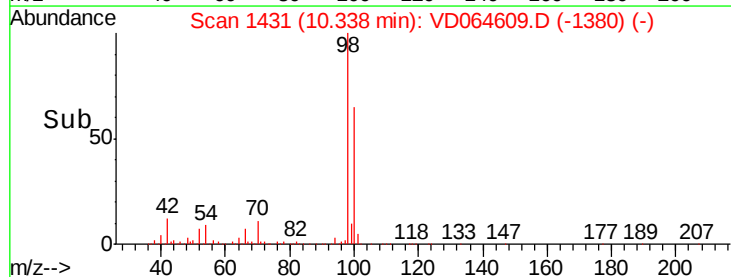


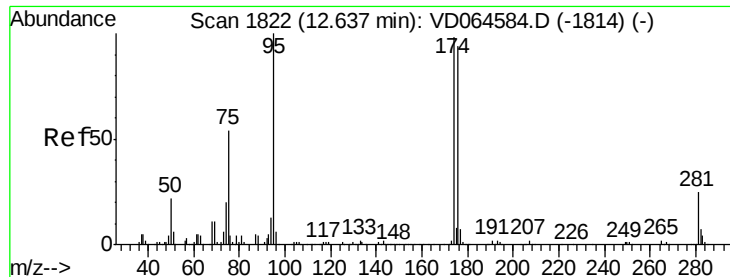
#50
 Toluene-d8
 Concen: 52.271 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD064609.D
 Acq: 26 Dec 2019 19:56

Tgt Ion: 98 Resp: 651242
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VD

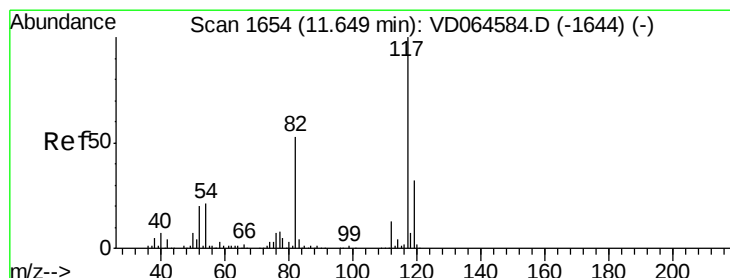
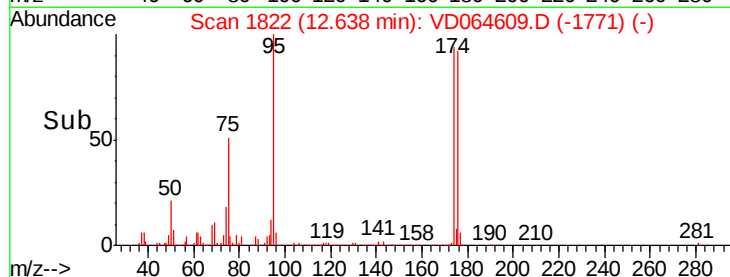
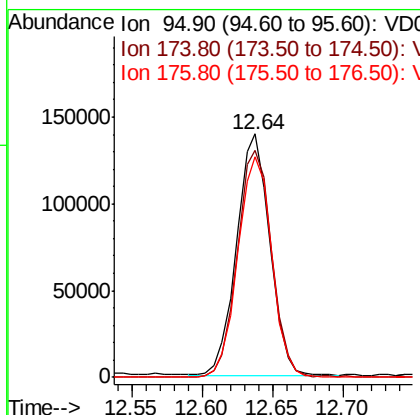
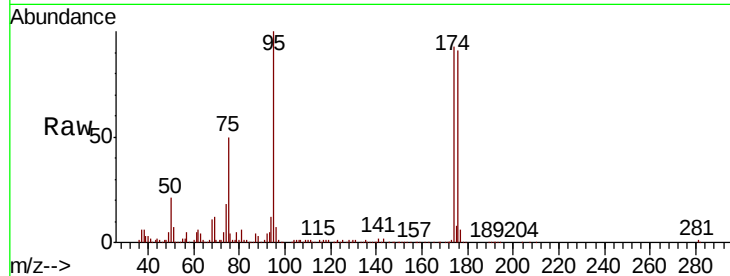




#62
4-Bromofluorobenzene
Concen: 58.529 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064609.D
Acq: 26 Dec 2019 19:56

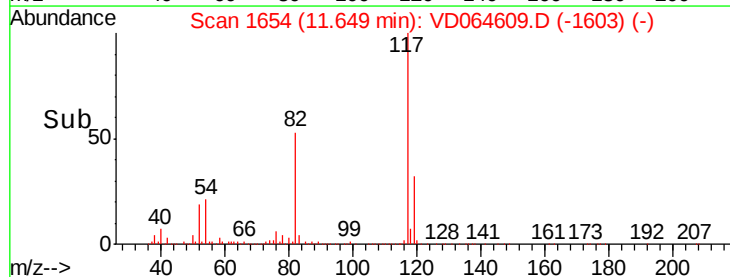
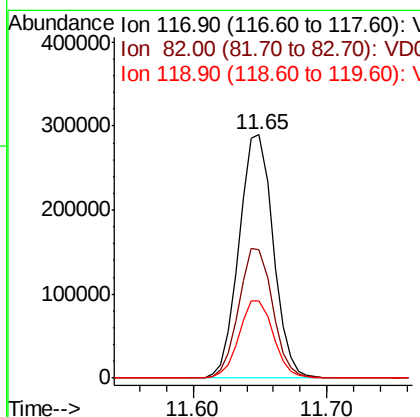
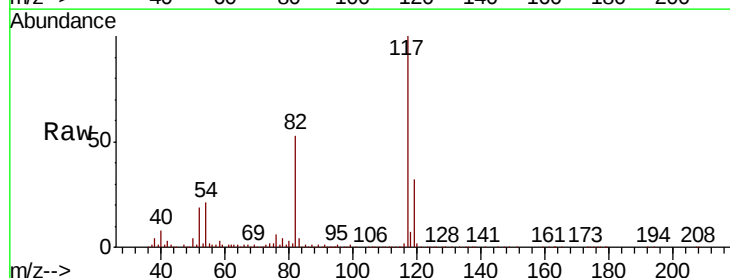
Instrument :
MSVOA_D
ClientSampleId :
GP-5-(6-8)

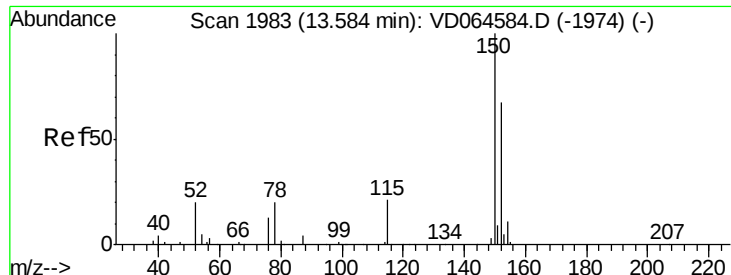
Tot Ion: 95 Resp: 230582
Ion Ratio Lower Upper
95 100
174 97.1 0.0 193.2
176 92.6 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064609.D
Acq: 26 Dec 2019 19:56

Tgt Ion: 117 Resp: 514138
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 31.7 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064609.D

Acq: 26 Dec 2019 19:56

Instrument :

MSVOA_D

ClientSampleId :

GP-5-(6-8)

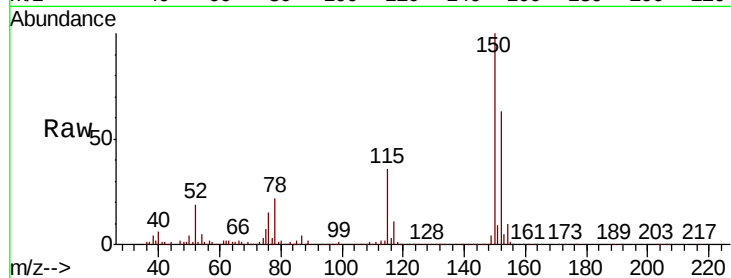
Tot Ion:152 Resp: 260480

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.4

150 158.8 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

