

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064606.D
 Acq On : 26 Dec 2019 18:30
 Operator : VA/SY
 Sample : K6437-05
 Misc : 6.54G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-3-(1-3)

Quant Time: Dec 27 04:24:24 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

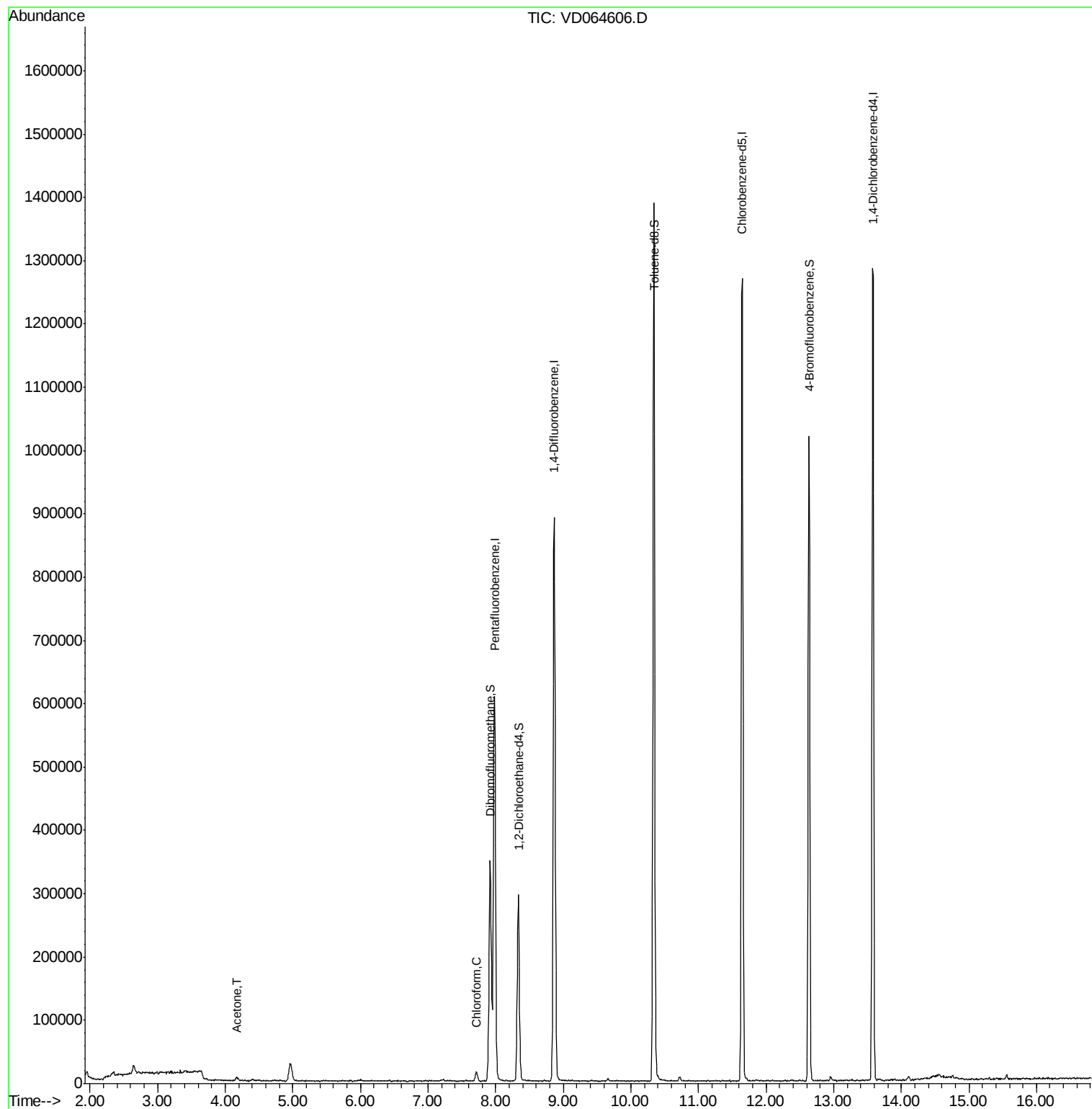
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	493442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	781696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	733060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	357783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	226763	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	7.92	113	238262	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	10.34	98	928999	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.64	95	308939	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
Target Compounds						
16) Acetone	4.17	43	8164	12.039	ug/l	95
30) Chloroform	7.71	83	12973	1.526	ug/l	98

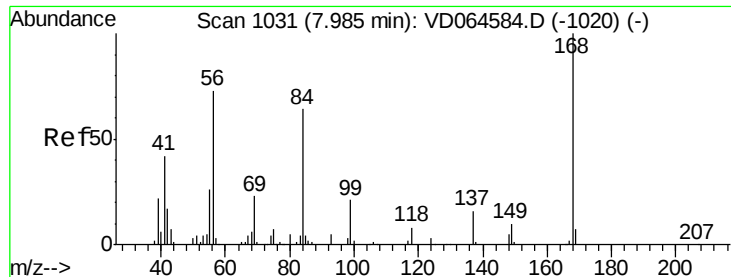
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064606.D

Acq: 26 Dec 2019 18:30

Instrument :

MSVOA_D

ClientSampleId :

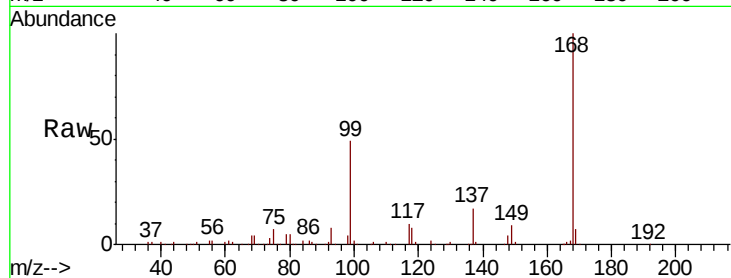
GP-3-(1-3)

Tot Ion:168 Resp: 493442

Ion Ratio Lower Upper

168 100

99 49.3 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

250000

200000

150000

100000

50000

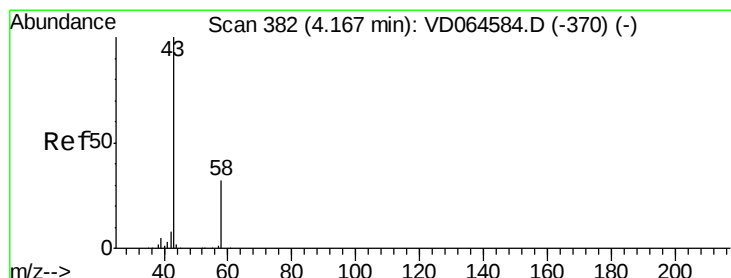
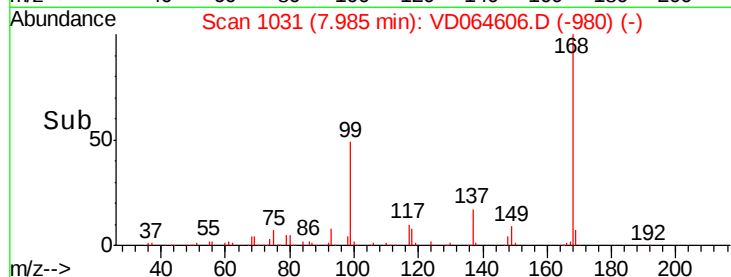
0

Time-->

7.90

8.00

8.10



#16

Acetone

Concen: 12.039 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064606.D

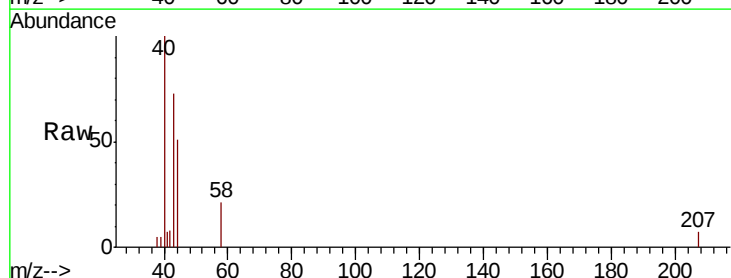
Acq: 26 Dec 2019 18:30

Tgt Ion: 43 Resp: 8164

Ion Ratio Lower Upper

43 100

58 29.5 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

3000

2500

2000

1500

1000

500

0

Time-->

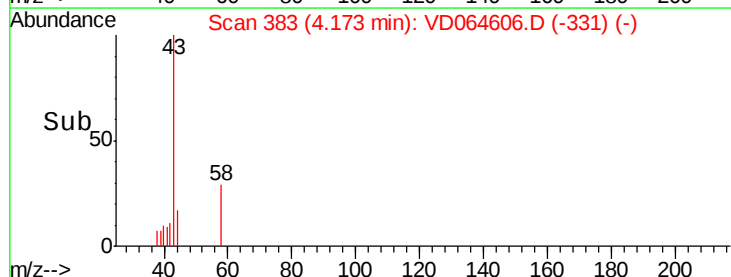
4.05

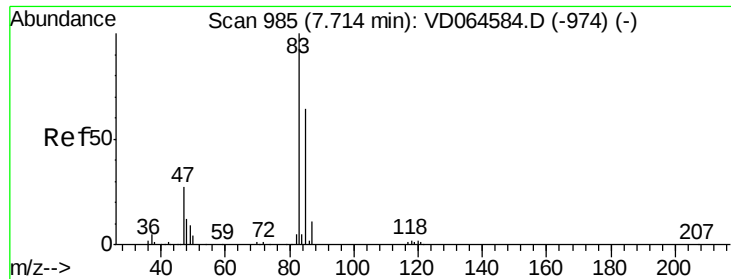
4.10

4.15

4.20

4.25

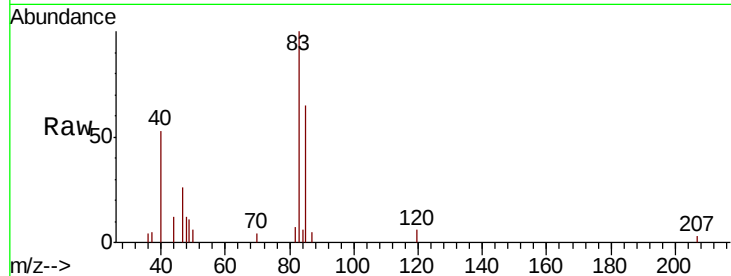




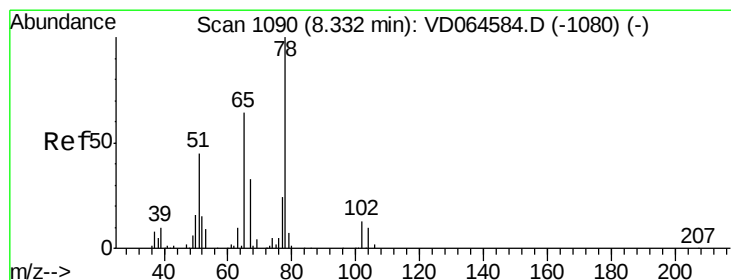
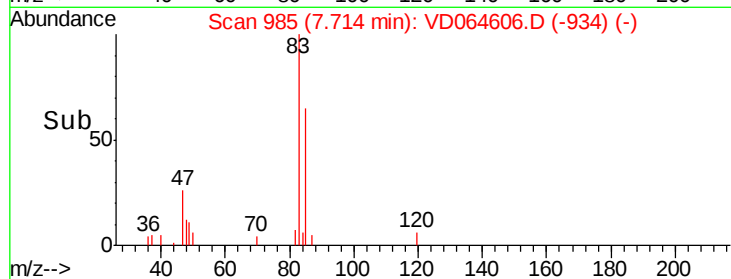
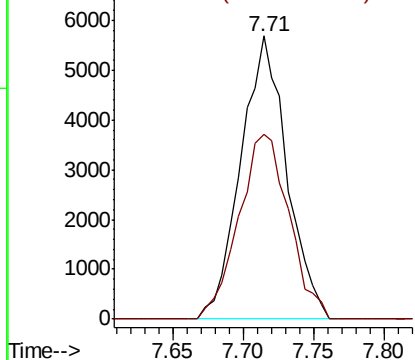
#30
Chloroform
Concen: 1.526 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064606.D
Acq: 26 Dec 2019 18:30

Instrument :
MSVOA_D
ClientSampleId :
GP-3-(1-3)

Tot Ion: 83 Resp: 12973
Ion Ratio Lower Upper
83 100
85 65.1 51.1 76.7

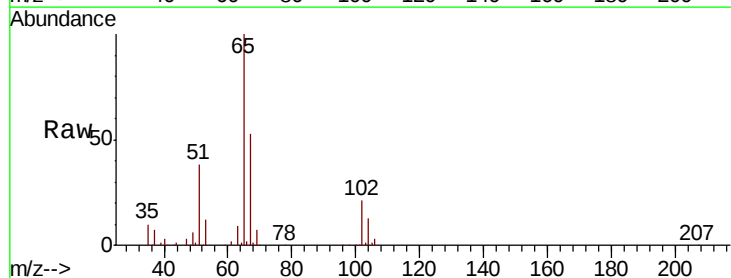


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

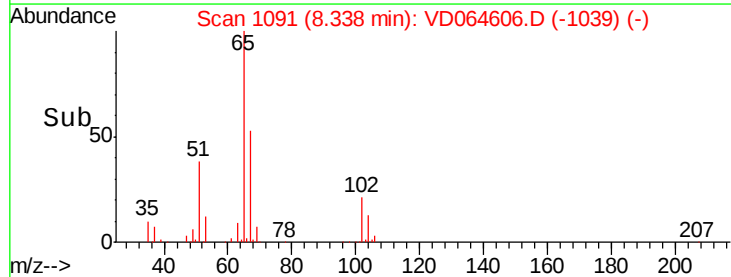
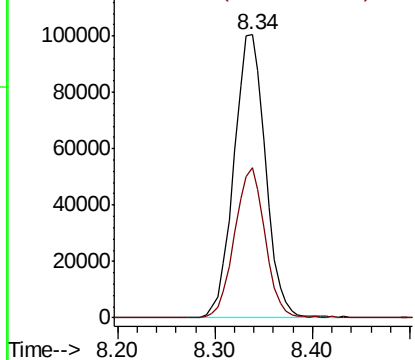


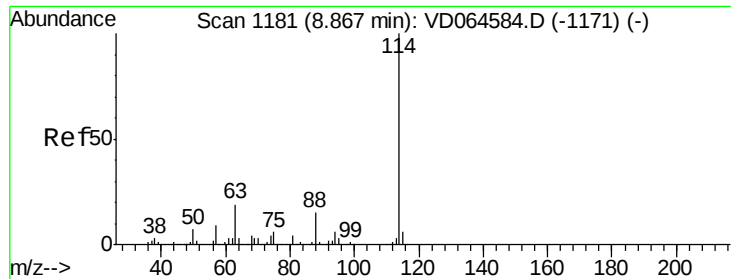
#33
1,2-Dichloroethane-d4
Concen: 52.116 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064606.D
Acq: 26 Dec 2019 18:30

Tgt Ion: 65 Resp: 226763
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

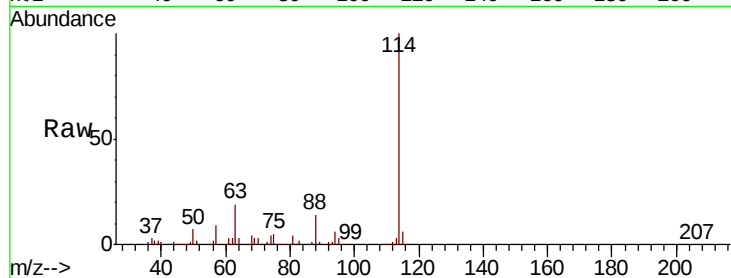




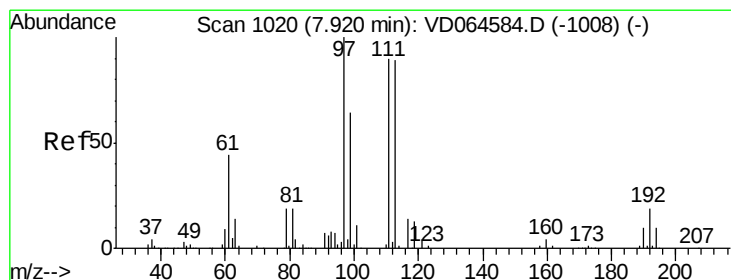
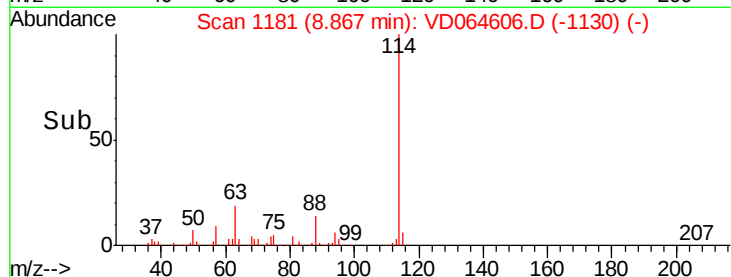
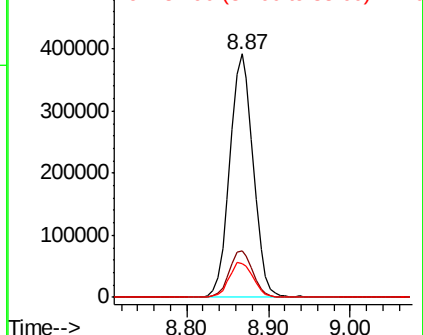
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064606.D
Acq: 26 Dec 2019 18:30

Instrument :
MSVOA_D
ClientSampleId :
GP-3-(1-3)

Tot Ion:114 Resp: 781696
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.0
88 13.8 0.0 29.2

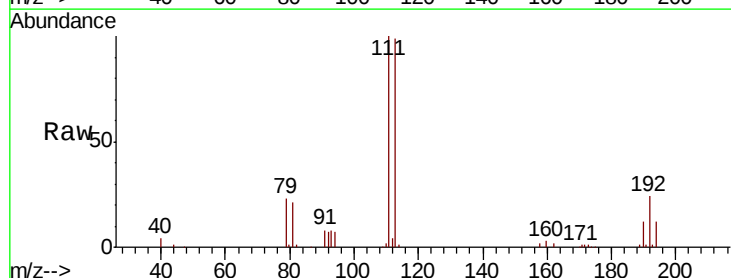


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

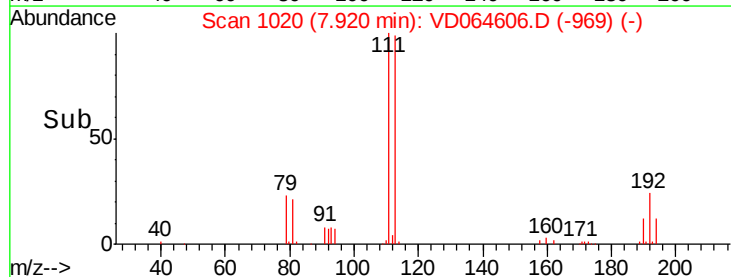
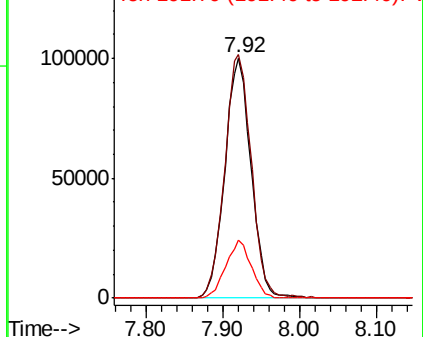


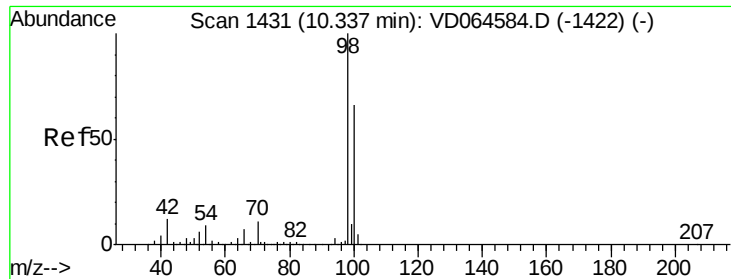
#35
Dibromofluoromethane
Concen: 49.681 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064606.D
Acq: 26 Dec 2019 18:30

Tgt Ion:113 Resp: 238262
Ion Ratio Lower Upper
113 100
111 102.8 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

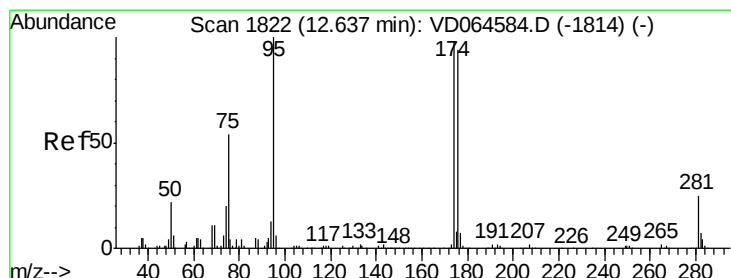
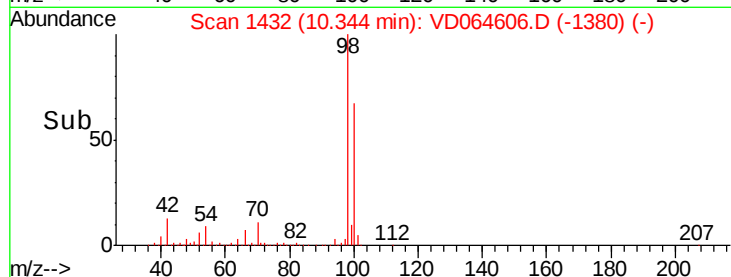
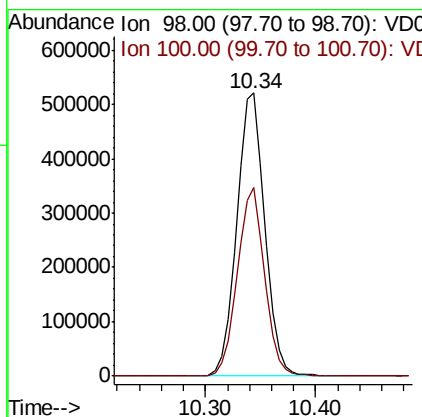
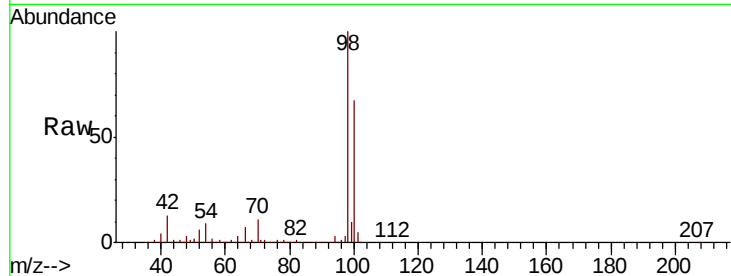




#50
Toluene-d8
Concen: 50.578 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064606.D
Acq: 26 Dec 2019 18:30

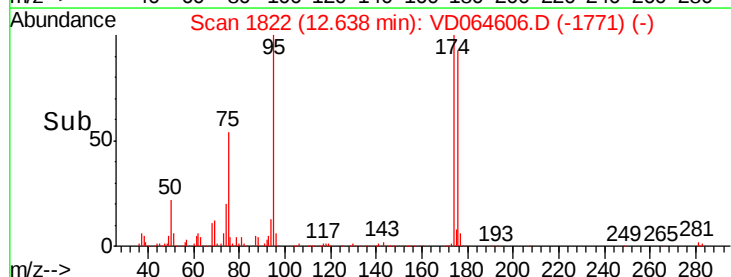
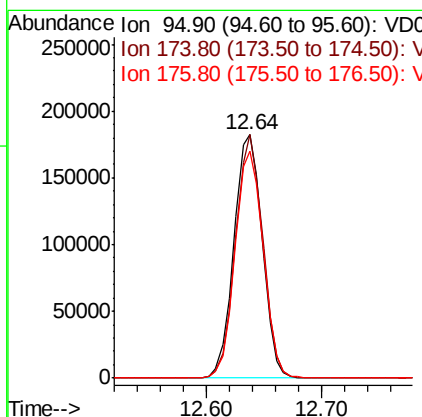
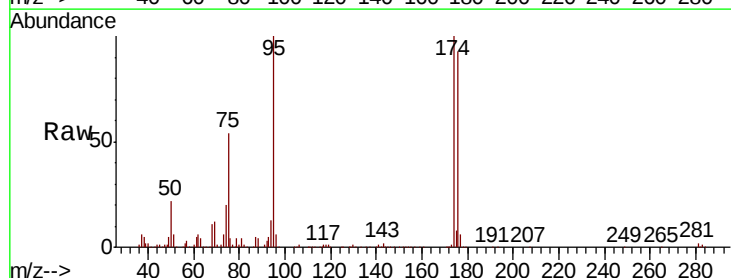
Instrument :
MSVOA_D
ClientSampleID :
GP-3-(1-3)

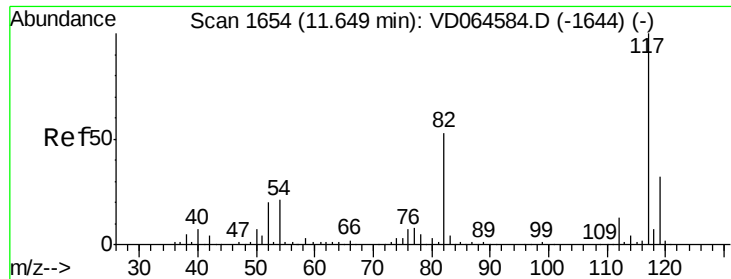
Tot Ion: 98 Resp: 928999
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.192 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064606.D
Acq: 26 Dec 2019 18:30

Tgt Ion: 95 Resp: 308939
Ion Ratio Lower Upper
95 100
174 96.5 0.0 193.2
176 92.7 0.0 184.2

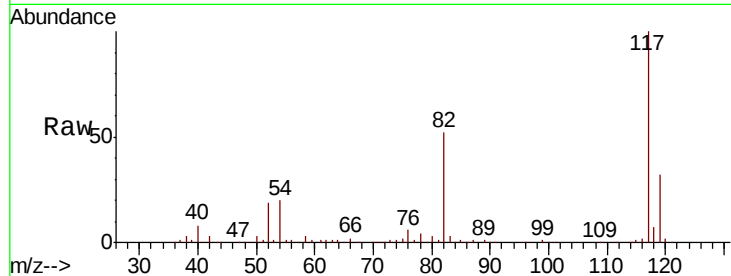




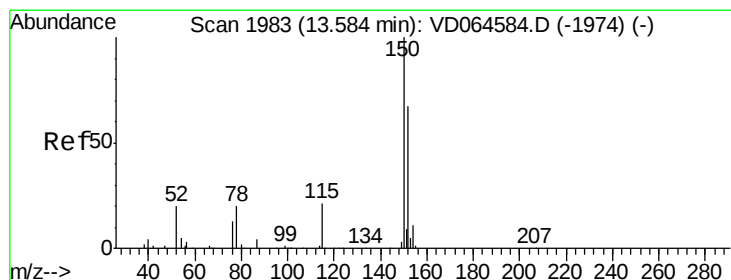
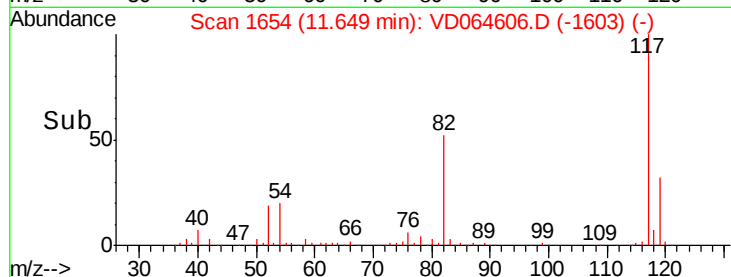
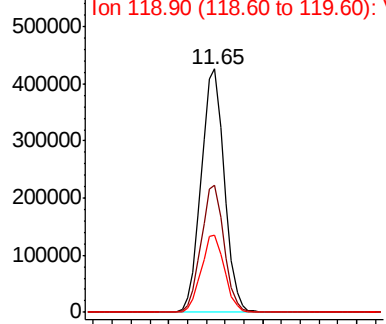
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064606.D
Acq: 26 Dec 2019 18:30

Instrument :
MSVOA_D
ClientSampled :
GP-3-(1-3)

Tot Ion:117 Resp: 733060
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.4
119 31.8 26.0 39.0

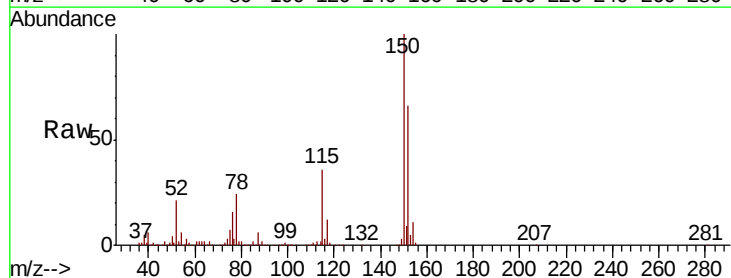


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064606.D
Acq: 26 Dec 2019 18:30

Tgt Ion:152 Resp: 357783
Ion Ratio Lower Upper
152 100
115 54.4 27.8 83.4
150 155.5 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

