

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064758.D
 Acq On : 04 Jan 2020 04:00
 Operator : VA/SY
 Sample : K6463-05RE
 Misc : 5.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-5C-(5-6)RE

Quant Time: Jan 06 08:07:07 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

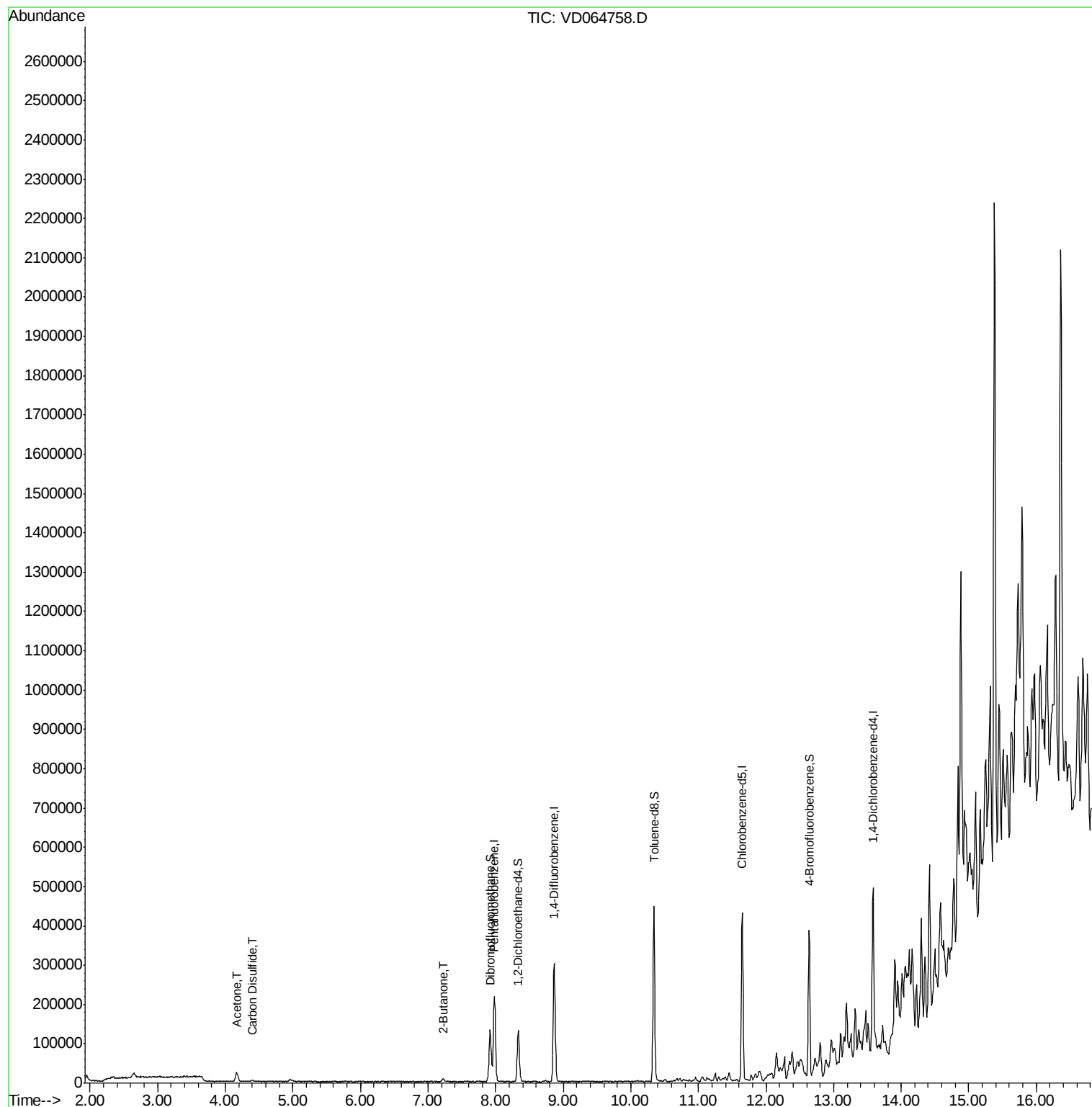
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	162957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	255884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	239103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	116098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	104766	72.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	145.82%	
35) Dibromofluoromethane	7.92	113	85798	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
50) Toluene-d8	10.34	98	296540	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.64	95	104376	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.80%	
Target Compounds						
16) Acetone	4.17	43	39337	124.612	ug/l	Qvalue 100
17) Carbon Disulfide	4.40	76	7014	1.513	ug/l #	69
25) 2-Butanone	7.22	43	10006	25.333	ug/l	100

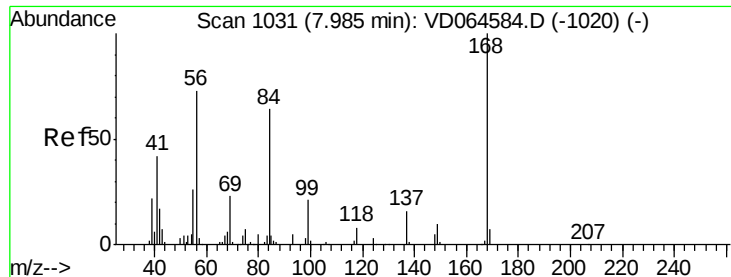
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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# 1030

Delta R.T. -0.01 min

Lab File: VD064758.D

Acq: 04 Jan 2020 04:00

Instrument :

MSVOA_D

ClientSampleId :

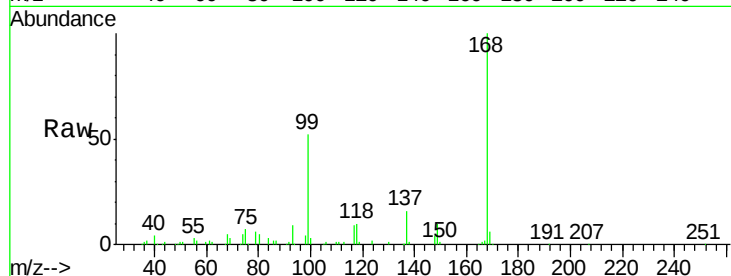
GP-5C-(5-6)RE

Tgt Ion:168 Resp: 162957

Ion Ratio Lower Upper

168 100

99 52.4 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

80000

60000

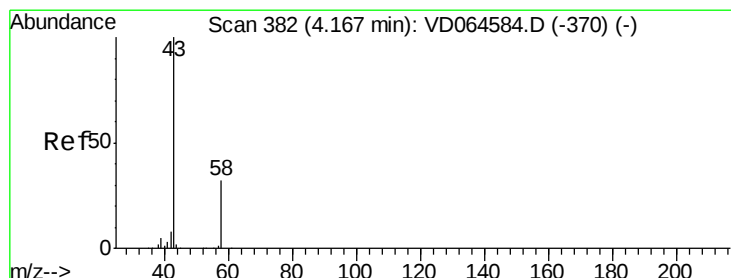
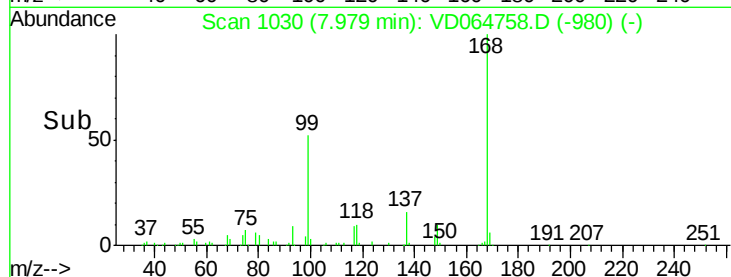
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 124.612 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064758.D

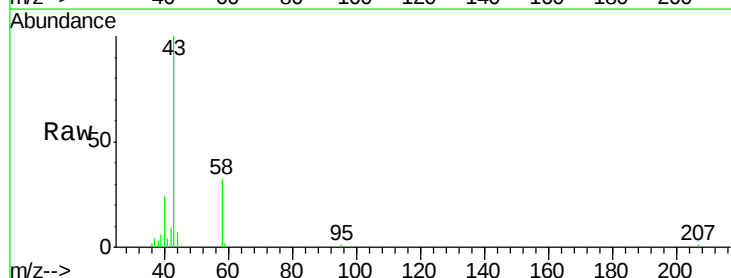
Acq: 04 Jan 2020 04:00

Tgt Ion: 43 Resp: 39337

Ion Ratio Lower Upper

43 100

58 32.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

15000

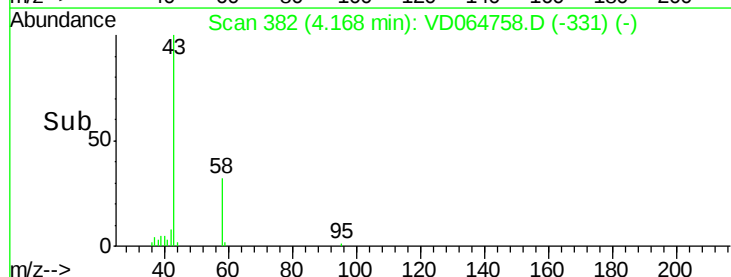
10000

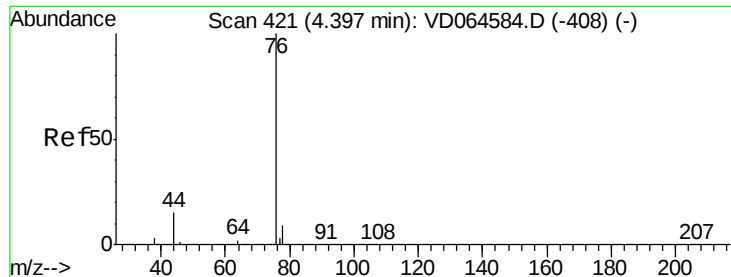
5000

0

4.10 4.20 4.30

Time-->





#17

Carbon Disulfide

Concen: 1.513 ug/l

RT: 4.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: VD064758.D

Acq: 04 Jan 2020 04:00

Instrument :

MSVOA_D

ClientSampleId :

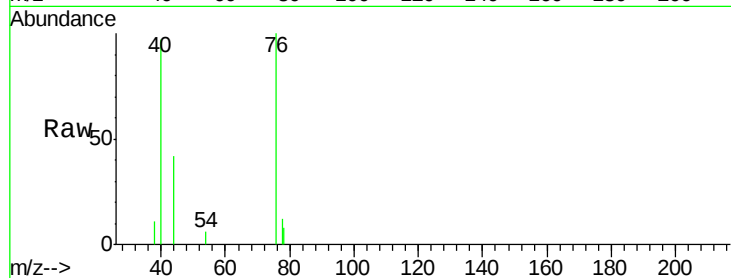
GP-5C-(5-6)RE

Tgt Ion: 76 Resp: 7014

Ion Ratio Lower Upper

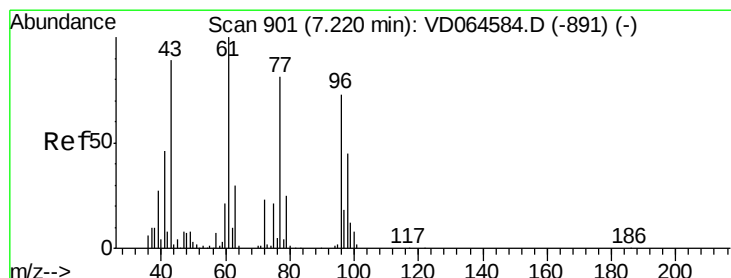
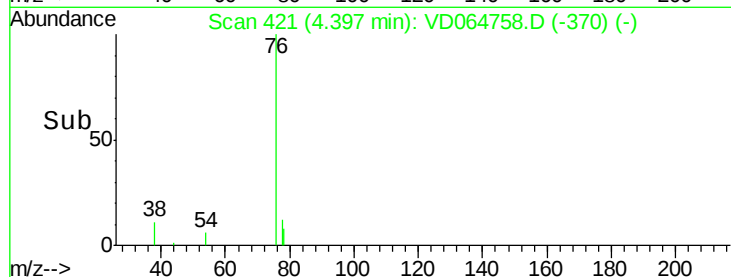
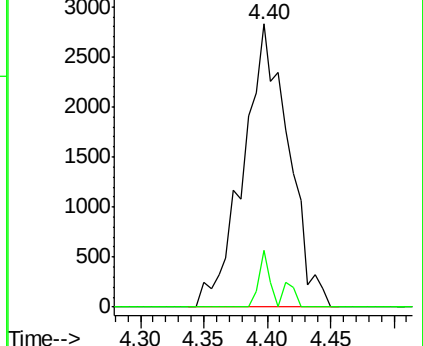
76 100

78 20.2 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#25

2-Butanone

Concen: 25.333 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064758.D

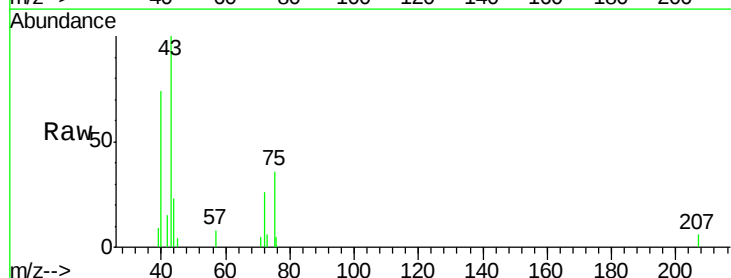
Acq: 04 Jan 2020 04:00

Tgt Ion: 43 Resp: 10006

Ion Ratio Lower Upper

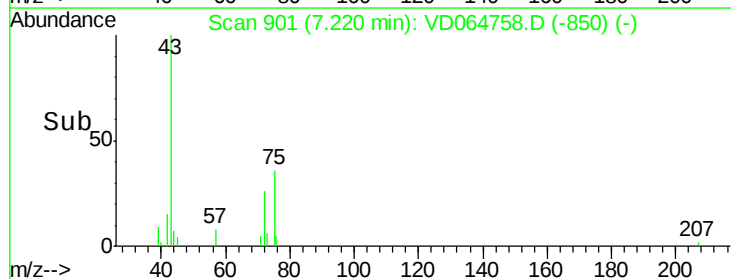
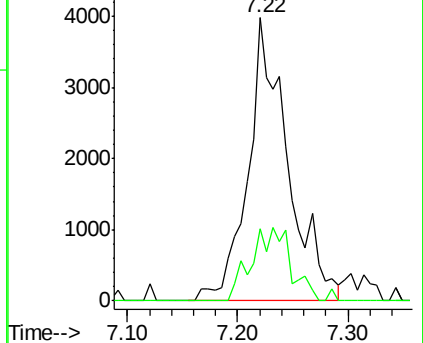
43 100

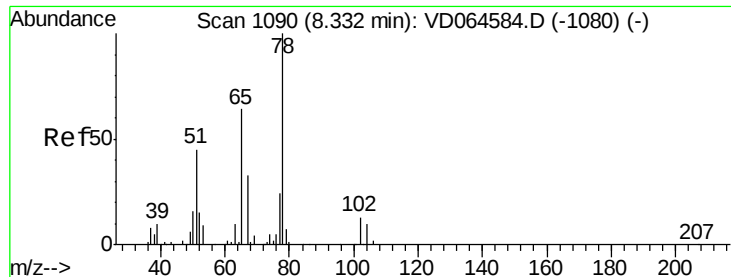
72 25.7 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 72.909 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064758.D

Acq: 04 Jan 2020 04:00

Instrument :

MSVOA_D

ClientSampleId :

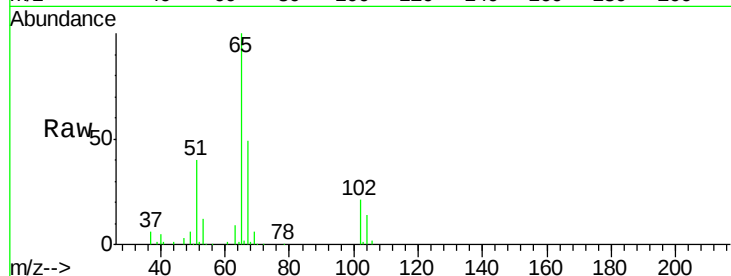
GP-5C-(5-6)RE

Tgt Ion: 65 Resp: 104766

Ion Ratio Lower Upper

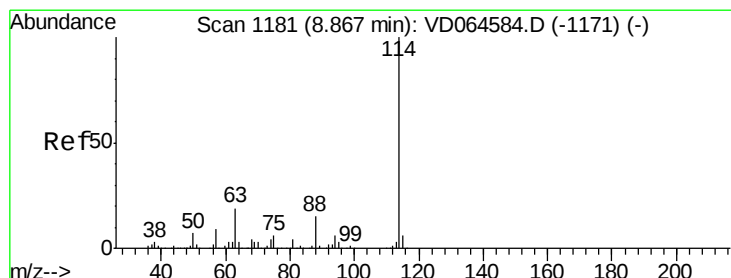
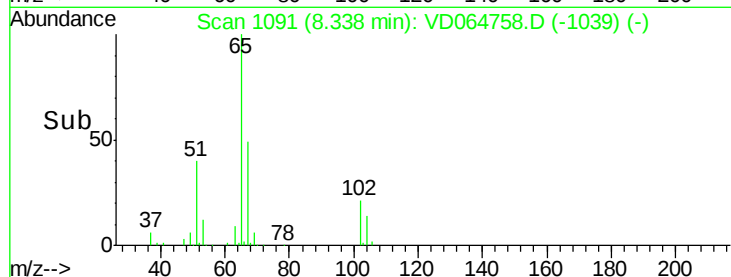
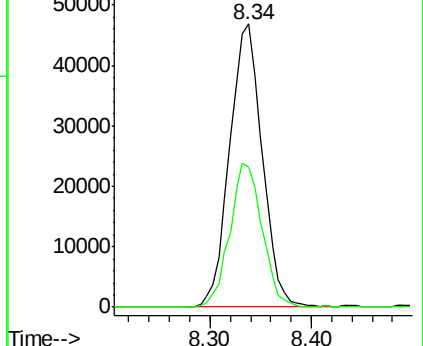
65 100

67 50.2 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: VD064758.D

Acq: 04 Jan 2020 04:00

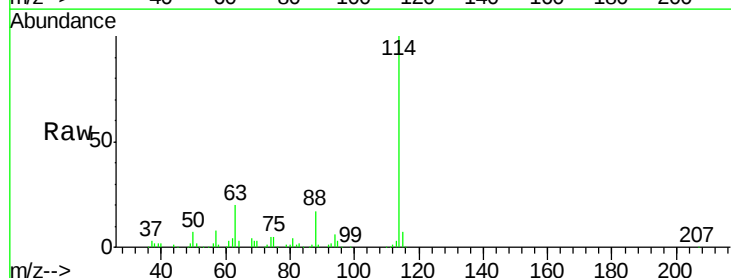
Tgt Ion: 114 Resp: 255884

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.0

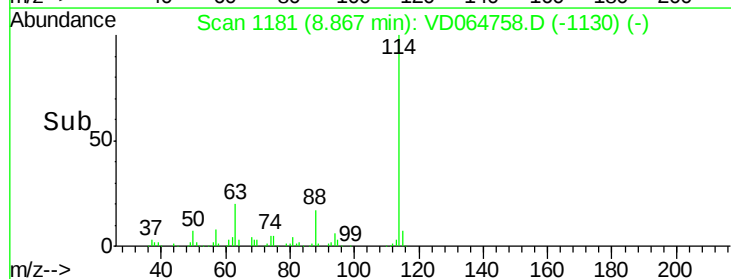
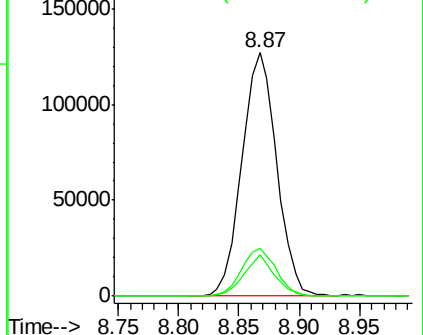
88 16.8 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

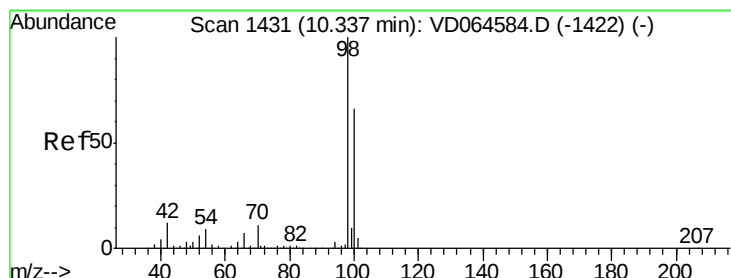
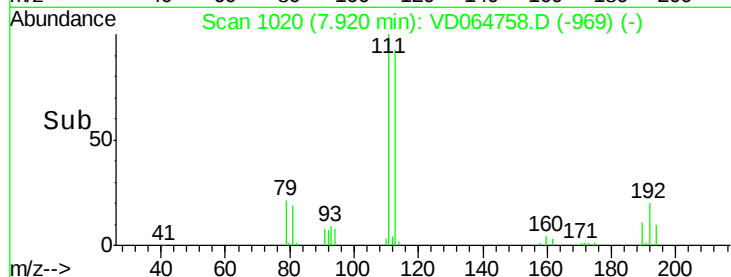
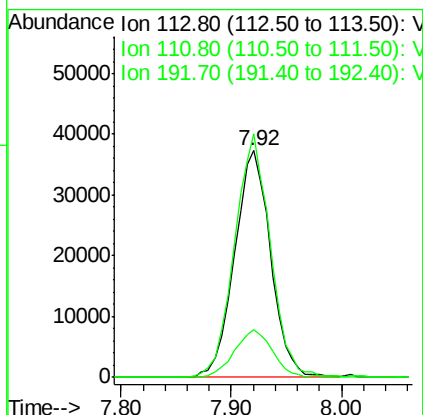
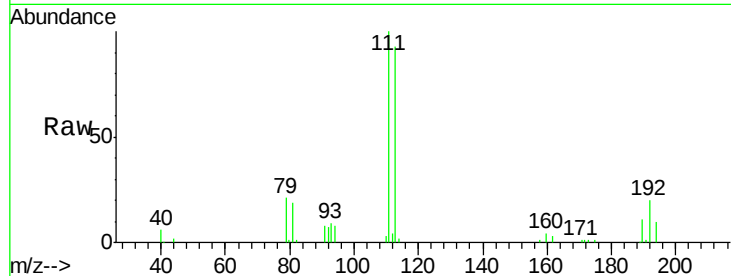




#35
Dibromofluoromethane
Concen: 54.652 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064758.D
Acq: 04 Jan 2020 04:00

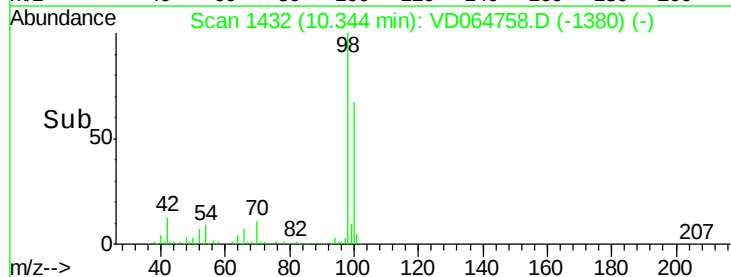
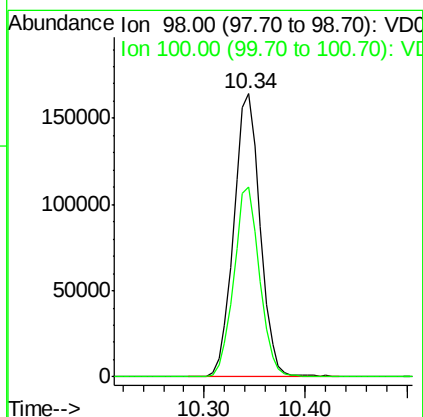
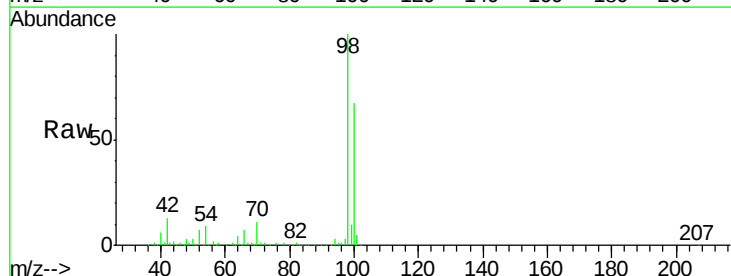
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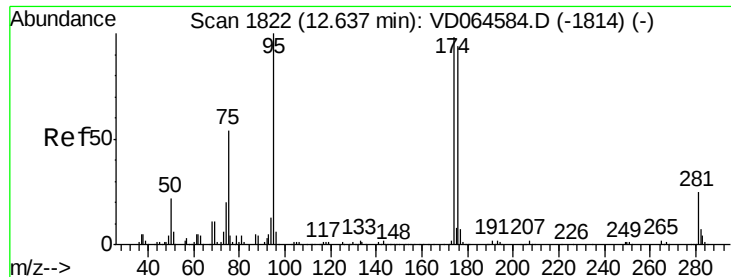
Tgt Ion:113 Resp: 85798
Ion Ratio Lower Upper
113 100
111 106.2 80.6 121.0
192 22.1 17.9 26.9



#50
Toluene-d8
Concen: 49.320 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064758.D
Acq: 04 Jan 2020 04:00

Tgt Ion: 98 Resp: 296540
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5

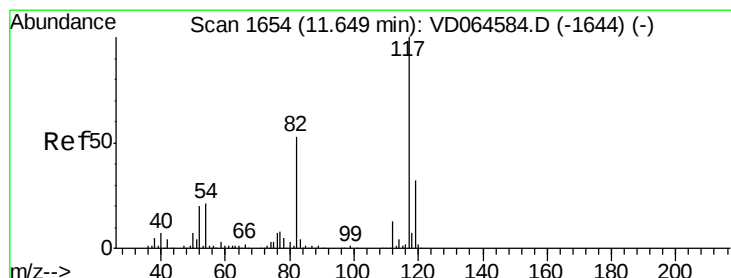
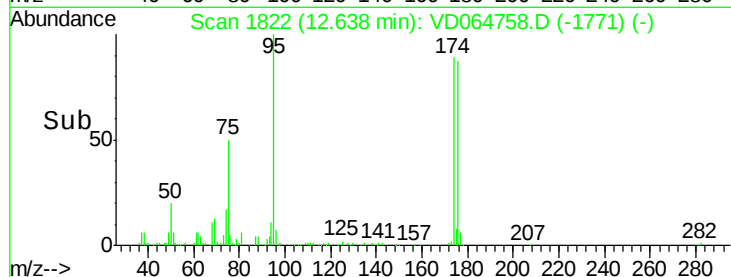
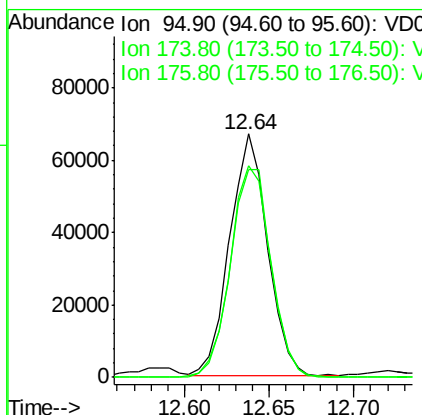
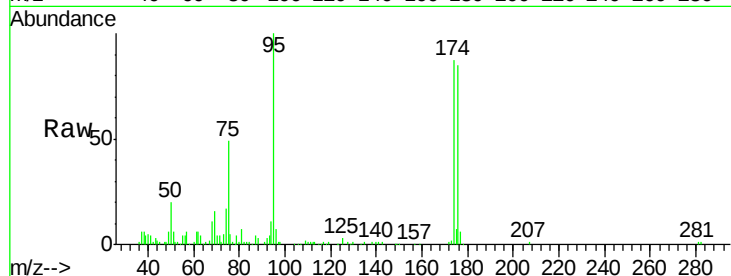




#62
4-Bromofluorobenzene
Concen: 54.899 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064758.D
Acq: 04 Jan 2020 04:00

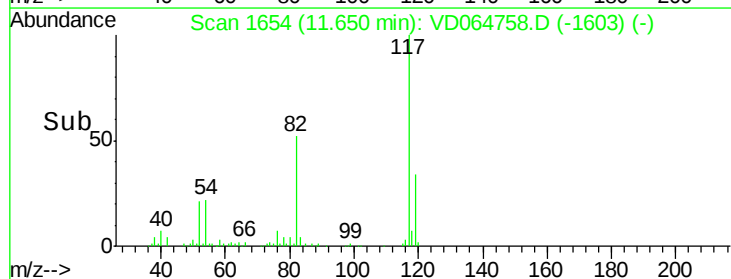
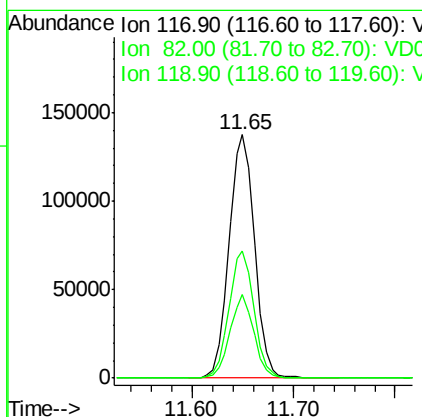
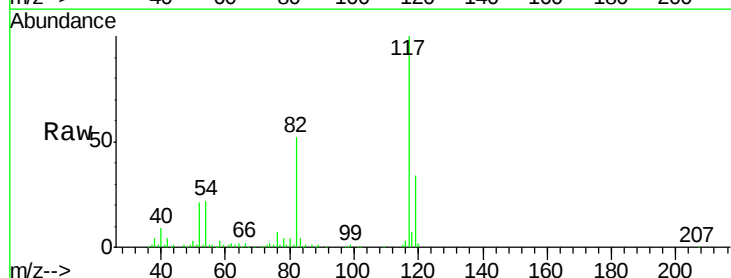
Instrument :
MSVOA_D
ClientSampleId :
GP-5C-(5-6)RE

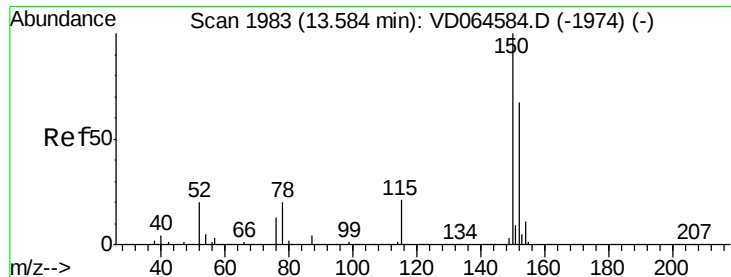
Tgt Ion: 95 Resp: 104376
Ion Ratio Lower Upper
95 100
174 93.1 0.0 193.2
176 92.8 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064758.D
Acq: 04 Jan 2020 04:00

Tgt Ion: 117 Resp: 239103
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.4
119 34.3 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: VD064758.D

Acq: 04 Jan 2020 04:00

Instrument :

MSVOA_D

ClientSampleId :

GP-5C-(5-6)RE

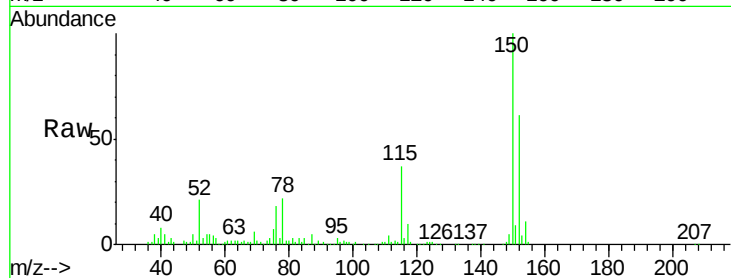
Tgt Ion:152 Resp: 116098

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.4

150 152.8 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

