

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064605.D
 Acq On : 26 Dec 2019 18:01
 Operator : VA/SY
 Sample : K6437-04
 Misc : 7.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-1-(3-5)

Quant Time: Dec 27 04:20:28 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

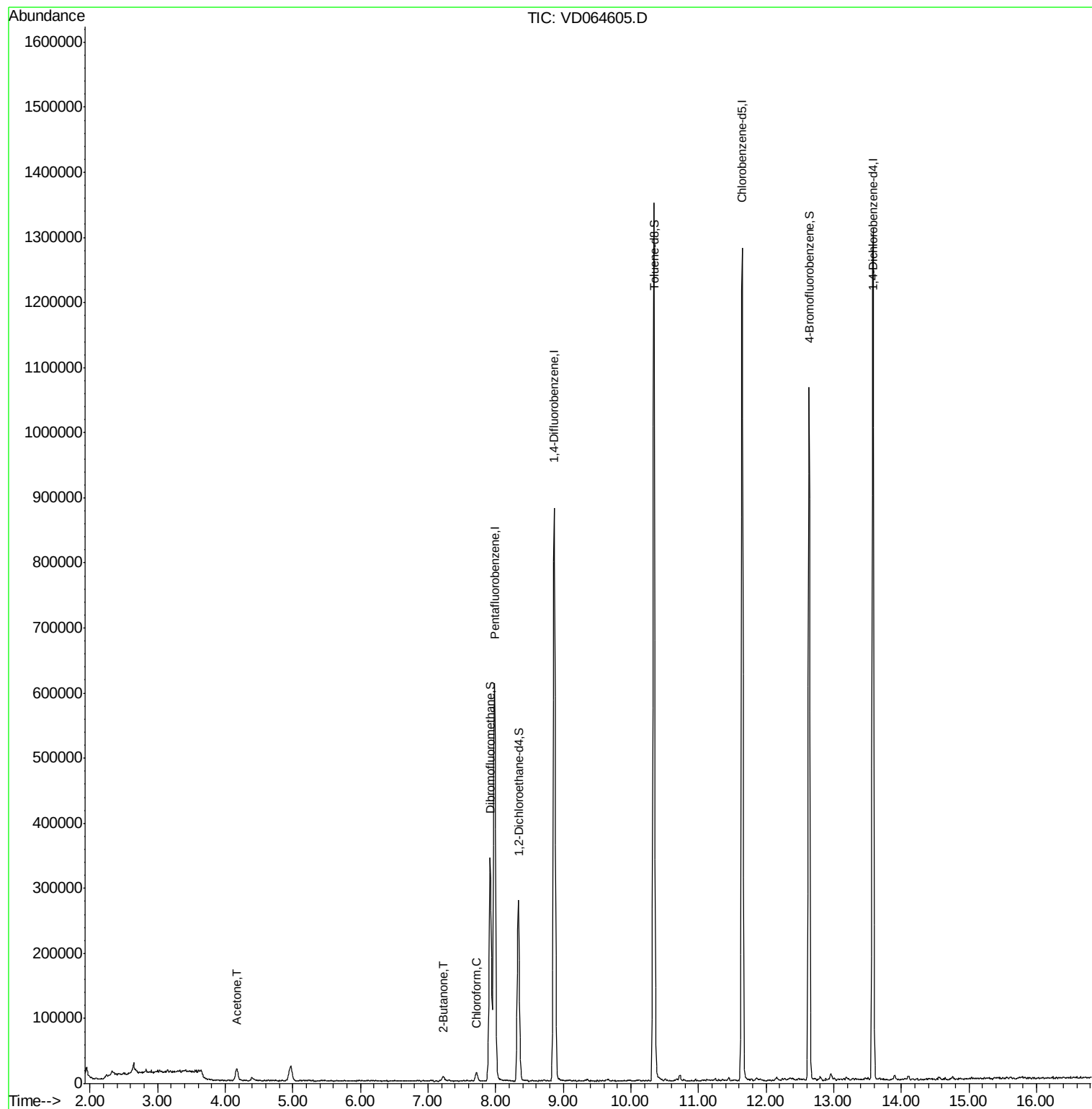
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	483593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	762895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	734330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	356147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	223905	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
35) Dibromofluoromethane	7.92	113	236608	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
50) Toluene-d8	10.34	98	929561	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.64	95	307959	54.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.66%	
Target Compounds						
16) Acetone	4.17	43	34187	38.101	ug/l	89
25) 2-Butanone	7.24	43	7804	6.658	ug/l #	84
30) Chloroform	7.71	83	12960	1.555	ug/l	90

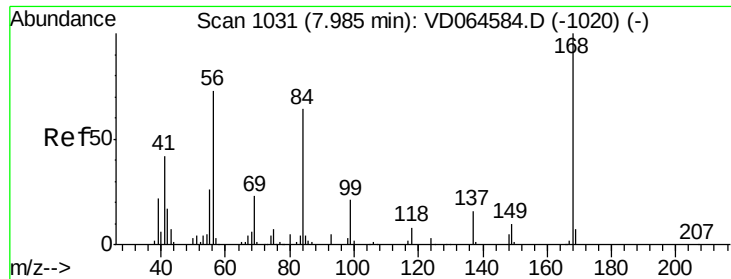
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122619\
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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: VD064605.D

Acq: 26 Dec 2019 18:01

Instrument :

MSVOA_D

ClientSampleId :

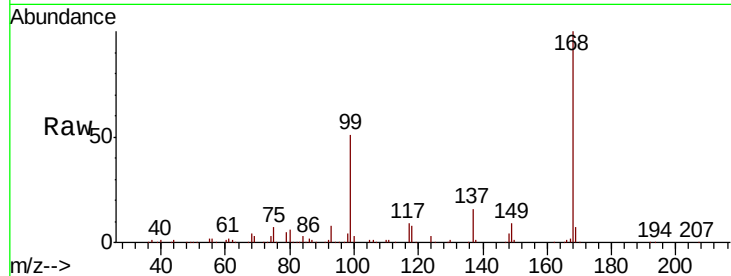
GP-1-(3-5)

Tot Ion:168 Resp: 483593

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

250000

200000

150000

100000

50000

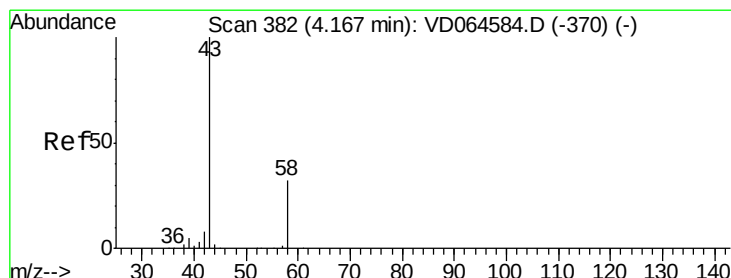
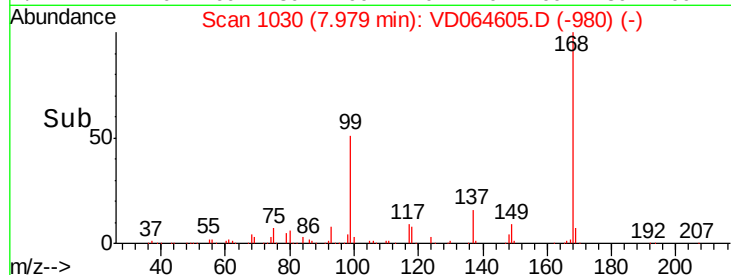
0

7.90

8.00

8.10

Time-->



#16

Acetone

Concen: 38.101 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064605.D

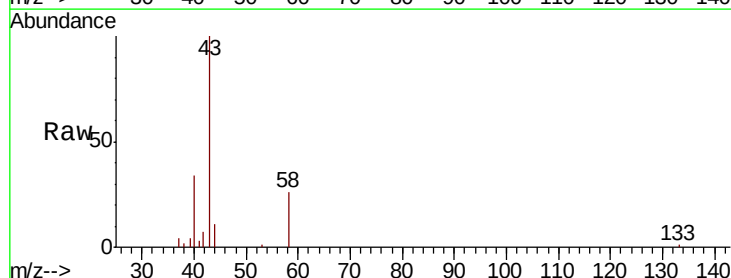
Acq: 26 Dec 2019 18:01

Tgt Ion: 43 Resp: 34187

Ion Ratio Lower Upper

43 100

58 26.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10000

5000

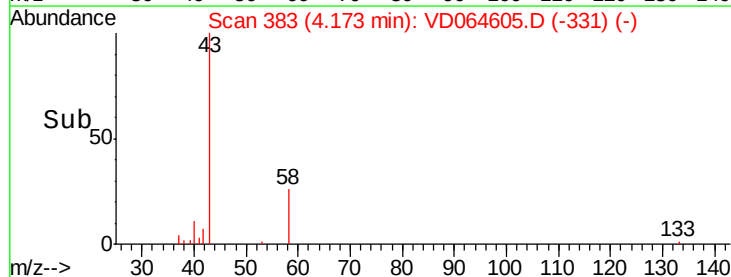
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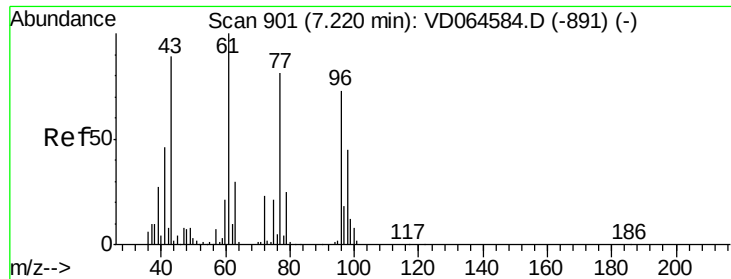
4.10

4.20

4.30

Time-->





#25

2-Butanone

Concen: 6.658 ug/l

RT: 7.24 min Scan# 904

Delta R.T. 0.02 min

Lab File: VD064605.D

Acq: 26 Dec 2019 18:01

Instrument :

MSVOA_D

ClientSampleId :

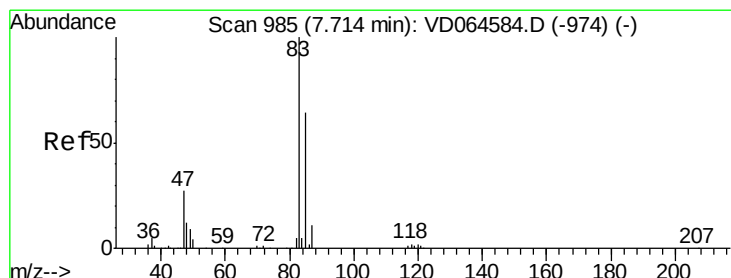
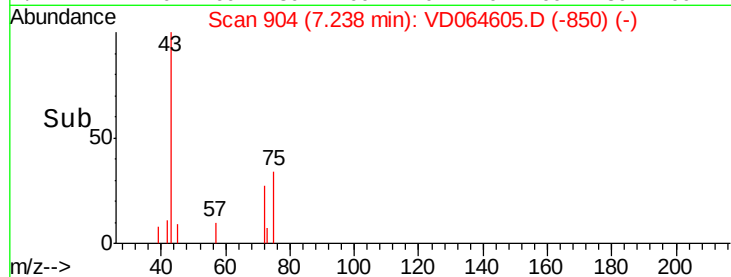
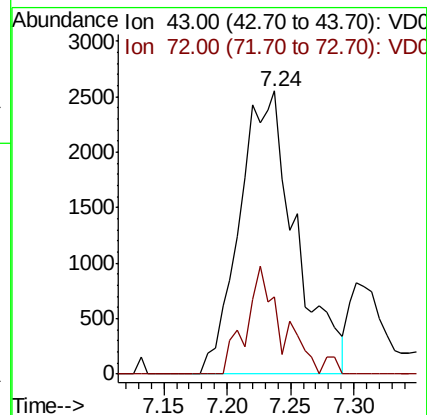
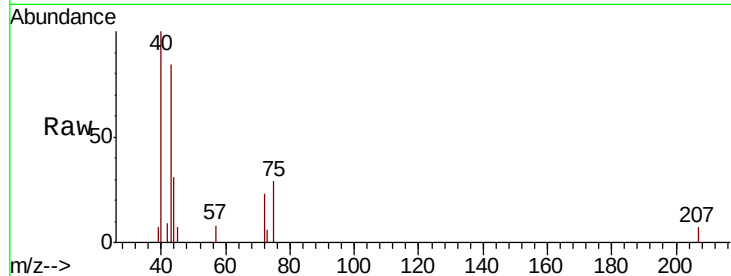
GP-1-(3-5)

Tot Ion: 43 Resp: 7804

Ion Ratio Lower Upper

43 100

72 34.2 20.7 31.1#



#30

Chloroform

Concen: 1.555 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD064605.D

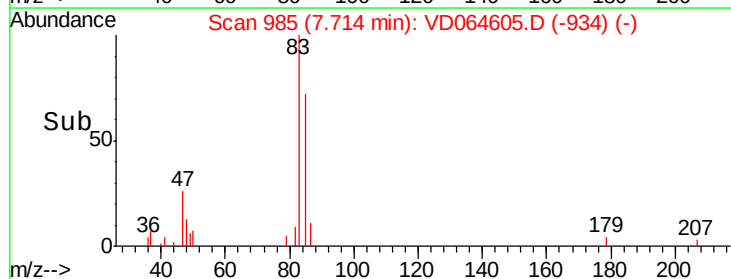
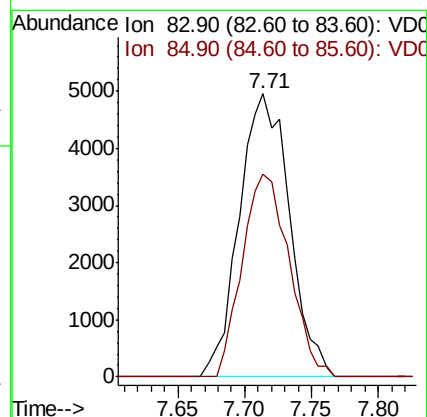
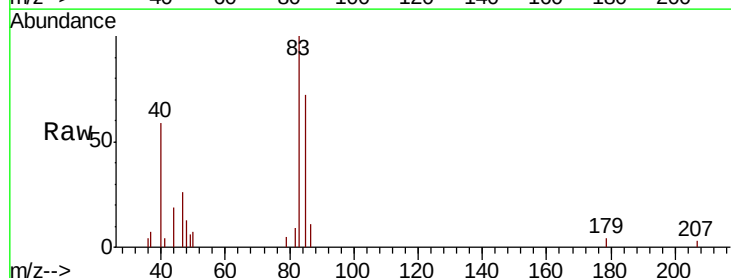
Acq: 26 Dec 2019 18:01

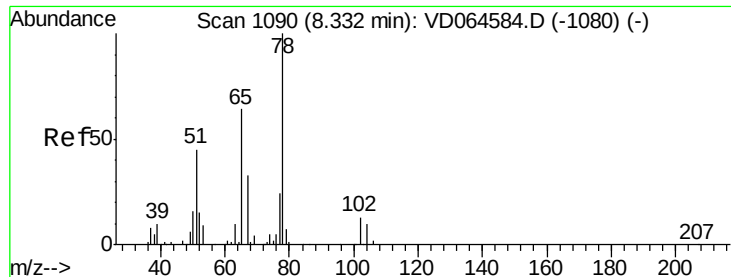
Tgt Ion: 83 Resp: 12960

Ion Ratio Lower Upper

83 100

85 71.6 51.1 76.7

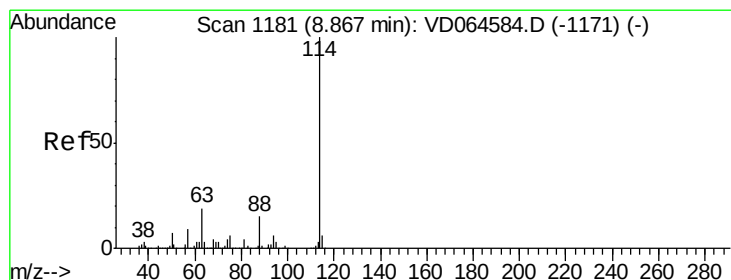
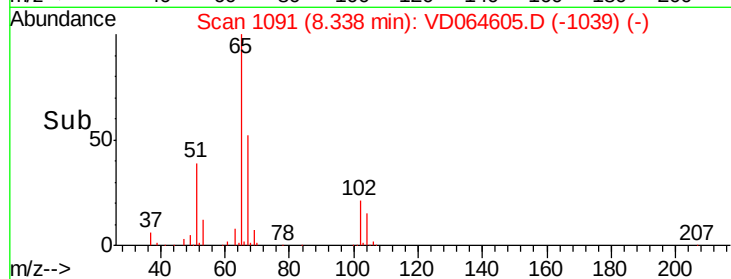
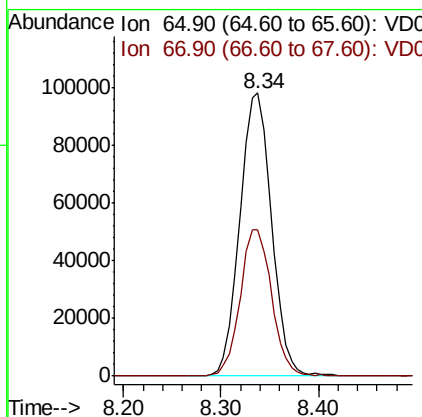
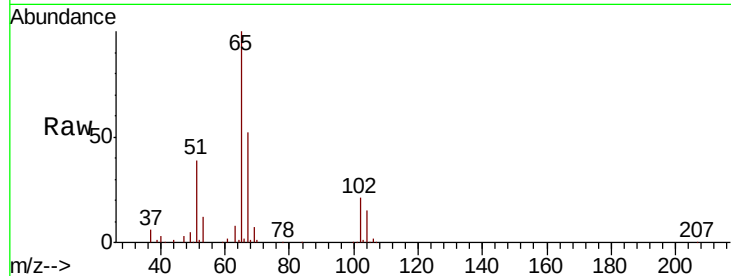




#33
 1,2-Dichloroethane-d4
 Concen: 52.507 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064605.D
 Acq: 26 Dec 2019 18:01

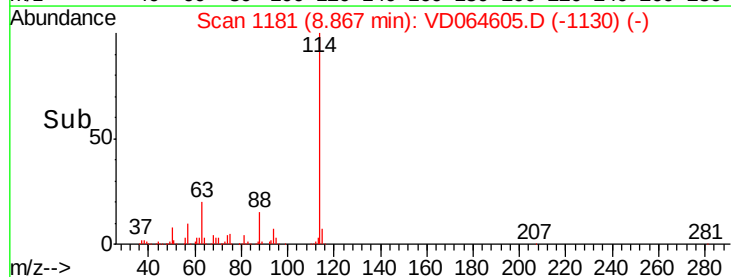
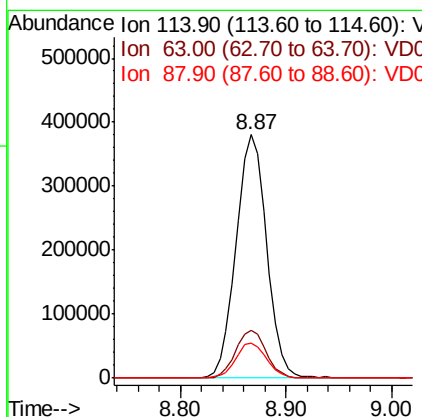
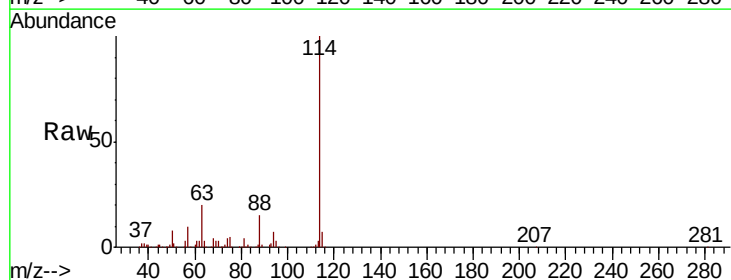
Instrument :
 MSVOA_D
 ClientSampled :
 GP-1-(3-5)

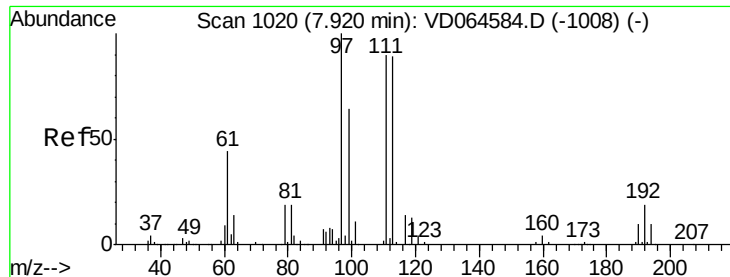
Tot Ion: 65 Resp: 223905
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064605.D
 Acq: 26 Dec 2019 18:01

Tgt Ion: 114 Resp: 762895
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 14.5 0.0 29.2

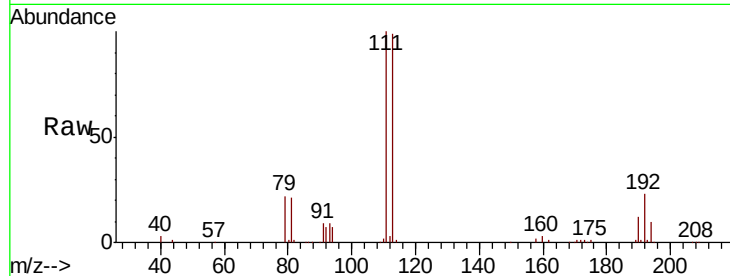




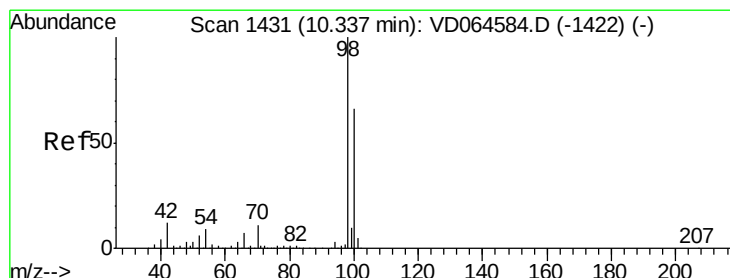
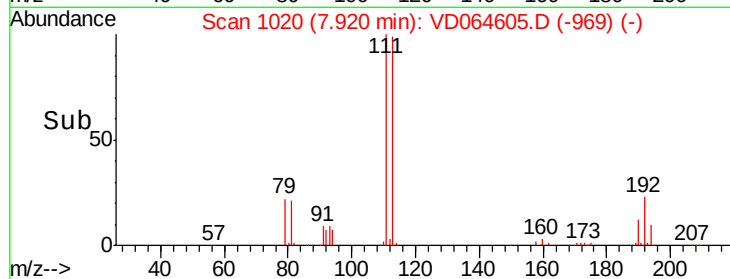
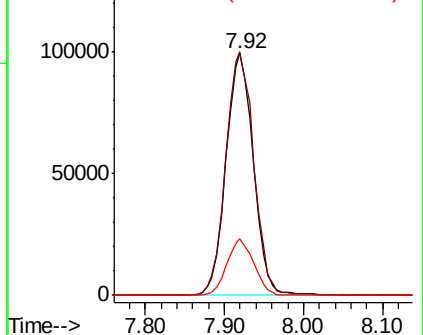
#35
 Dibromofluoromethane
 Concen: 50.552 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064605.D
 Acq: 26 Dec 2019 18:01

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-1-(3-5)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.6	121.0
192	23.0	17.9	26.9

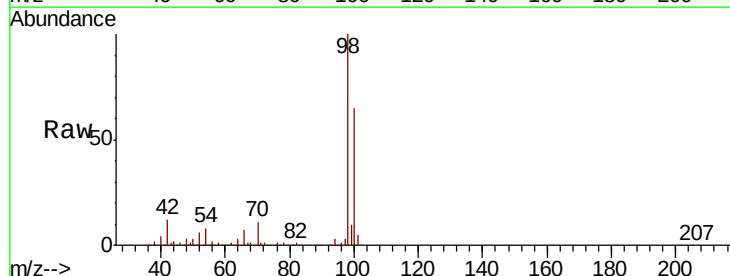


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

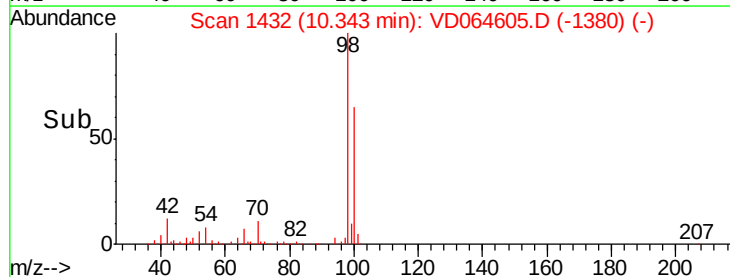
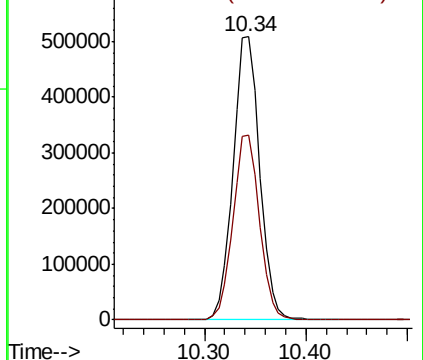


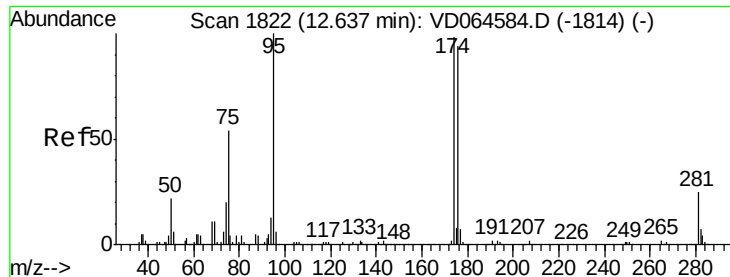
#50
 Toluene-d8
 Concen: 51.856 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064605.D
 Acq: 26 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5



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





#62

4-Bromofluorobenzene

Concen: 54.330 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064605.D

Acq: 26 Dec 2019 18:01

Instrument :

MSVOA_D

ClientSampleId :

GP-1-(3-5)

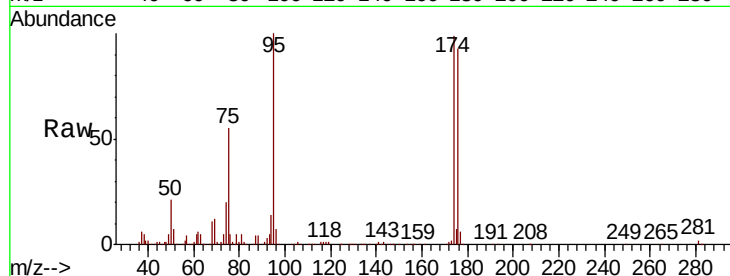
Tot Ion: 95 Resp: 307959

Ion Ratio Lower Upper

95 100

174 98.1 0.0 193.2

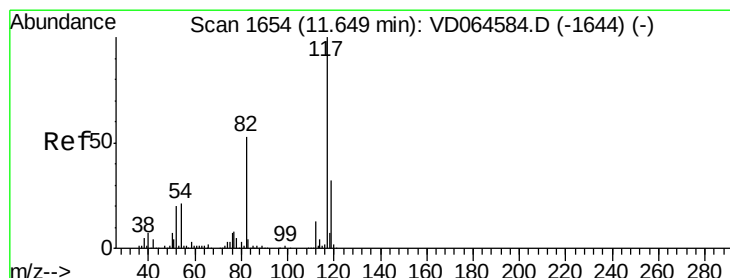
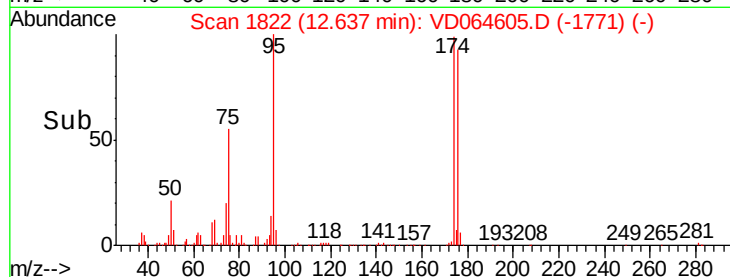
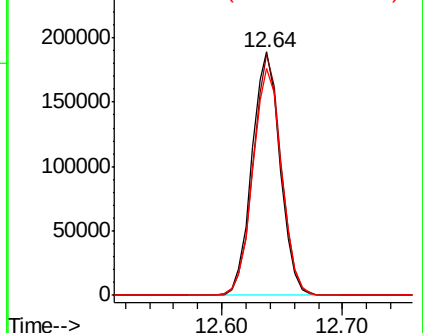
176 95.0 0.0 184.2



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: VD064605.D

Acq: 26 Dec 2019 18:01

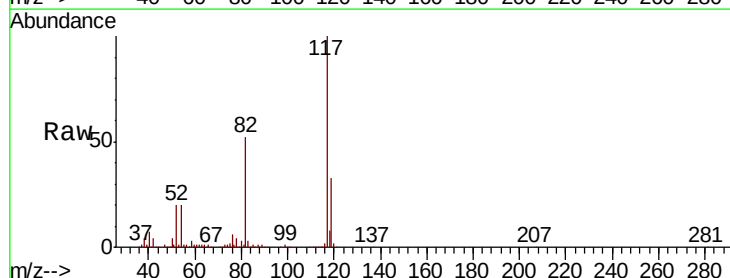
Tgt Ion: 117 Resp: 734330

Ion Ratio Lower Upper

117 100

82 51.9 42.2 63.4

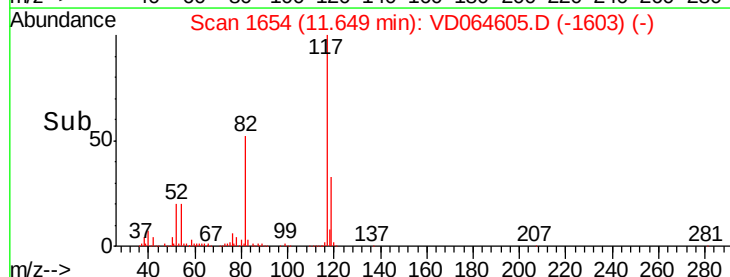
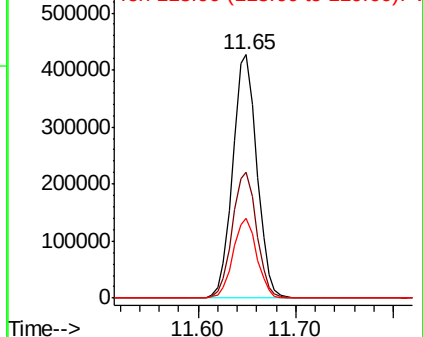
119 32.9 26.0 39.0

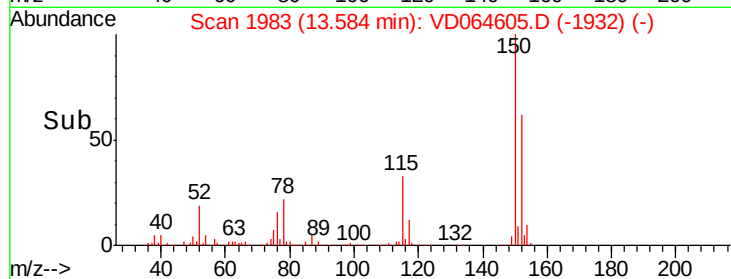
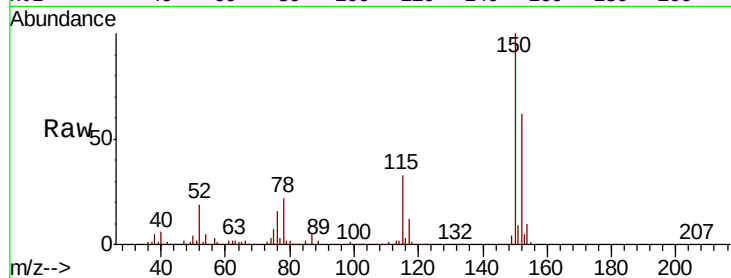
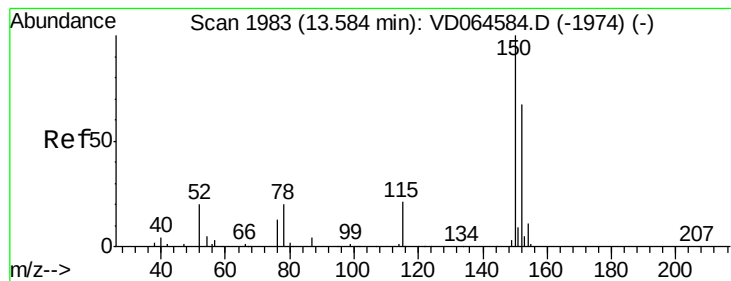


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064605.D

Acq: 26 Dec 2019 18:01

Instrument :

MSVOA_D

ClientSampleId :

GP-1-(3-5)

Tot Ion:152 Resp: 356147

Ion Ratio Lower Upper

152 100

115 54.2 27.8 83.4

150 157.3 0.0 351.4

