

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123119\
 Data File : VD064701.D
 Acq On : 31 Dec 2019 18:10
 Operator : VA/SY
 Sample : K6463-05
 Misc : 7.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jan 01 01:41:37 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

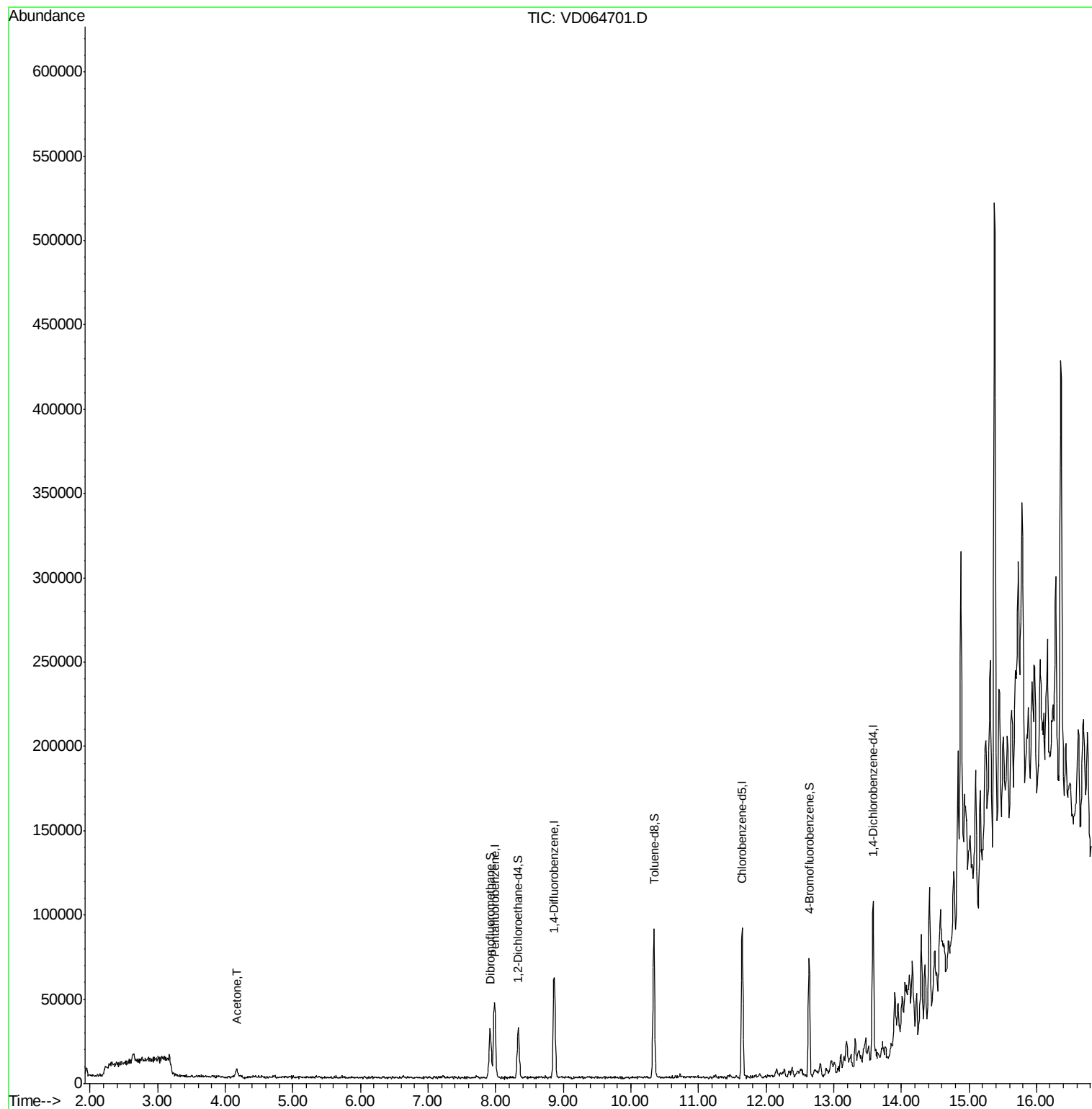
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	35462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	51303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	49115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	24893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	22894	73.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.42%	
35) Dibromofluoromethane	7.92	113	19455	61.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.62%	
50) Toluene-d8	10.34	98	59292	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.63	95	20401	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
Target Compounds						
16) Acetone	4.17	43	8466	123.207	ug/l	Qvalue 98

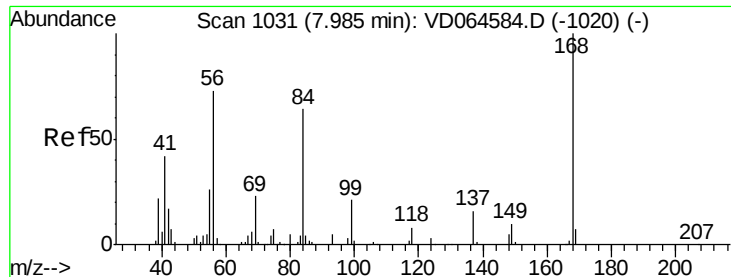
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064701.D

Acq: 31 Dec 2019 18:10

Instrument :

MSVOA_D

ClientSampleId :

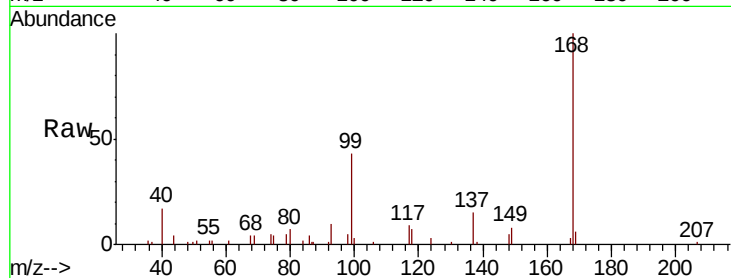
GP-5C-(5-6)

Tot Ion:168 Resp: 35462

Ion Ratio Lower Upper

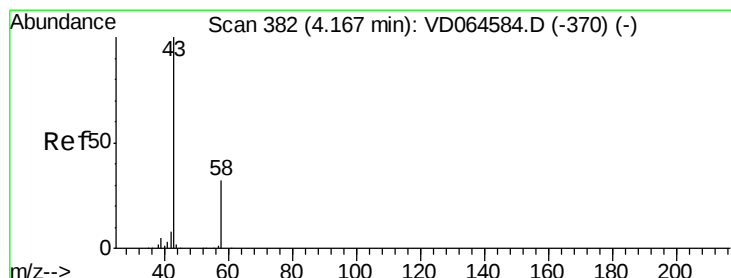
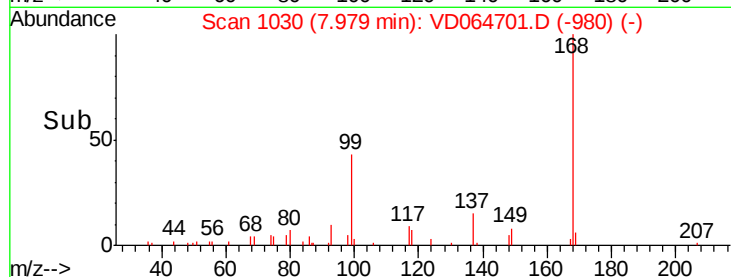
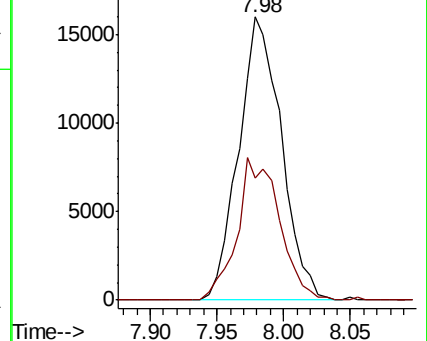
168 100

99 43.2 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 123.207 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064701.D

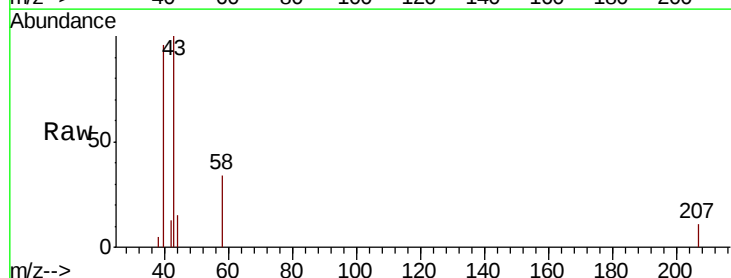
Acq: 31 Dec 2019 18:10

Tgt Ion: 43 Resp: 8466

Ion Ratio Lower Upper

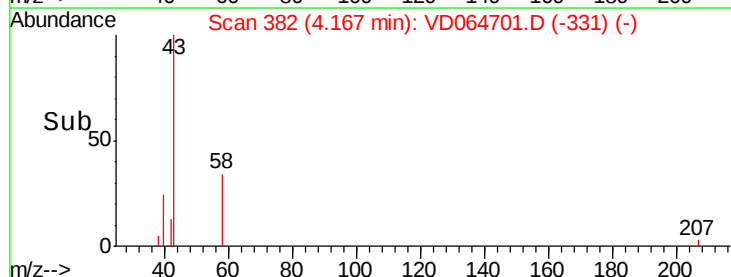
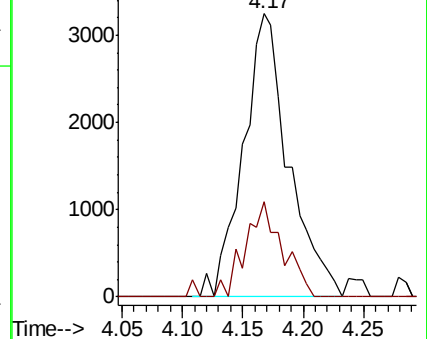
43 100

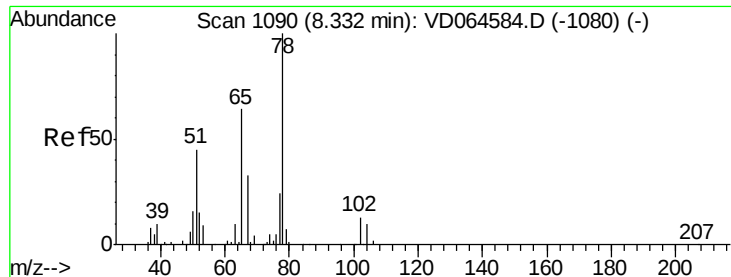
58 33.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 73.214 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064701.D

Acq: 31 Dec 2019 18:10

Instrument :

MSVOA_D

ClientSampleId :

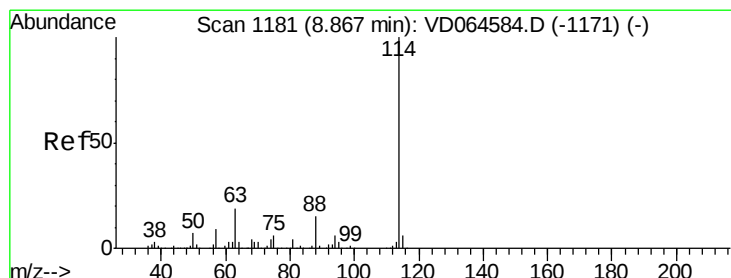
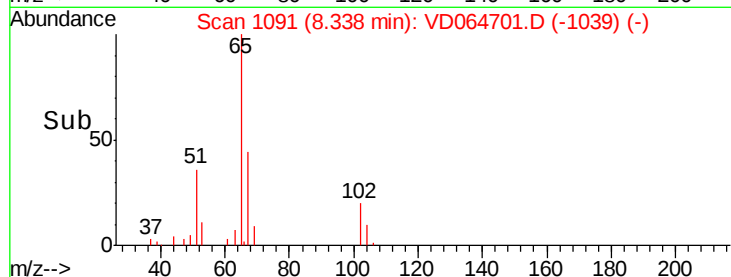
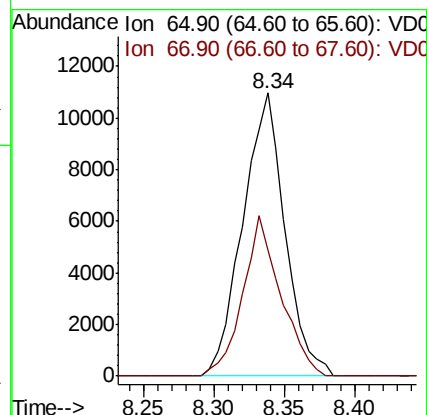
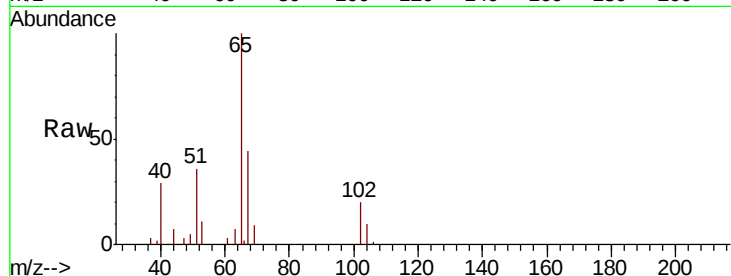
GP-5C-(5-6)

Tot Ion: 65 Resp: 22894

Ion Ratio Lower Upper

65 100

67 50.9 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: VD064701.D

Acq: 31 Dec 2019 18:10

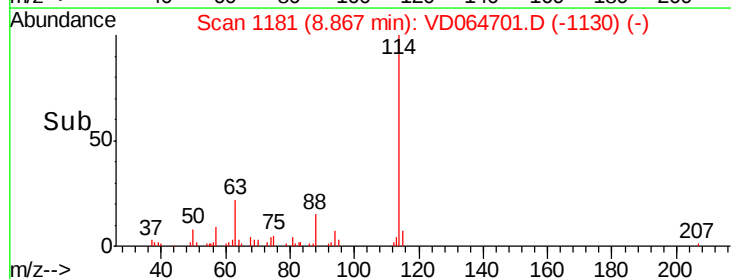
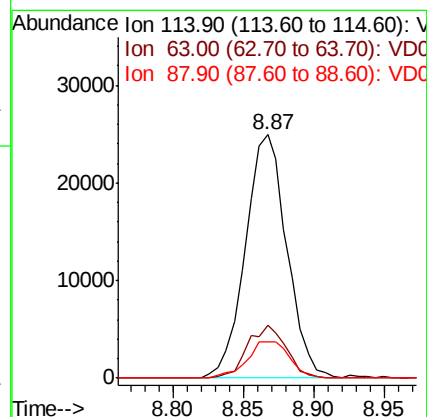
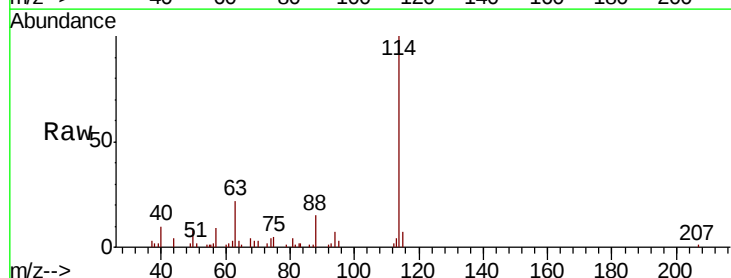
Tgt Ion: 114 Resp: 51303

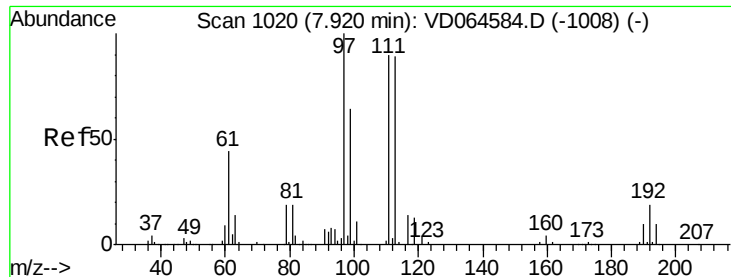
Ion Ratio Lower Upper

114 100

63 21.6 0.0 38.0

88 14.8 0.0 29.2

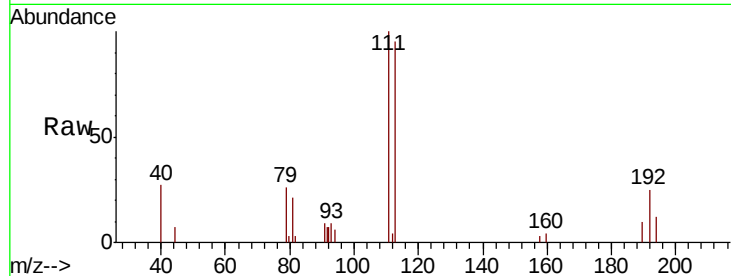




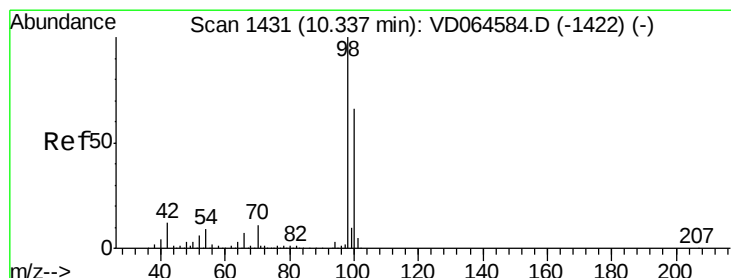
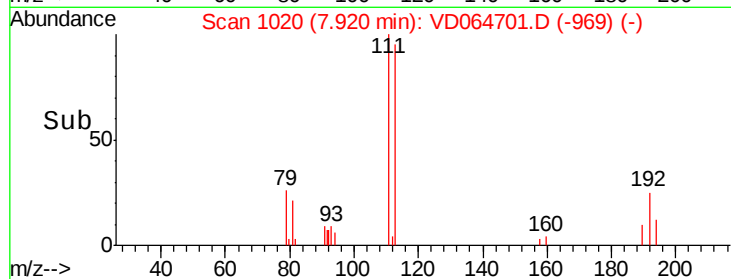
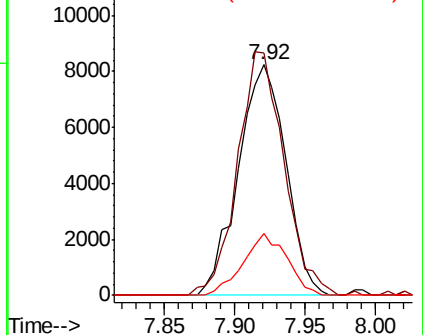
#35
 Dibromofluoromethane
 Concen: 61.810 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064701.D
 Acq: 31 Dec 2019 18:10

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

Tot Ion:113 Resp: 19455
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.6 121.0
 192 24.7 17.9 26.9

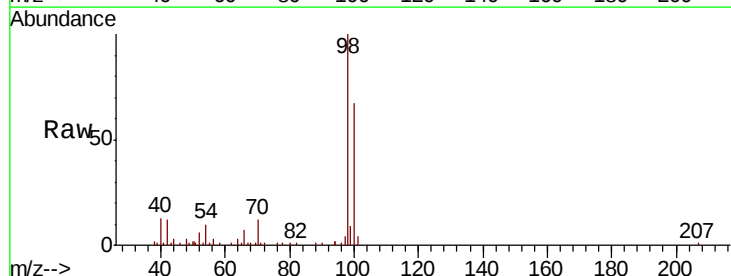


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

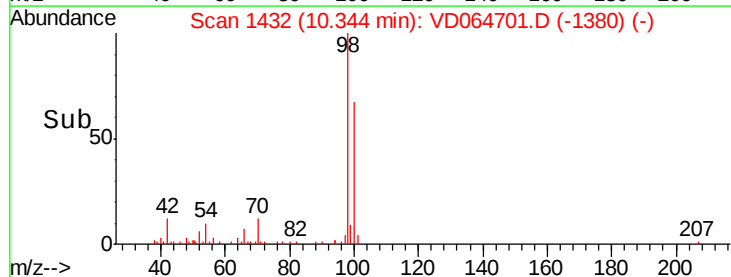
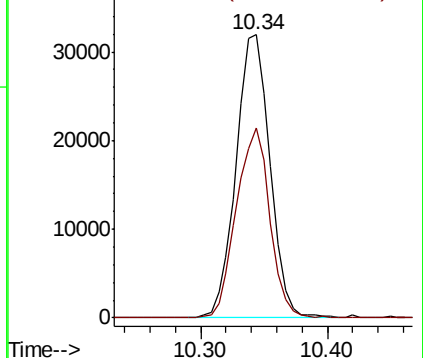


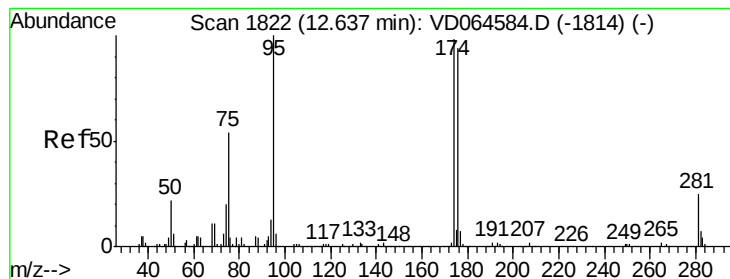
#50
 Toluene-d8
 Concen: 49.186 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064701.D
 Acq: 31 Dec 2019 18:10

Tgt Ion: 98 Resp: 59292
 Ion Ratio Lower Upper
 98 100
 100 66.0 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: 53.520 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD064701.D

Acq: 31 Dec 2019 18:10

Instrument :

MSVOA_D

ClientSampleId :

GP-5C-(5-6)

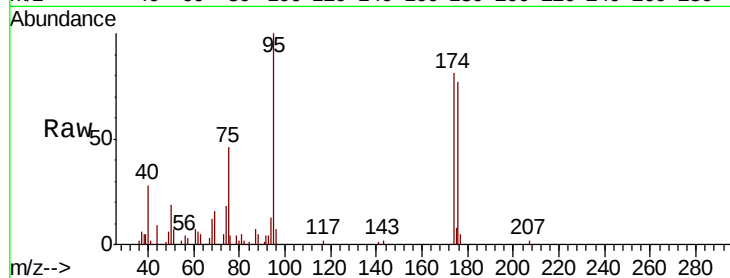
Tot Ion: 95 Resp: 20401

Ion Ratio Lower Upper

95 100

174 95.1 0.0 193.2

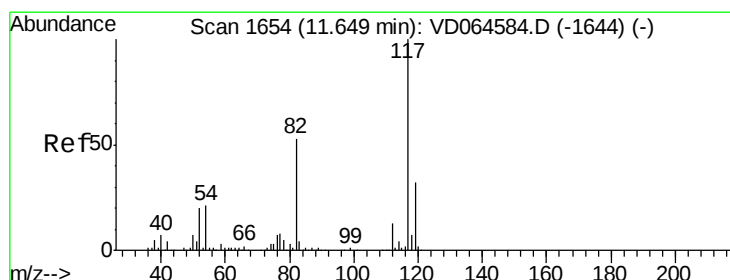
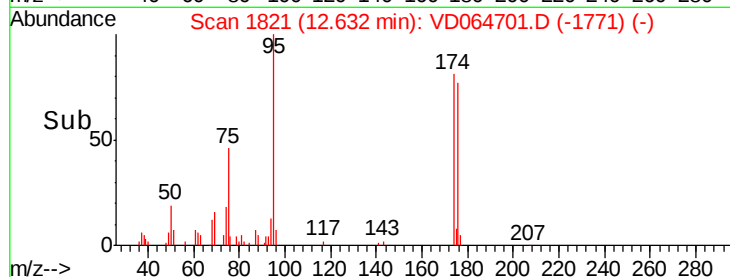
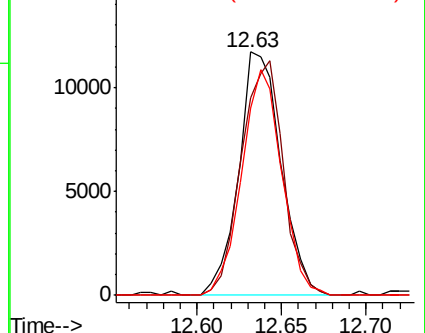
176 87.8 0.0 184.2



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: VD064701.D

Acq: 31 Dec 2019 18:10

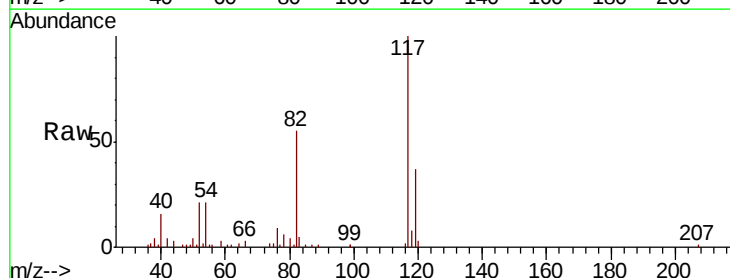
Tgt Ion: 117 Resp: 49115

Ion Ratio Lower Upper

117 100

82 55.2 42.2 63.4

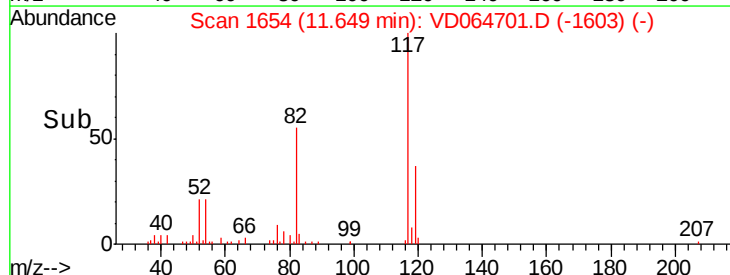
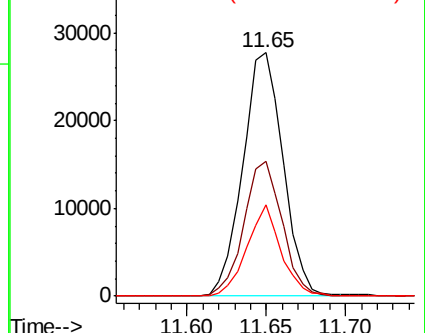
119 37.5 26.0 39.0

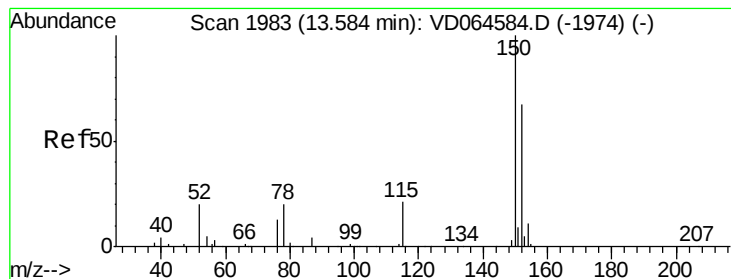


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064701.D

Acq: 31 Dec 2019 18:10

Instrument :

MSVOA_D

ClientSampleId :

GP-5C-(5-6)

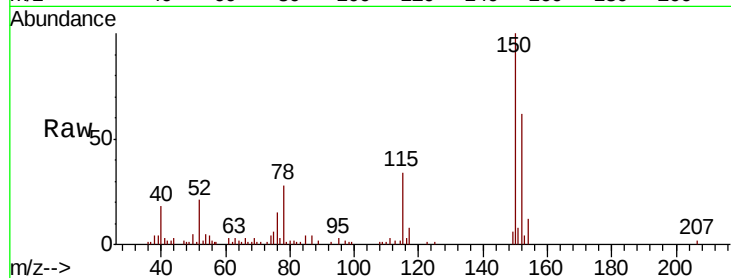
Tot Ion:152 Resp: 24893

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

150 158.4 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

