

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064608.D
 Acq On : 26 Dec 2019 19:27
 Operator : VA/SY
 Sample : K6437-07
 Misc : 6.96G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Dec 27 04:36:28 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

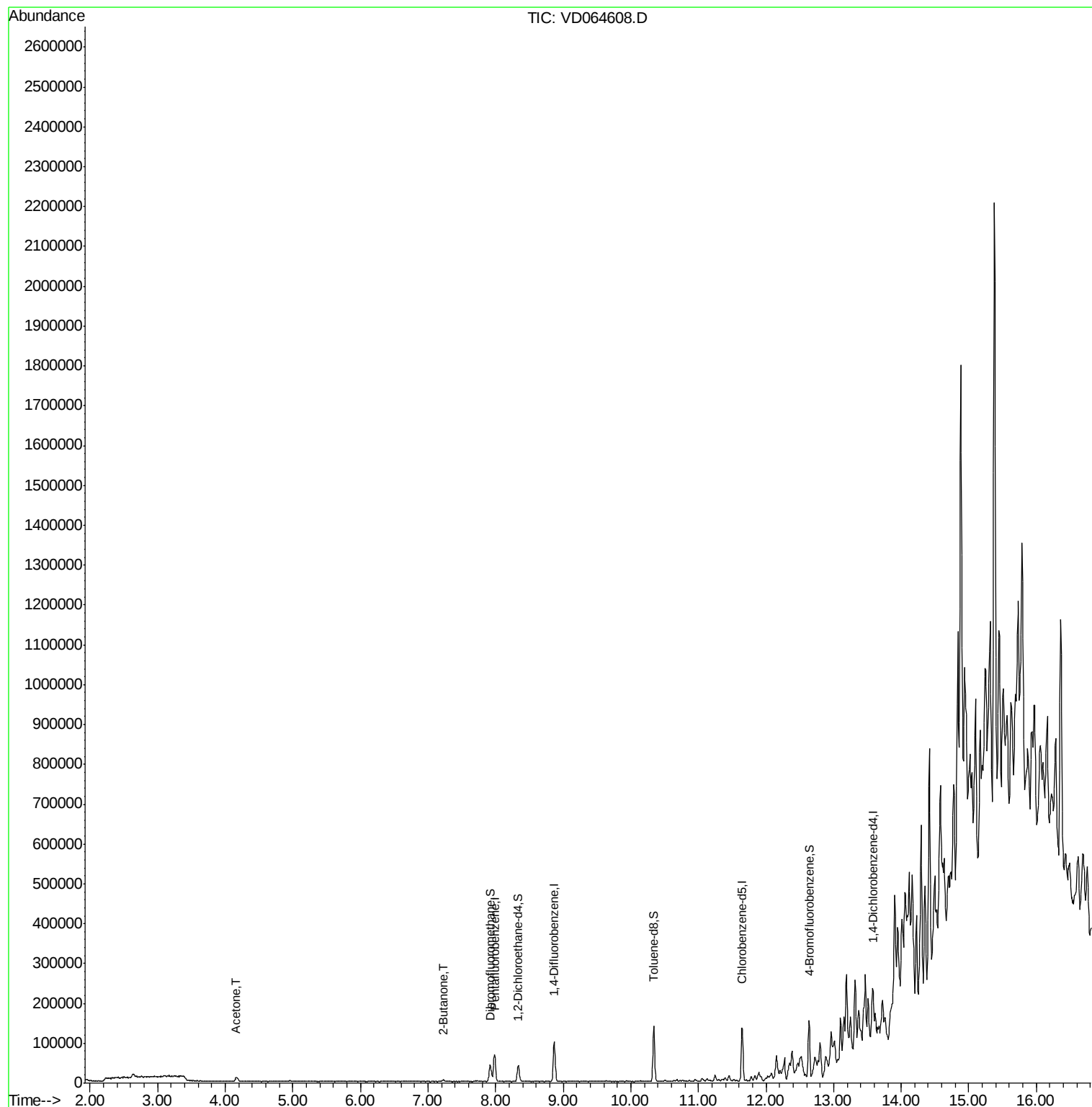
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	52013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	86049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	78378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	42527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	31723	69.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.34%	
35) Dibromofluoromethane	7.92	113	28072	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
50) Toluene-d8	10.34	98	93962	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
62) 4-Bromofluorobenzene	12.64	95	34300	53.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.30%	
Target Compounds						
16) Acetone	4.17	43	18120	182.788	ug/l	96
25) 2-Butanone	7.23	43	6284	49.845	ug/l #	88

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064608.D

Acq: 26 Dec 2019 19:27

Instrument :

MSVOA_D

ClientSampleId :

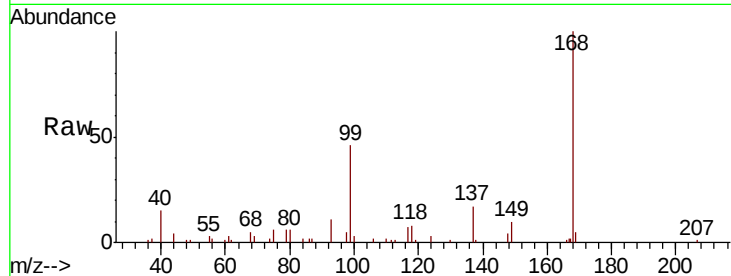
GP-5-(5-6)

Tot Ion:168 Resp: 52013

Ion Ratio Lower Upper

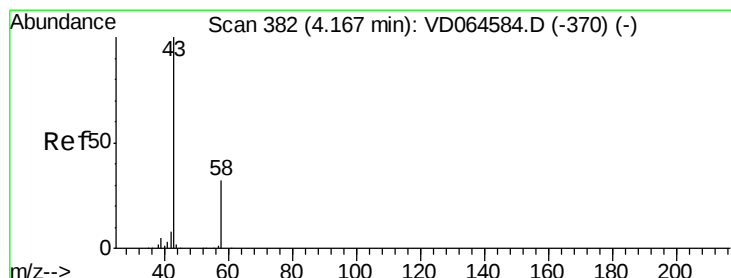
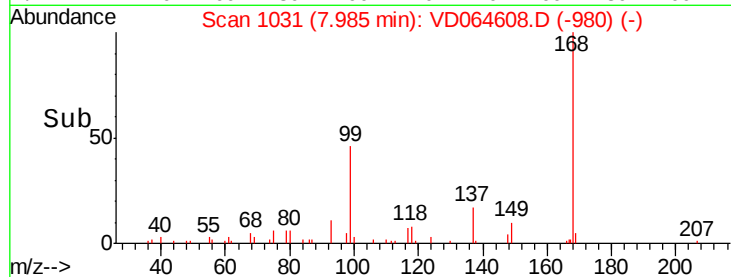
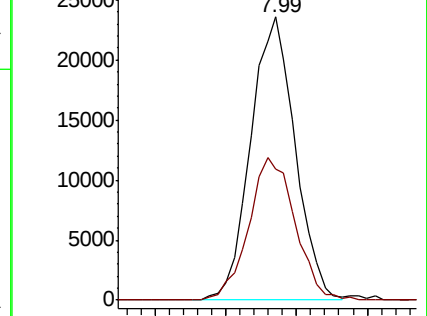
168 100

99 46.4 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: 182.788 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064608.D

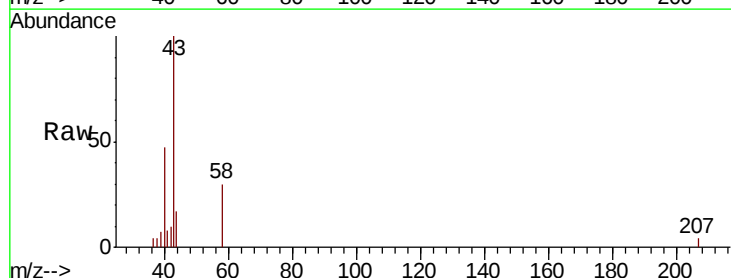
Acq: 26 Dec 2019 19:27

Tgt Ion: 43 Resp: 18120

Ion Ratio Lower Upper

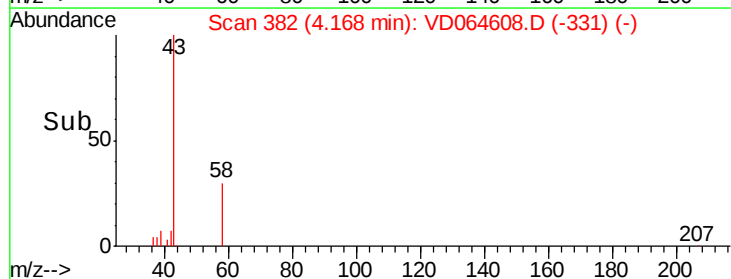
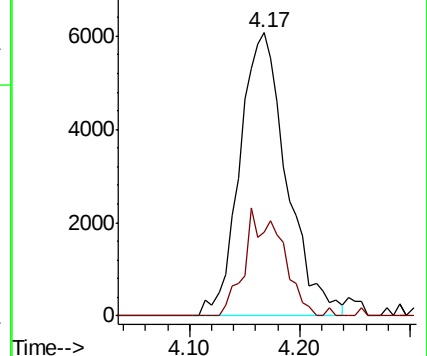
43 100

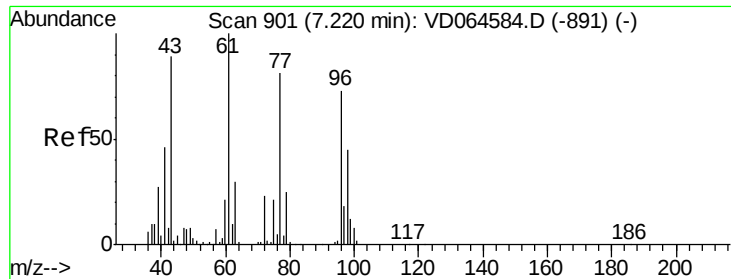
58 29.8 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 49.845 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD064608.D

Acq: 26 Dec 2019 19:27

Instrument :

MSVOA_D

ClientSampled :

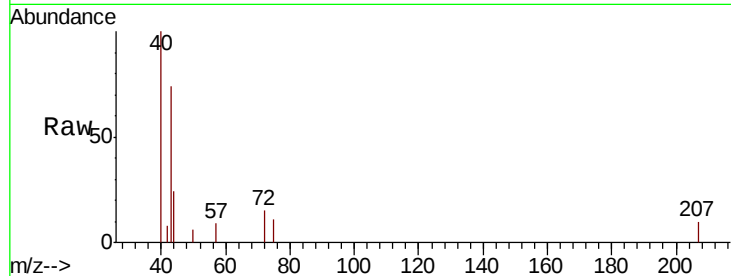
GP-5-(5-6)

Tot Ion: 43 Resp: 6284

Ion Ratio Lower Upper

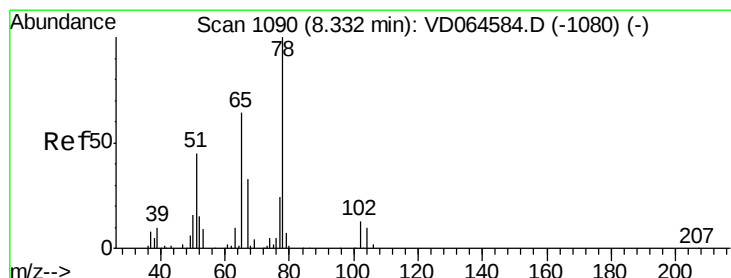
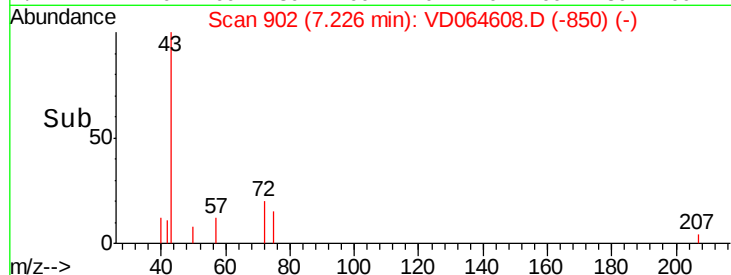
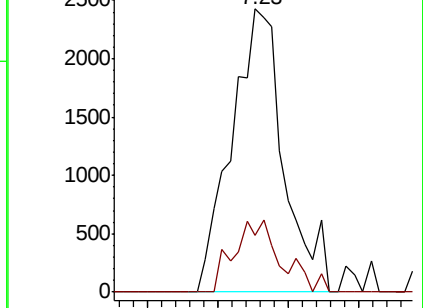
43 100

72 19.9 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: 69.167 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064608.D

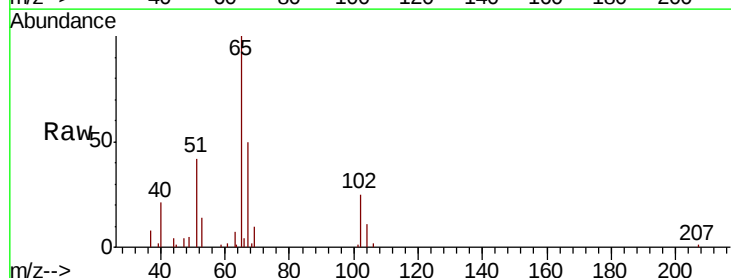
Acq: 26 Dec 2019 19:27

Tgt Ion: 65 Resp: 31723

Ion Ratio Lower Upper

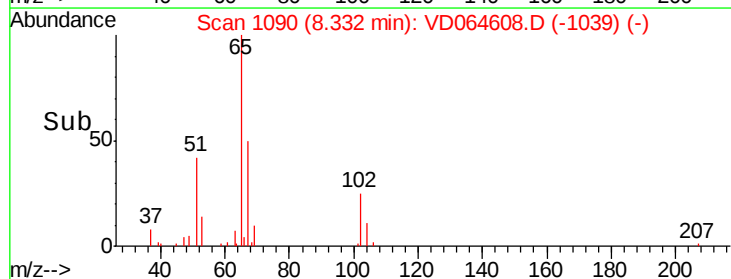
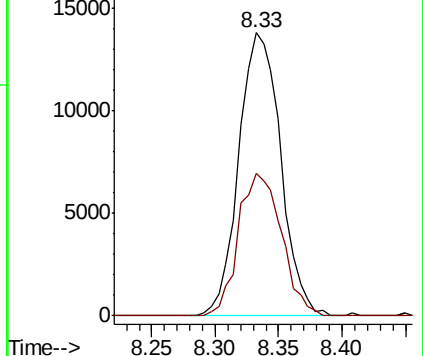
65 100

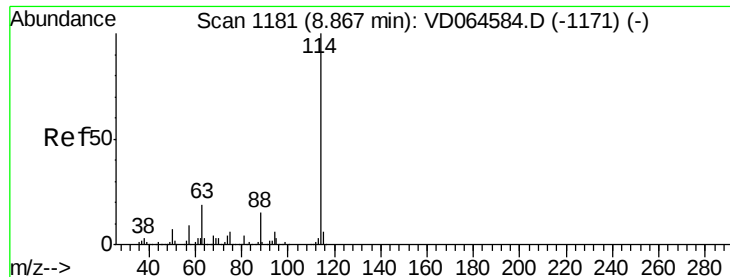
67 51.7 0.0 106.2



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: VD064608.D

Acq: 26 Dec 2019 19:27

Instrument :

MSVOA_D

ClientSampleId :

GP-5-(5-6)

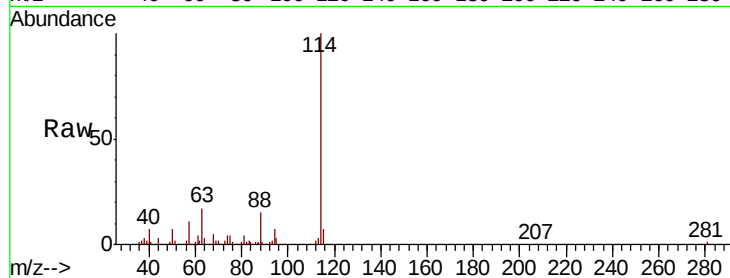
Tot Ion:114 Resp: 86049

Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.0

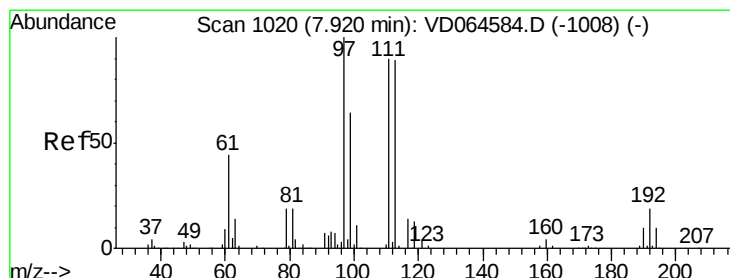
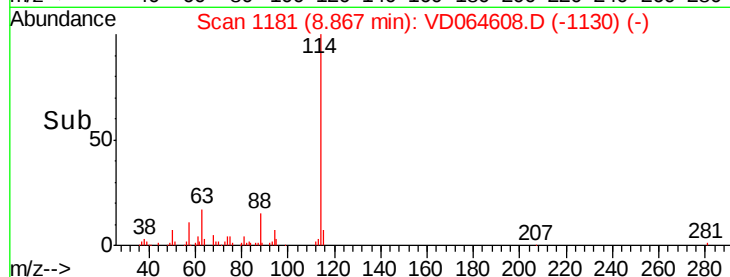
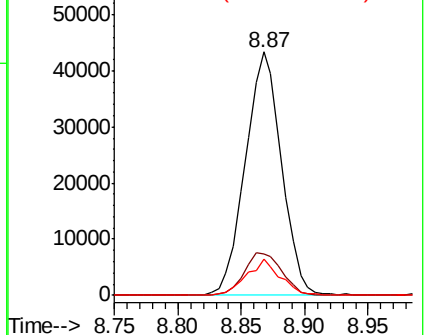
88 15.0 0.0 29.2



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: 53.174 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064608.D

Acq: 26 Dec 2019 19:27

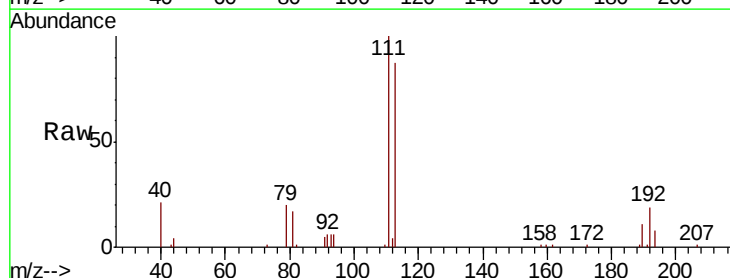
Tgt Ion:113 Resp: 28072

Ion Ratio Lower Upper

113 100

111 105.6 80.6 121.0

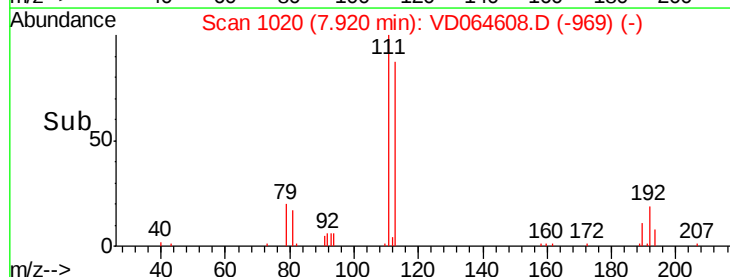
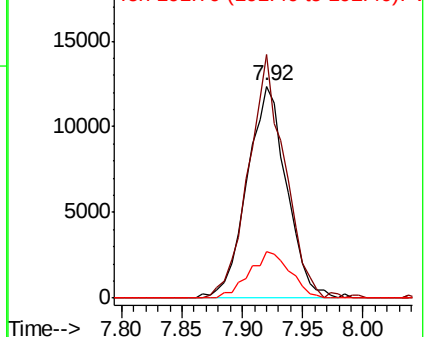
192 22.6 17.9 26.9

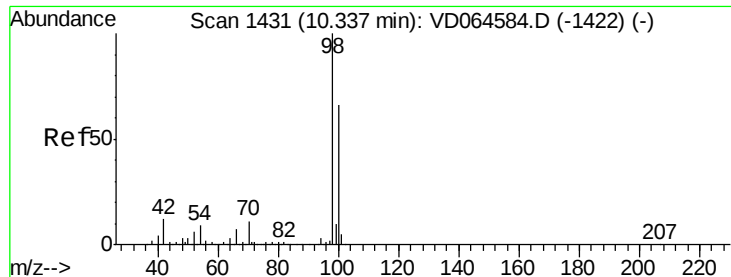


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

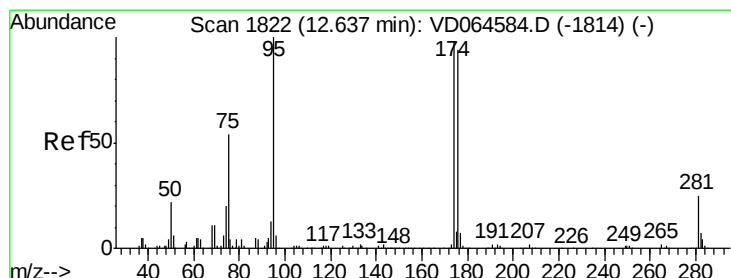
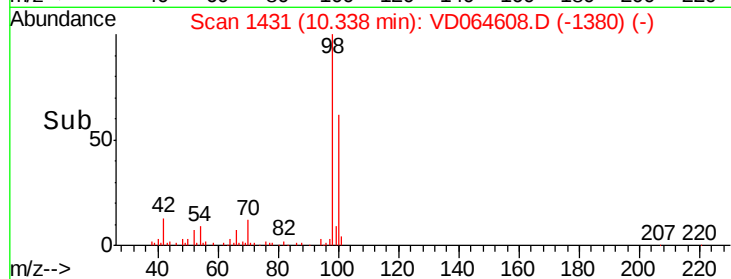
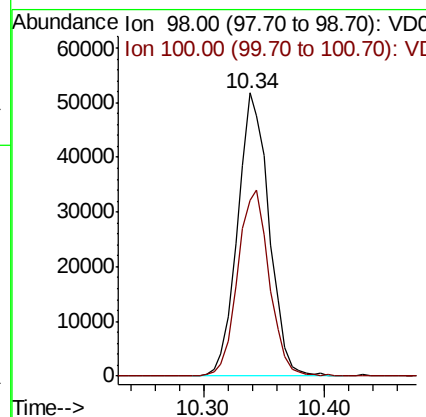
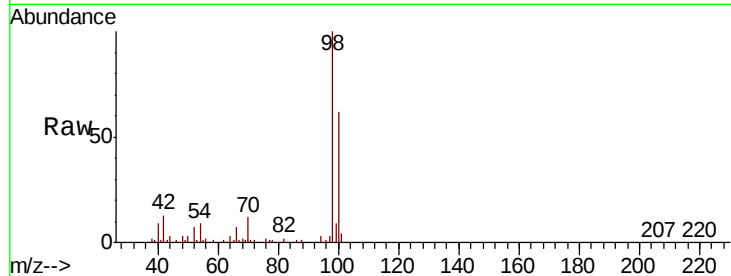




#50
Toluene-d8
Concen: 46.472 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064608.D
Acq: 26 Dec 2019 19:27

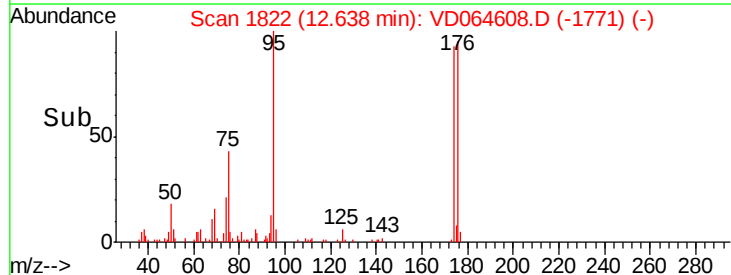
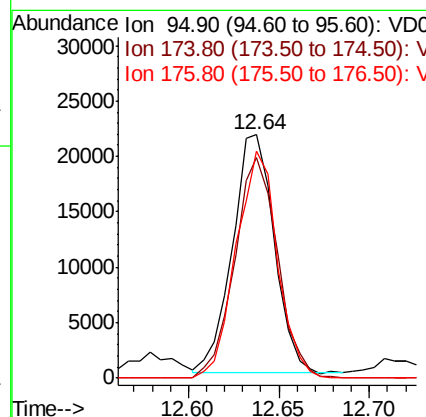
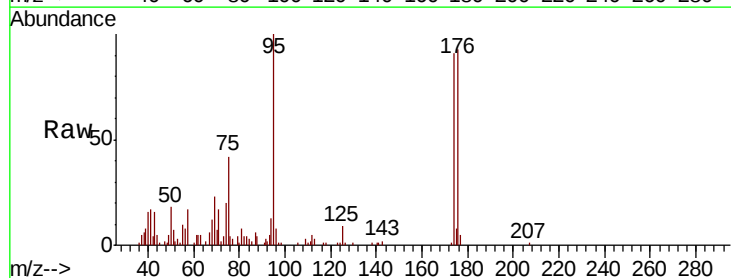
Instrument :
MSVOA_D
ClientSampleId :
GP-5-(5-6)

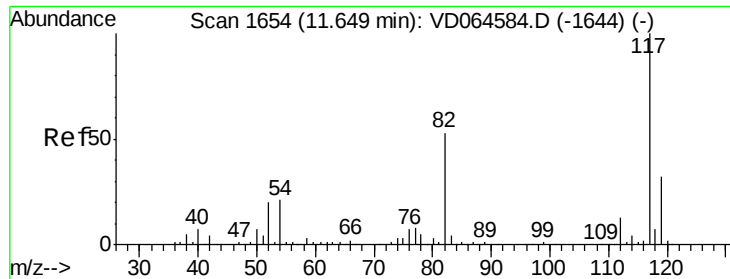
Tot Ion: 98 Resp: 93962
Ion Ratio Lower Upper
98 100
100 66.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.649 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064608.D
Acq: 26 Dec 2019 19:27

Tgt Ion: 95 Resp: 34300
Ion Ratio Lower Upper
95 100
174 95.7 0.0 193.2
176 94.0 0.0 184.2

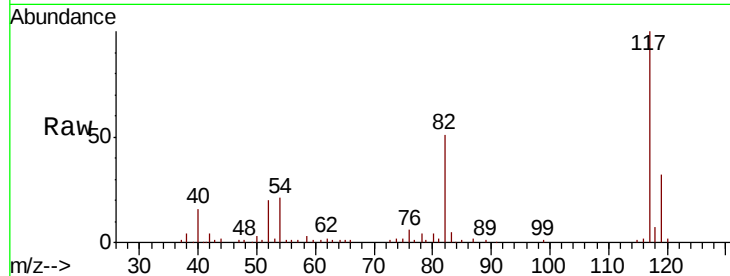




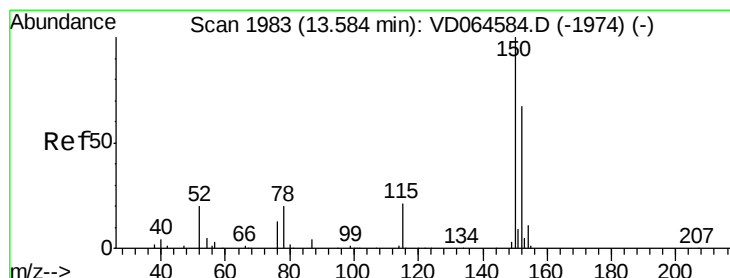
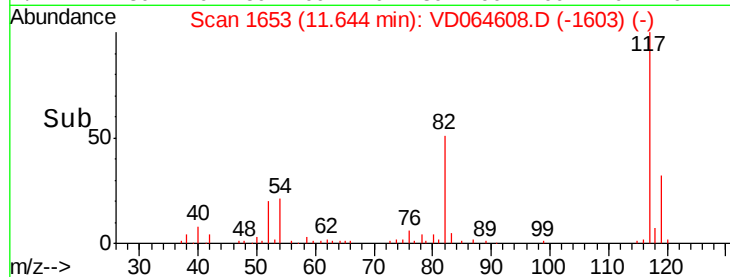
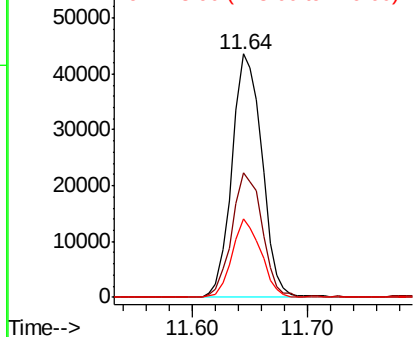
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064608.D
Acq: 26 Dec 2019 19:27

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

Tot Ion:117 Resp: 78378
Ion Ratio Lower Upper
117 100
82 51.1 42.2 63.4
119 32.3 26.0 39.0

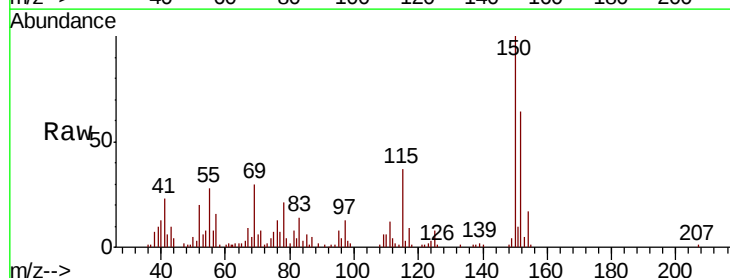


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064608.D
Acq: 26 Dec 2019 19:27

Tgt Ion:152 Resp: 42527
Ion Ratio Lower Upper
152 100
115 50.5 27.8 83.4
150 138.1 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

