

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123119\
 Data File : VD064698.D
 Acq On : 31 Dec 2019 16:44
 Operator : VA/SY
 Sample : K6463-02
 Misc : 7.60G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-6-(4-6)

Quant Time: Jan 01 07:39:23 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

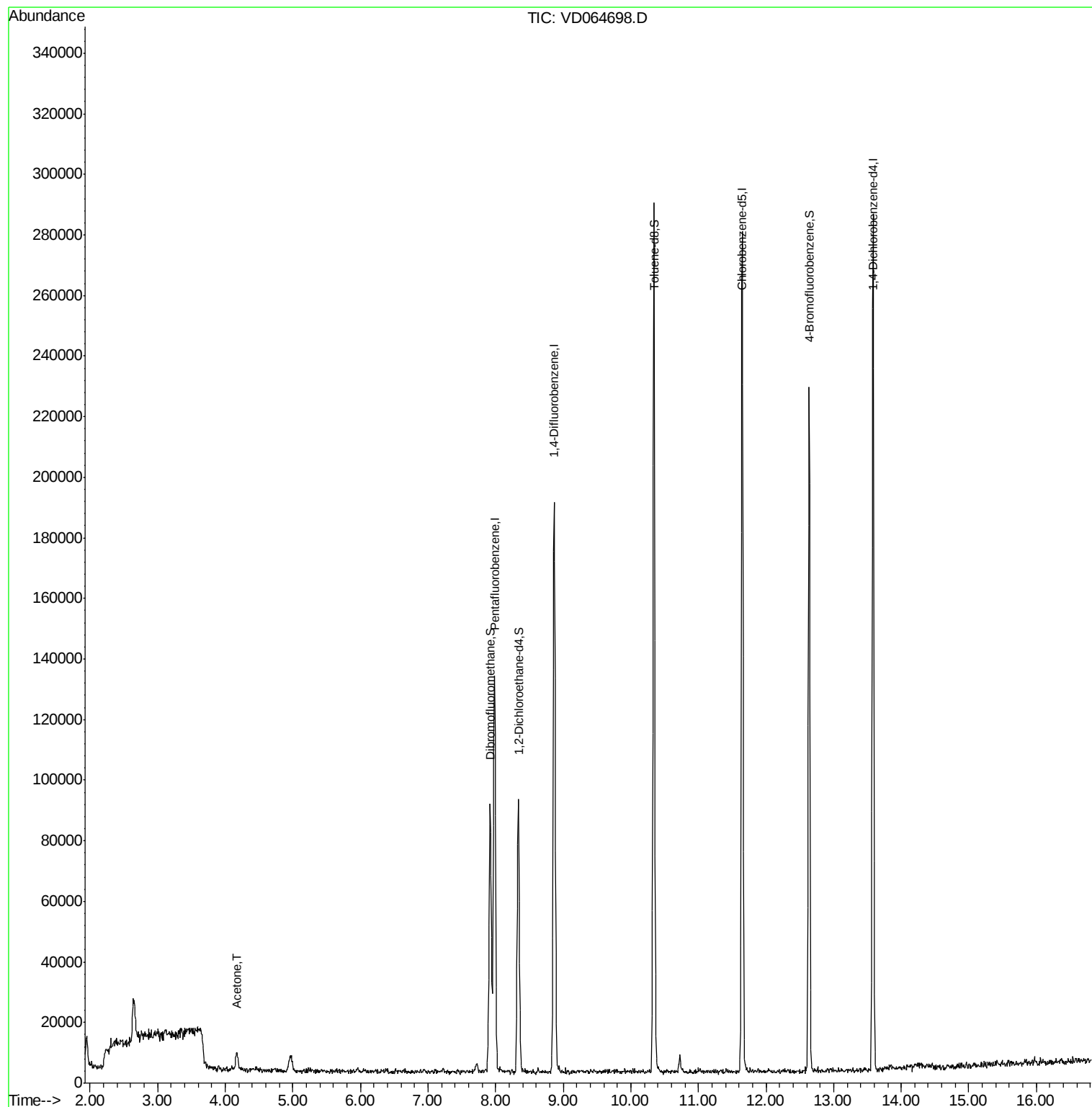
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	101668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	163946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	157139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	76430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	72080	80.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	160.80%	
35) Dibromofluoromethane	7.91	113	57839	57.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.00%	
50) Toluene-d8	10.34	98	194175	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.64	95	65010	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
Target Compounds						
16) Acetone	4.16	43	9598	49.709	ug/l	Qvalue 98

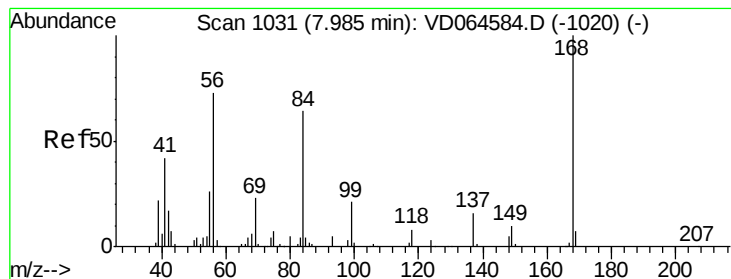
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064698.D

Acq: 31 Dec 2019 16:44

Instrument :

MSVOA_D

ClientSampleId :

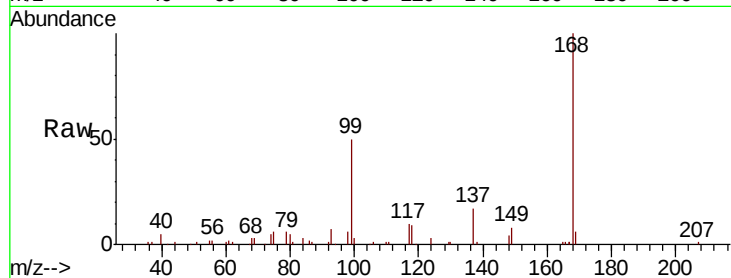
GP-6-(4-6)

Tot Ion:168 Resp: 101668

Ion Ratio Lower Upper

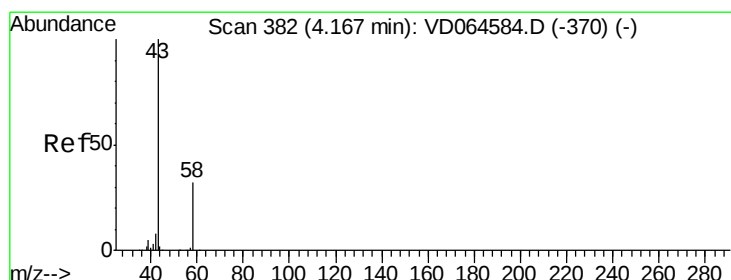
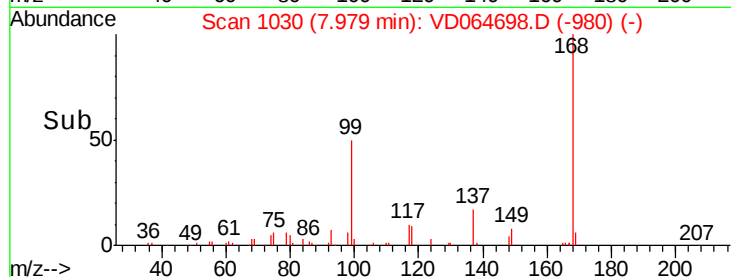
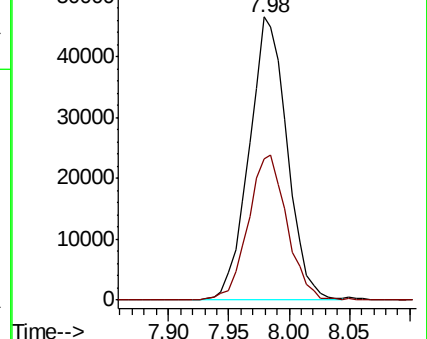
168 100

99 50.1 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: 49.709 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064698.D

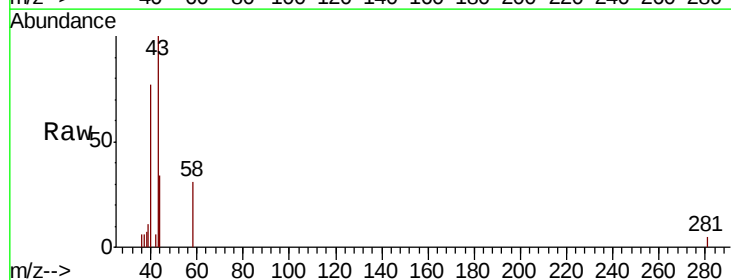
Acq: 31 Dec 2019 16:44

Tgt Ion: 43 Resp: 9598

Ion Ratio Lower Upper

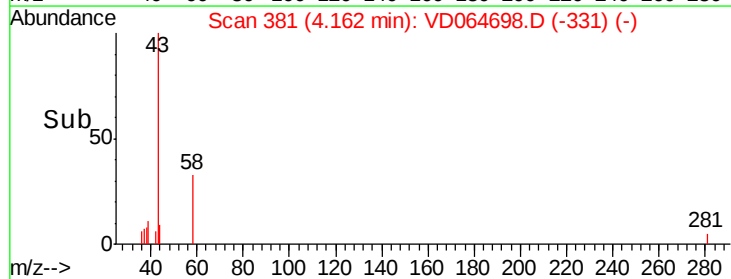
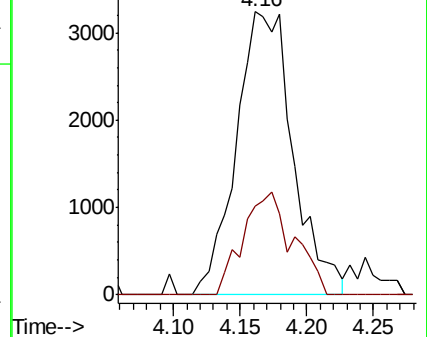
43 100

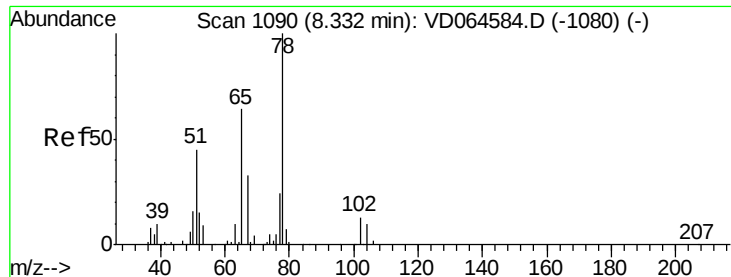
58 31.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

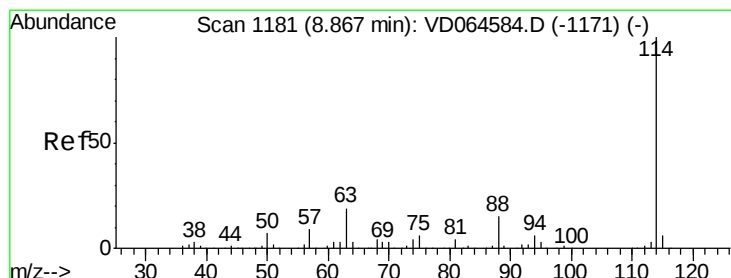
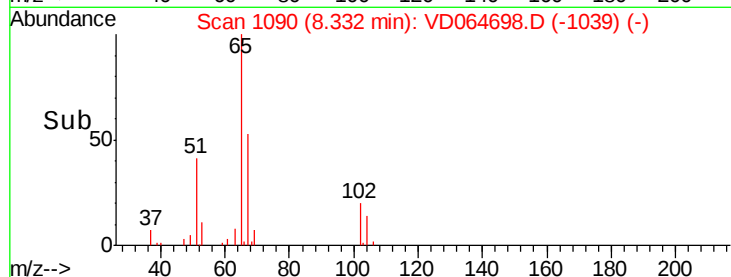
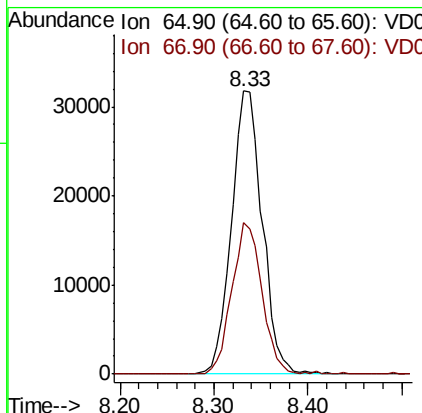
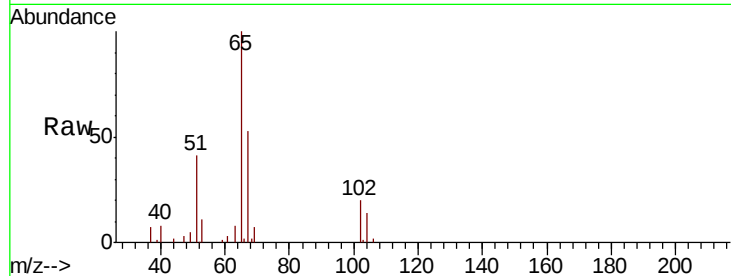




#33
 1,2-Dichloroethane-d4
 Concen: 80.402 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064698.D
 Acq: 31 Dec 2019 16:44

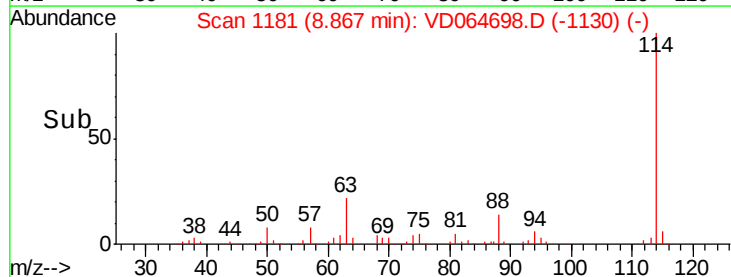
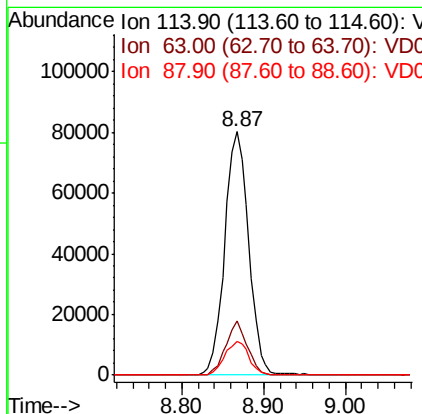
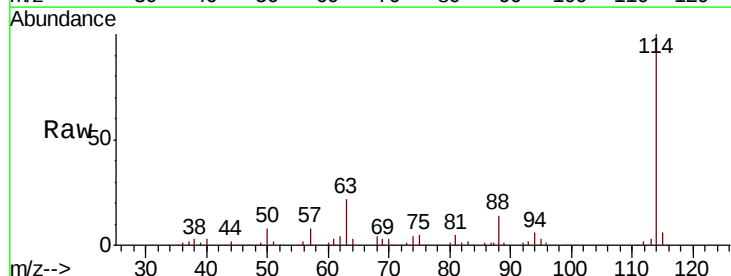
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-6-(4-6)

Tot Ion: 65 Resp: 72080
 Ion Ratio Lower Upper
 65 100
 67 52.1 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: VD064698.D
 Acq: 31 Dec 2019 16:44

Tgt Ion: 114 Resp: 163946
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 38.0
 88 13.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 57.503 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064698.D

Acq: 31 Dec 2019 16:44

Instrument :

MSVOA_D

ClientSampleId :

GP-6-(4-6)

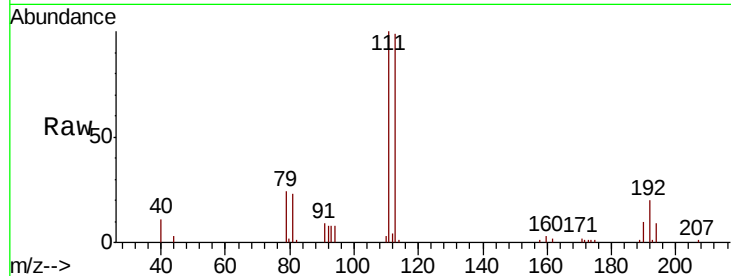
Tot Ion:113 Resp: 57839

Ion Ratio Lower Upper

113 100

111 104.1 80.6 121.0

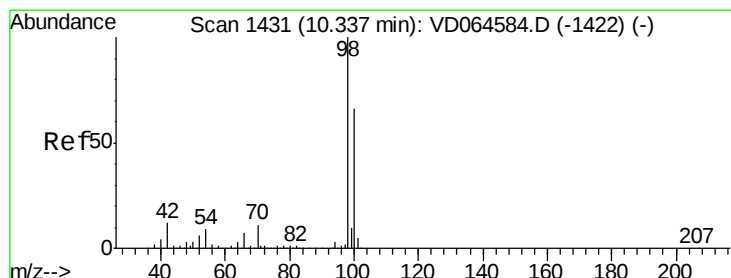
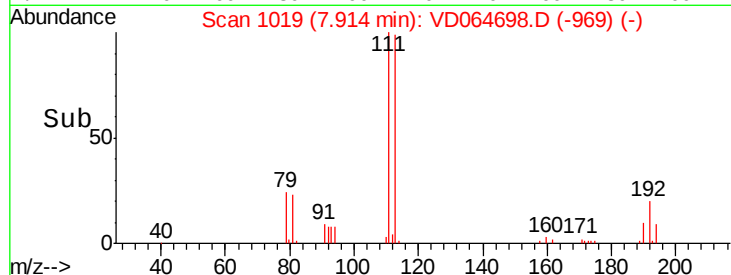
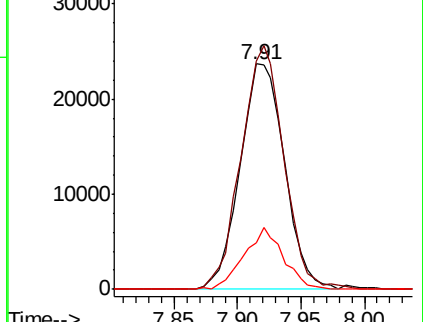
192 24.2 17.9 26.9



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: 50.406 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064698.D

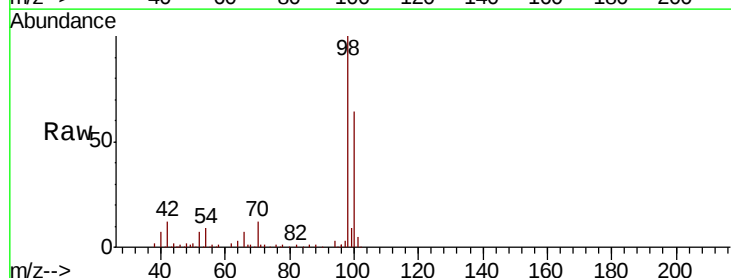
Acq: 31 Dec 2019 16:44

Tgt Ion: 98 Resp: 194175

Ion Ratio Lower Upper

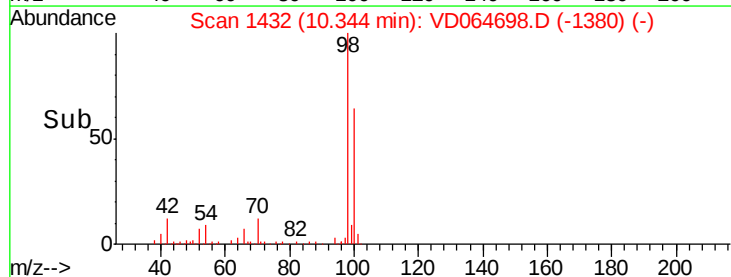
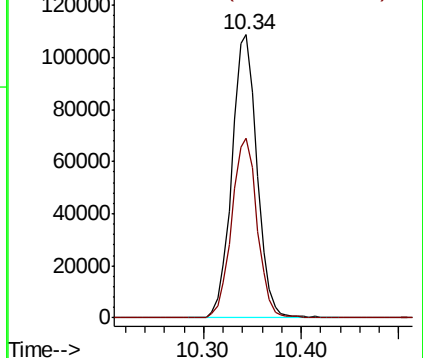
98 100

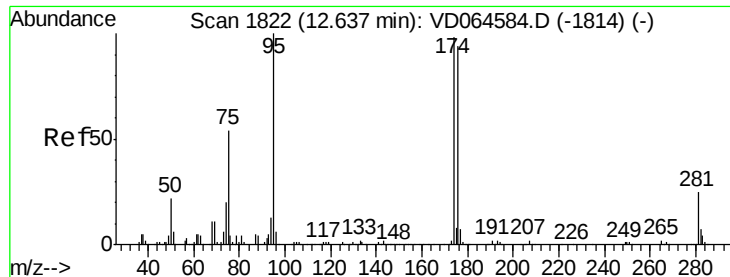
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

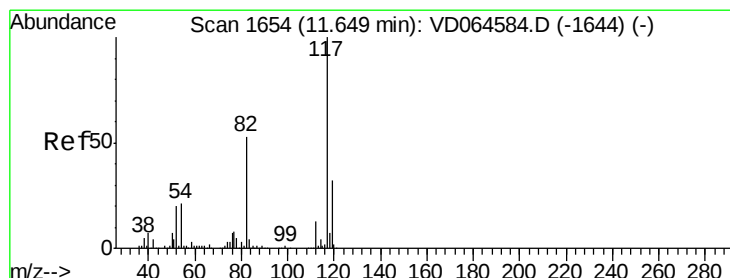
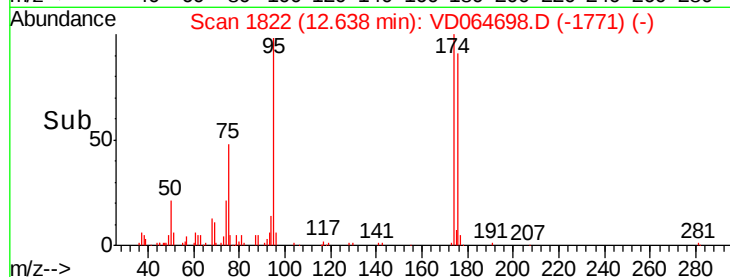
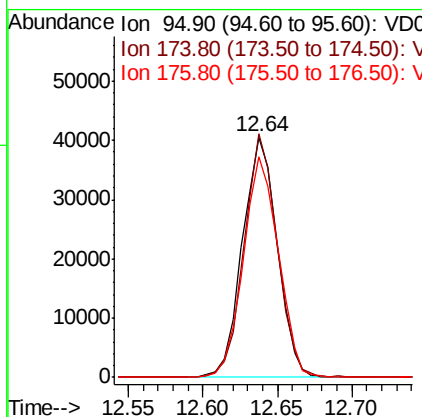
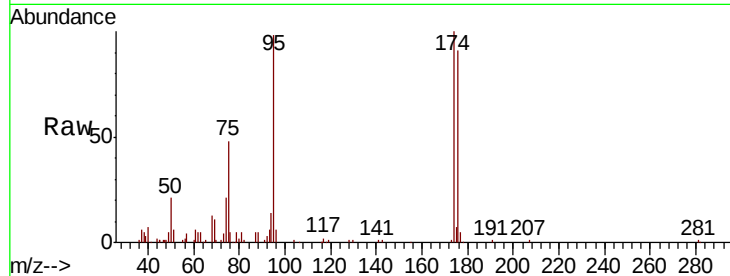




#62
4-Bromofluorobenzene
Concen: 53.369 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064698.D
Acq: 31 Dec 2019 16:44

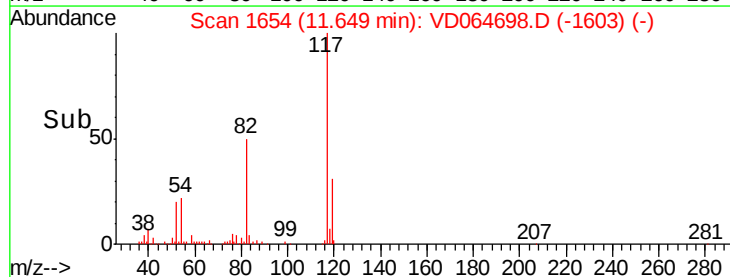
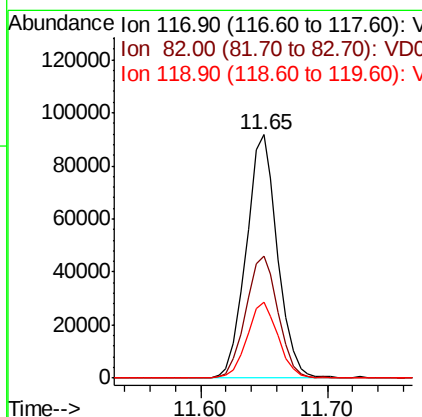
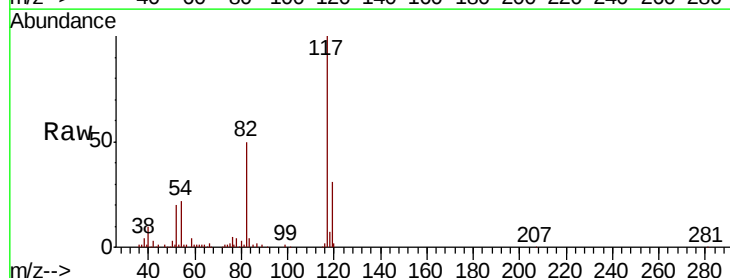
Instrument :
MSVOA_D
ClientSampled :
GP-6-(4-6)

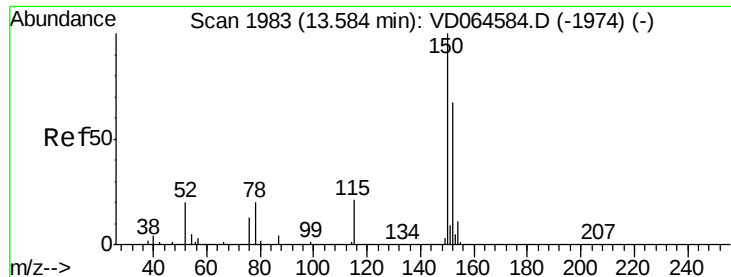
Tot Ion: 95 Resp: 65010
Ion Ratio Lower Upper
95 100
174 96.6 0.0 193.2
176 93.0 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064698.D
Acq: 31 Dec 2019 16:44

Tgt Ion: 117 Resp: 157139
Ion Ratio Lower Upper
117 100
82 50.2 42.2 63.4
119 31.1 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: VD064698.D

Acq: 31 Dec 2019 16:44

Instrument :

MSVOA_D

ClientSampleId :

GP-6-(4-6)

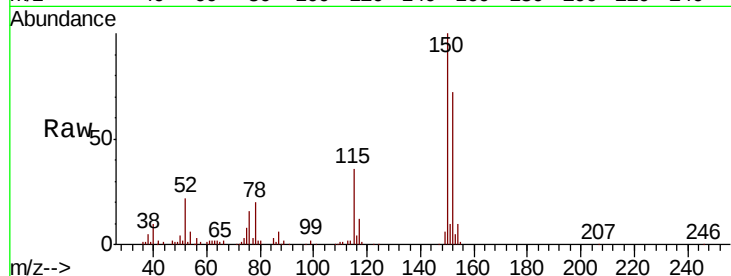
Tot Ion:152 Resp: 76430

Ion Ratio Lower Upper

152 100

115 53.0 27.8 83.4

150 153.7 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

