

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064812.D
 Acq On : 09 Jan 2020 12:57
 Operator : VA/SY
 Sample : L1060-01
 Misc : 5.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Jan 09 14:15:58 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

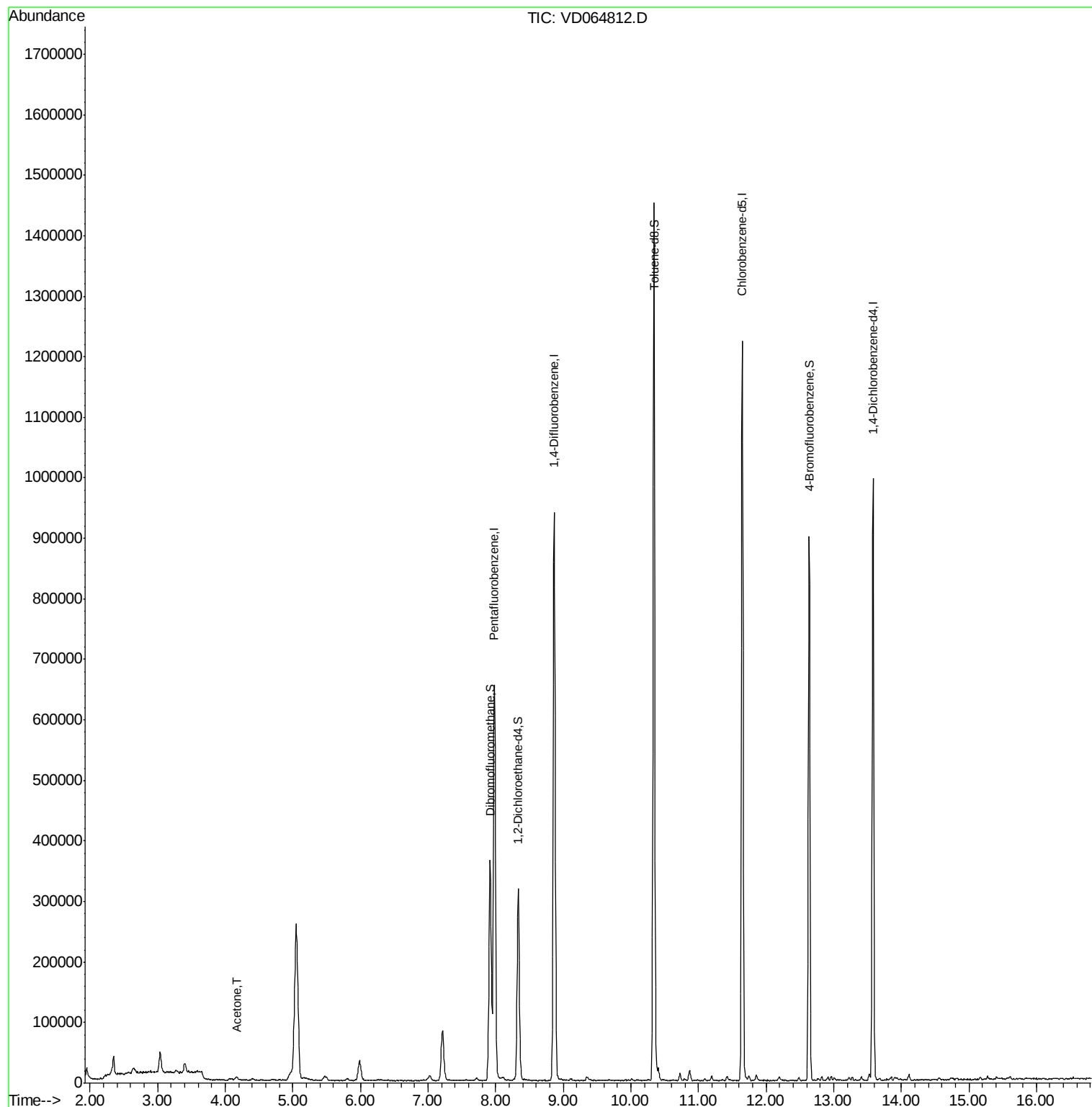
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	514258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	802295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	686404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	264047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	252999	55.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.58%	
35) Dibromofluoromethane	7.92	113	250271	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
50) Toluene-d8	10.34	98	959836	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.64	95	262175	43.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.96%	
Target Compounds						
16) Acetone	4.17	43	8820	12.328	ug/l	Qvalue 96

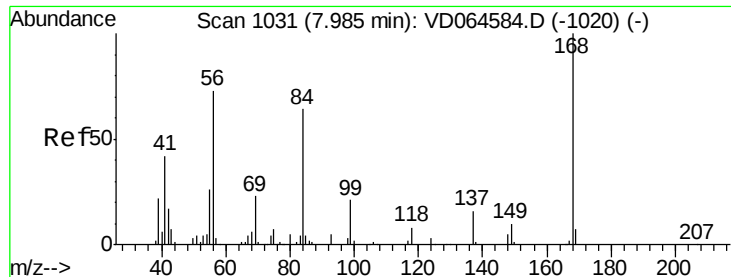
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064812.D

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Instrument :

MSVOA_D

ClientSampleId :

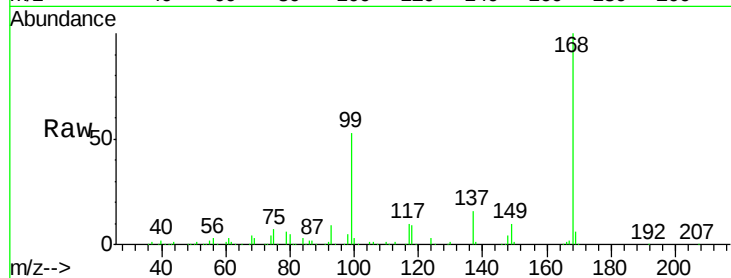
TP-1

Tot Ion:168 Resp: 514258

Ion Ratio Lower Upper

168 100

99 53.3 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

250000

200000

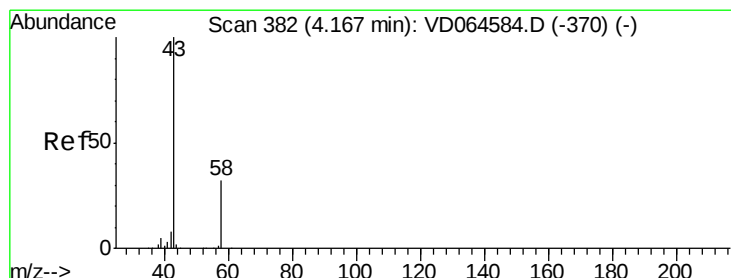
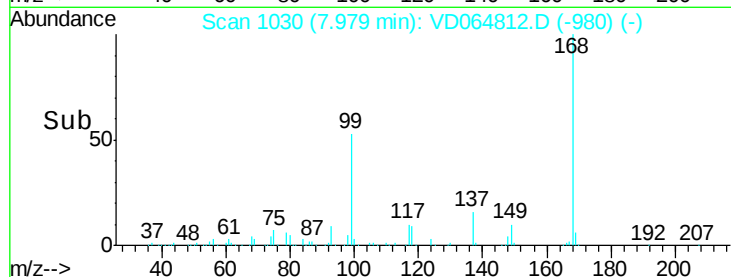
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.328 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064812.D

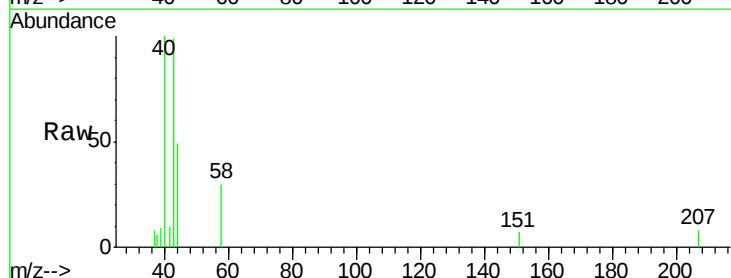
Acq: 09 Jan 2020 12:57

Tgt Ion: 43 Resp: 8820

Ion Ratio Lower Upper

43 100

58 30.2 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

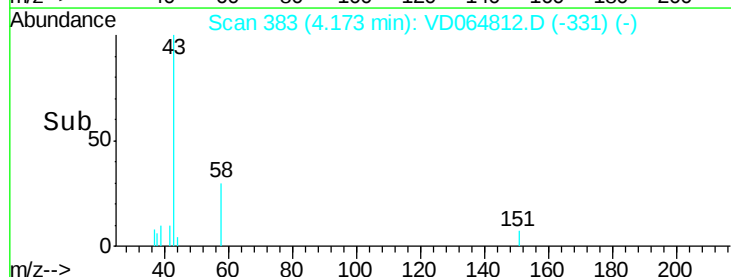
3000

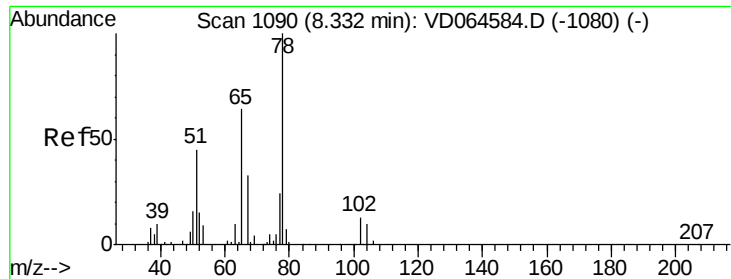
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.792 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064812.D

Acq: 09 Jan 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

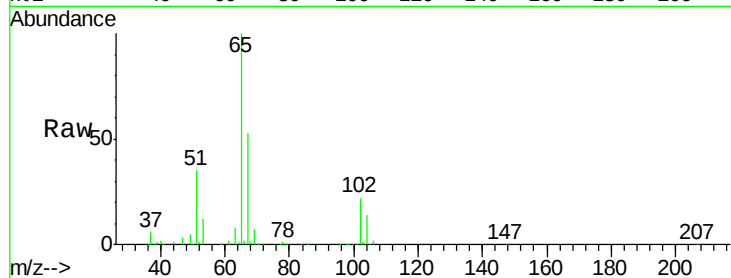
TP-1

Tot Ion: 65 Resp: 252999

Ion Ratio Lower Upper

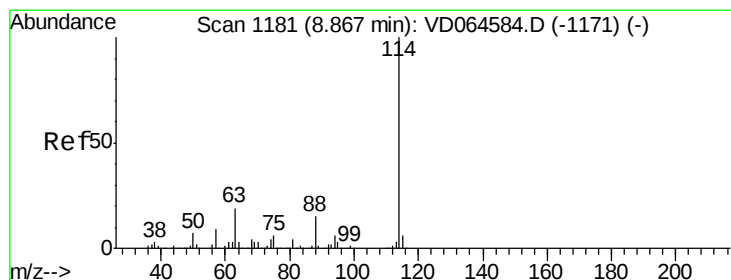
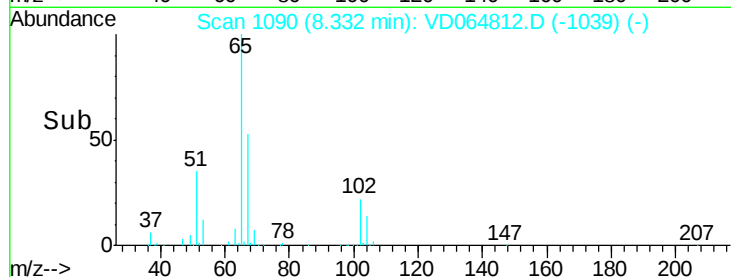
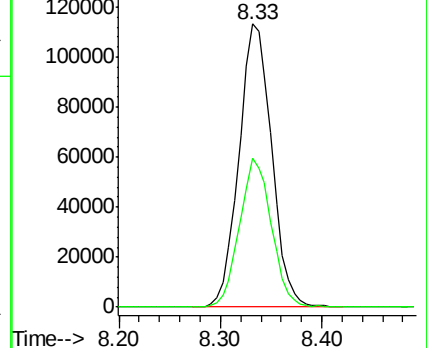
65 100

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: VD064812.D

Acq: 09 Jan 2020 12:57

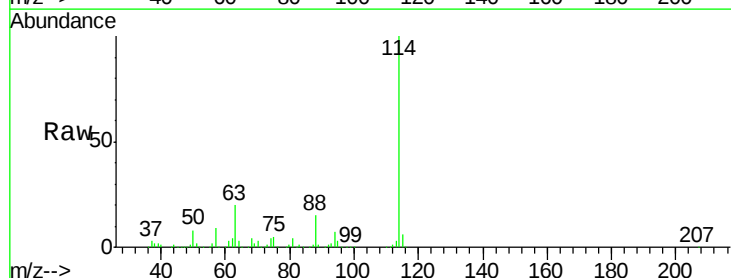
Tgt Ion: 114 Resp: 802295

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.0

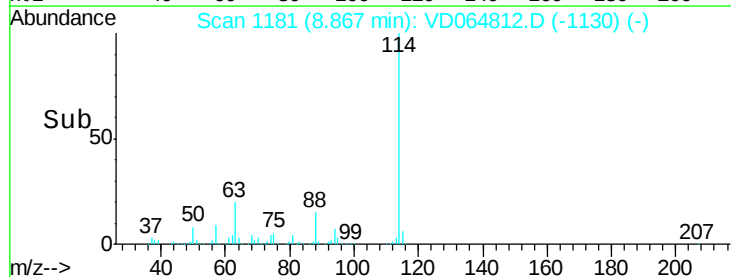
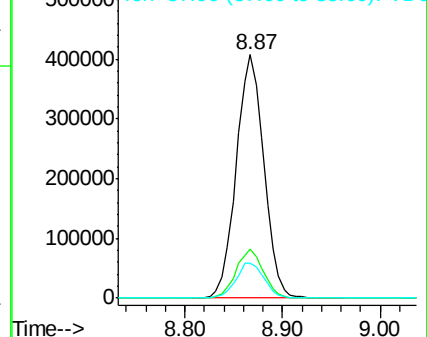
88 14.6 0.0 29.2



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: 50.845 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064812.D

Acq: 09 Jan 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

TP-1

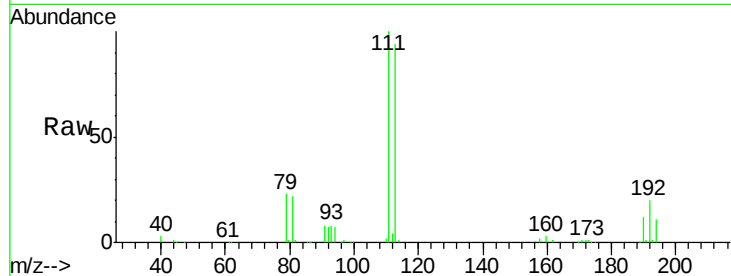
Tot Ion:113 Resp: 250271

Ion Ratio Lower Upper

113 100

111 103.5 80.6 121.0

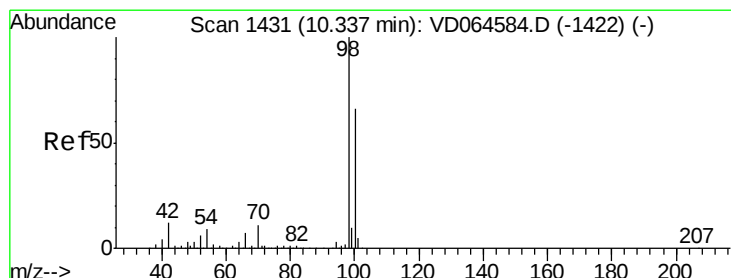
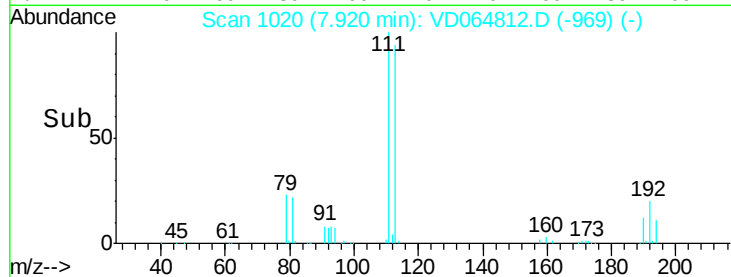
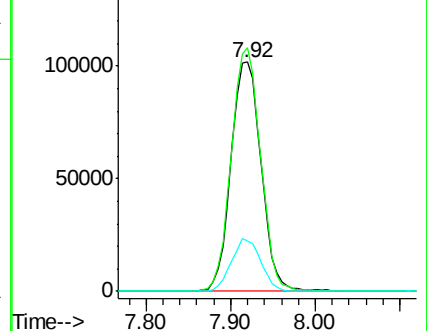
192 22.4 17.9 26.9



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: 50.915 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064812.D

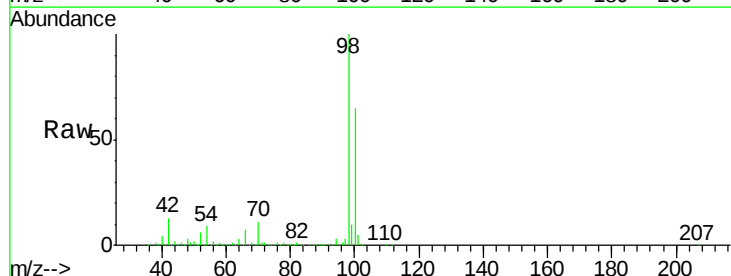
Acq: 09 Jan 2020 12:57

Tgt Ion: 98 Resp: 959836

Ion Ratio Lower Upper

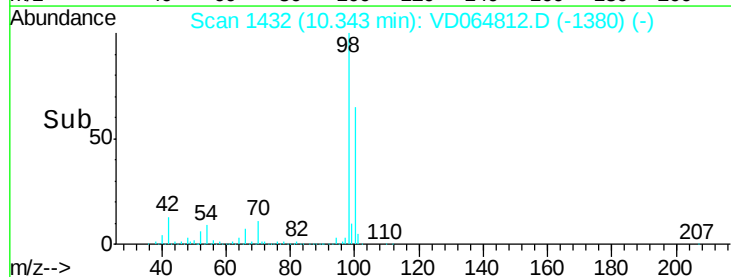
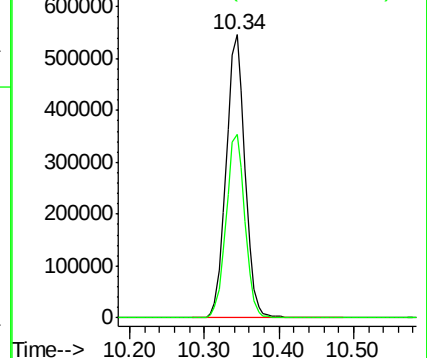
98 100

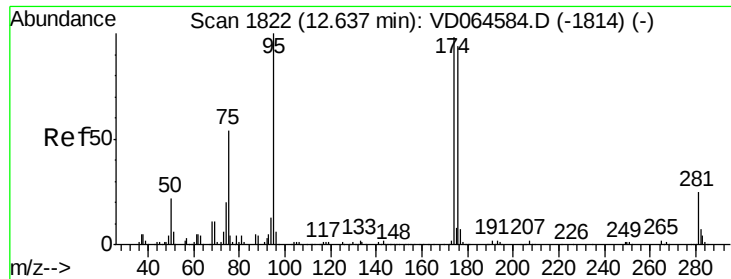
100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

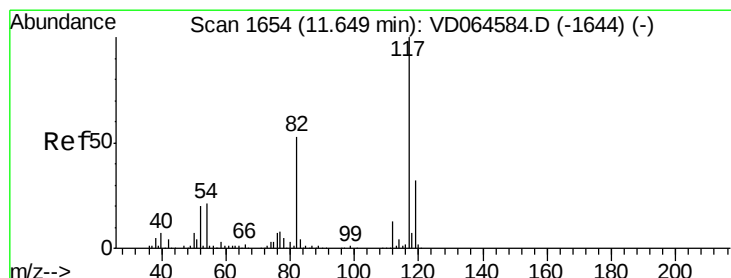
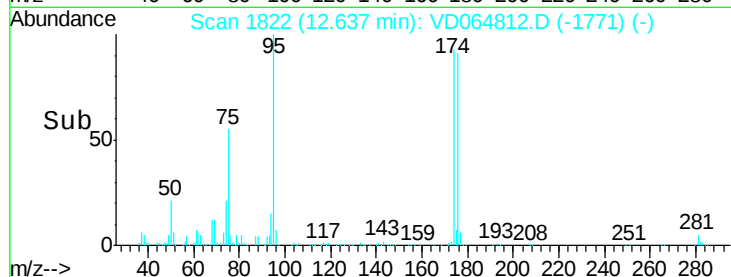
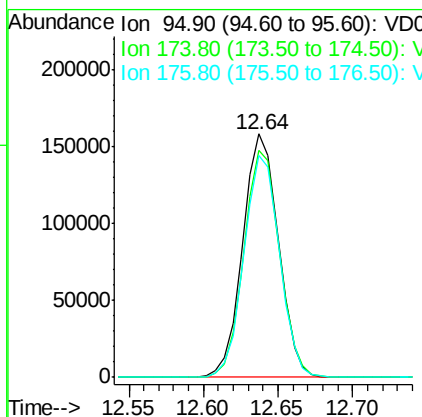
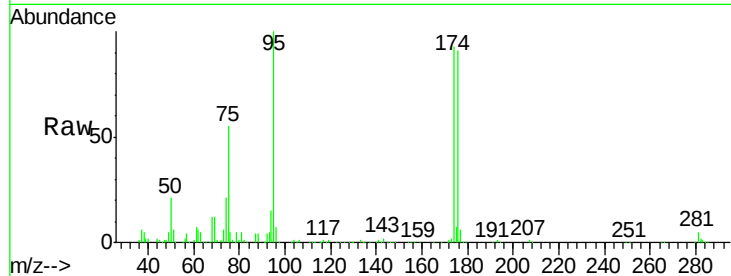




#62
4-Bromofluorobenzene
Concen: 43.981 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064812.D
Acq: 09 Jan 2020 12:57

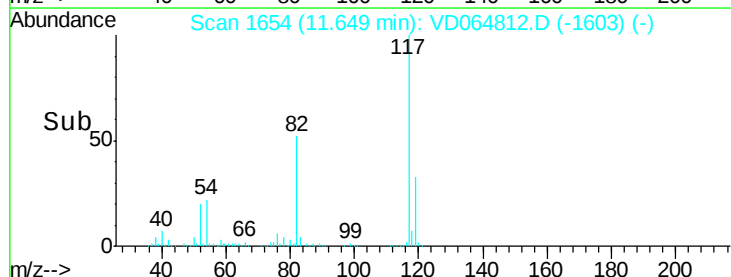
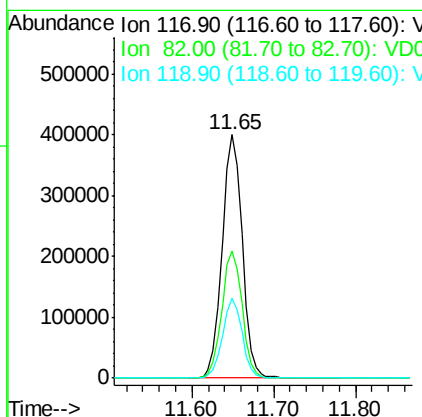
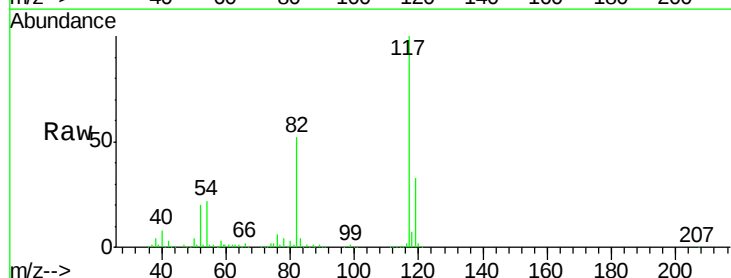
Instrument :
MSVOA_D
ClientSampleId :
TP-1

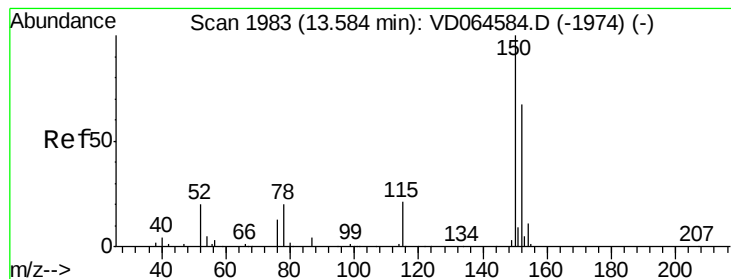
Tot Ion: 95 Resp: 262175
Ion Ratio Lower Upper
95 100
174 92.8 0.0 193.2
176 90.5 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064812.D
Acq: 09 Jan 2020 12:57

Tgt Ion: 117 Resp: 686404
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.4
119 32.9 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: VD064812.D

Acq: 09 Jan 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

TP-1

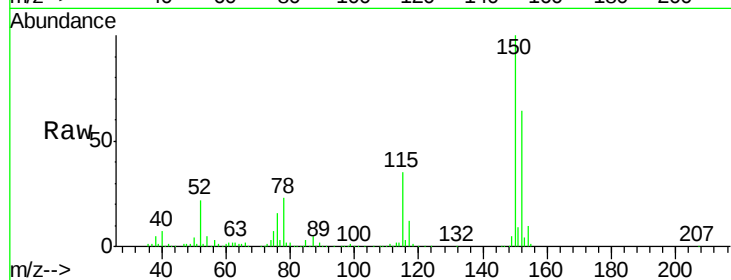
Tot Ion:152 Resp: 264047

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

150 156.9 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

