

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111219\
 Data File : VD064206.D
 Acq On : 12 Nov 2019 19:57
 Operator : VA/SY
 Sample : K5782-05
 Misc : 9.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2A-COMP

Quant Time: Nov 13 04:52:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	874771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1279206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1362293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	734046	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	337180	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
35) Dibromofluoromethane	7.92	113	377893	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
50) Toluene-d8	10.34	98	1542087	55.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.34%	
62) 4-Bromofluorobenzene	12.64	95	636598	66.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.72%	

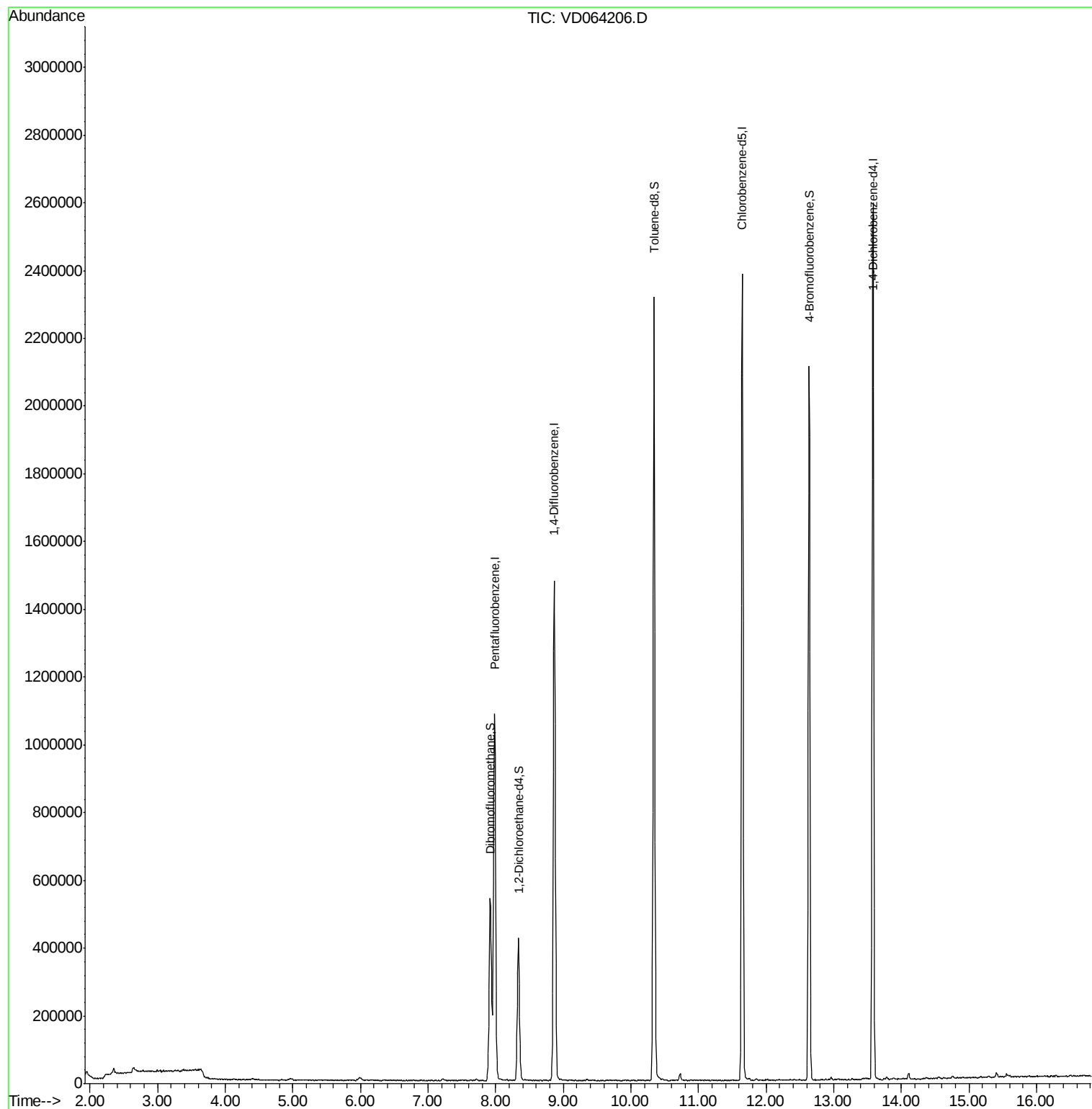
Target Compounds Qvalue

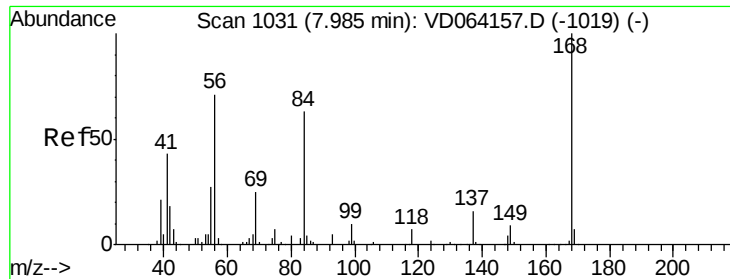
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064206.D

Acq: 12 Nov 2019 19:57

Instrument :

MSVOA_D

ClientSampleId :

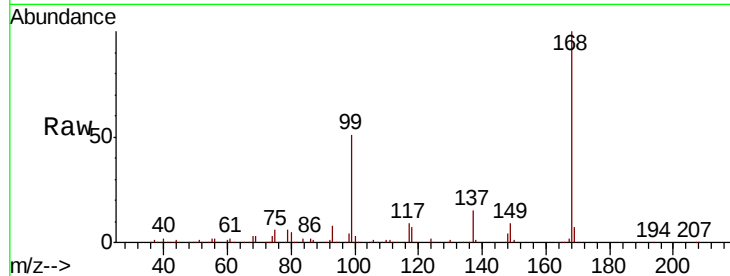
TP-2A-COMP

Tot Ion:168 Resp: 874771

Ion Ratio Lower Upper

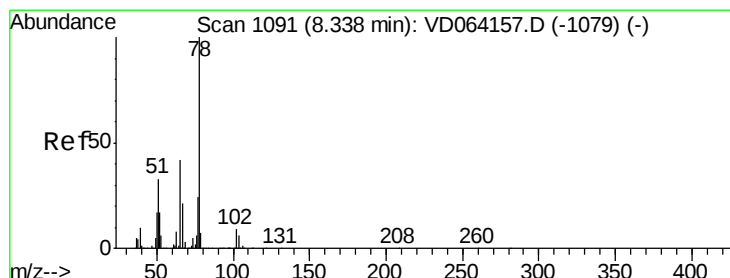
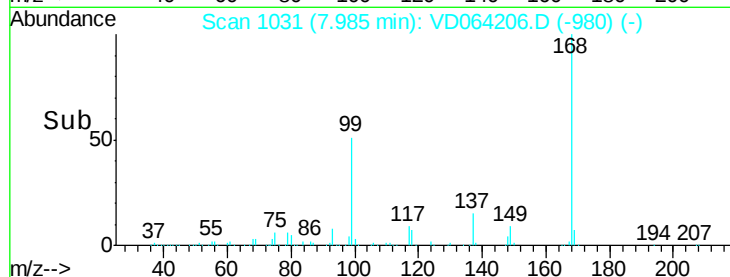
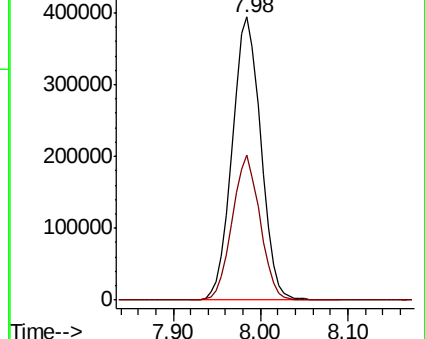
168 100

99 51.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 46.867 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064206.D

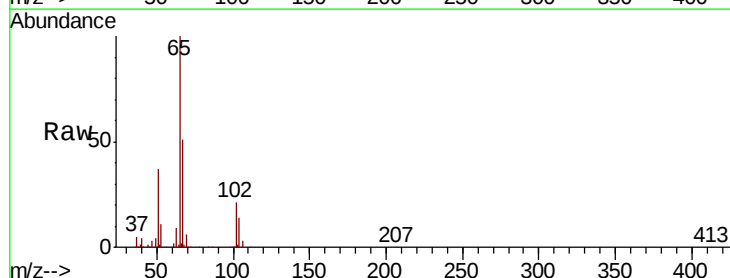
Acq: 12 Nov 2019 19:57

Tgt Ion: 65 Resp: 337180

Ion Ratio Lower Upper

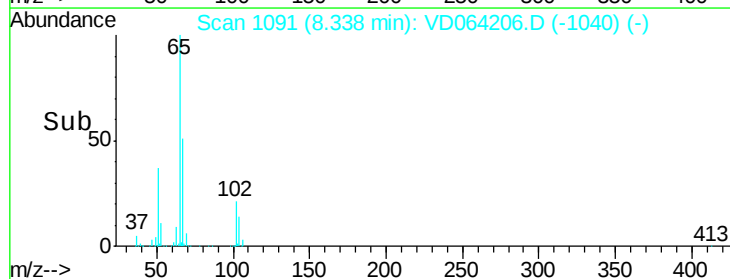
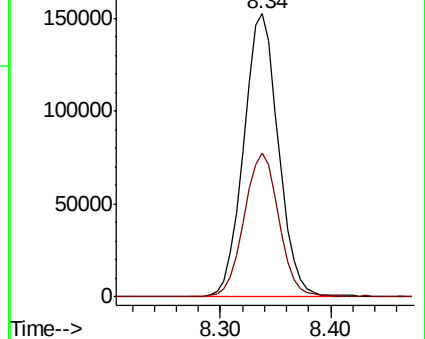
65 100

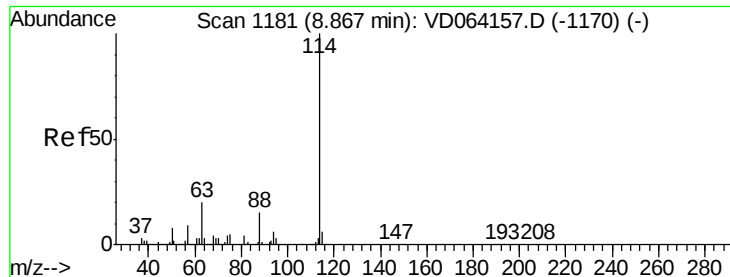
67 51.0 0.0 104.4



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: VD064206.D

Acq: 12 Nov 2019 19:57

Instrument :

MSVOA_D

ClientSampleId :

TP-2A-COMP

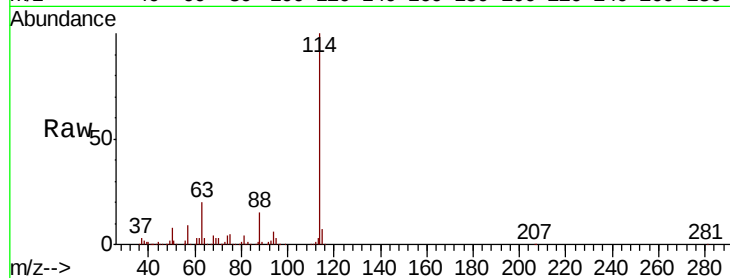
Tot Ion:114 Resp: 1279206

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 15.3 0.0 30.2



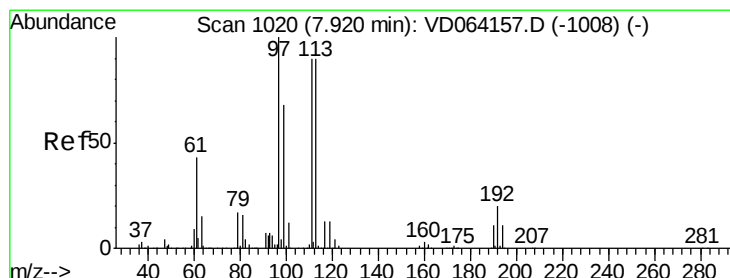
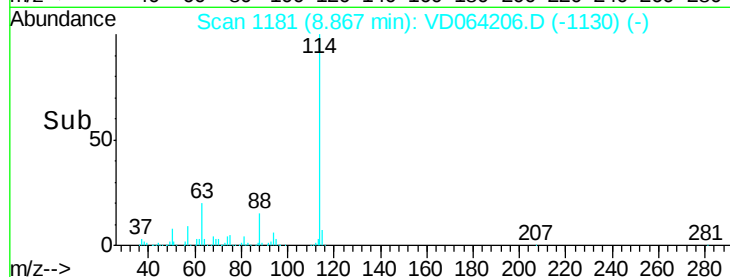
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

Time-->



#35

Dibromofluoromethane

Concen: 51.464 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064206.D

Acq: 12 Nov 2019 19:57

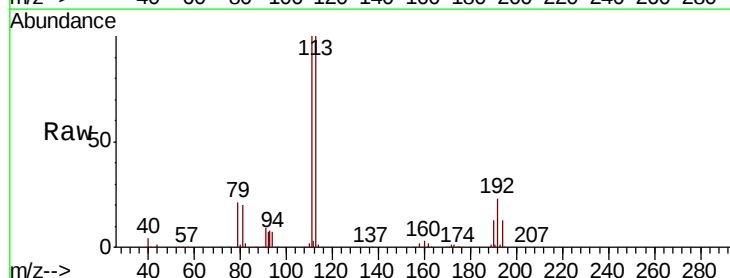
Tgt Ion:113 Resp: 377893

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

192 23.9 18.8 28.2



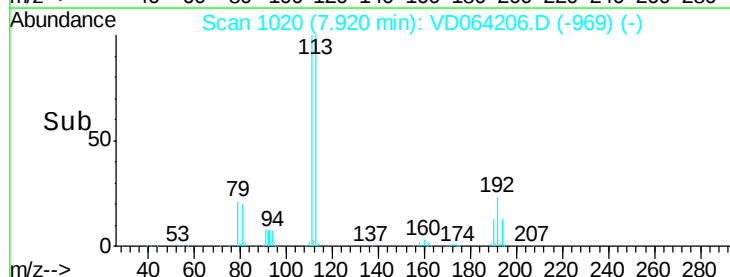
Abundance Ion 112.80 (112.50 to 113.50): V

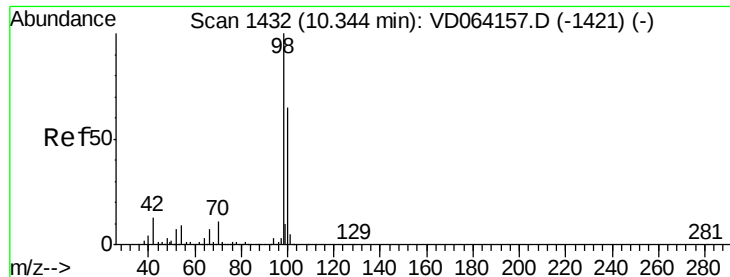
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.92

Time-->

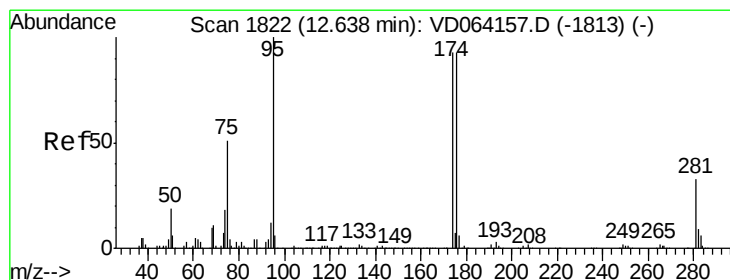
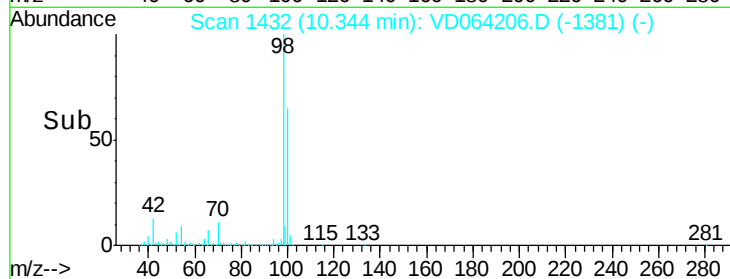
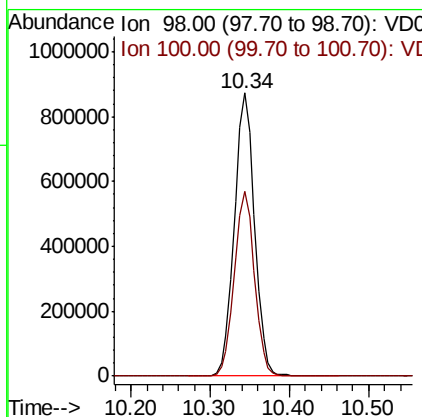
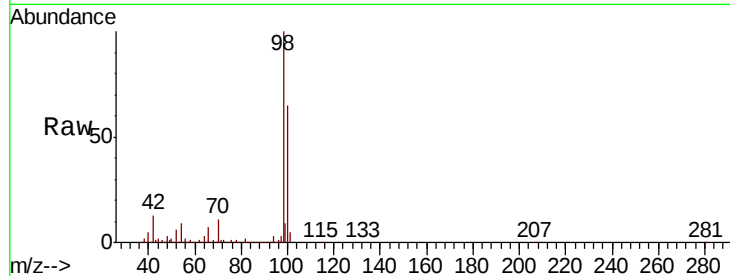




#50
Toluene-d8
Concen: 55.670 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064206.D
Acq: 12 Nov 2019 19:57

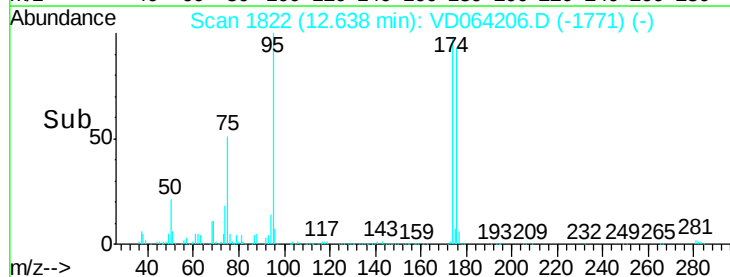
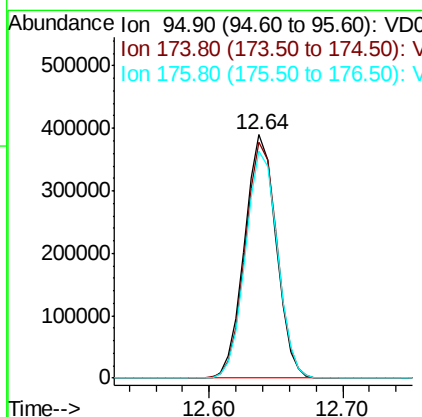
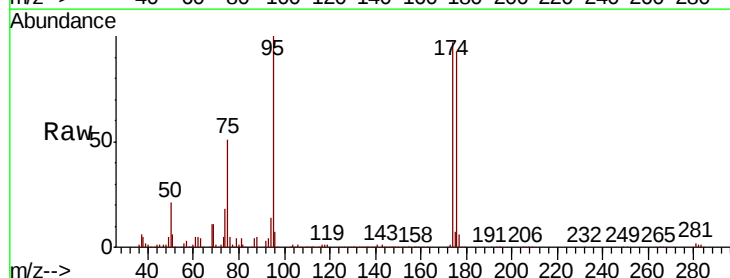
Instrument :
MSVOA_D
ClientSampleId :
TP-2A-COMP

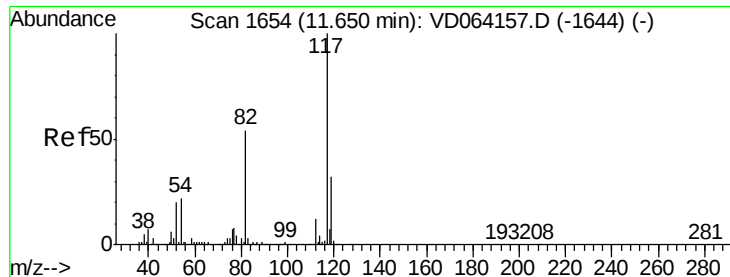
Tot Ion: 98 Resp: 1542087
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 66.362 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064206.D
Acq: 12 Nov 2019 19:57

Tgt Ion: 95 Resp: 636598
Ion Ratio Lower Upper
95 100
174 97.8 0.0 183.6
176 94.4 0.0 180.2

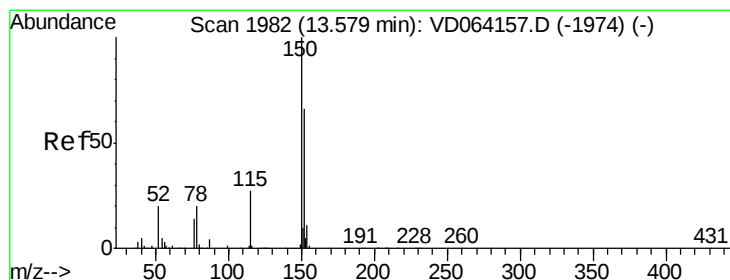
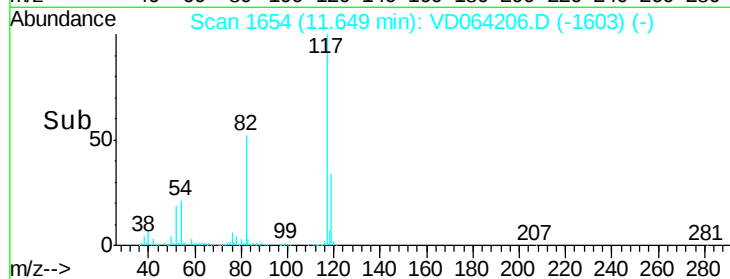
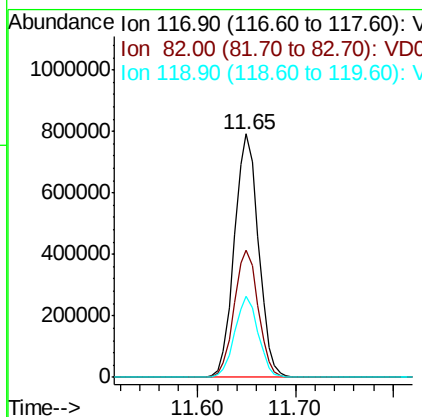
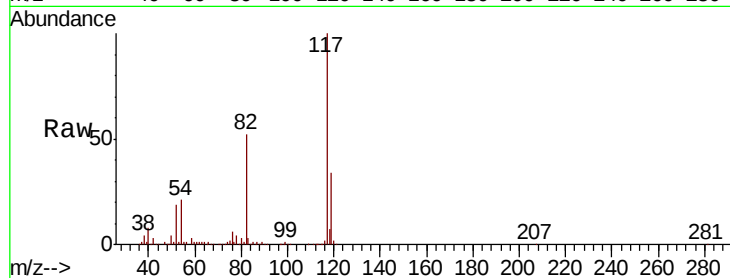




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064206.D
Acq: 12 Nov 2019 19:57

Instrument :
MSVOA_D
ClientSampleId :
TP-2A-COMP

Tot Ion:117 Resp: 1362293
Ion Ratio Lower Upper
117 100
82 52.0 42.8 64.2
119 33.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064206.D
Acq: 12 Nov 2019 19:57

Tgt Ion:152 Resp: 734046
Ion Ratio Lower Upper
152 100
115 54.4 27.4 82.2
150 154.9 0.0 351.6

