

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111119\
 Data File : VD064177.D
 Acq On : 11 Nov 2019 14:50
 Operator : VA/SY
 Sample : K5673-01
 Misc : 5.65G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-05-110819

Quant Time: Nov 12 03:10:18 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	637104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1046486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1022000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	515105	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	315345	60.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.36%	
35) Dibromofluoromethane	7.91	113	324887	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	10.34	98	1267718	55.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.88%	
62) 4-Bromofluorobenzene	12.64	95	486488	61.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.98%	

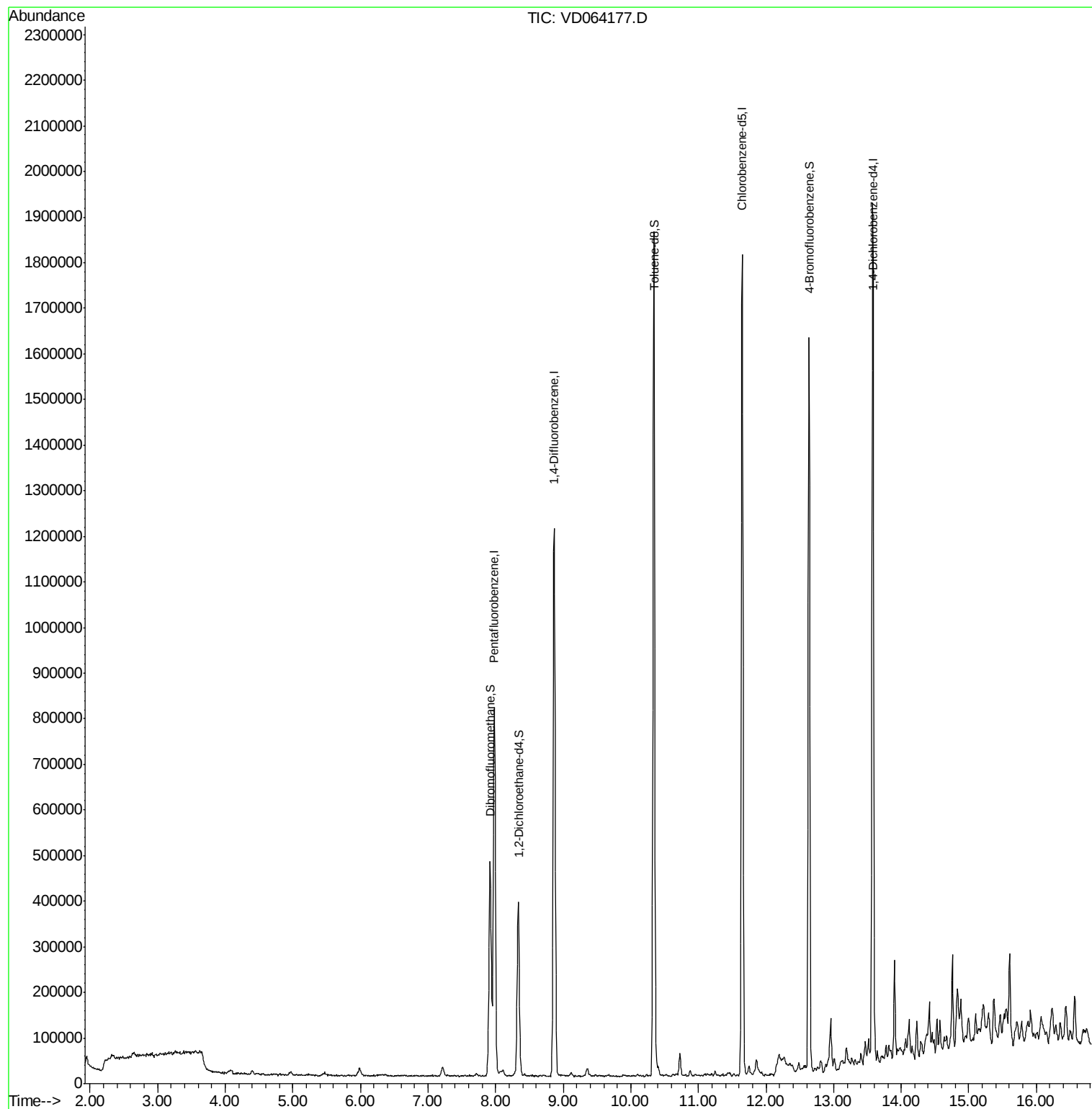
Target Compounds	Qvalue
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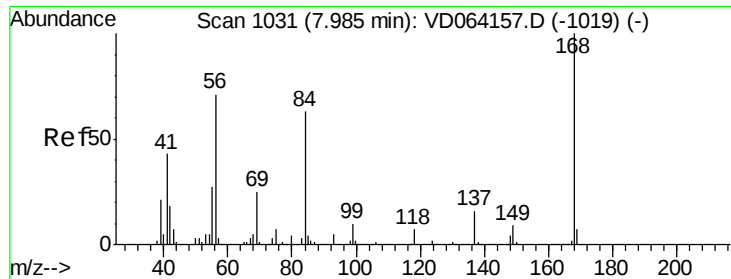
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064177.D

Acq: 11 Nov 2019 14:50

Instrument :

MSVOA_D

ClientSampleId :

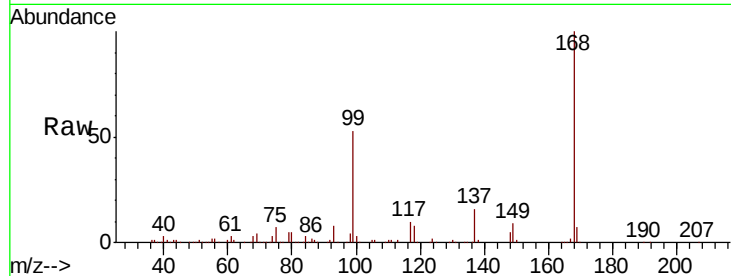
PL-05-110819

Tot Ion:168 Resp: 637104

Ion Ratio Lower Upper

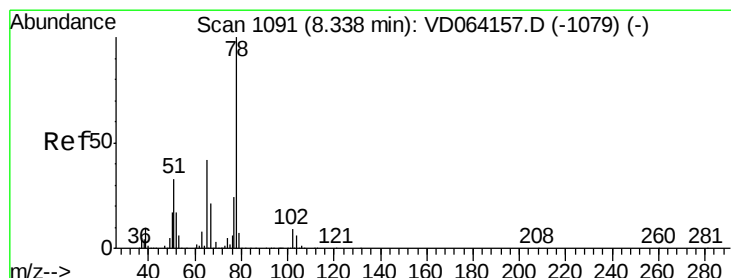
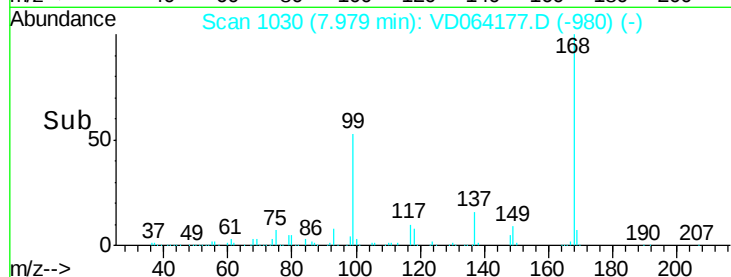
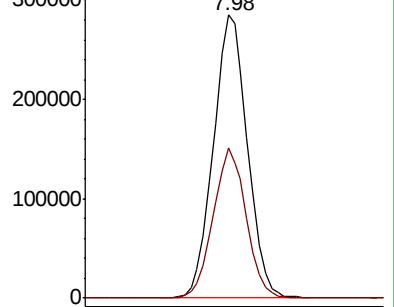
168 100

99 52.7 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: 60.183 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064177.D

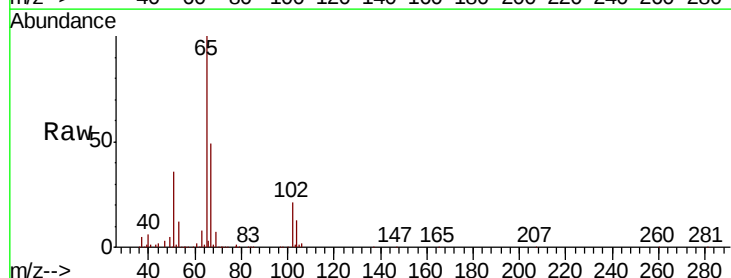
Acq: 11 Nov 2019 14:50

Tgt Ion: 65 Resp: 315345

Ion Ratio Lower Upper

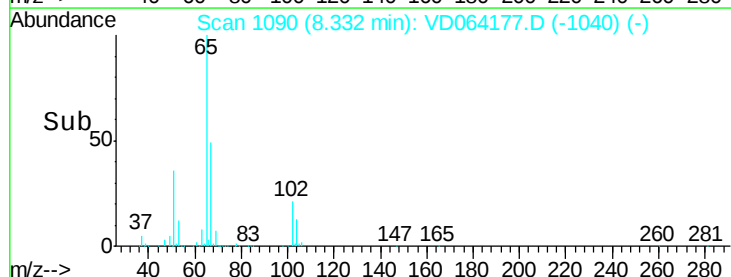
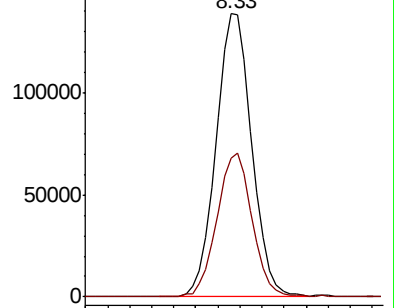
65 100

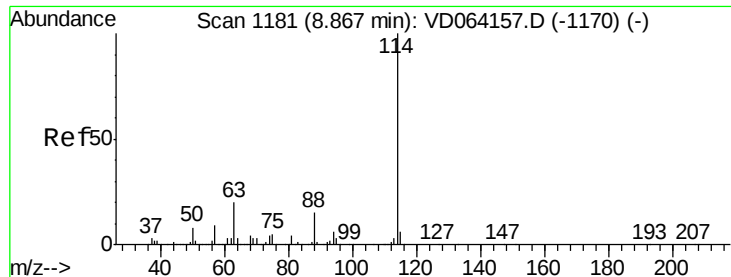
67 50.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

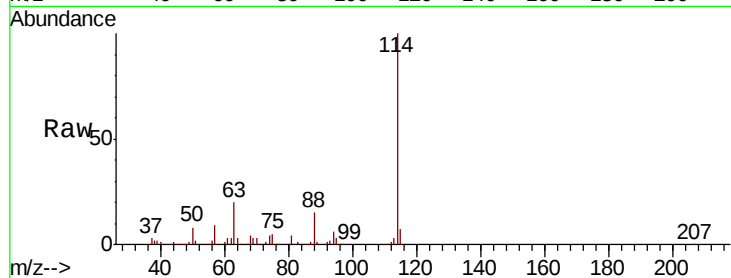




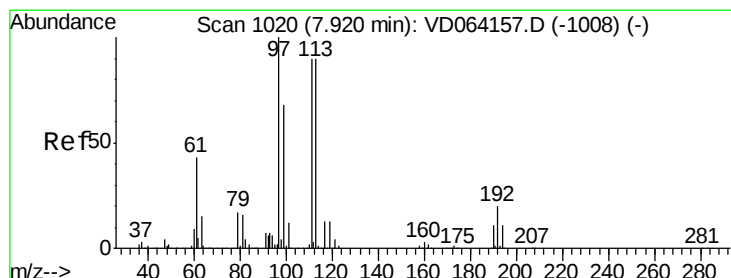
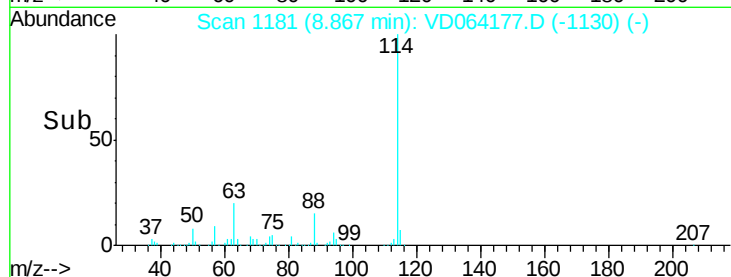
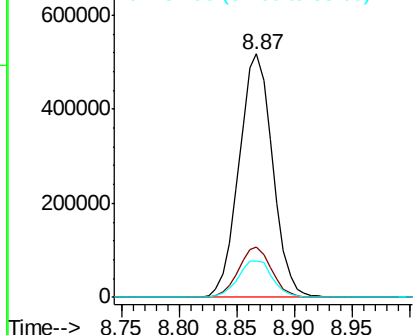
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064177.D
 Acq: 11 Nov 2019 14:50

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-05-110819

Tot Ion:114 Resp: 1046486
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 14.8 0.0 30.2

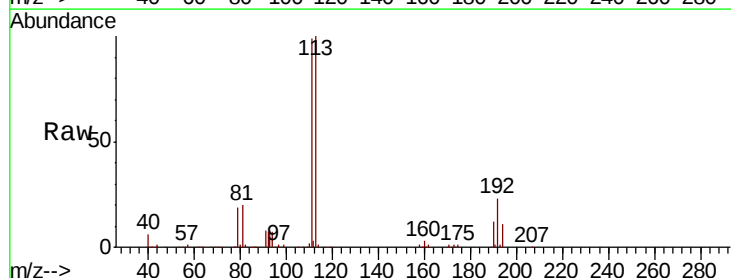


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

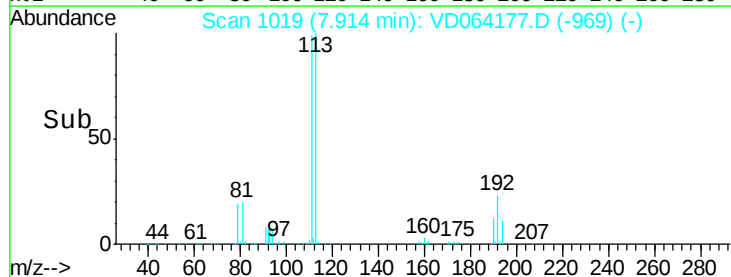
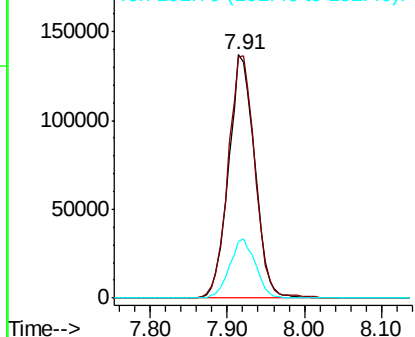


#35
 Dibromofluoromethane
 Concen: 54.085 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064177.D
 Acq: 11 Nov 2019 14:50

Tgt Ion:113 Resp: 324887
 Ion Ratio Lower Upper
 113 100
 111 102.0 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

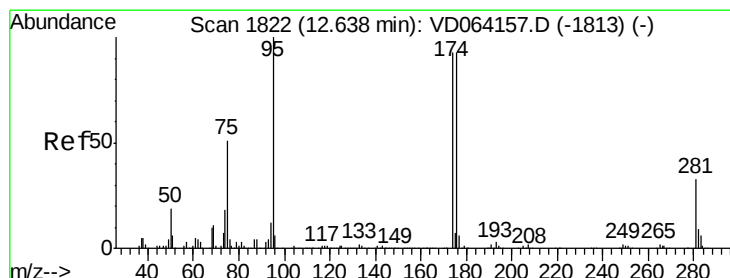
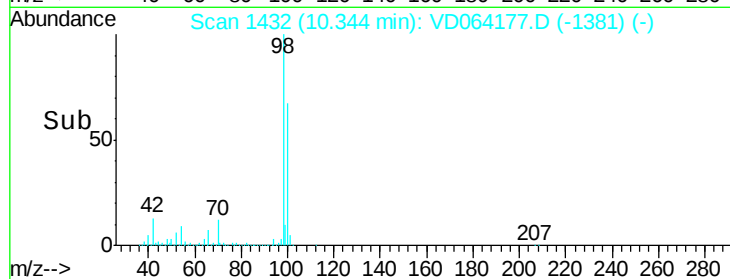
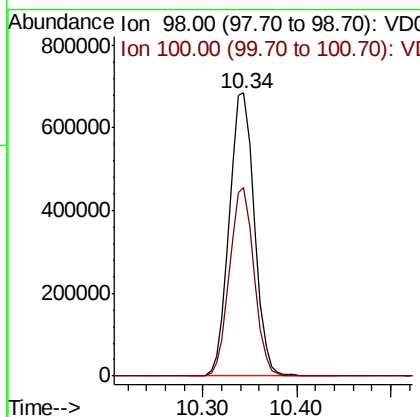
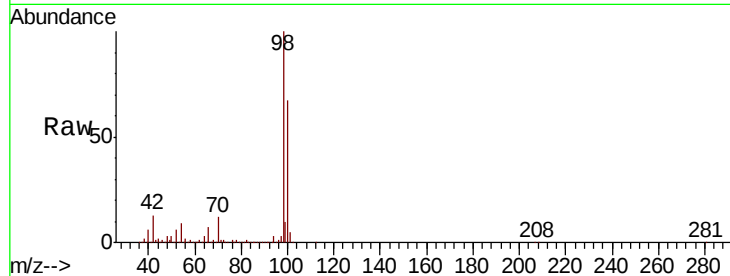




#50
Toluene-d8
Concen: 55.943 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064177.D
Acq: 11 Nov 2019 14:50

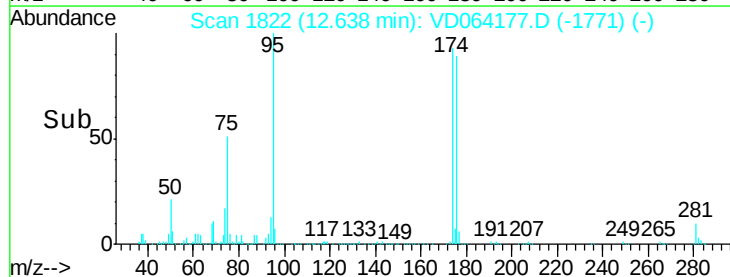
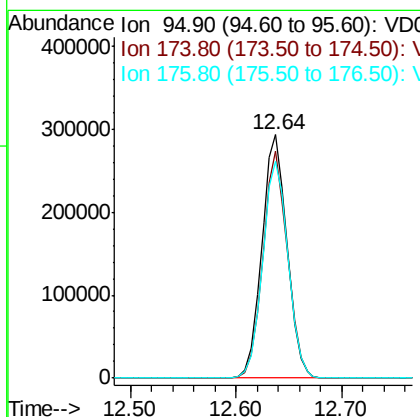
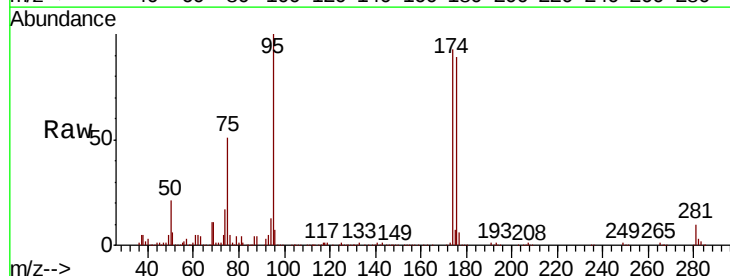
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110819

Tot Ion: 98 Resp: 1267718
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 61.992 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064177.D
Acq: 11 Nov 2019 14:50

Tgt Ion: 95 Resp: 486488
Ion Ratio Lower Upper
95 100
174 90.4 0.0 183.6
176 89.5 0.0 180.2

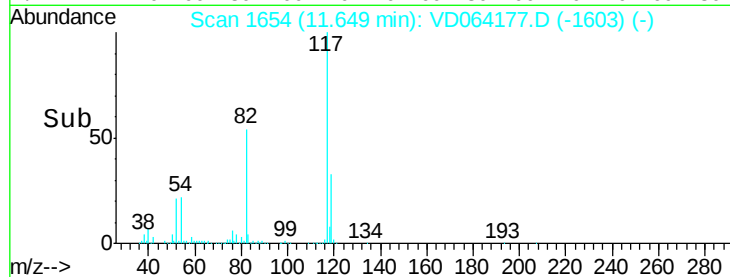
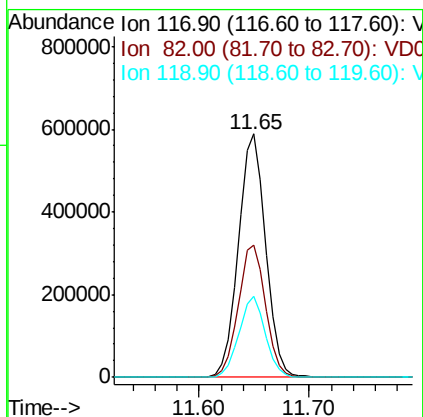
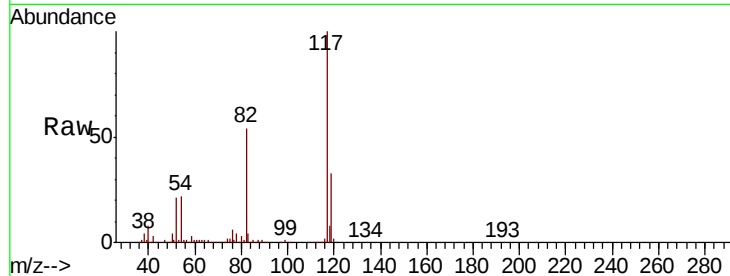




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064177.D
Acq: 11 Nov 2019 14:50

Instrument :
MSVOA_D
ClientSampleId :
PL-05-110819

Tot Ion:117 Resp: 1022000
Ion Ratio Lower Upper
117 100
82 54.4 42.8 64.2
119 33.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD064177.D
Acq: 11 Nov 2019 14:50

Tgt Ion:152 Resp: 515105
Ion Ratio Lower Upper
152 100
115 55.0 27.4 82.2
150 154.8 0.0 351.6

