

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111119\
 Data File : VD064182.D
 Acq On : 11 Nov 2019 17:14
 Operator : VA/SY
 Sample : K5760-07
 Misc : 5.90G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 3425

Quant Time: Nov 12 03:22:27 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	540565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	912778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	906411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	440201	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	296763	66.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.50%	
35) Dibromofluoromethane	7.91	113	293596	56.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.08%	
50) Toluene-d8	10.34	98	1104569	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	
62) 4-Bromofluorobenzene	12.64	95	423566	61.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.76%	

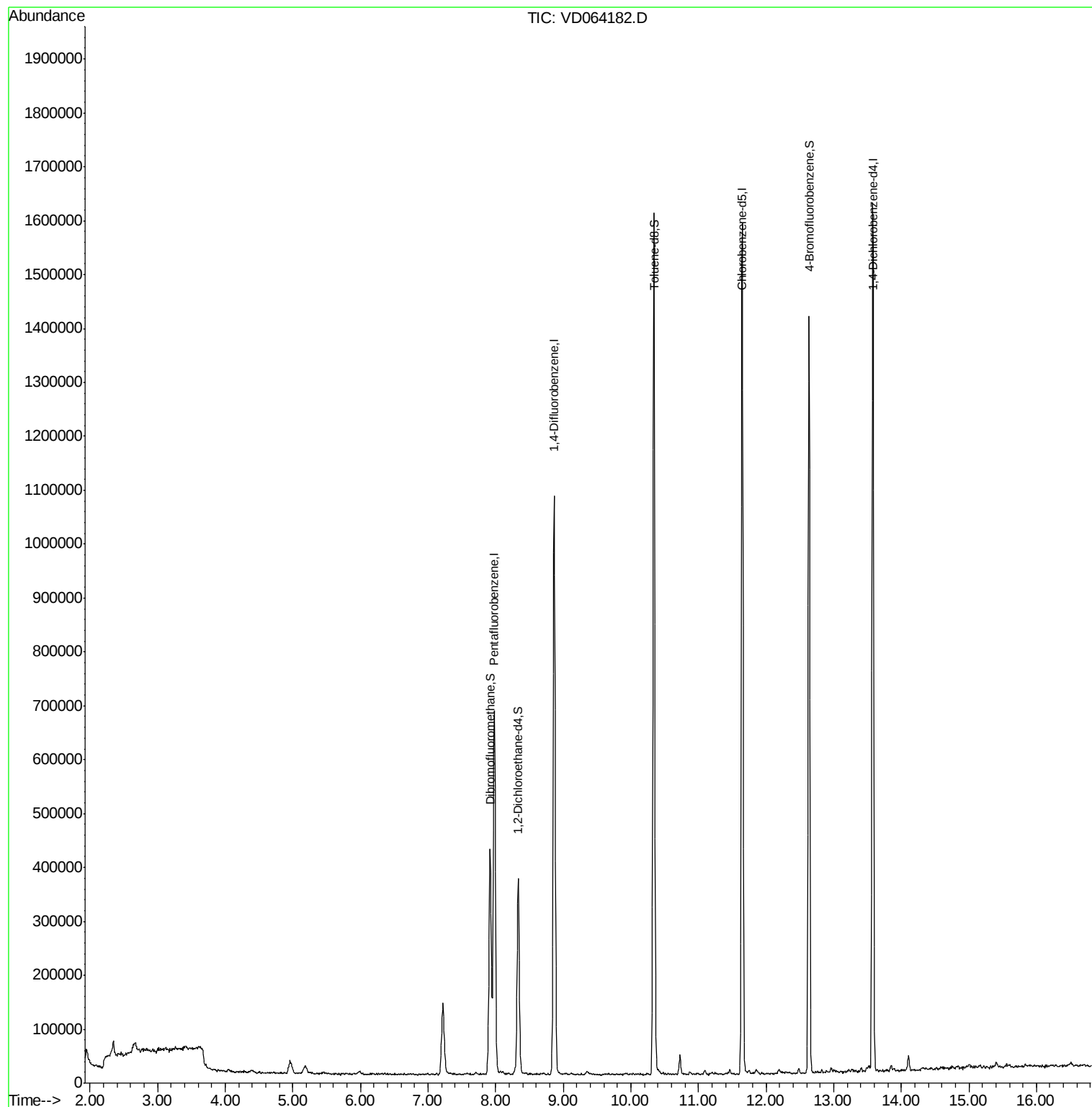
Target Compounds	Qvalue

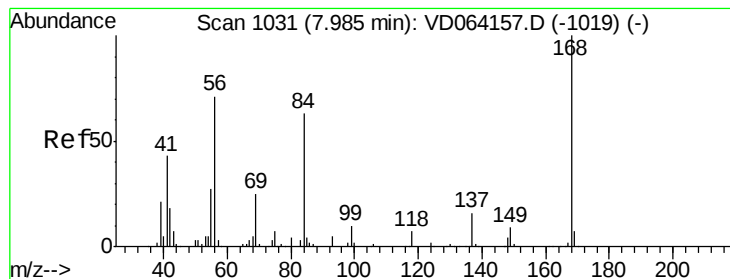
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064182.D

Acq: 11 Nov 2019 17:14

Instrument :

MSVOA_D

ClientSampled :

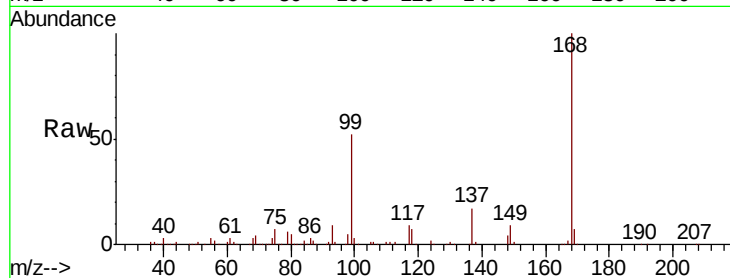
3425

Tot Ion:168 Resp: 540565

Ion Ratio Lower Upper

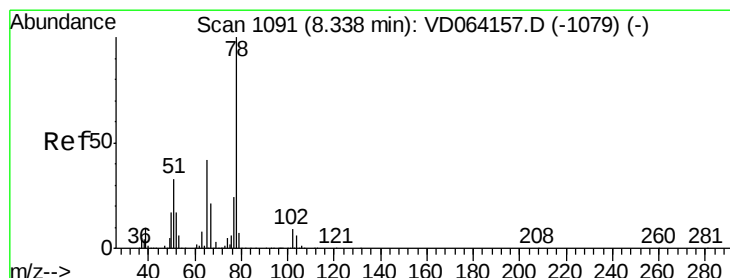
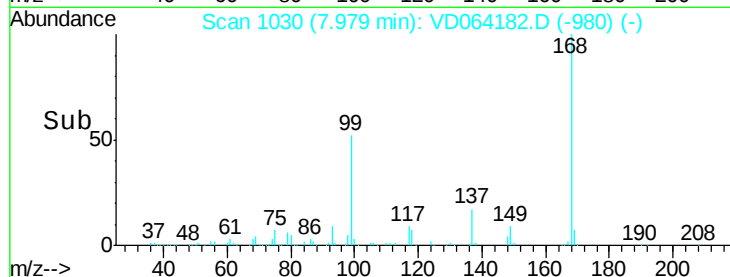
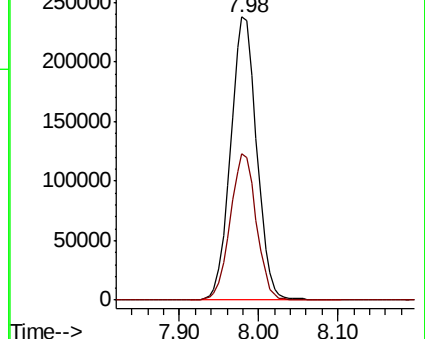
168 100

99 51.9 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: 66.751 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064182.D

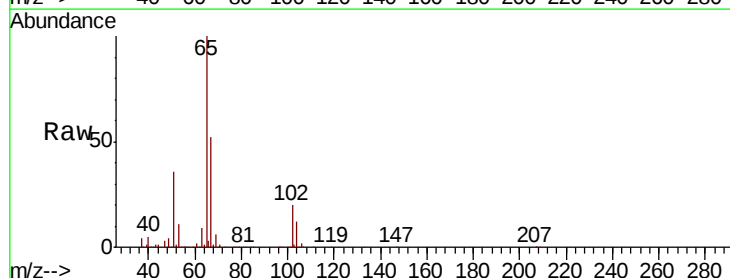
Acq: 11 Nov 2019 17:14

Tgt Ion: 65 Resp: 296763

Ion Ratio Lower Upper

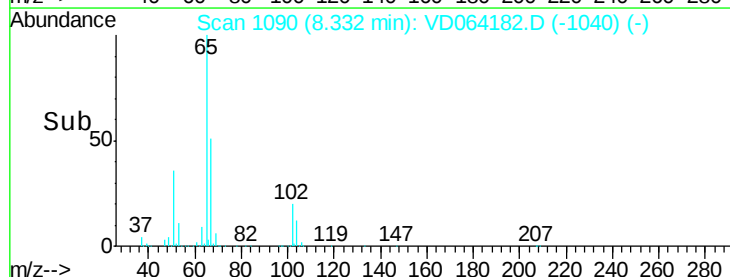
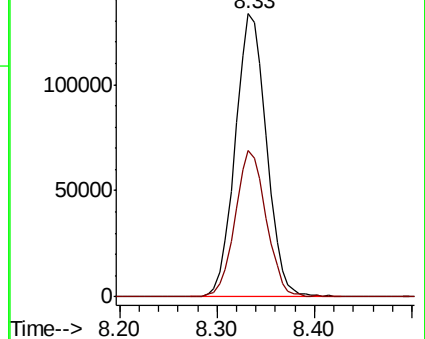
65 100

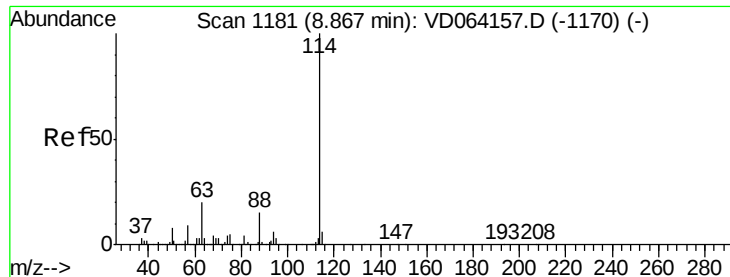
67 51.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

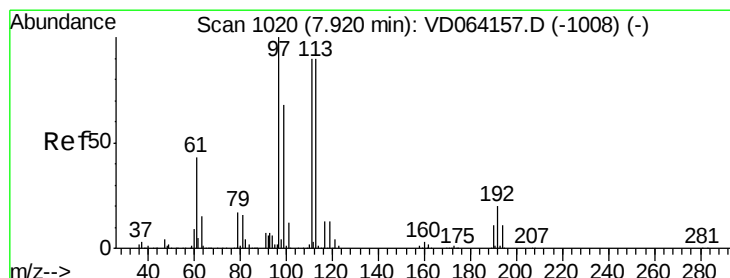
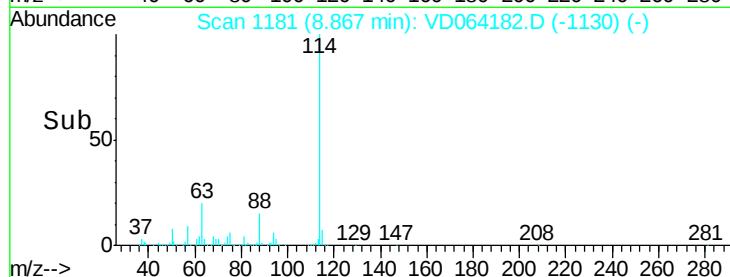
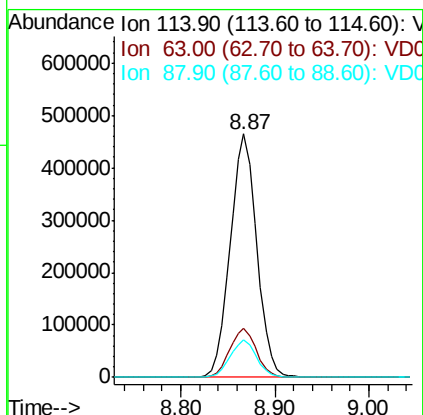
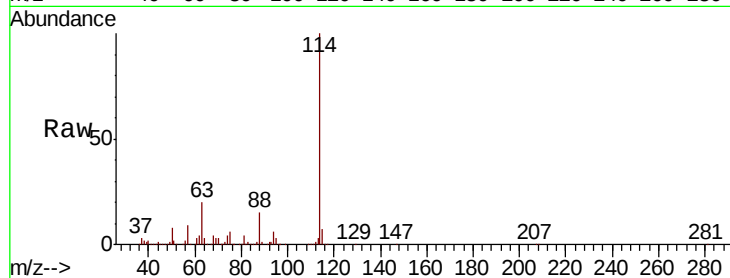




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064182.D
 Acq: 11 Nov 2019 17:14

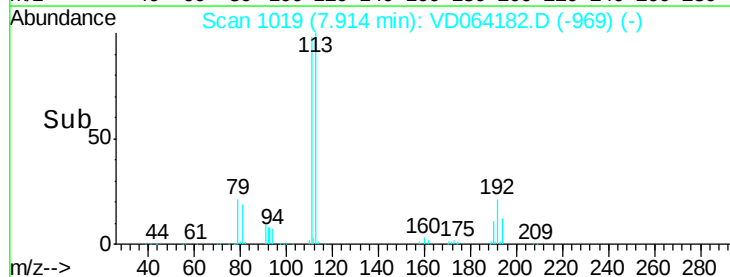
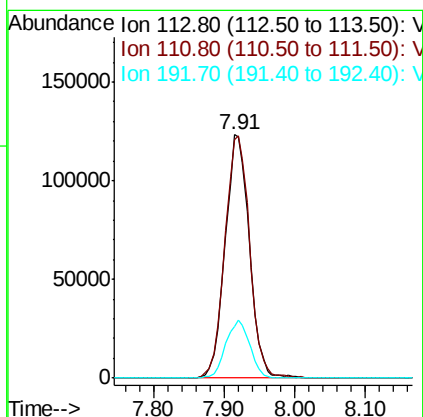
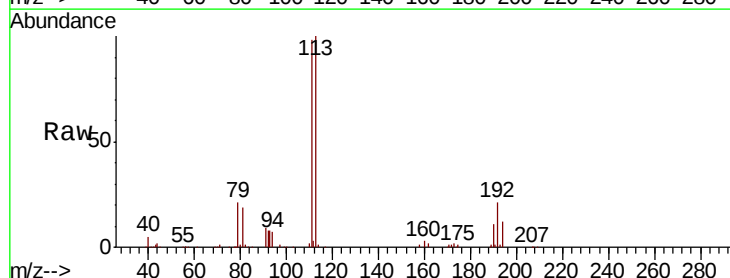
Instrument :
 MSVOA_D
 ClientSampleId :
 3425

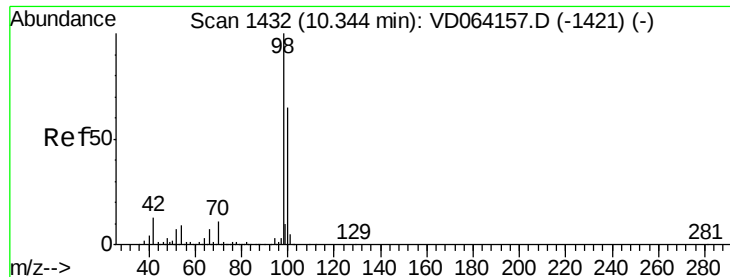
Tot Ion:114 Resp: 912778
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 15.2 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 56.035 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064182.D
 Acq: 11 Nov 2019 17:14

Tgt Ion:113 Resp: 293596
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.5 122.3
 192 23.6 18.8 28.2

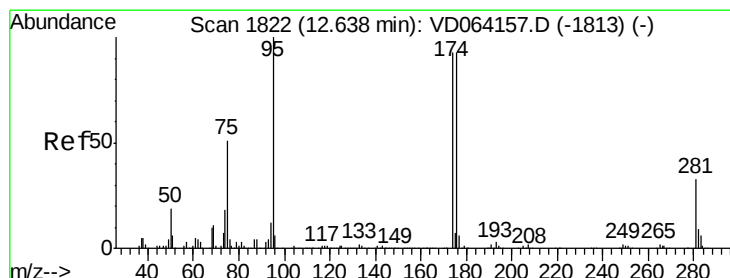
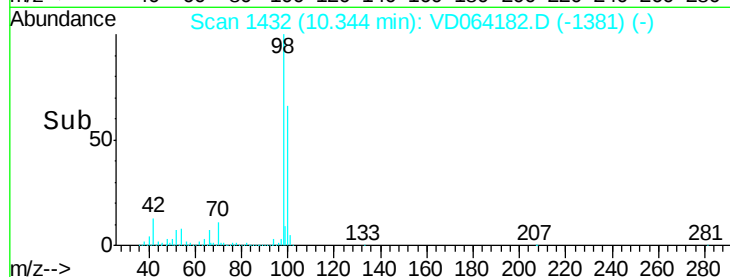
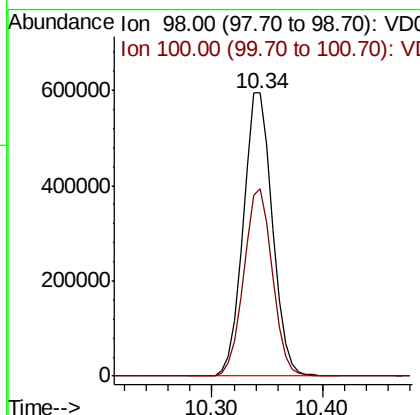
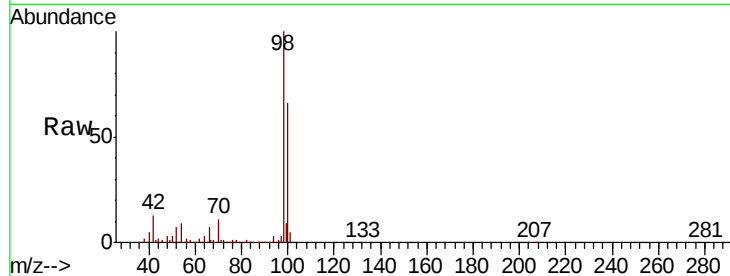




#50
Toluene-d8
Concen: 55.883 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064182.D
Acq: 11 Nov 2019 17:14

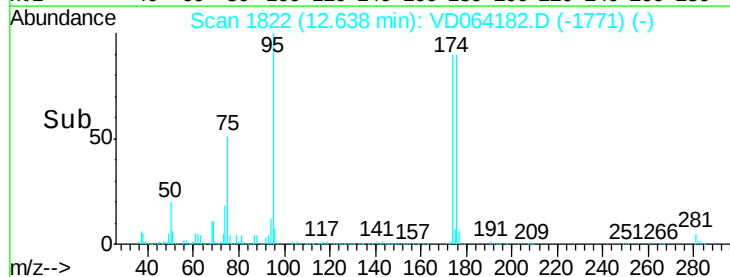
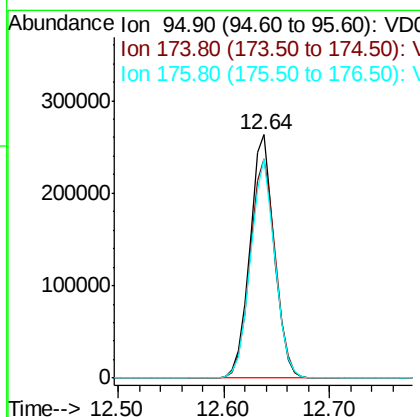
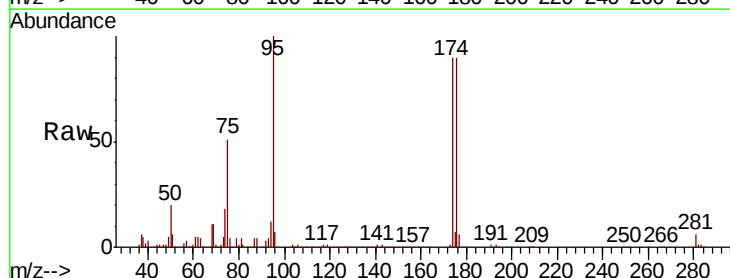
Instrument :
MSVOA_D
ClientSampleId :
3425

Tot Ion: 98 Resp: 1104569
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 61.880 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064182.D
Acq: 11 Nov 2019 17:14

Tgt Ion: 95 Resp: 423566
Ion Ratio Lower Upper
95 100
174 93.5 0.0 183.6
176 90.2 0.0 180.2

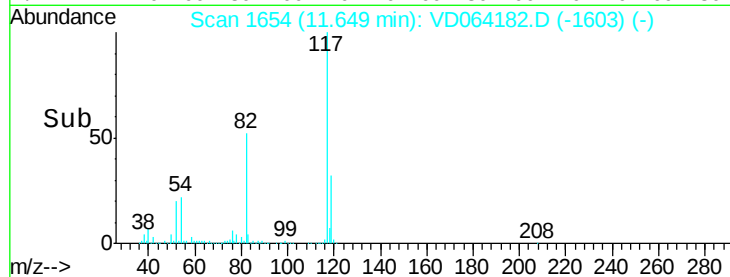
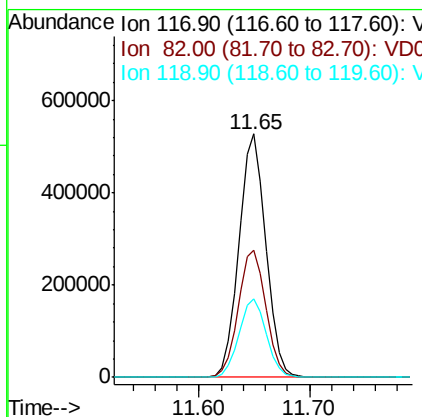
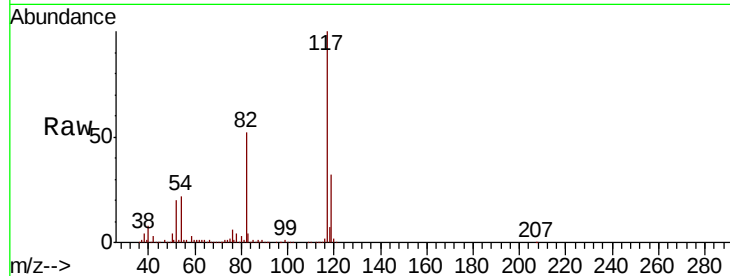




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064182.D
Acq: 11 Nov 2019 17:14

Instrument :
MSVOA_D
ClientSampleId :
3425

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.8	64.2
119	32.2	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: VD064182.D
Acq: 11 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.4	82.2
150	157.3	0.0	351.6

