

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064276.D
 Acq On : 18 Nov 2019 20:48
 Operator : VA/SY
 Sample : K5792-03
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 3

Quant Time: Nov 19 06:16:13 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	923380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1339328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1042172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	382492	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	369054	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	7.92	113	399886	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.34	98	1516103	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.64	95	408420	40.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.32%	

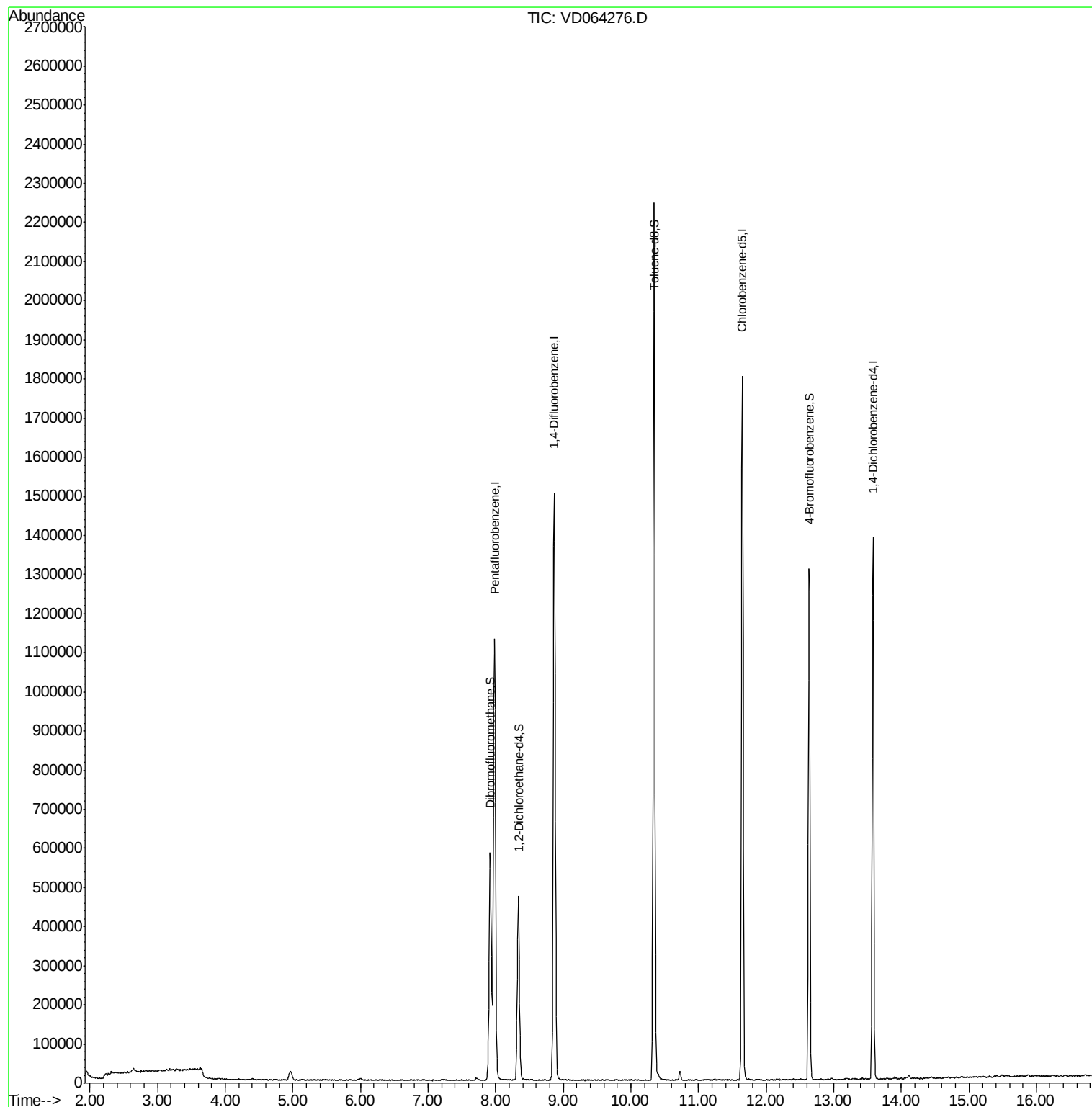
Target Compounds	Qvalue

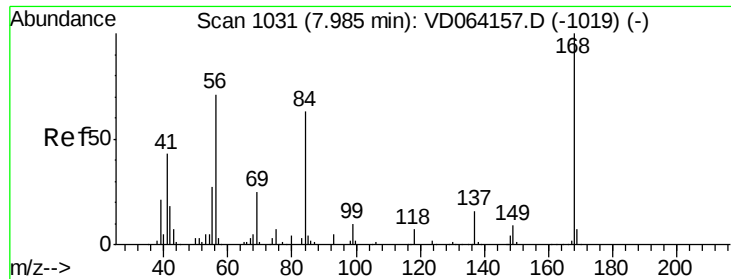
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064276.D

Acq: 18 Nov 2019 20:48

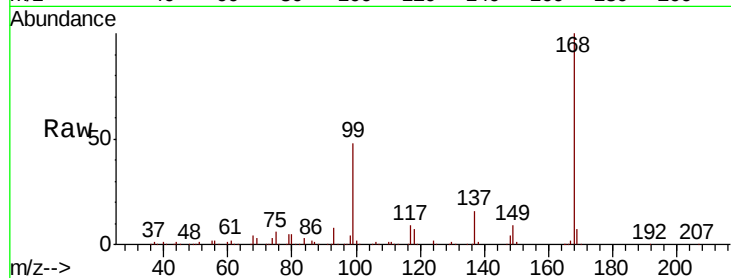
Instrument :
MSVOA_D
ClientSampled :
3

Tot Ion:168 Resp: 923380

Ion Ratio Lower Upper

168 100

99 48.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

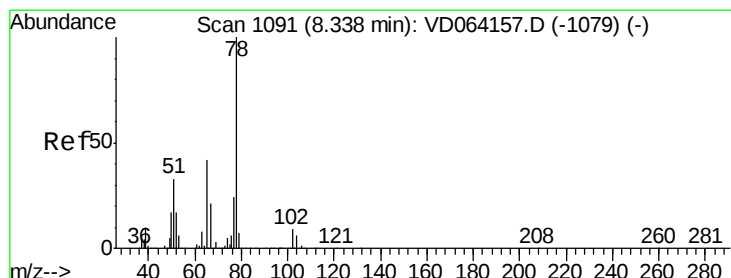
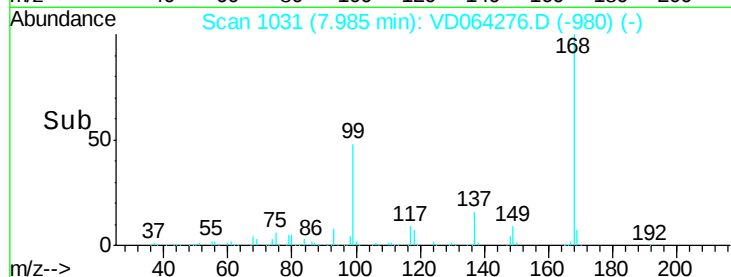
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.596 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064276.D

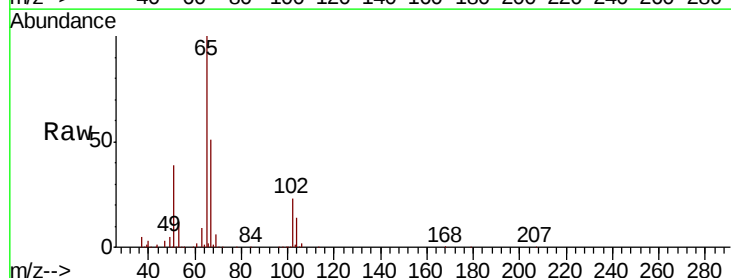
Acq: 18 Nov 2019 20:48

Tgt Ion: 65 Resp: 369054

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

8.34

200000

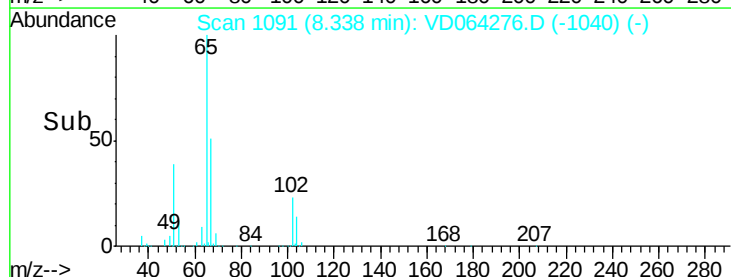
150000

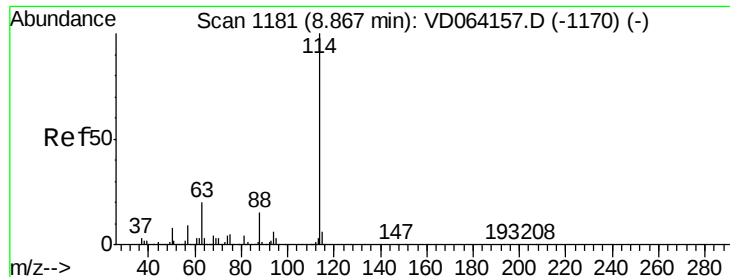
100000

50000

0

Time-->

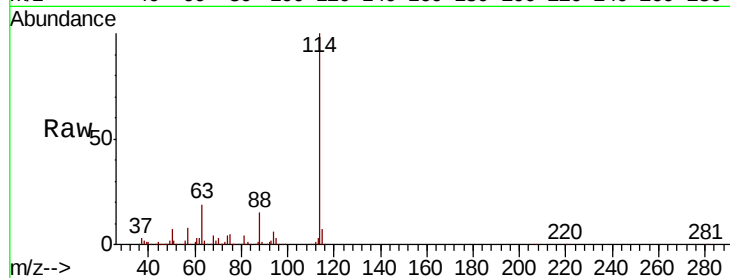




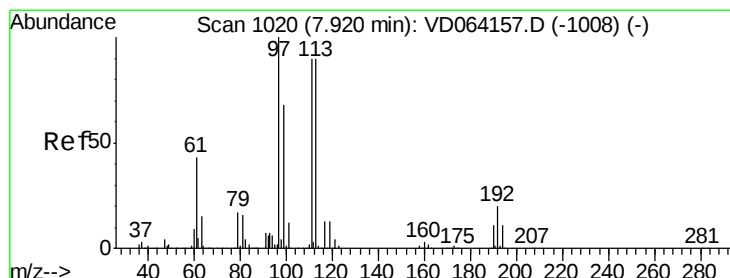
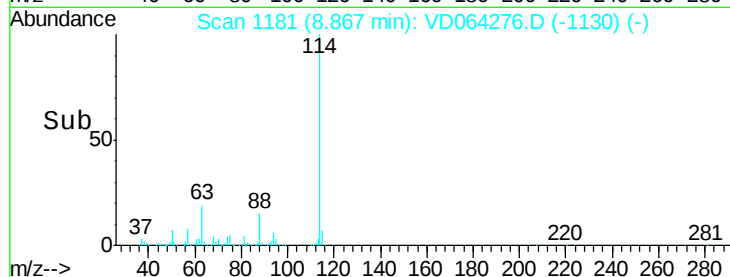
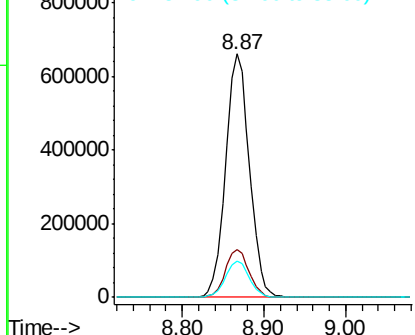
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064276.D
 Acq: 18 Nov 2019 20:48

Instrument :
 MSVOA_D
 ClientSampleId :
 3

Tot Ion:114 Resp: 1339328
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.1 0.0 30.2

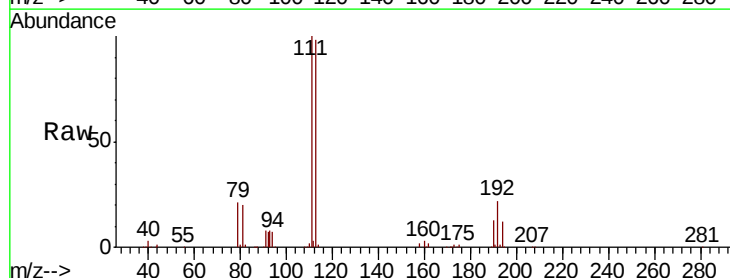


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

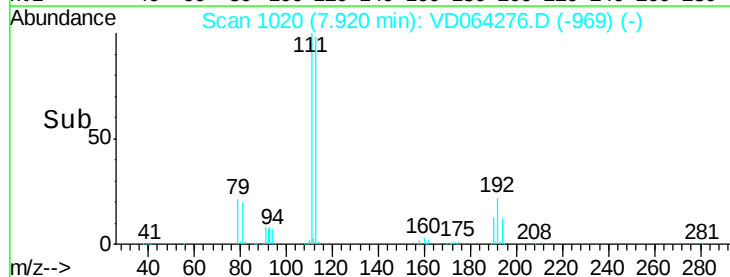
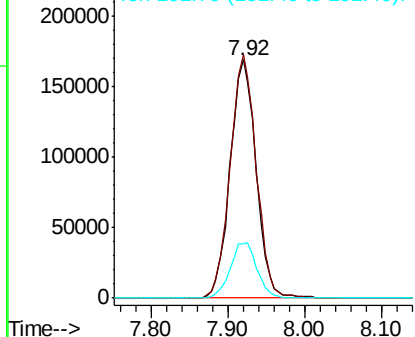


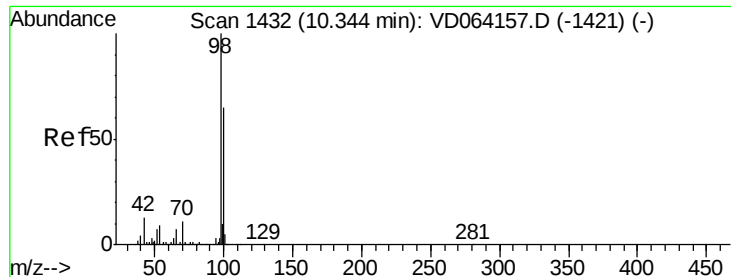
#35
 Dibromofluoromethane
 Concen: 52.015 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064276.D
 Acq: 18 Nov 2019 20:48

Tgt Ion:113 Resp: 399886
 Ion Ratio Lower Upper
 113 100
 111 102.2 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

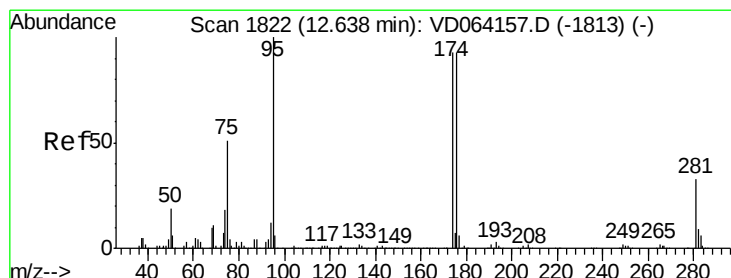
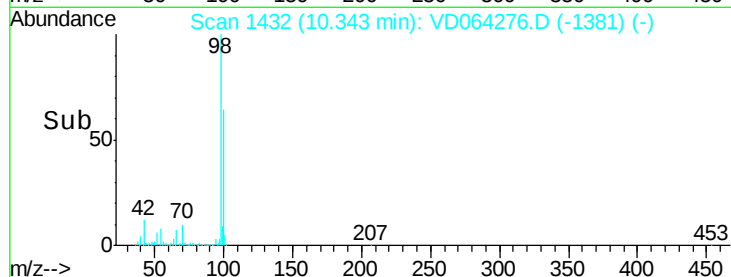
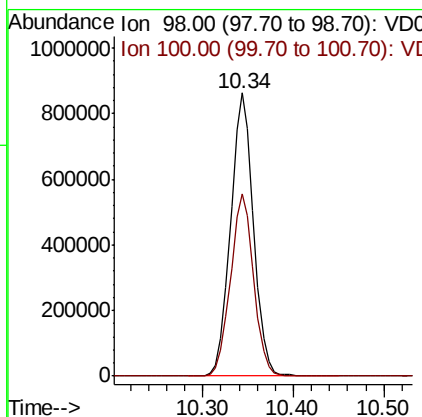
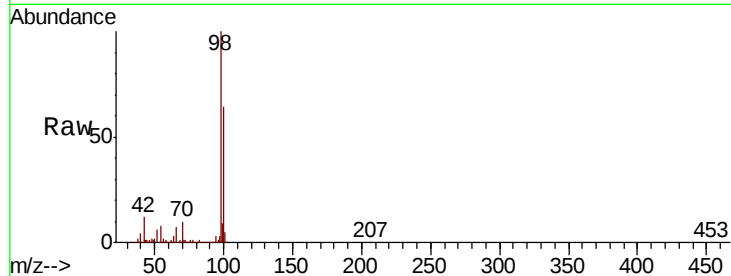




#50
Toluene-d8
Concen: 52.275 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064276.D
Acq: 18 Nov 2019 20:48

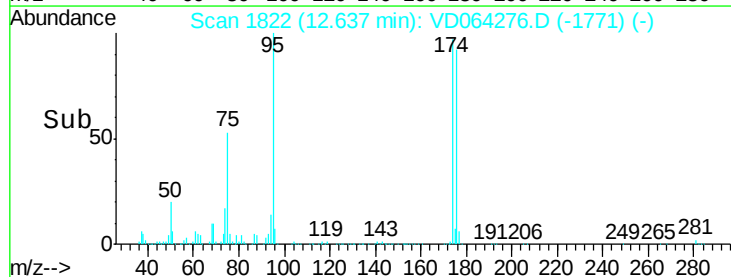
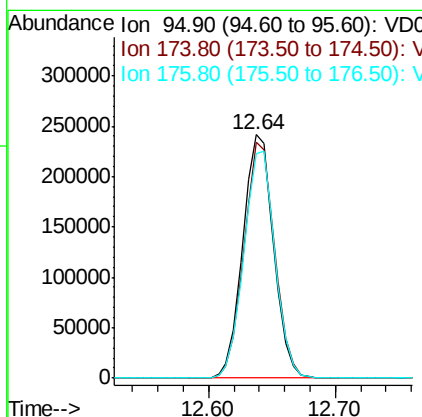
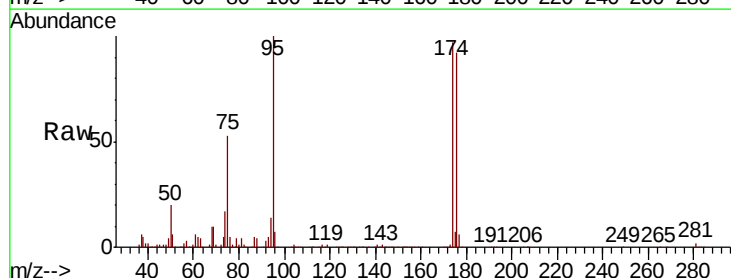
Instrument :
MSVOA_D
ClientSampleId :
3

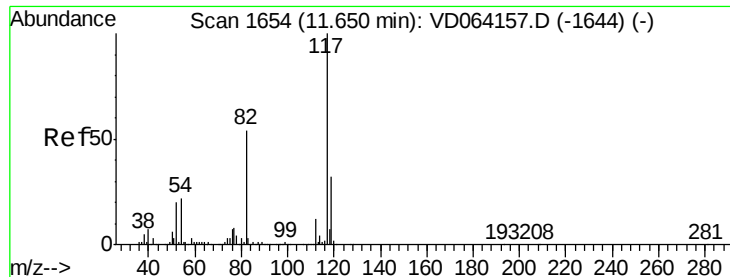
Tot Ion: 98 Resp: 1516103
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 40.664 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064276.D
Acq: 18 Nov 2019 20:48

Tgt Ion: 95 Resp: 408420
Ion Ratio Lower Upper
95 100
174 96.6 0.0 183.6
176 94.1 0.0 180.2

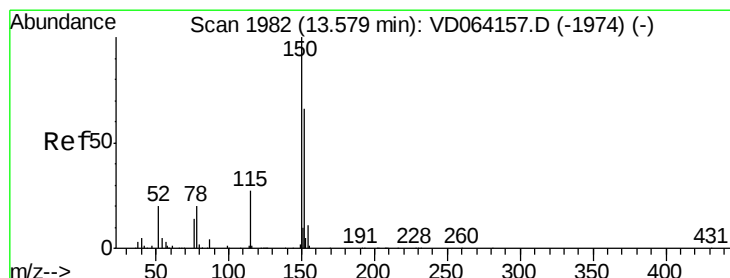
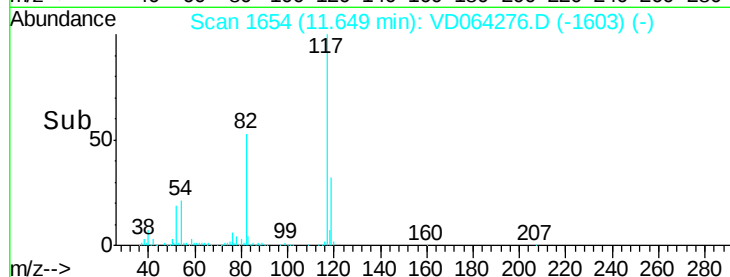
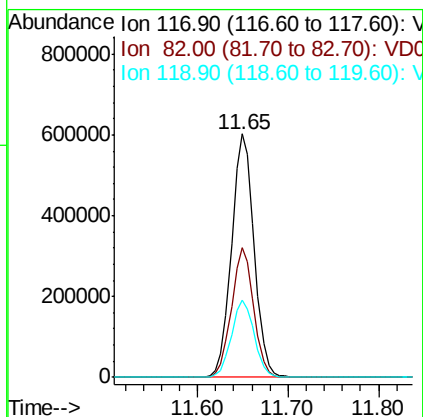
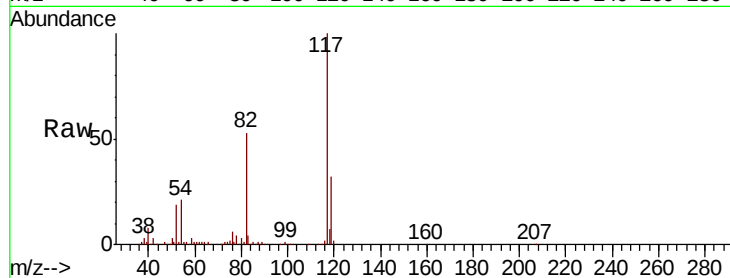




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064276.D
Acq: 18 Nov 2019 20:48

Instrument :
MSVOA_D
ClientSampleId :
3

Tot Ion:117 Resp: 1042172
Ion Ratio Lower Upper
117 100
82 53.0 42.8 64.2
119 31.9 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: VD064276.D
Acq: 18 Nov 2019 20:48

Tgt Ion:152 Resp: 382492
Ion Ratio Lower Upper
152 100
115 54.7 27.4 82.2
150 157.0 0.0 351.6

