

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064370.D
 Acq On : 25 Nov 2019 19:51
 Operator : VA/SY
 Sample : K6021-05
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-003-E

Quant Time: Nov 26 06:31:25 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	757381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1149385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1009202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	477812	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	305774	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	7.92	113	344050	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	10.34	98	1349074	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
62) 4-Bromofluorobenzene	12.64	95	423498	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

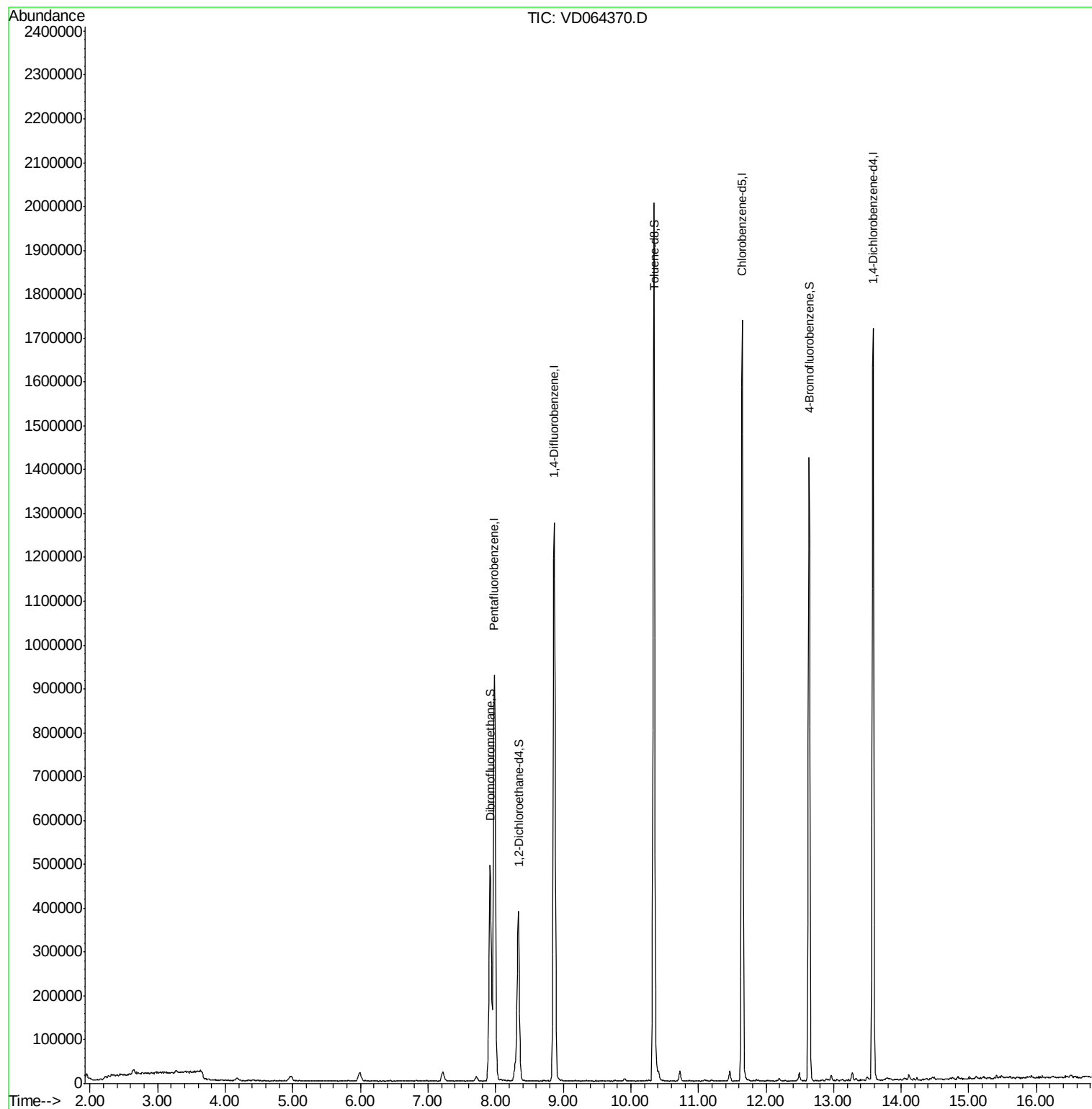
Target Compounds	Qvalue

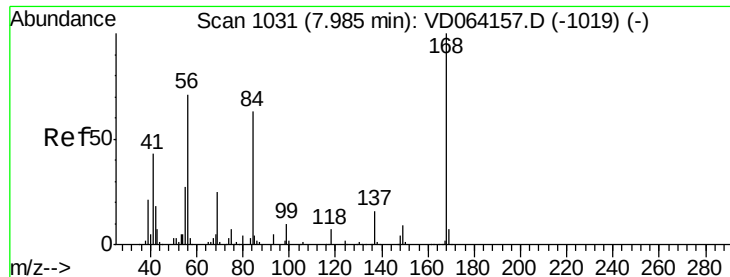
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064370.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_D

ClientSampleId :

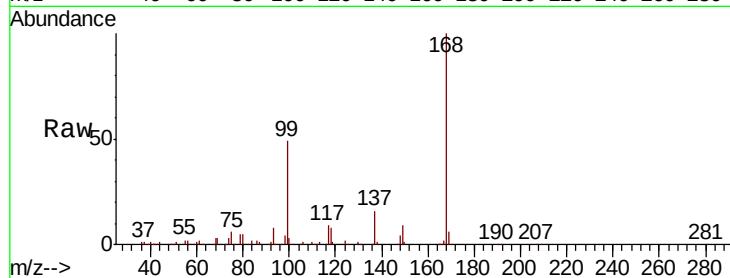
SOIL-003-E

Tot Ion:168 Resp: 757381

Ion Ratio Lower Upper

168 100

99 48.8 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

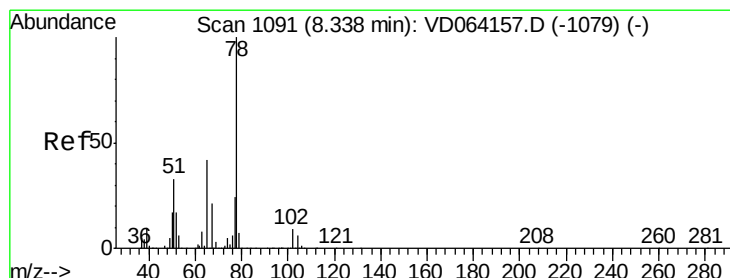
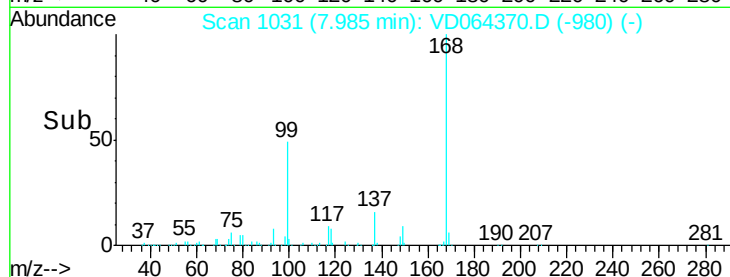
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.089 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064370.D

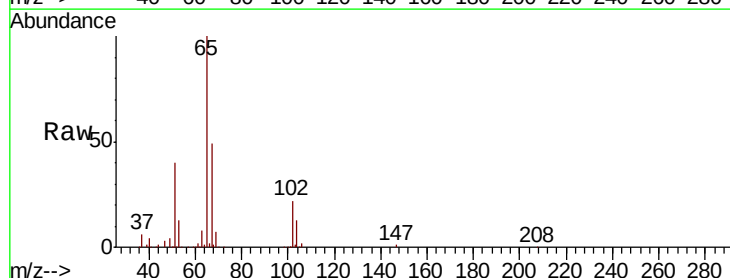
Acq: 25 Nov 2019 19:51

Tgt Ion: 65 Resp: 305774

Ion Ratio Lower Upper

65 100

67 52.4 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

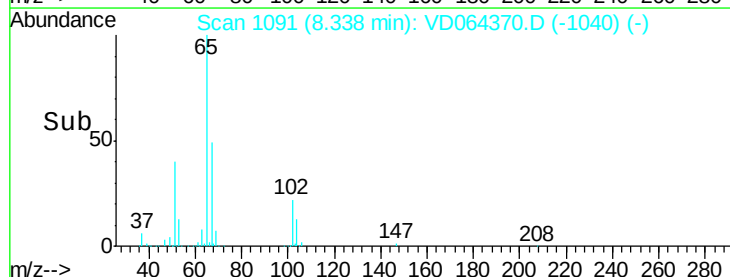
150000

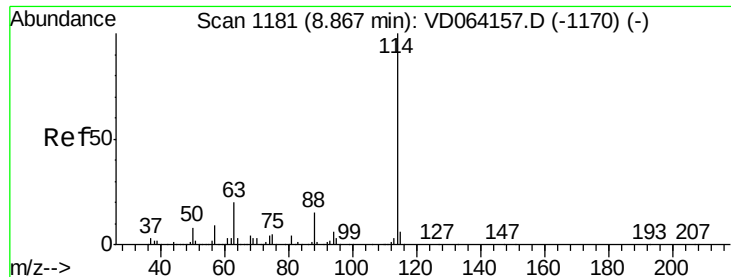
100000

50000

0

Time-->

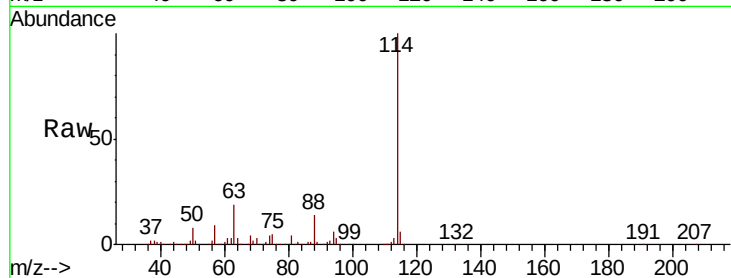




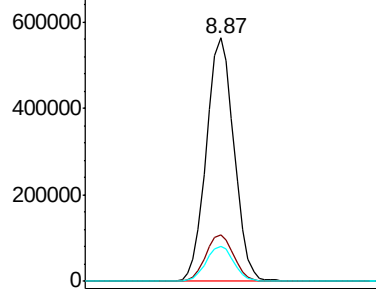
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064370.D
 Acq: 25 Nov 2019 19:51

Instrument :
 MSVOA_D
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 SOIL-003-E

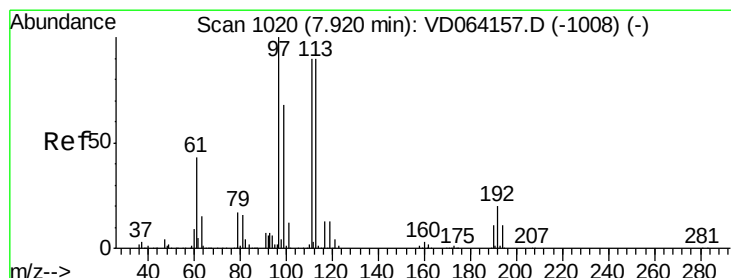
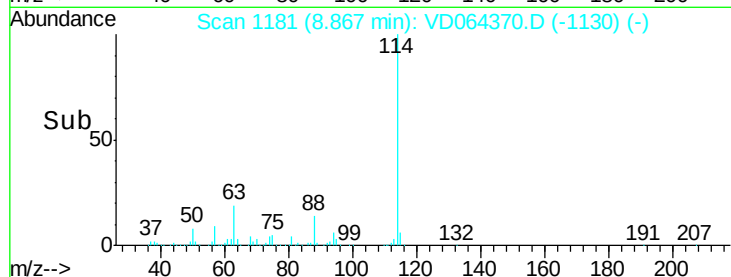
Tot Ion:114 Resp: 1149385
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 14.4 0.0 30.2



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

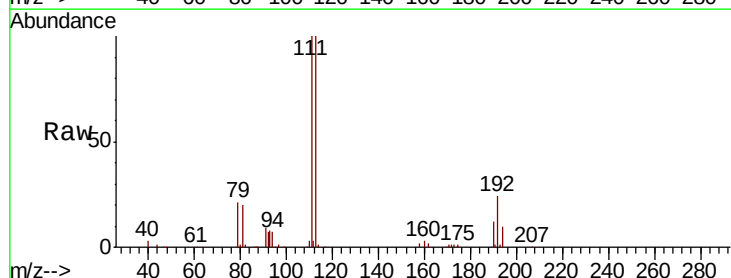


Time-->

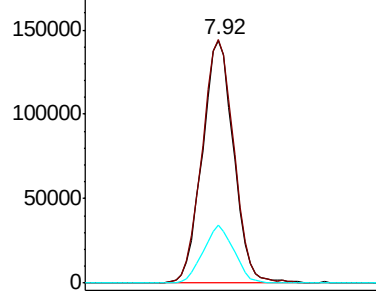


#35
 Dibromofluoromethane
 Concen: 52.147 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064370.D
 Acq: 25 Nov 2019 19:51

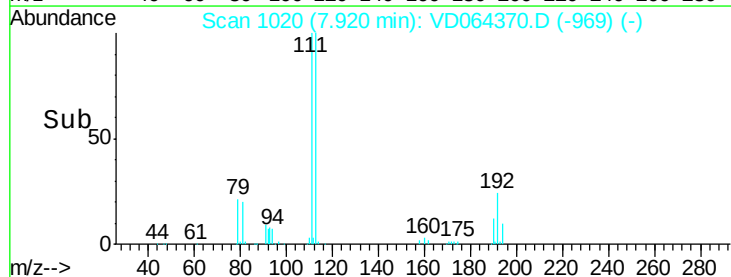
Tgt Ion:113 Resp: 344050
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.5 122.3
 192 23.5 18.8 28.2

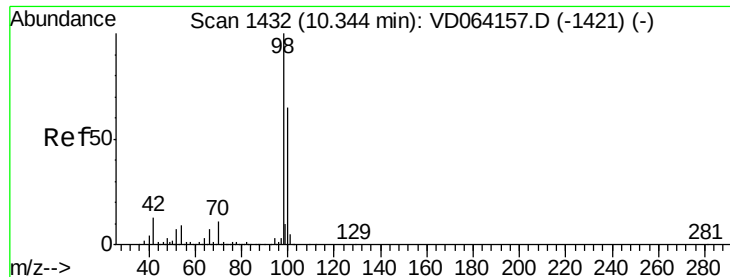


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

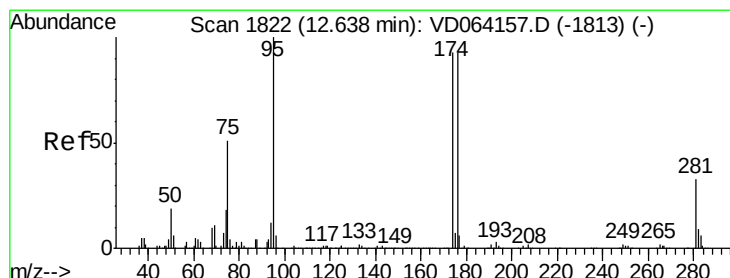
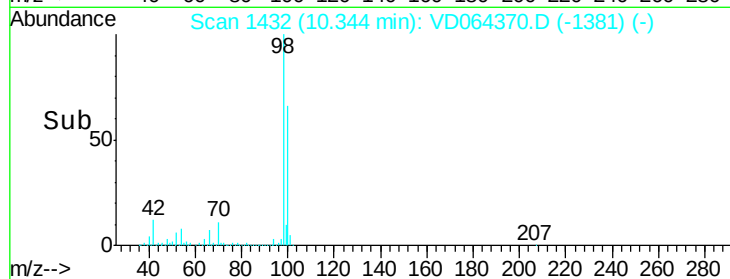
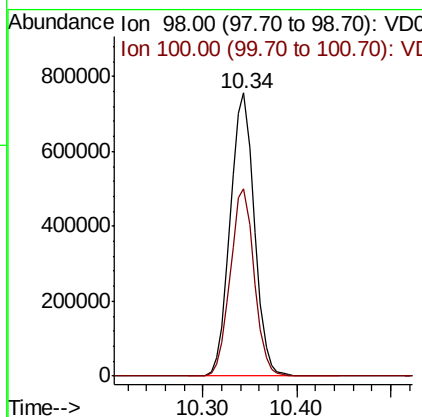
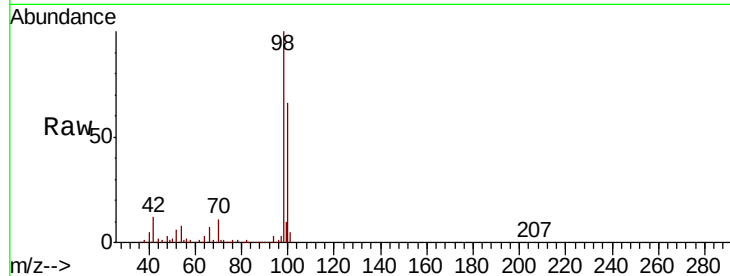




#50
Toluene-d8
Concen: 54.203 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064370.D
Acq: 25 Nov 2019 19:51

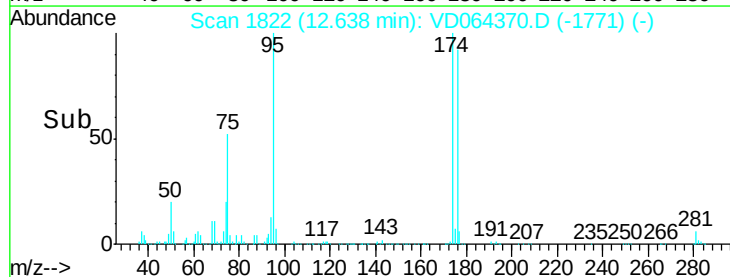
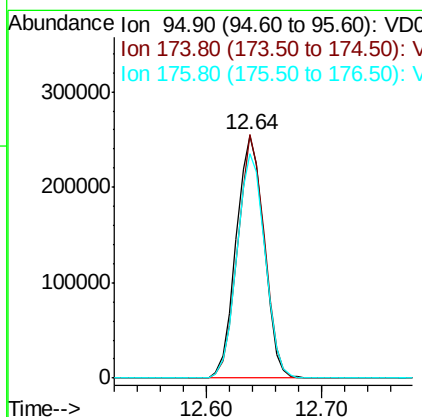
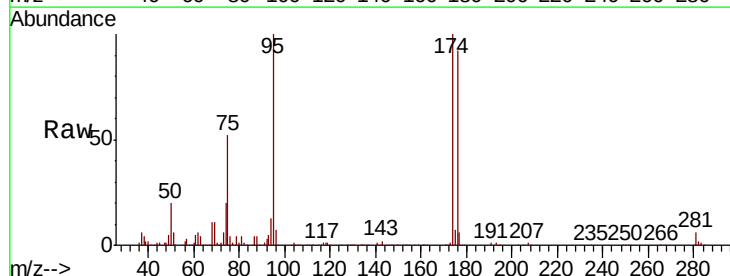
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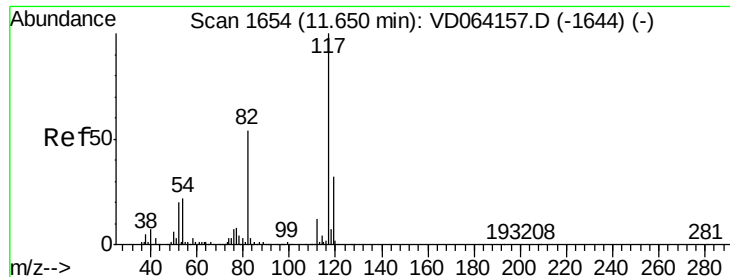
Tot Ion: 98 Resp: 1349074
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.134 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064370.D
Acq: 25 Nov 2019 19:51

Tgt Ion: 95 Resp: 423498
Ion Ratio Lower Upper
95 100
174 96.4 0.0 183.6
176 93.0 0.0 180.2

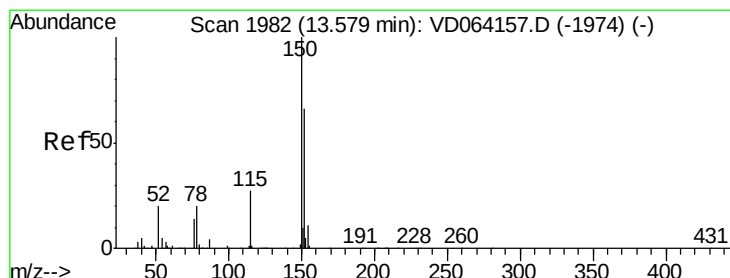
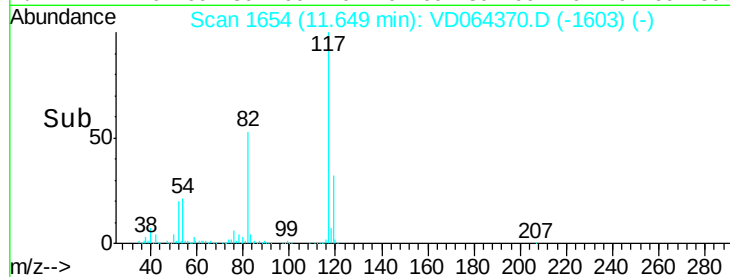
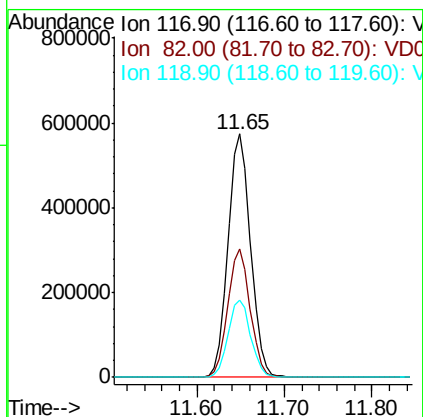
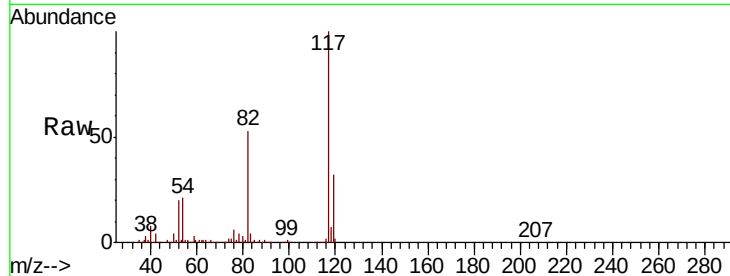




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064370.D
Acq: 25 Nov 2019 19:51

Instrument :
MSVOA_D
ClientSampleId :
SOIL-003-E

Tot Ion:117 Resp: 1009202
Ion Ratio Lower Upper
117 100
82 52.5 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: VD064370.D
Acq: 25 Nov 2019 19:51

Tgt Ion:152 Resp: 477812
Ion Ratio Lower Upper
152 100
115 54.5 27.4 82.2
150 155.5 0.0 351.6

