

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112119\
 Data File : VD064336.D
 Acq On : 21 Nov 2019 20:47
 Operator : VA/SY
 Sample : K5972-04
 Misc : 6.57G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE

Quant Time: Nov 22 02:46:28 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

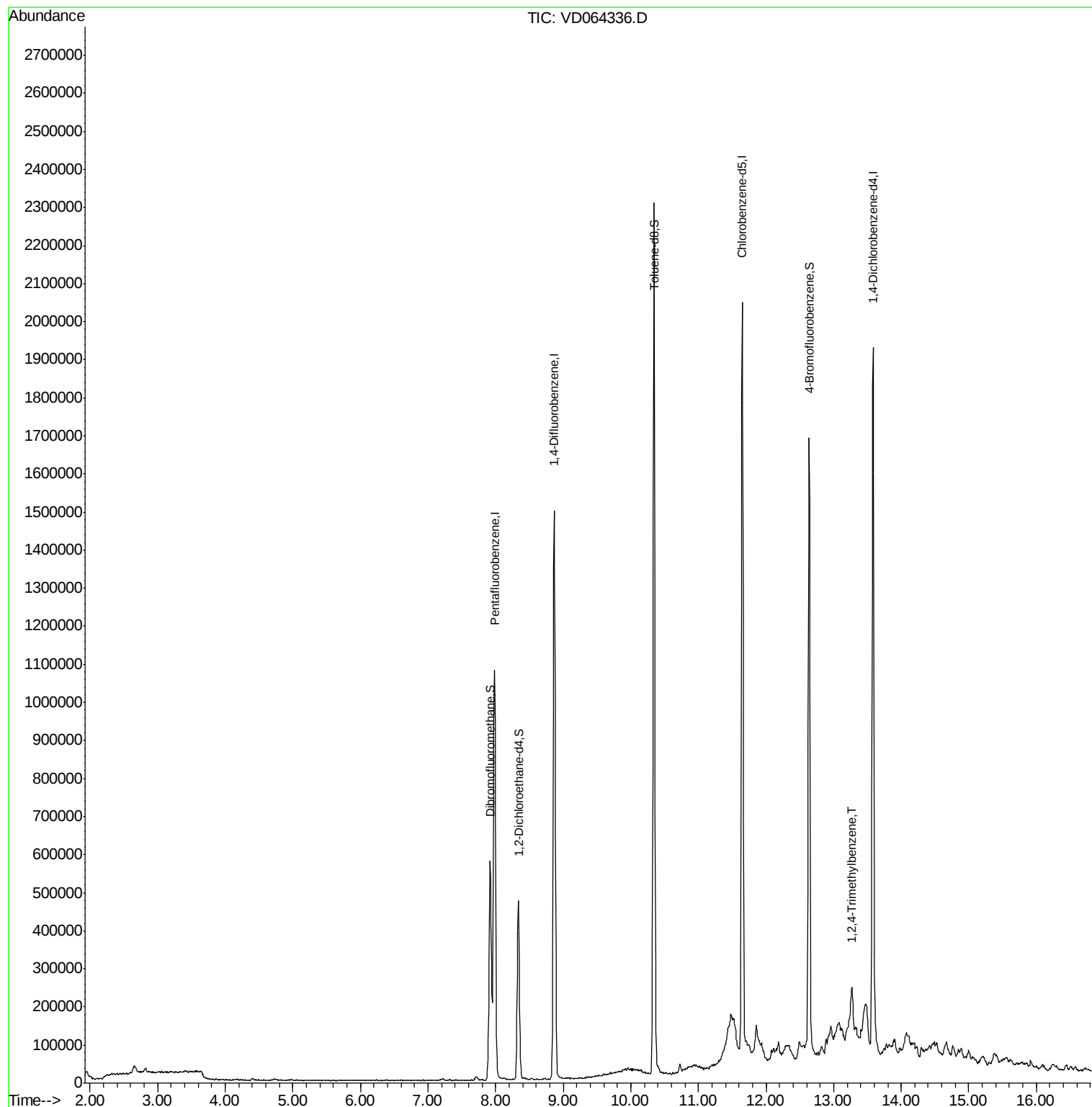
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	910676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1317361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1156780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	516106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	375405	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
35) Dibromofluoromethane	7.92	113	395811	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
50) Toluene-d8	10.34	98	1540917	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
62) 4-Bromofluorobenzene	12.64	95	475963	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.27	105	46701	1.520	ug/l	99

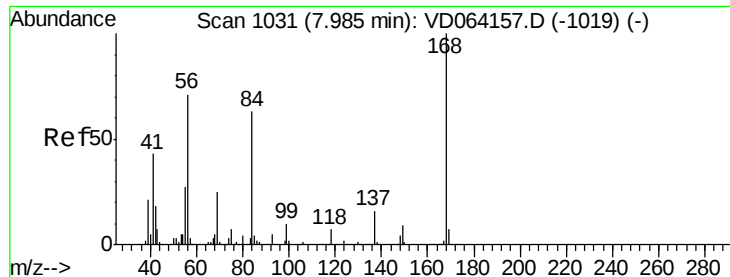
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064336.D

Acq: 21 Nov 2019 20:47

Instrument :

MSVOA_D

ClientSampleId :

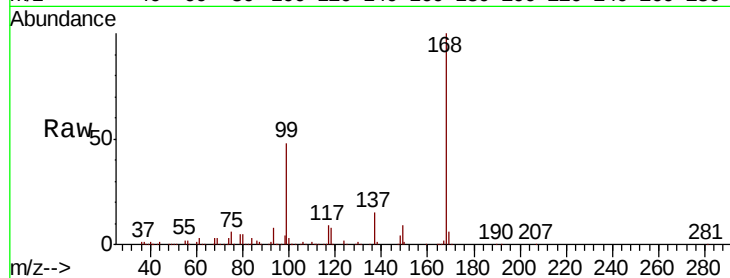
SOIL-PILE

Tot Ion:168 Resp: 910676

Ion Ratio Lower Upper

168 100

99 47.8 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

400000

300000

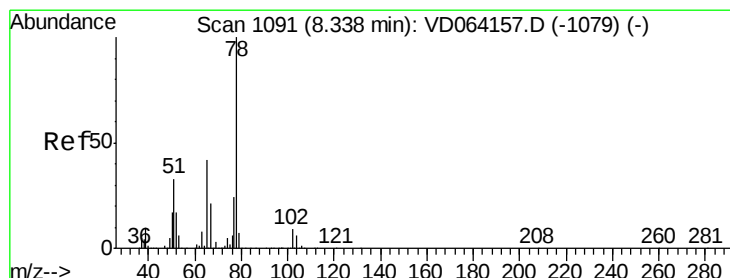
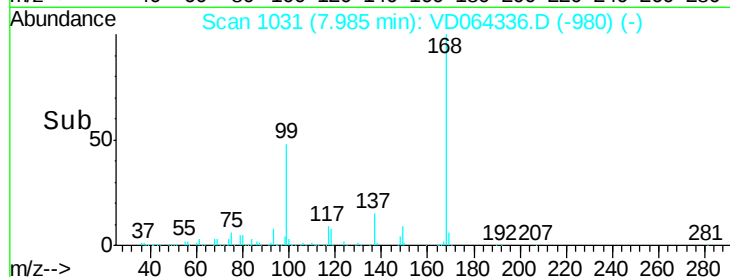
200000

100000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 50.122 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064336.D

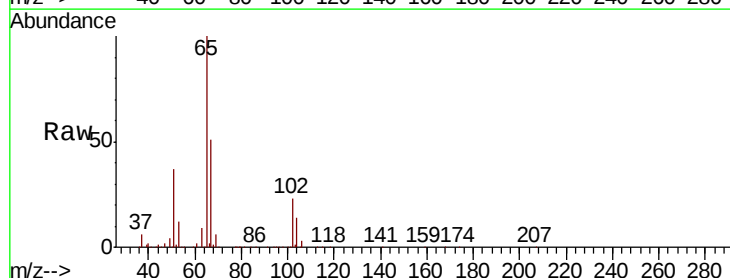
Acq: 21 Nov 2019 20:47

Tgt Ion: 65 Resp: 375405

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

200000

150000

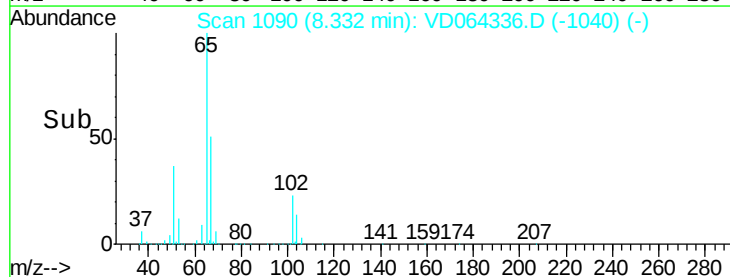
100000

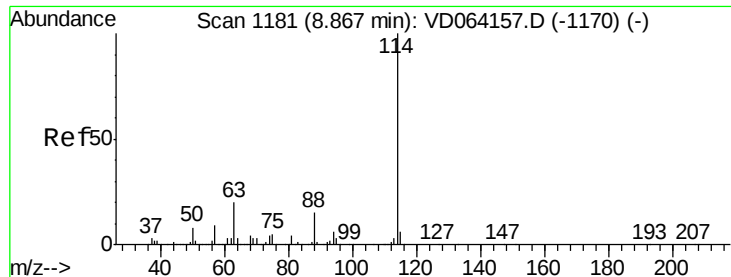
50000

0

Time-->

8.20 8.30 8.40

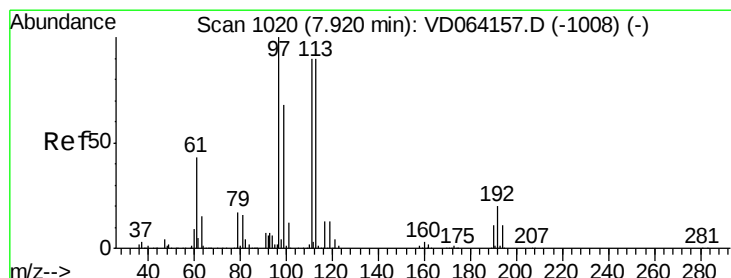
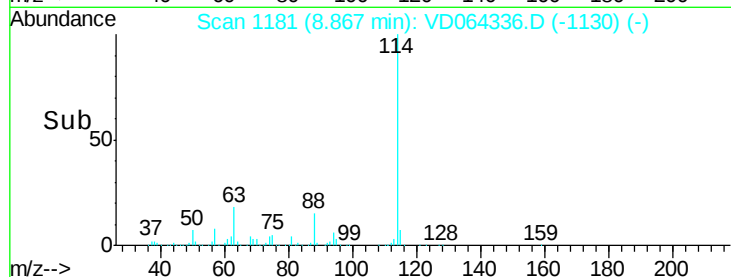
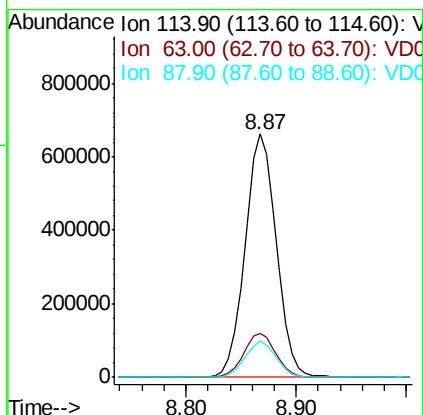
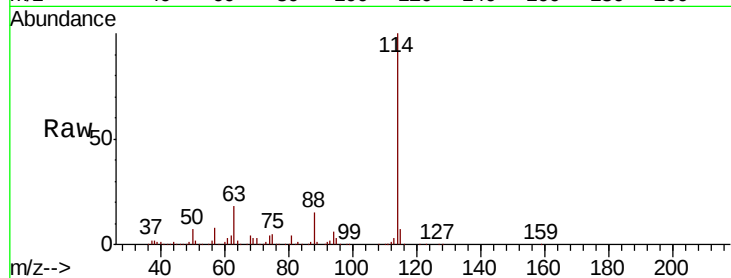




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064336.D
 Acq: 21 Nov 2019 20:47

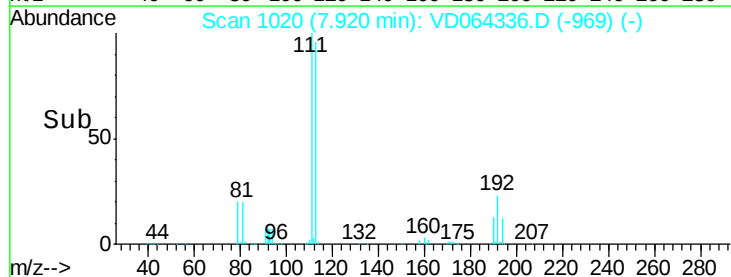
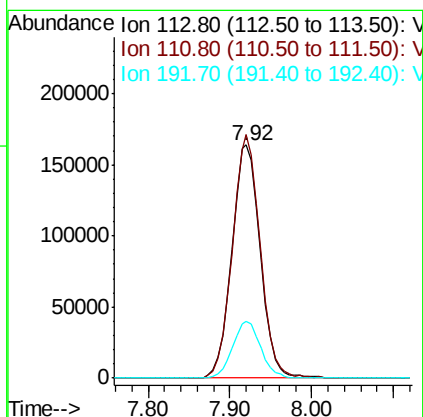
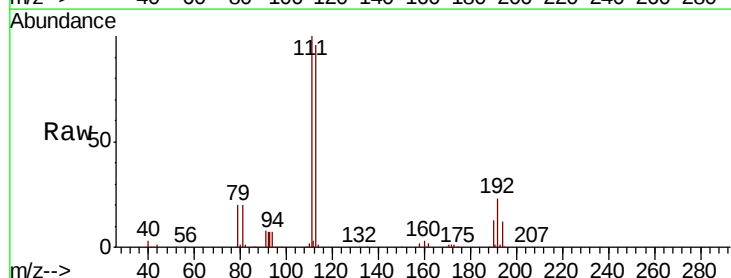
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE

Tot Ion:114 Resp: 1317361
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 40.0
 88 14.8 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 52.343 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064336.D
 Acq: 21 Nov 2019 20:47

Tgt Ion:113 Resp: 395811
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.5 122.3
 192 23.9 18.8 28.2





#50

Toluene-d8

Concen: 54.017 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064336.D

Acq: 21 Nov 2019 20:47

Instrument :

MSVOA_D

ClientSampleId :

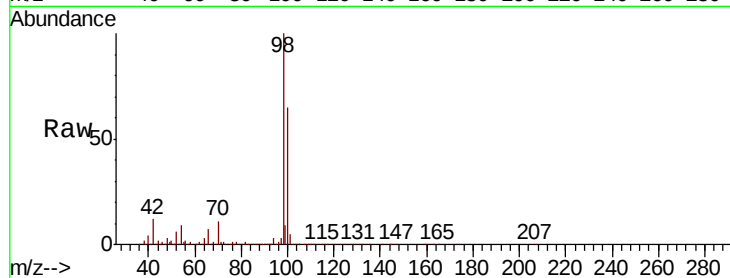
SOIL-PILE

Tot Ion: 98 Resp: 1540917

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VD064157.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD064157.D (-1421) (-)

10.34

800000

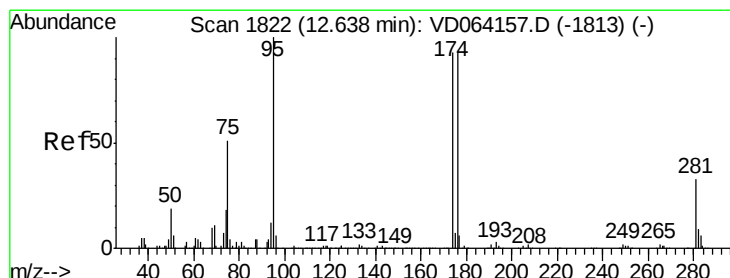
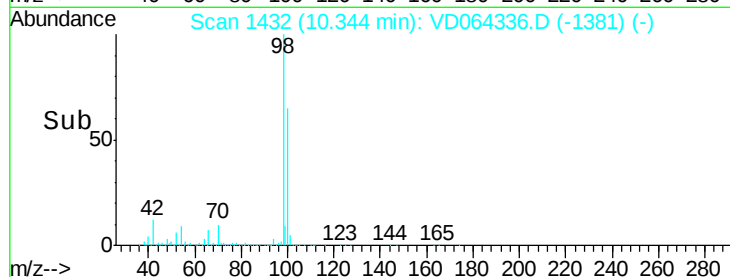
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.180 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064336.D

Acq: 21 Nov 2019 20:47

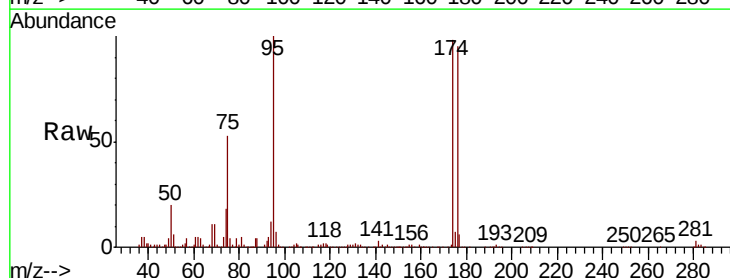
Tgt Ion: 95 Resp: 475963

Ion Ratio Lower Upper

95 100

174 102.9 0.0 183.6

176 96.1 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VD064157.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD064157.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD064157.D (-1813) (-)

12.64

400000

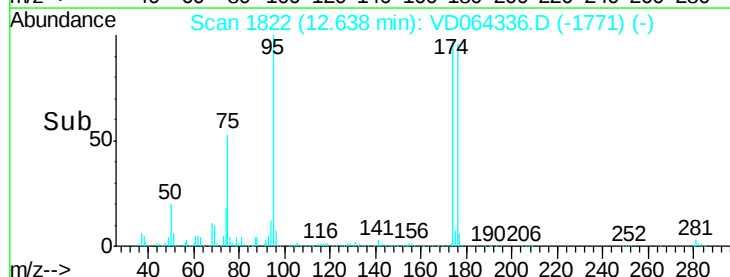
300000

200000

100000

0

Time-->

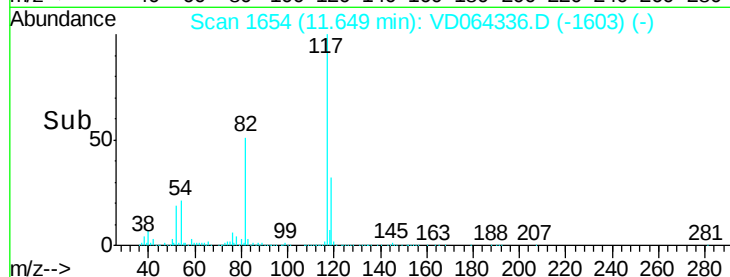
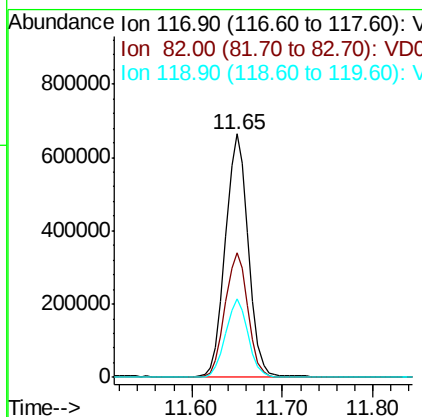
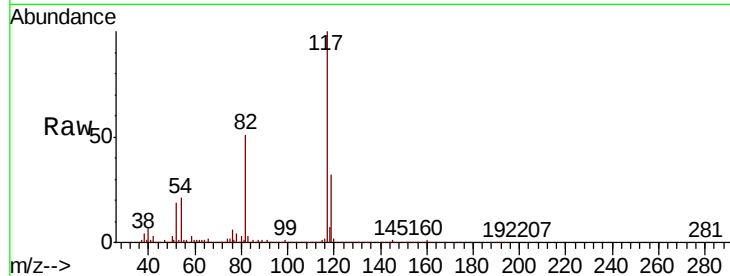




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064336.D
Acq: 21 Nov 2019 20:47

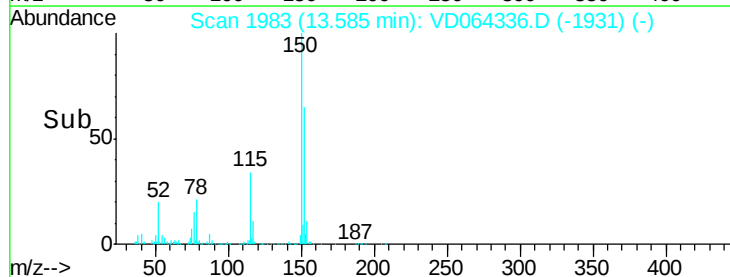
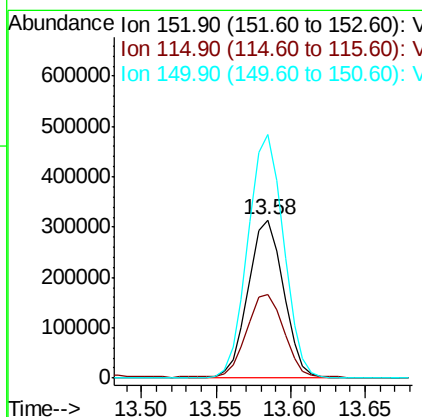
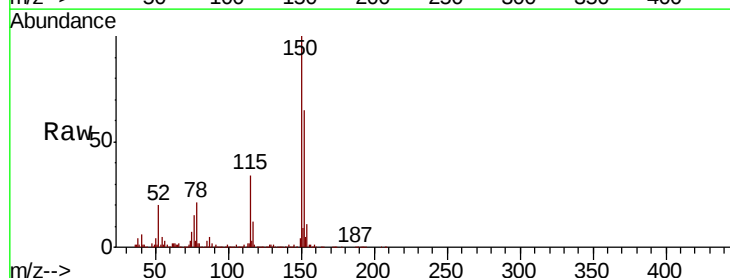
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE

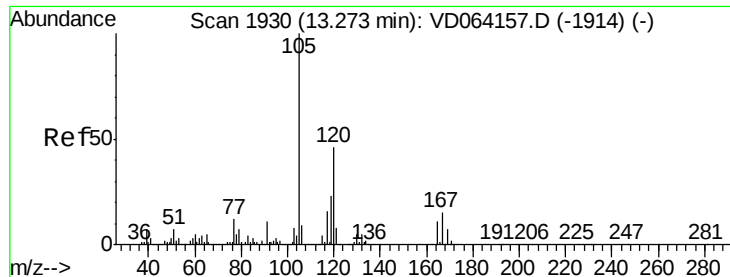
Tot Ion:117 Resp: 1156780
Ion Ratio Lower Upper
117 100
82 51.2 42.8 64.2
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064336.D
Acq: 21 Nov 2019 20:47

Tgt Ion:152 Resp: 516106
Ion Ratio Lower Upper
152 100
115 55.6 27.4 82.2
150 155.3 0.0 351.6





#84

1,2,4-Trimethylbenzene

Concen: 1.520 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD064336.D

Acq: 21 Nov 2019 20:47

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE

Tot Ion:105 Resp: 46701

Ion Ratio Lower Upper

105 100

120 45.5 23.3 69.8

