

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066870.D
 Acq On : 25 Sep 2020 13:26
 Operator : VA/SY
 Sample : L4152-05
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WR-PILE-3-4

Quant Time: Oct 08 08:39:55 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	397132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	700579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	716347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	342129	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	209826	53.98	ug/l	0.00
Spiked Amount			Recovery	=	107.96%	
35) Dibromofluoromethane	7.91	113	224383	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
50) Toluene-d8	10.34	98	857168	56.44	ug/l	0.00
Spiked Amount			Recovery	=	112.88%	
62) 4-Bromofluorobenzene	12.63	95	309326	59.50	ug/l	0.00
Spiked Amount			Recovery	=	119.00%	

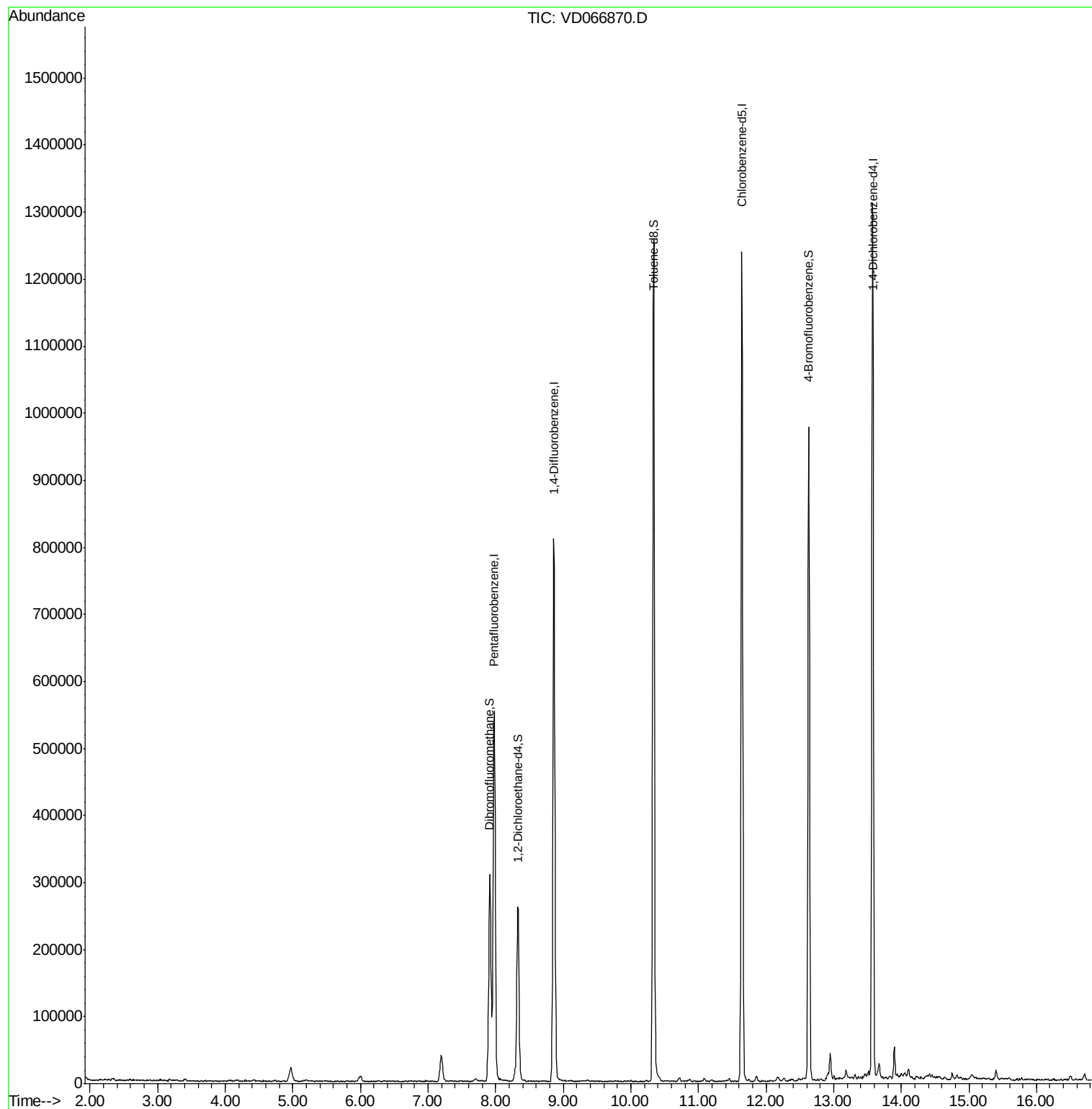
Target Compounds	Qvalue
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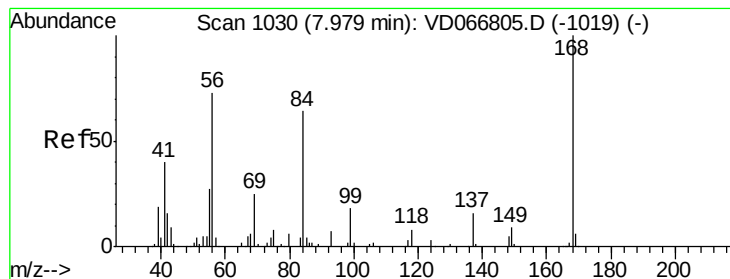
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066870.D

Acq: 25 Sep 2020 13:26

Instrument :

MSVOA_D

ClientSampleId :

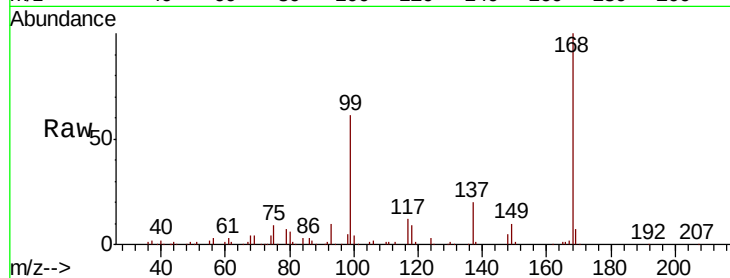
WR-PILE-3-4

Tot Ion:168 Resp: 397132

Ion Ratio Lower Upper

168 100

99 60.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

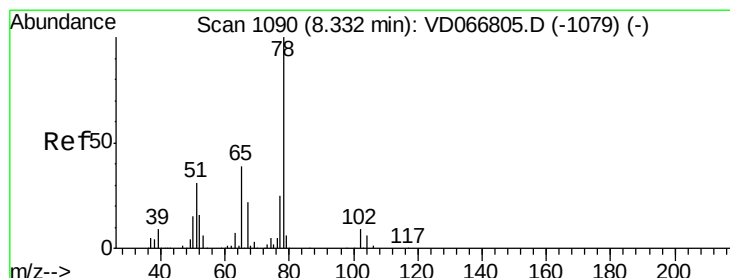
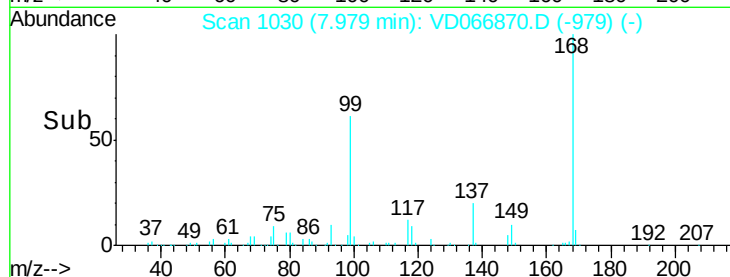
100000

50000

0

7.98

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.982 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066870.D

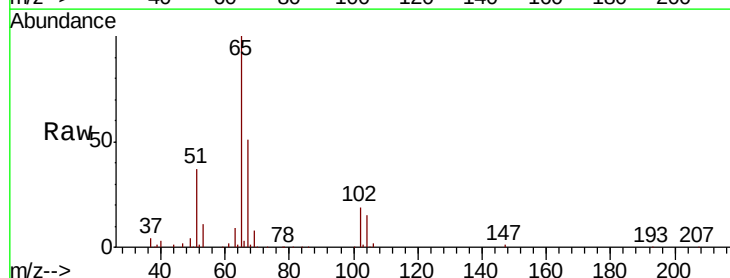
Acq: 25 Sep 2020 13:26

Tgt Ion: 65 Resp: 209826

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

100000

80000

60000

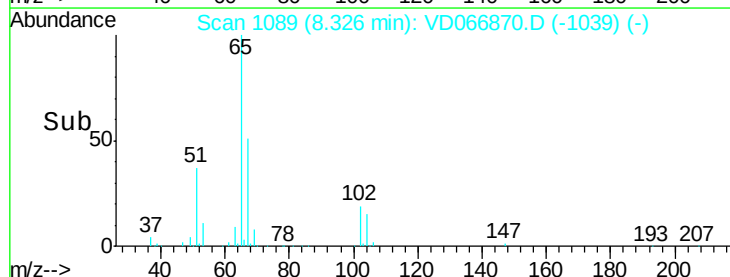
40000

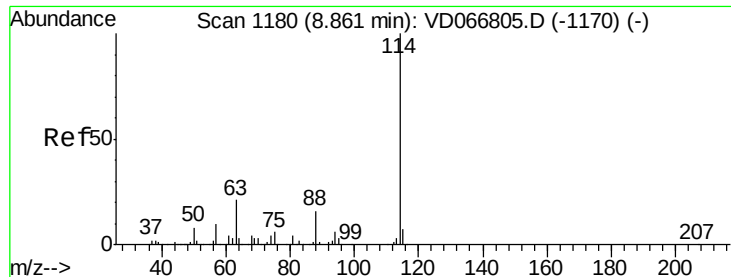
20000

0

8.33

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066870.D

Acq: 25 Sep 2020 13:26

Instrument :

MSVOA_D

ClientSampleId :

WR-PILE-3-4

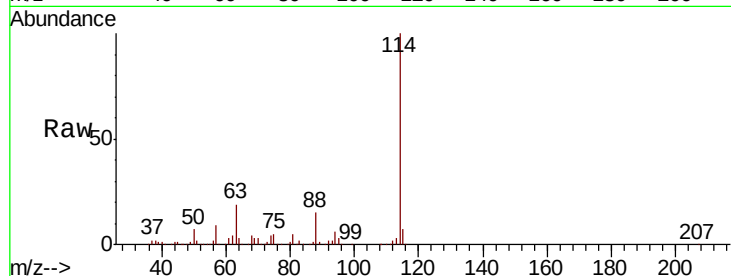
Tot Ion:114 Resp: 700579

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

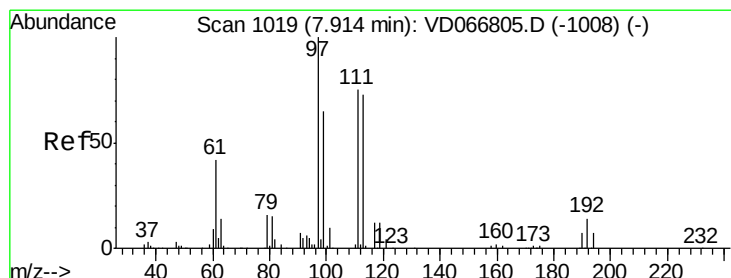
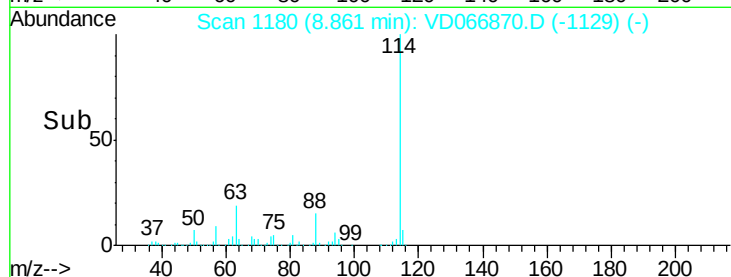
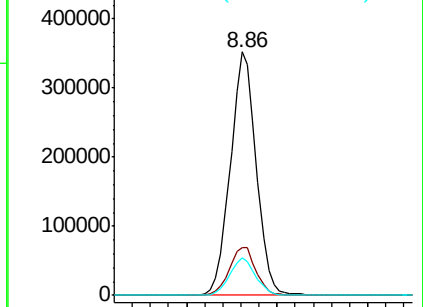
88 15.4 0.0 32.6



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: 50.343 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066870.D

Acq: 25 Sep 2020 13:26

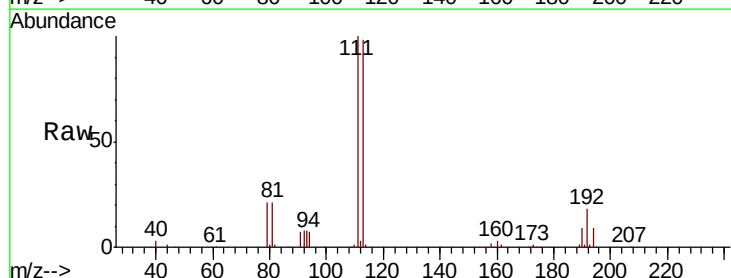
Tgt Ion:113 Resp: 224383

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

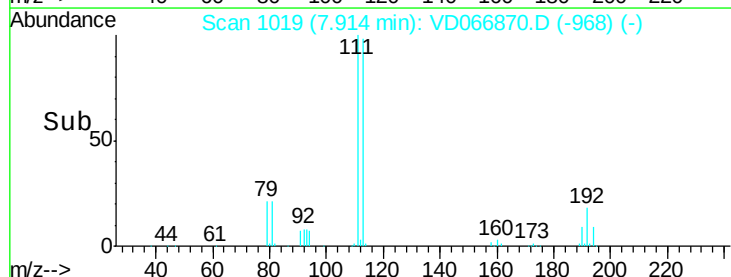
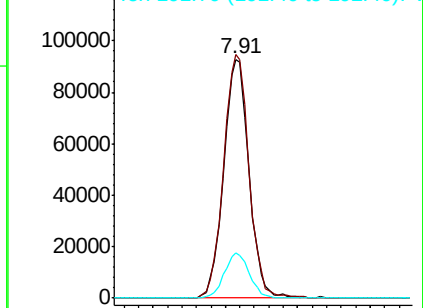
192 18.6 14.4 21.6

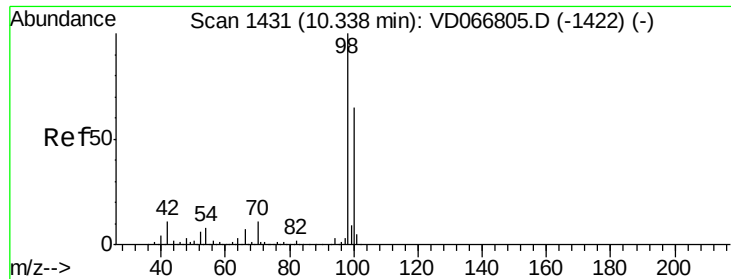


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

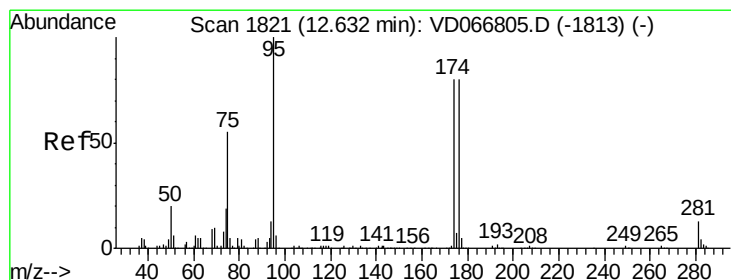
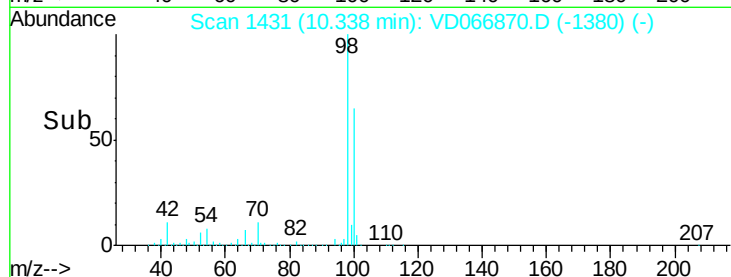
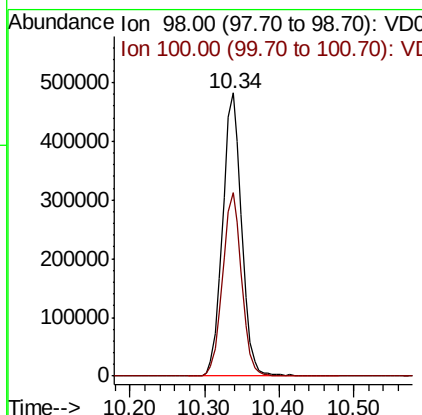
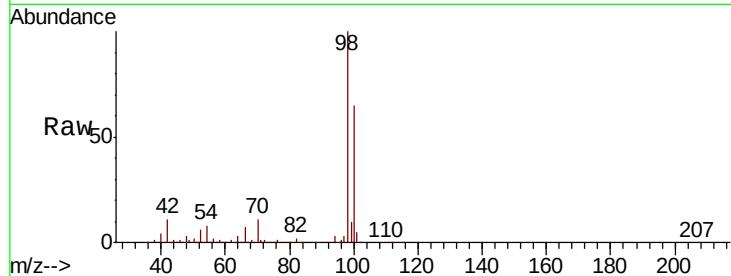




#50
Toluene-d8
Concen: 56.444 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066870.D
Acq: 25 Sep 2020 13:26

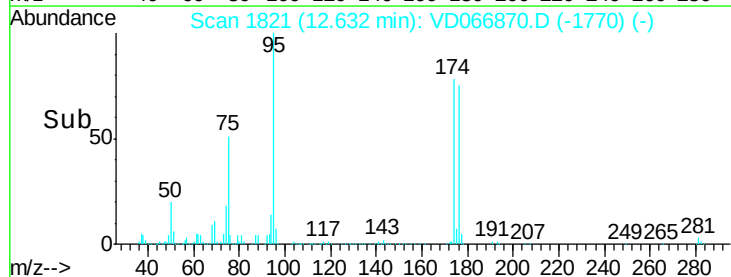
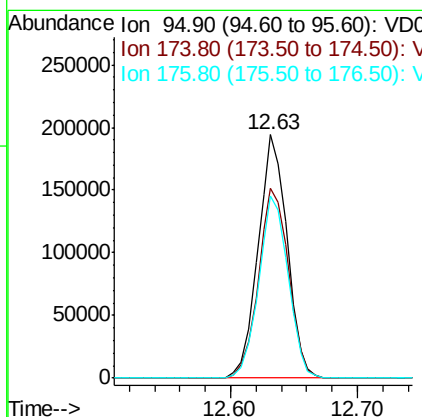
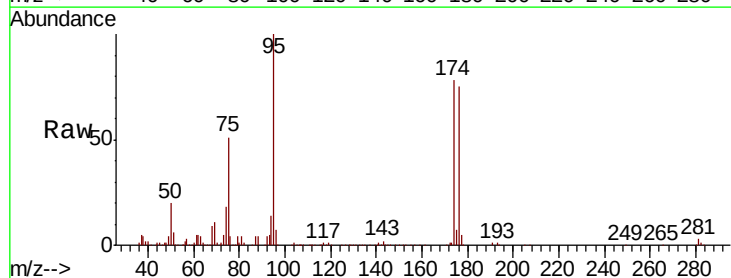
Instrument :
MSVOA_D
ClientSampleId :
WR-PILE-3-4

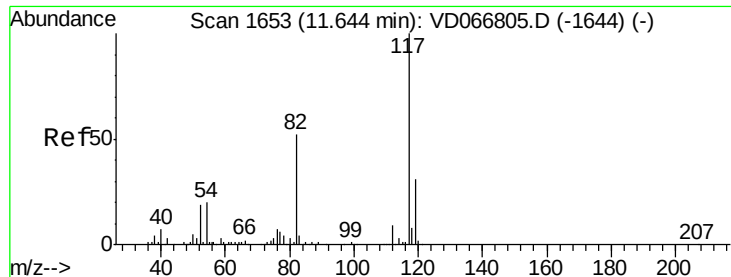
Tot Ion: 98 Resp: 857168
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 59.500 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066870.D
Acq: 25 Sep 2020 13:26

Tgt Ion: 95 Resp: 309326
Ion Ratio Lower Upper
95 100
174 80.8 0.0 159.8
176 76.1 0.0 154.4

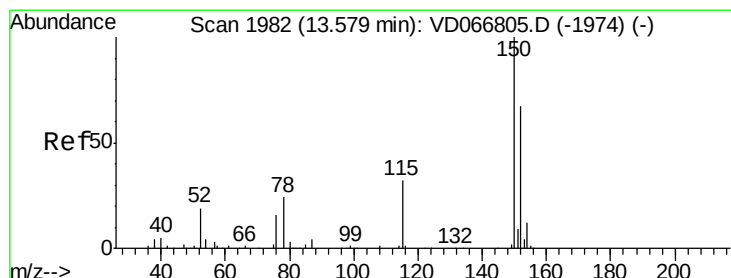
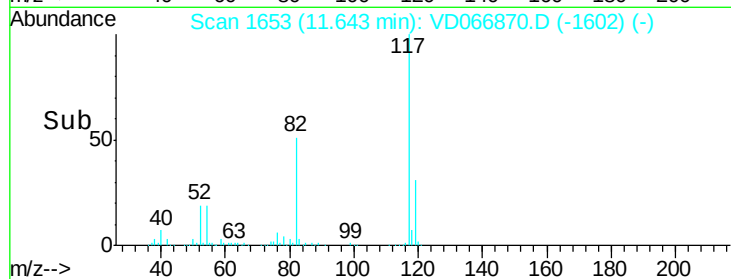
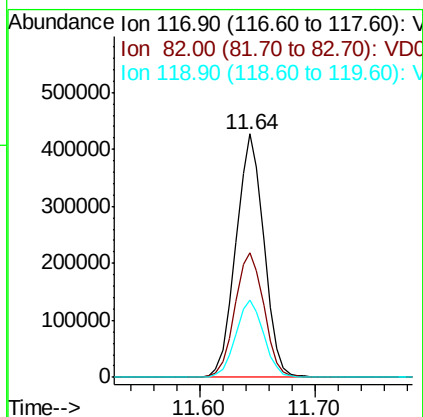
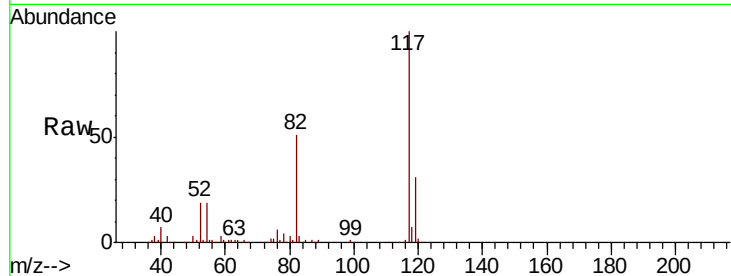




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066870.D
Acq: 25 Sep 2020 13:26

Instrument :
MSVOA_D
ClientSampleId :
WR-PILE-3-4

Tot Ion:117 Resp: 716347
Ion Ratio Lower Upper
117 100
82 51.3 41.8 62.6
119 31.5 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066870.D
Acq: 25 Sep 2020 13:26

Tgt Ion:152 Resp: 342129
Ion Ratio Lower Upper
152 100
115 60.0 30.3 91.0
150 155.7 0.0 346.2

