

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070419\
 Data File : VW011144.D
 Acq On : 03 Jul 2019 17:12
 Operator : SY/VA
 Sample : K3682-02
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 D-2X-ROLL-OFF-2-STOCK-PILE

Quant Time: Jul 04 04:34:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121570	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	128147	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
35) Dibromofluoromethane	7.88	113	100571	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
50) Toluene-d8	10.32	98	414086	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.62	95	137500	44.85	ug/l	0.00
Spiked Amount			Recovery	=	89.70%	

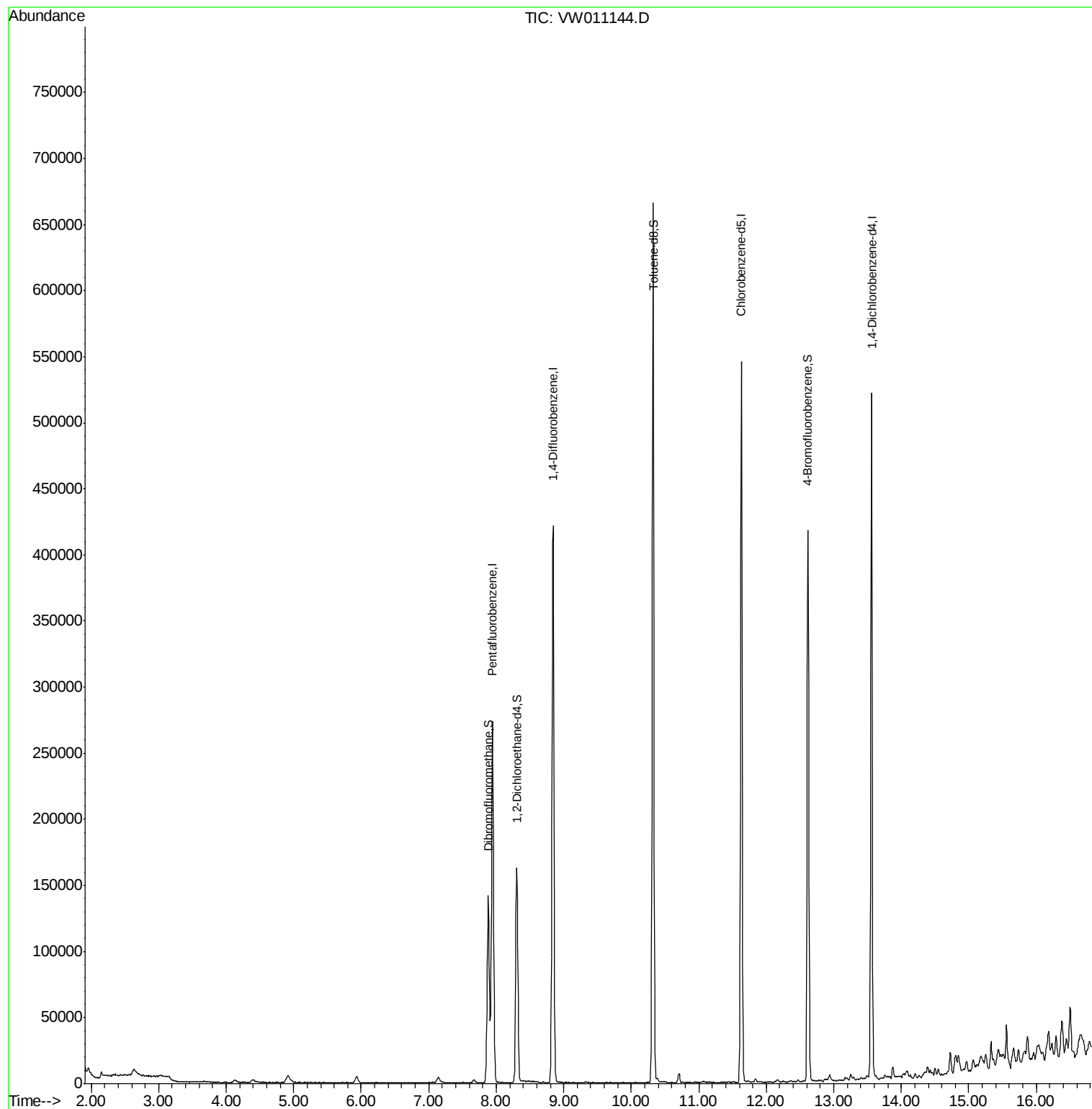
Target Compounds	Qvalue
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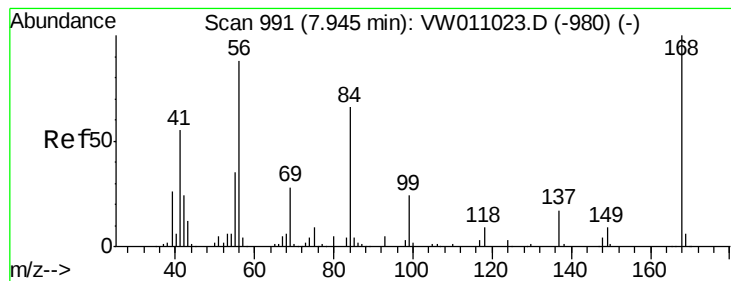
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011144.D

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Instrument :

MSVOA_W

ClientSampleId :

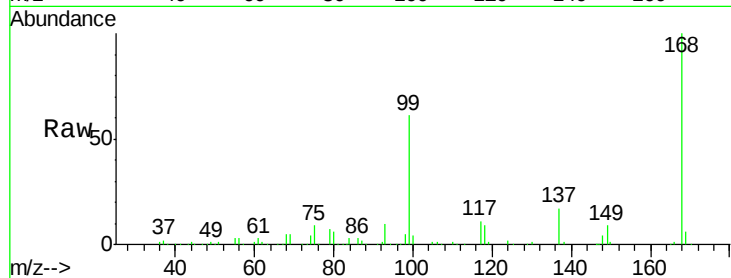
D-2X-ROLL-OFF-2-STOCK-PILE

Tot Ion:168 Resp: 193843

Ion Ratio Lower Upper

168 100

99 61.4 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

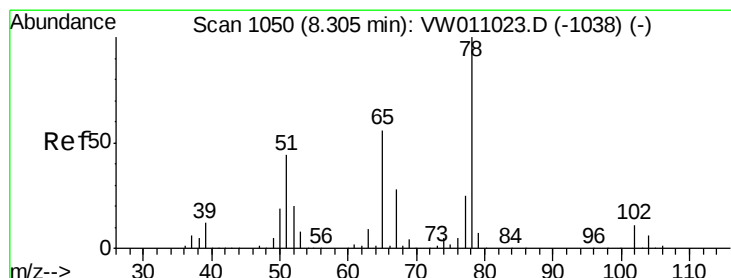
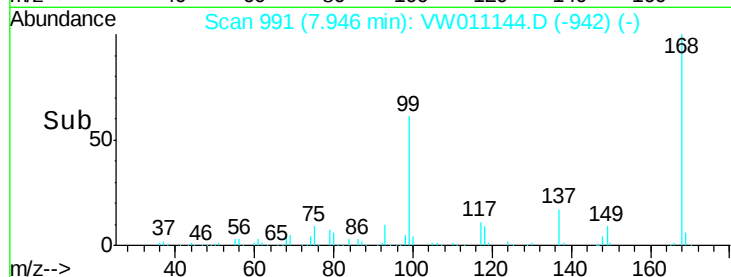
40000

20000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.570 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011144.D

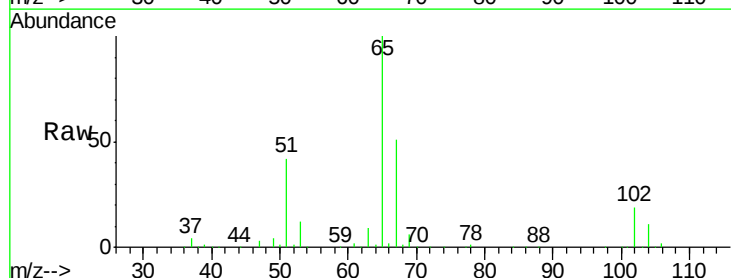
Acq: 03 Jul 2019 17:12

Tgt Ion: 65 Resp: 128147

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

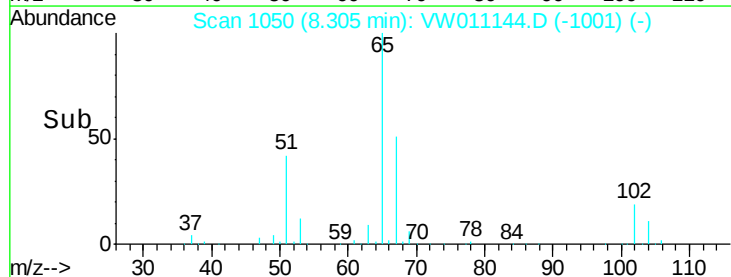
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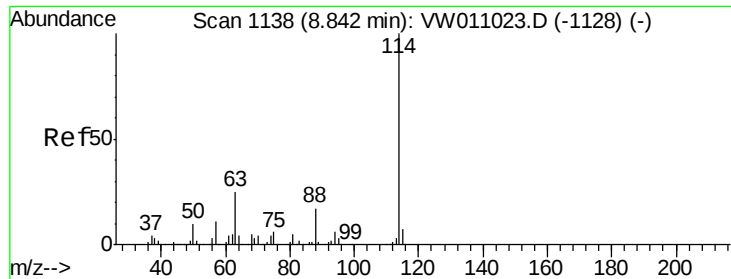
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0

8.20 8.30 8.40

Time-->

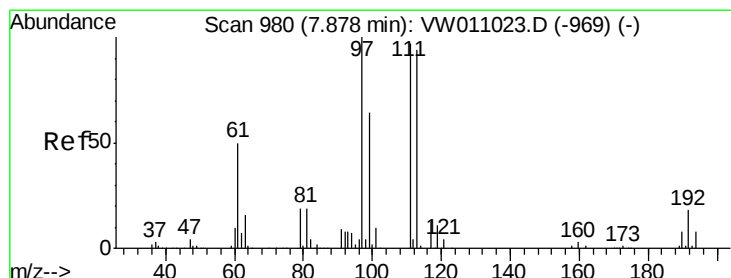
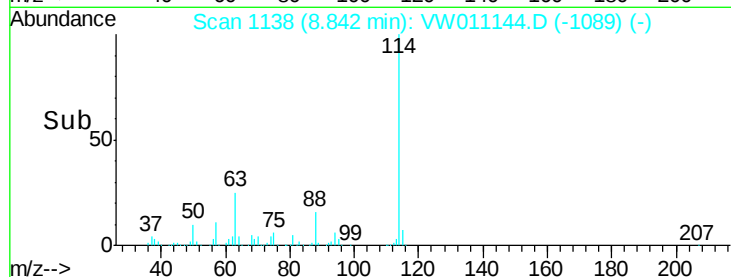
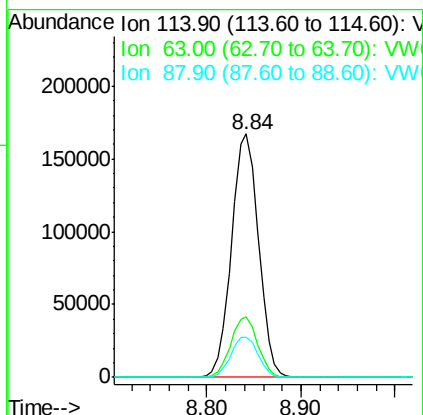
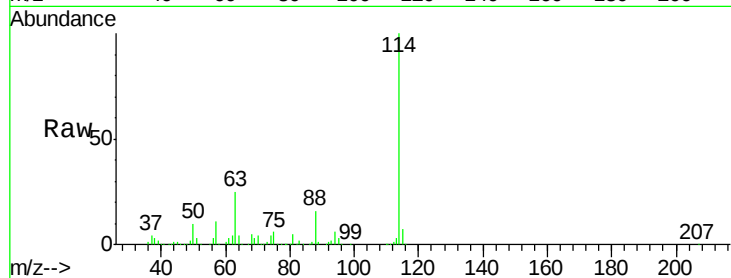




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011144.D
 Acq: 03 Jul 2019 17:12

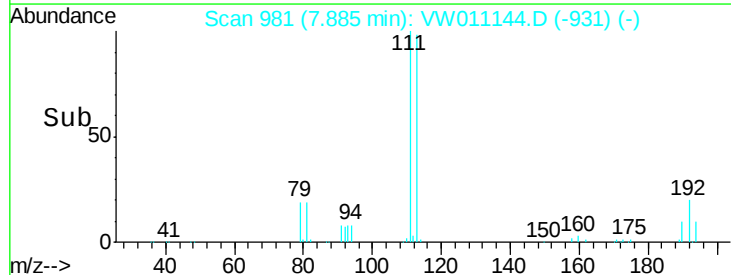
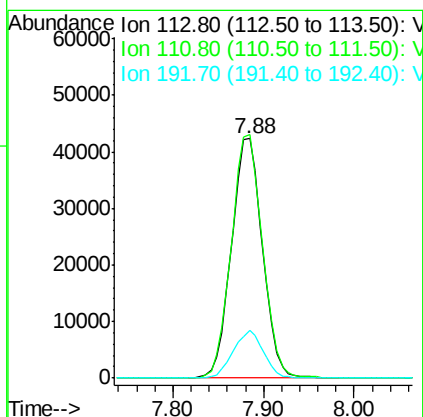
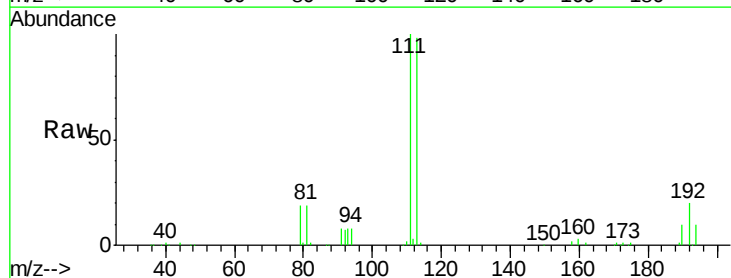
Instrument :
 MSVOA_W
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 D-2X-ROLL-OFF-2-STOCK-PILE

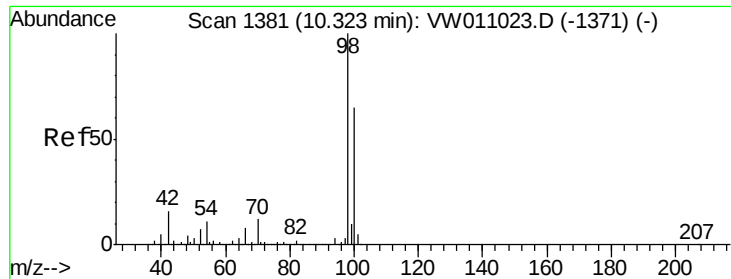
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	50.6
88	16.2	0.0	34.0



#35
 Dibromofluoromethane
 Concen: 49.391 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW011144.D
 Acq: 03 Jul 2019 17:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.8	125.6
192	19.3	16.0	24.0

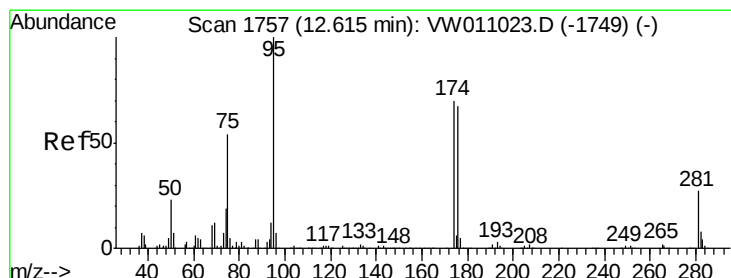
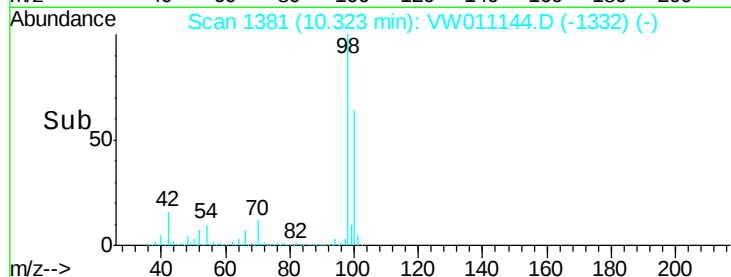
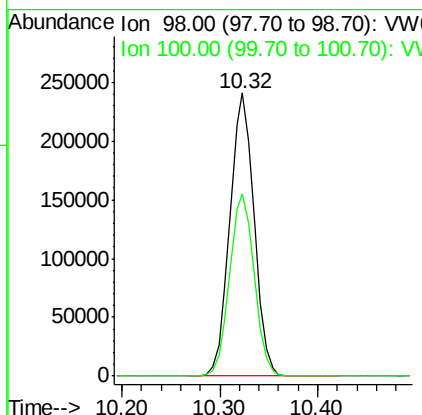
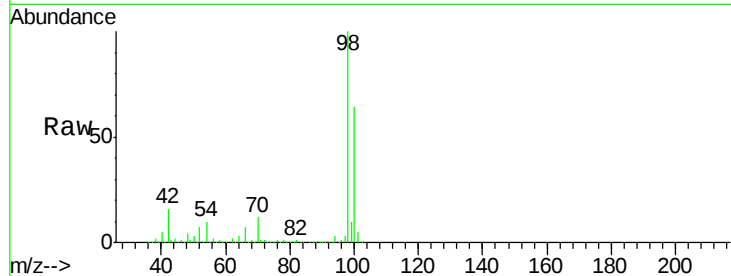




#50
Toluene-d8
Concen: 49.404 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011144.D
Acq: 03 Jul 2019 17:12

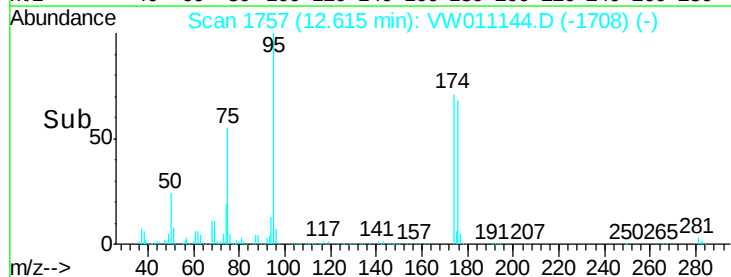
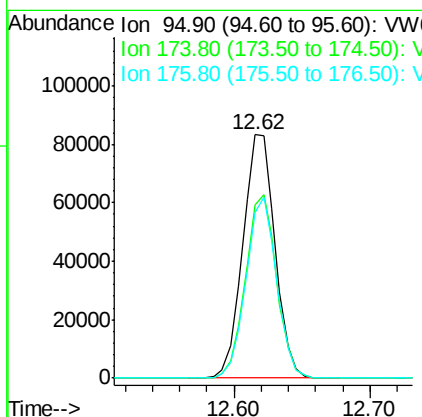
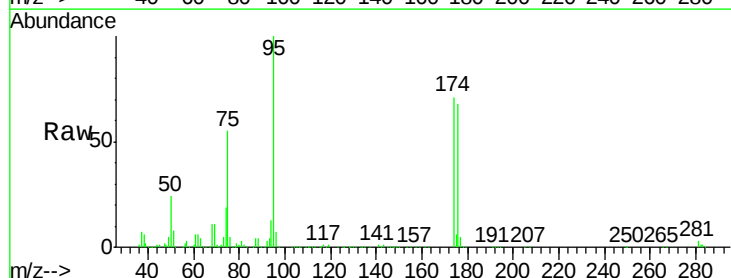
Instrument :
MSVOA_W
ClientSampleId :
D-2X-ROLL-OFF-2-STOCK-PILE

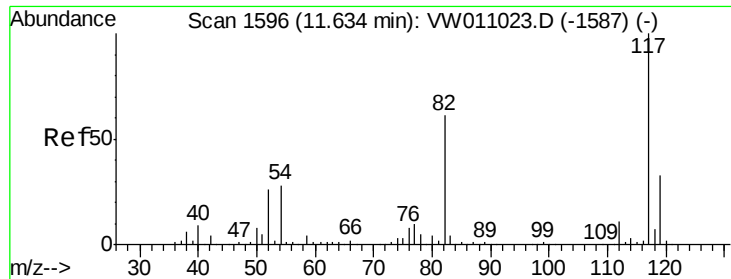
Tot Ion: 98 Resp: 414086
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.853 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011144.D
Acq: 03 Jul 2019 17:12

Tgt Ion: 95 Resp: 137500
Ion Ratio Lower Upper
95 100
174 73.2 0.0 149.2
176 71.1 0.0 143.6

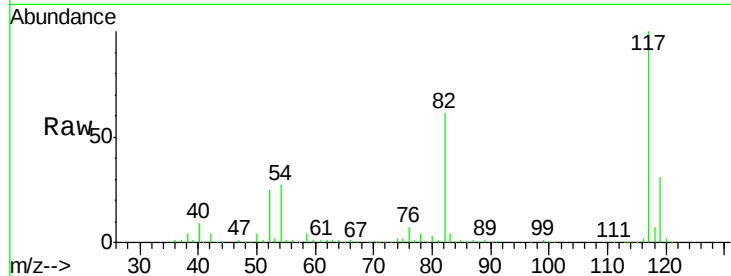




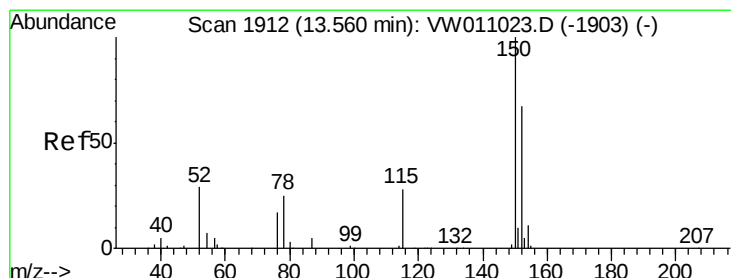
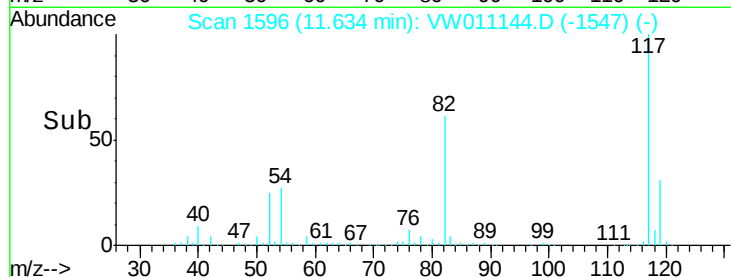
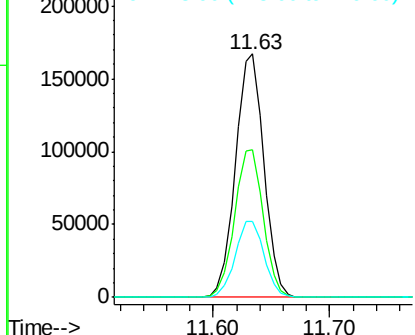
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011144.D
Acq: 03 Jul 2019 17:12

Instrument :
MSVOA_W
ClientSampleId :
D-2X-ROLL-OFF-2-STOCK-PILE

Tot Ion:117 Resp: 284528
Ion Ratio Lower Upper
117 100
82 60.6 48.6 73.0
119 31.1 26.1 39.1

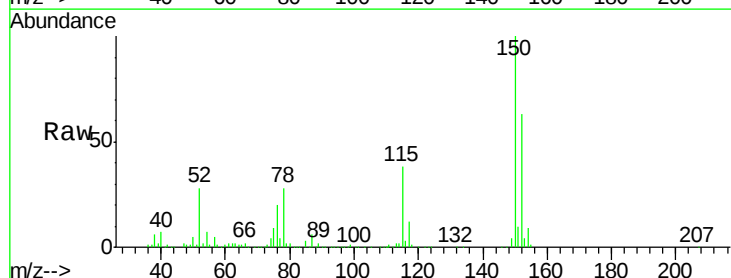


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011144.D
Acq: 03 Jul 2019 17:12

Tgt Ion:152 Resp: 121570
Ion Ratio Lower Upper
152 100
115 61.0 30.7 92.1
150 157.7 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

