

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011475.D
 Acq On : 24 Jul 2019 15:21
 Operator : SY/VA
 Sample : K3880-02
 Misc : 17.33G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-5B-G-2-071719

Quant Time: Jul 25 04:57:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	367578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151393	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	171585	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
35) Dibromofluoromethane	7.88	113	133686	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
50) Toluene-d8	10.32	98	536236	50.63	ug/l	0.00
Spiked Amount			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.61	95	176193	45.39	ug/l	0.00
Spiked Amount			Recovery	=	90.78%	

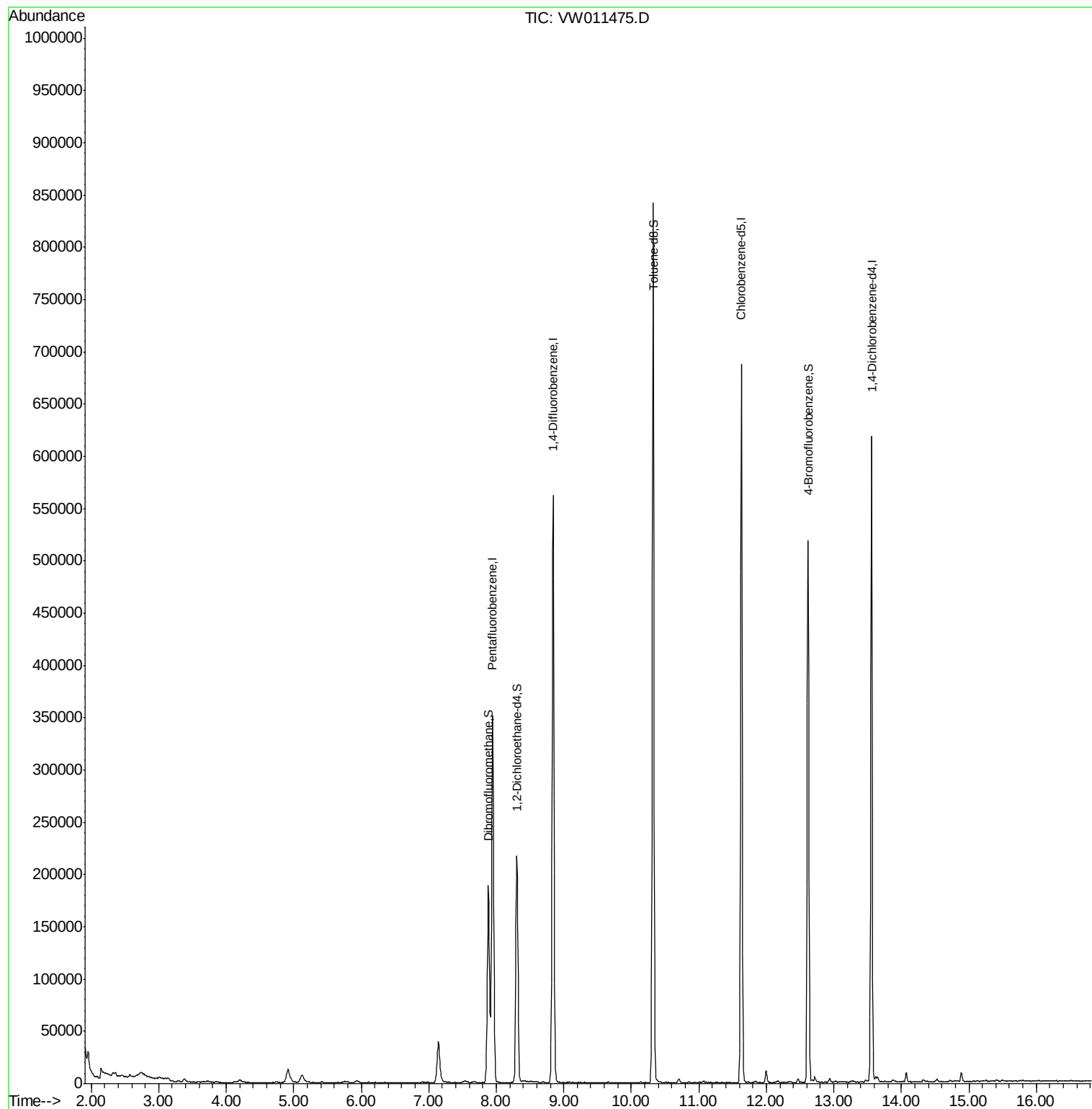
Target Compounds	Qvalue
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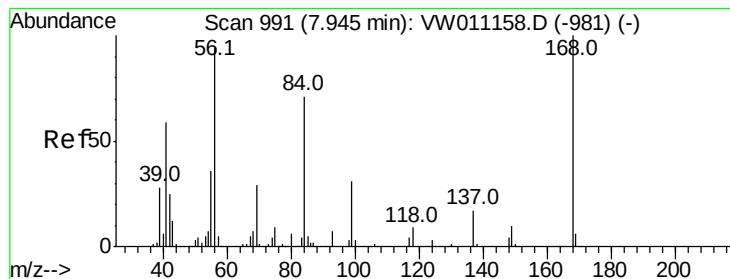
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011475.D

Acq: 24 Jul 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

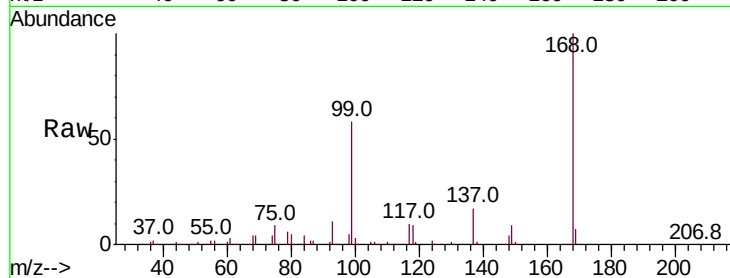
SUP-5B-G-2-071719

Tot Ion:168 Resp: 263116

Ion Ratio Lower Upper

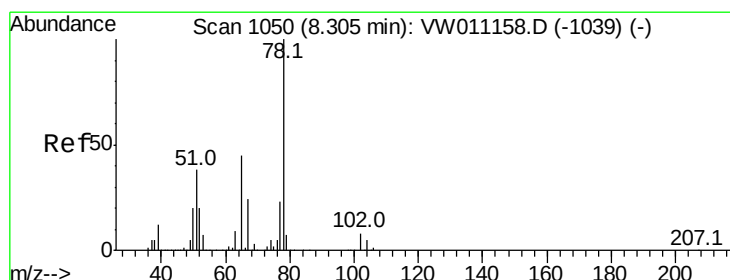
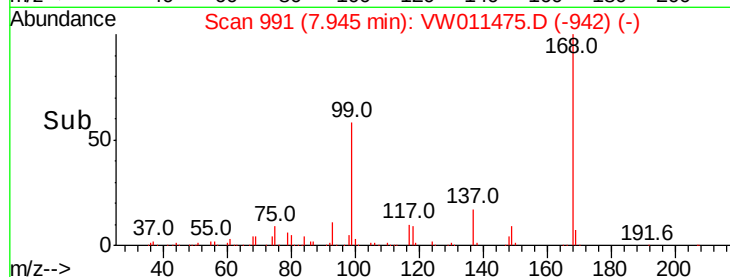
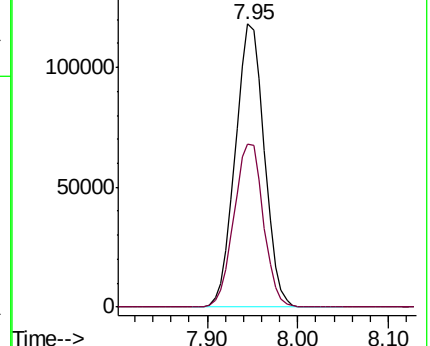
168 100

99 57.6 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 51.899 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011475.D

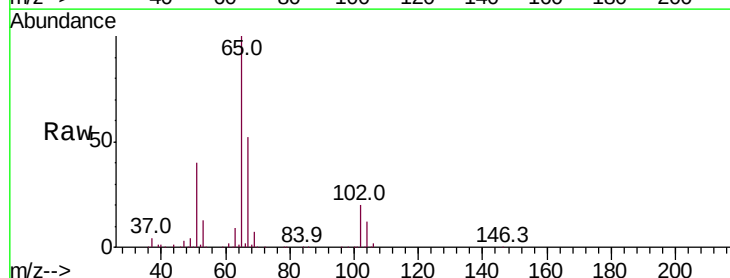
Acq: 24 Jul 2019 15:21

Tgt Ion: 65 Resp: 171585

Ion Ratio Lower Upper

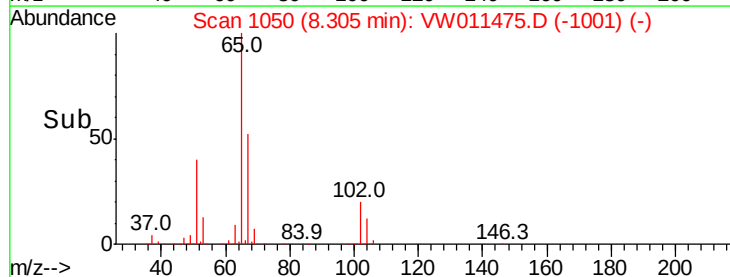
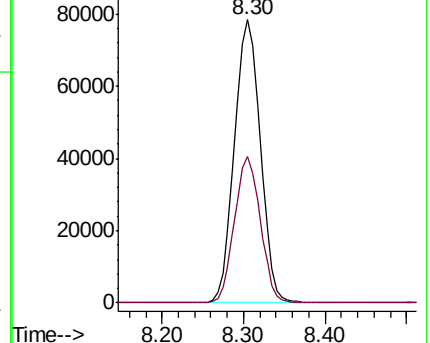
65 100

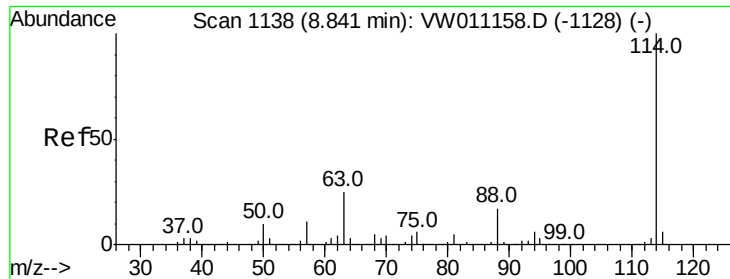
67 51.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

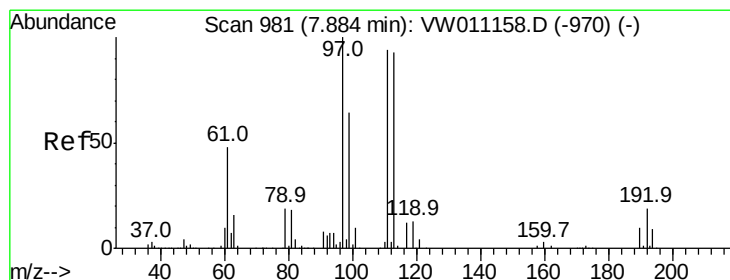
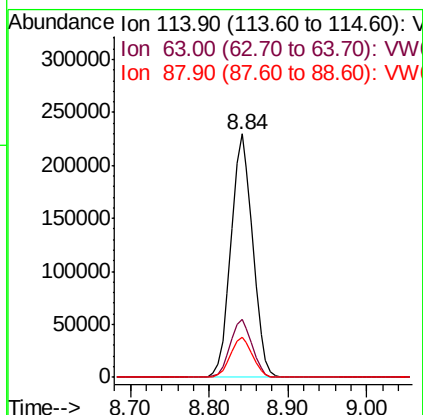
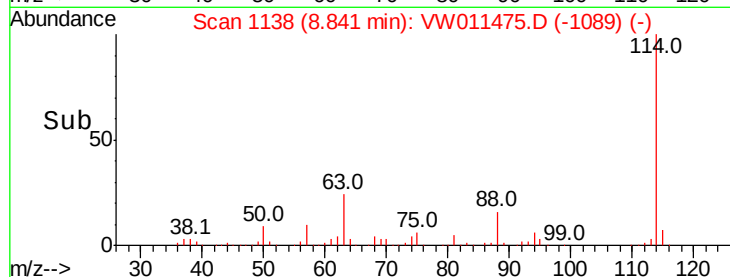
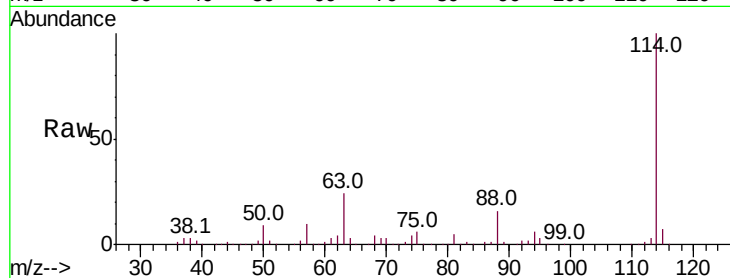




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011475.D
 Acq: 24 Jul 2019 15:21

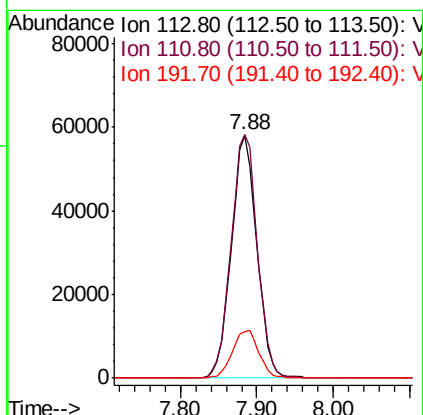
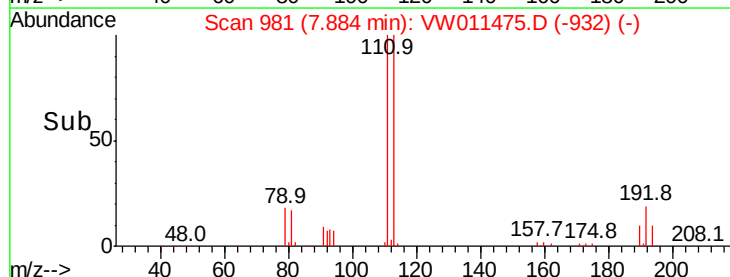
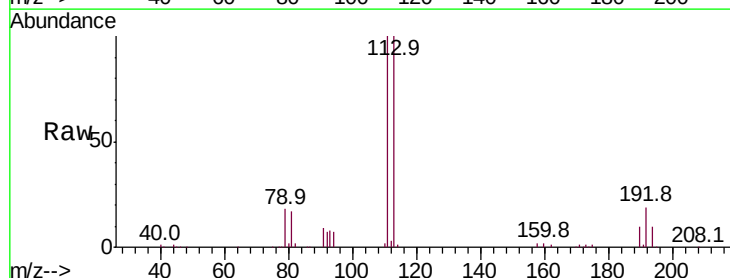
Instrument :
 MSVOA_W
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 SUP-5B-G-2-071719

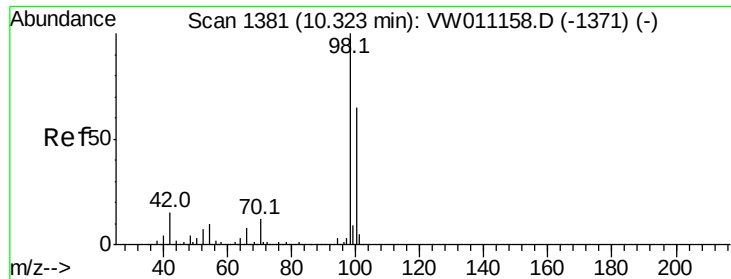
Tot Ion:114 Resp: 439570
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.8
 88 16.5 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 51.025 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011475.D
 Acq: 24 Jul 2019 15:21

Tgt Ion:113 Resp: 133686
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.4 123.6
 192 20.5 15.8 23.8

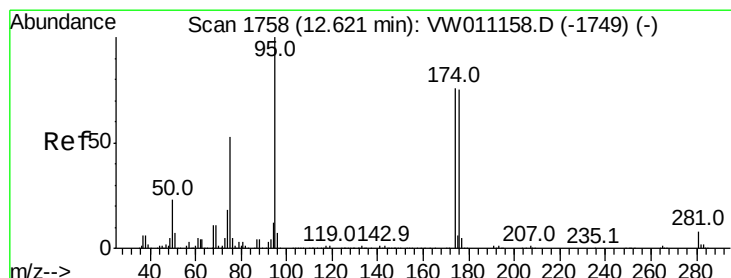
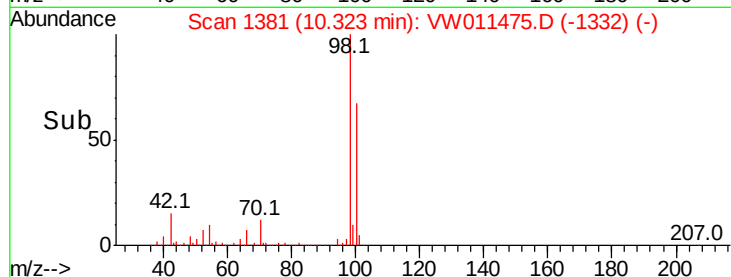
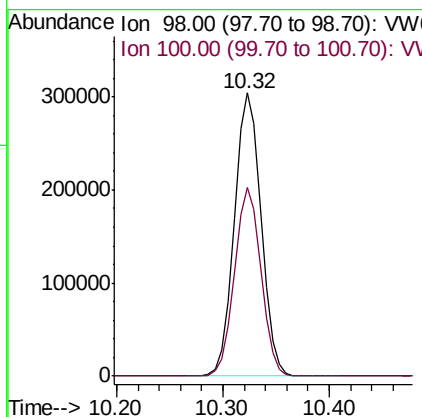
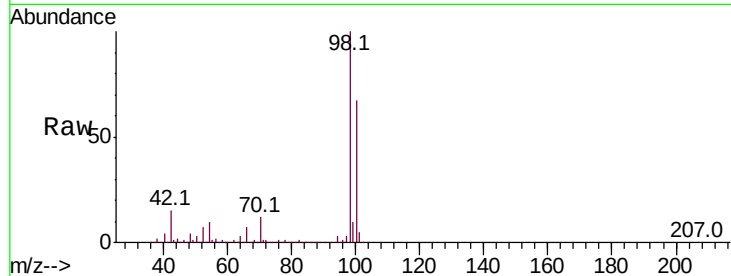




#50
Toluene-d8
Concen: 50.633 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011475.D
Acq: 24 Jul 2019 15:21

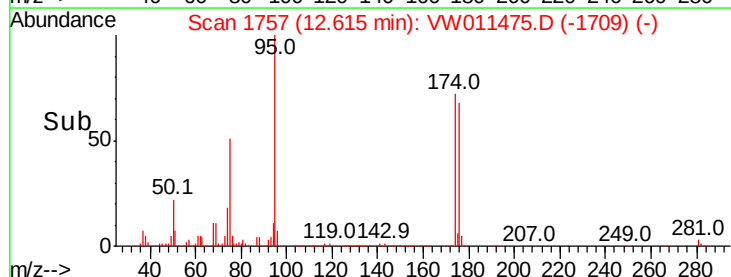
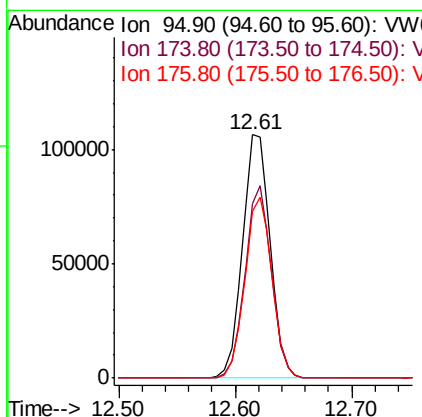
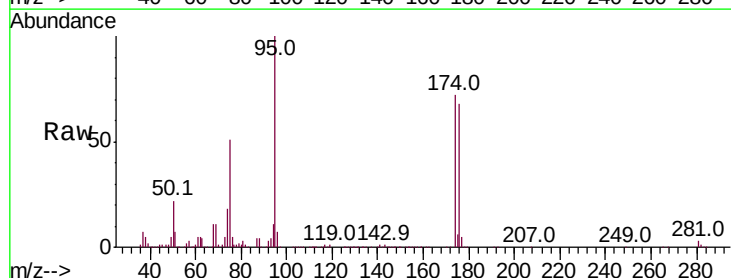
Instrument :
MSVOA_W
ClientSampleId :
SUP-5B-G-2-071719

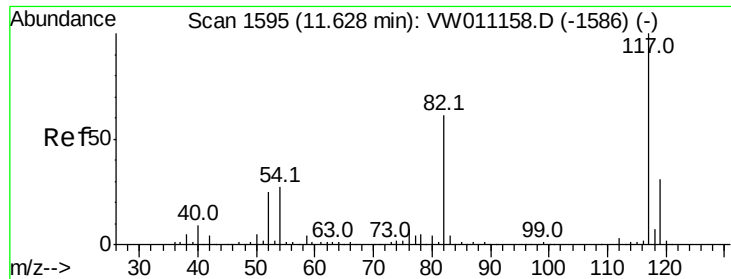
Tot Ion: 98 Resp: 536236
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.389 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011475.D
Acq: 24 Jul 2019 15:21

Tgt Ion: 95 Resp: 176193
Ion Ratio Lower Upper
95 100
174 76.0 0.0 147.6
176 73.2 0.0 144.6

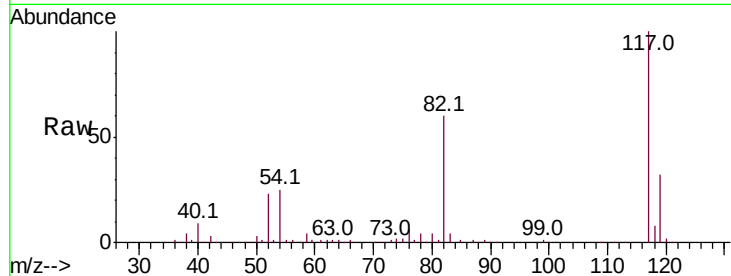




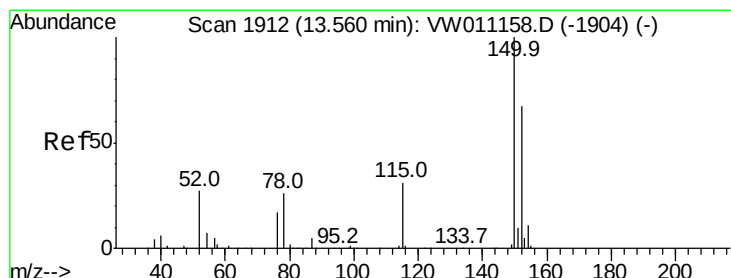
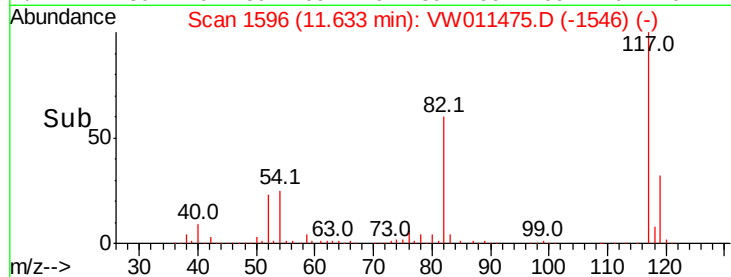
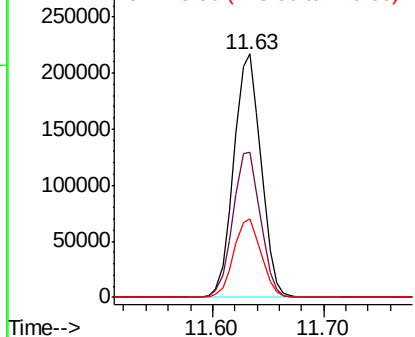
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011475.D
Acq: 24 Jul 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
SUP-5B-G-2-071719

Tot Ion:117 Resp: 367578
Ion Ratio Lower Upper
117 100
82 59.8 48.9 73.3
119 32.4 25.0 37.6

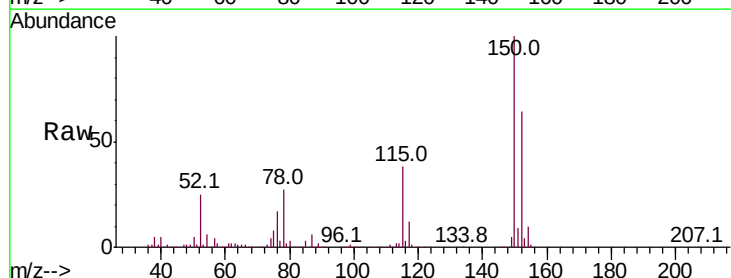


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011475.D
Acq: 24 Jul 2019 15:21

Tgt Ion:152 Resp: 151393
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.3
150 157.0 0.0 346.0



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

