

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011541.D
 Acq On : 27 Jul 2019 03:02
 Operator : SY/VA
 Sample : K3990-09
 Misc : 5.50G/5.0ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5-A

Quant Time: Jul 27 06:34:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	451661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133277	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	178795	56.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.40%	
35) Dibromofluoromethane	7.88	113	137656	54.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.66%	
50) Toluene-d8	10.32	98	566419	54.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.20%	
62) 4-Bromofluorobenzene	12.62	95	168991	45.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.38%	

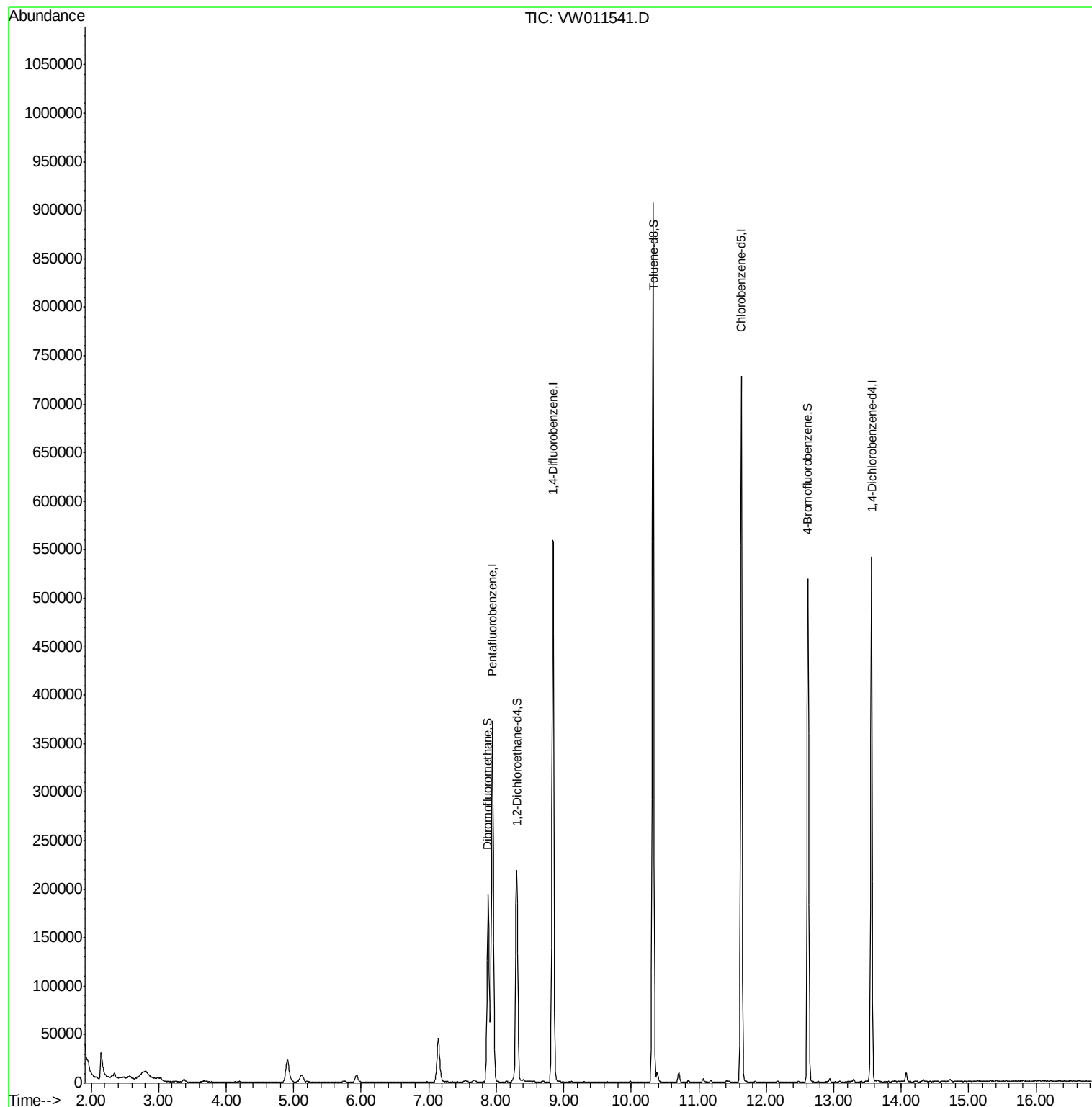
Target Compounds	Qvalue
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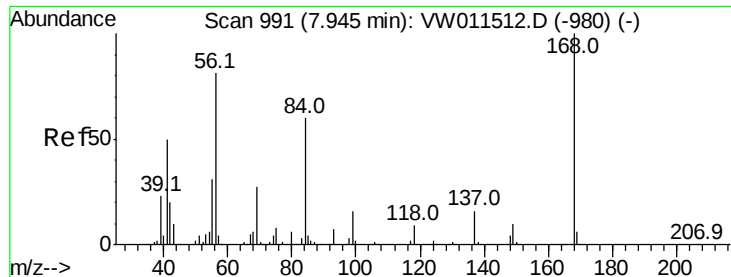
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011541.D

Acq: 27 Jul 2019 03:02

Instrument :

MSVOA_W

ClientSampleId :

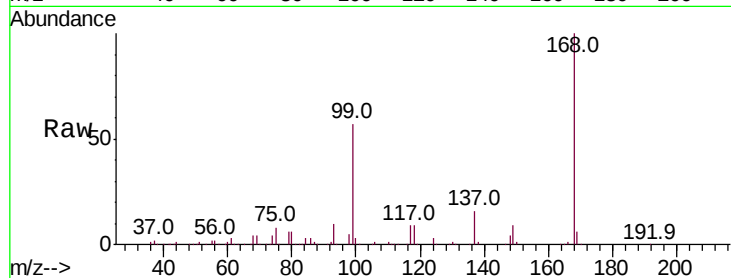
TP-5-A

Tot Ion:168 Resp: 274630

Ion Ratio Lower Upper

168 100

99 56.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

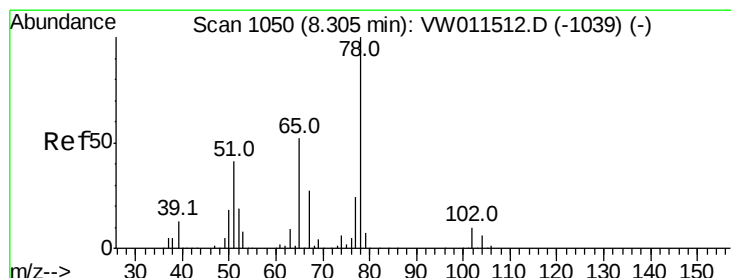
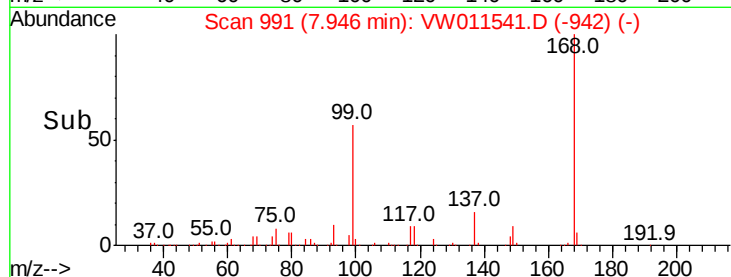
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 56.697 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011541.D

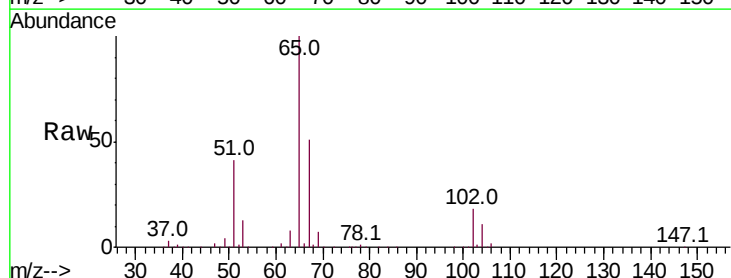
Acq: 27 Jul 2019 03:02

Tgt Ion: 65 Resp: 178795

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

60000

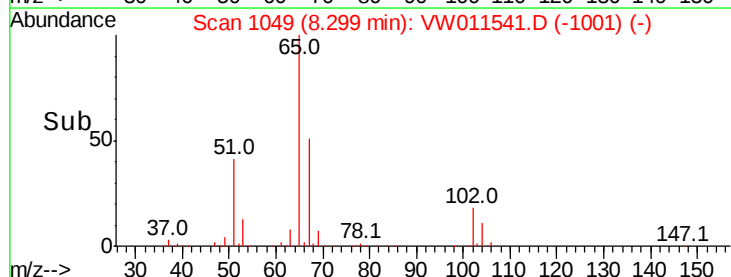
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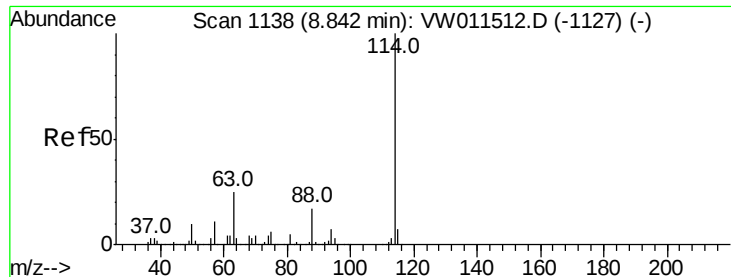
20000

0

Time-->

8.20 8.30 8.40

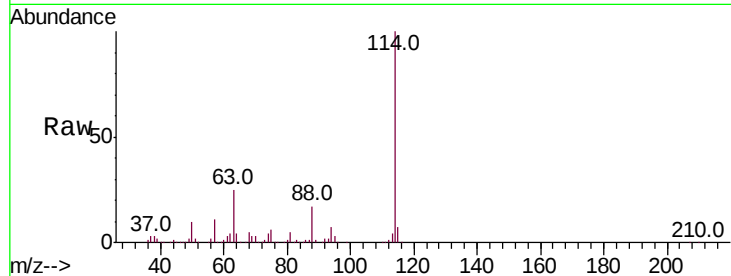




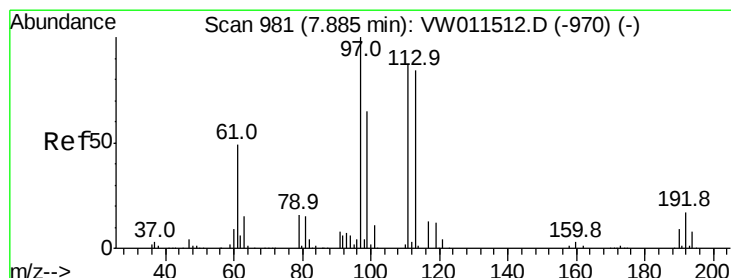
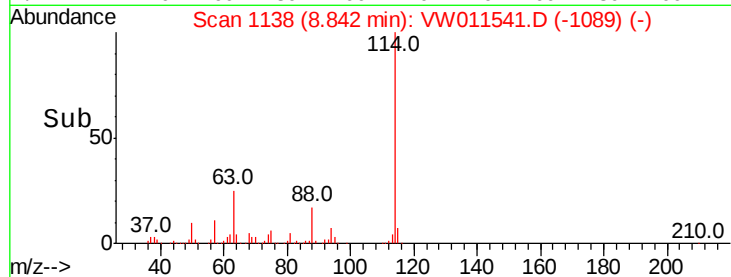
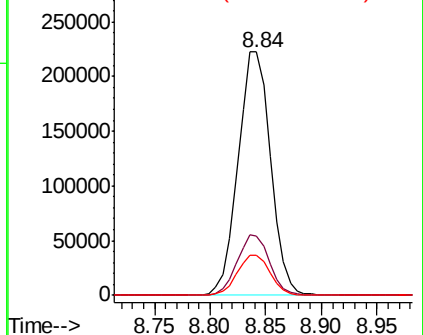
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011541.D
Acq: 27 Jul 2019 03:02

Instrument :
MSVOA_W
ClientSampleId :
TP-5-A

Tot Ion:114 Resp: 451661
Ion Ratio Lower Upper
114 100
63 24.5 0.0 49.2
88 16.6 0.0 33.8

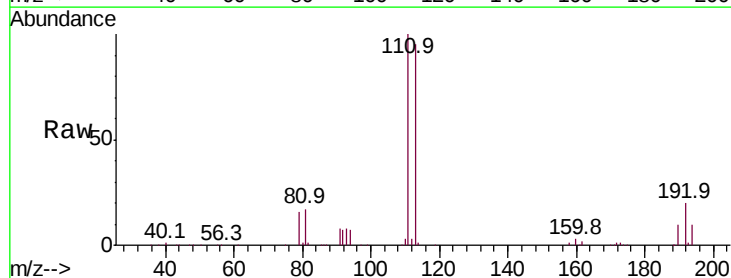


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

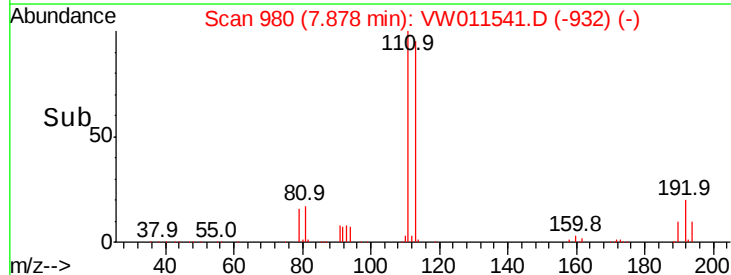
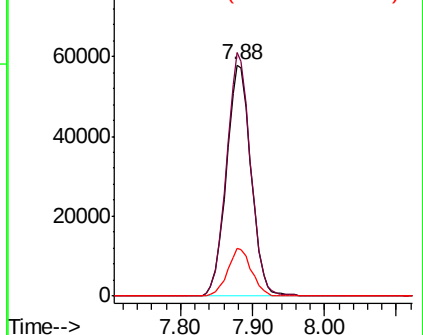


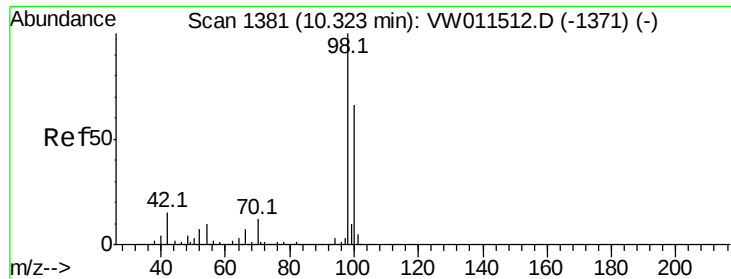
#35
Dibromofluoromethane
Concen: 54.326 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW011541.D
Acq: 27 Jul 2019 03:02

Tgt Ion:113 Resp: 137656
Ion Ratio Lower Upper
113 100
111 103.2 82.7 124.1
192 20.0 16.1 24.1



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

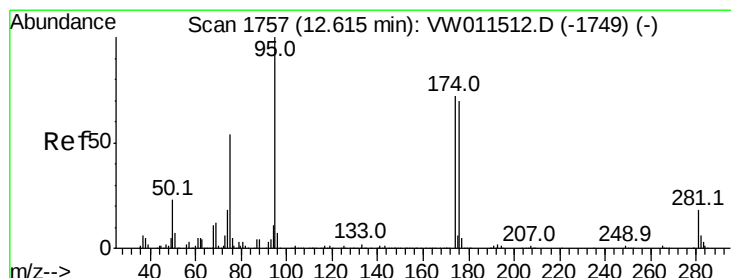
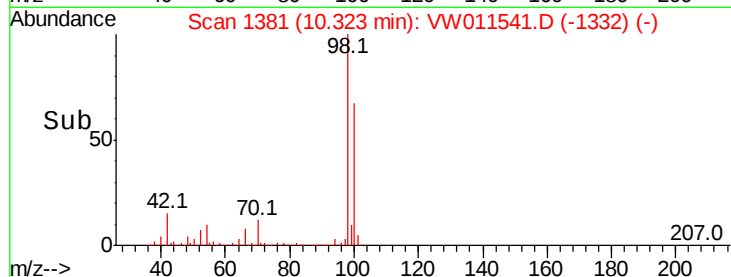
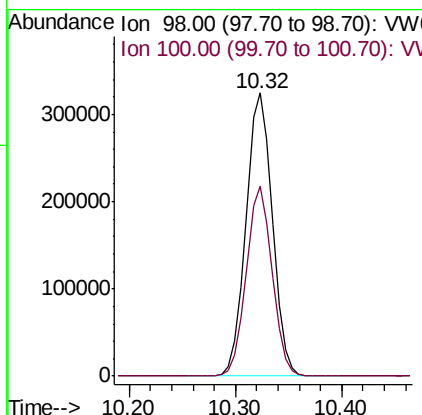
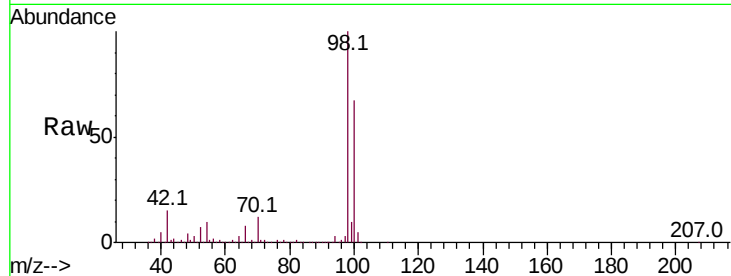




#50
Toluene-d8
Concen: 54.597 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011541.D
Acq: 27 Jul 2019 03:02

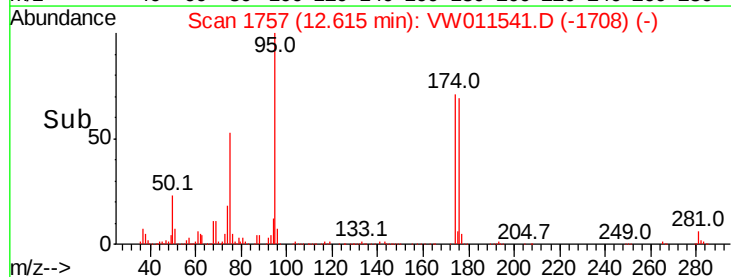
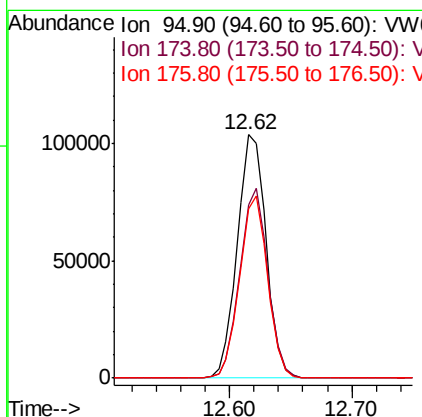
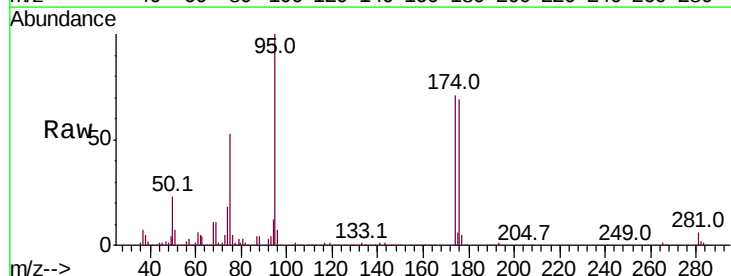
Instrument :
MSVOA_W
ClientSampleId :
TP-5-A

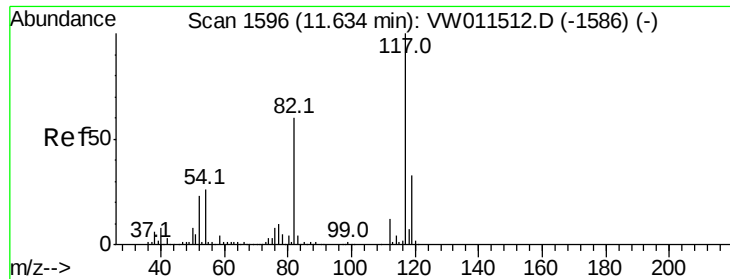
Tot Ion: 98 Resp: 566419
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.689 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011541.D
Acq: 27 Jul 2019 03:02

Tgt Ion: 95 Resp: 168991
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.2
176 73.2 0.0 144.4

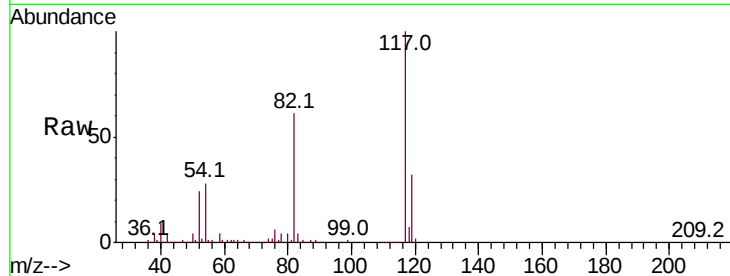




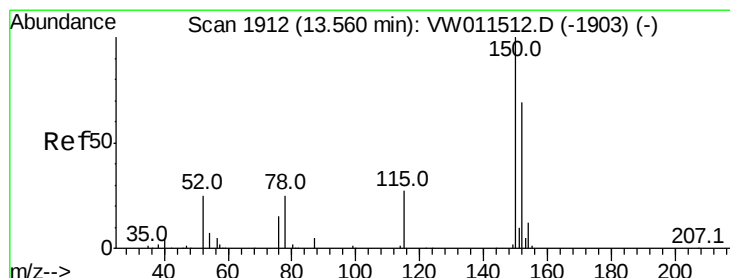
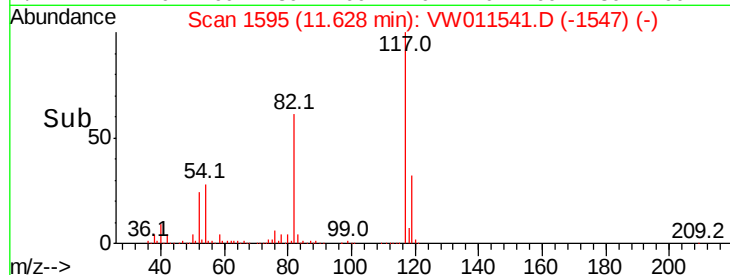
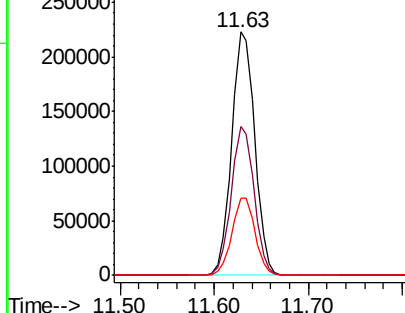
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011541.D
Acq: 27 Jul 2019 03:02

Instrument :
MSVOA_W
ClientSampleId :
TP-5-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	47.9	71.9
119	31.7	26.2	39.2

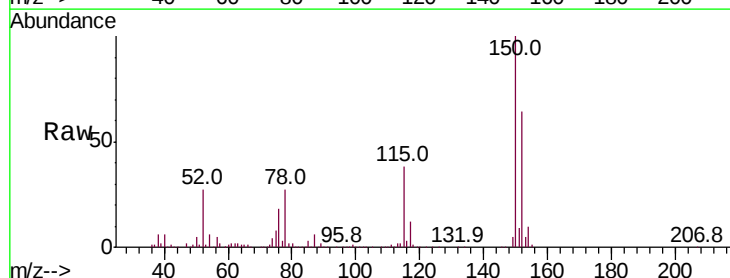


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011541.D
Acq: 27 Jul 2019 03:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.5	91.5
150	157.4	0.0	352.6



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

