

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011519.D
 Acq On : 26 Jul 2019 16:41
 Operator : SY/VA
 Sample : K3626-09
 Misc : 6.99G/5.0ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-072519-A

Quant Time: Jul 27 06:17:31 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	207264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117065	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	141001	59.24	ug/l	0.00
Spiked Amount			Recovery	=	118.48%	
35) Dibromofluoromethane	7.88	113	105171	55.30	ug/l	0.00
Spiked Amount			Recovery	=	110.60%	
50) Toluene-d8	10.32	98	413351	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.62	95	135414	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	

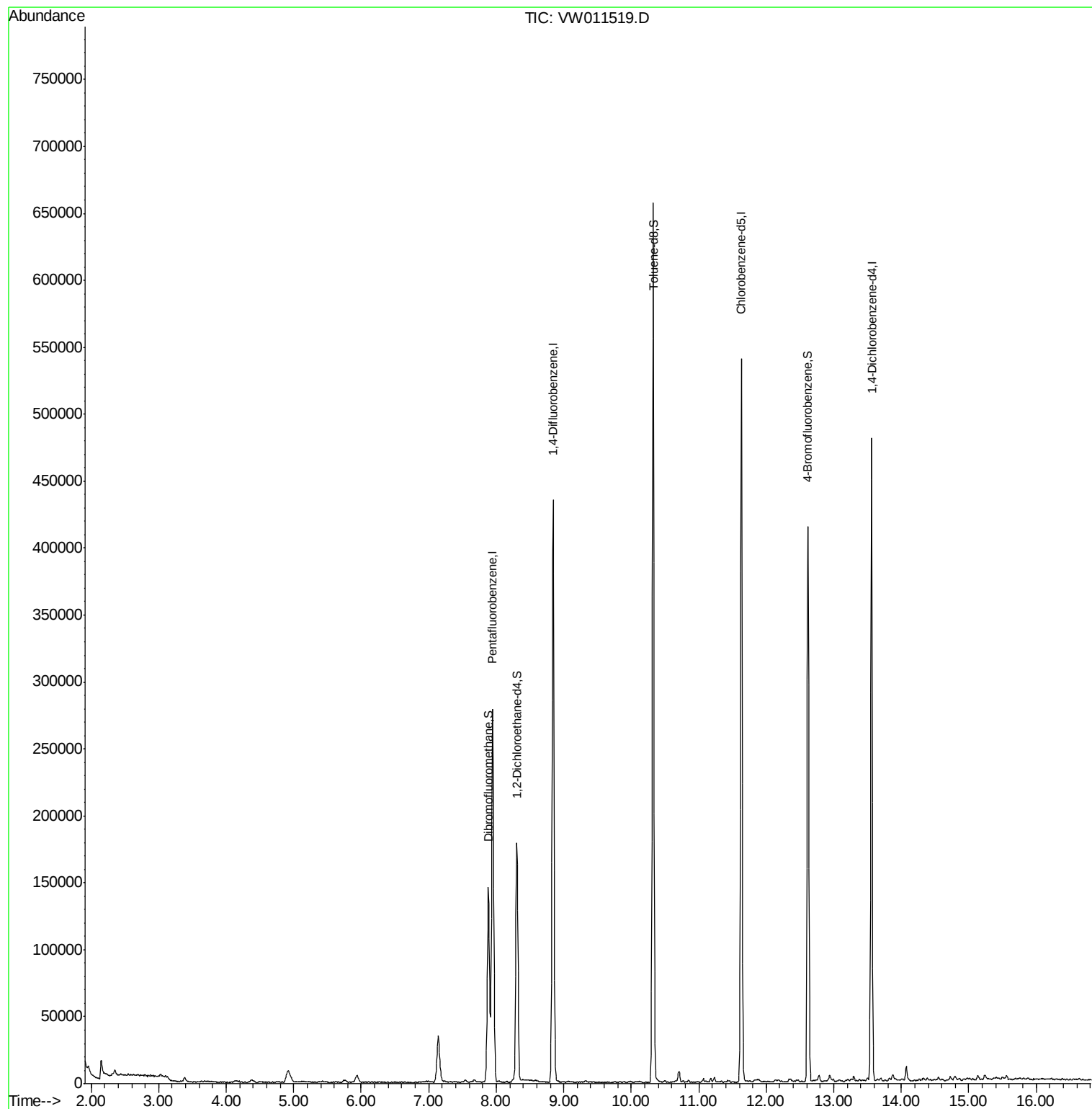
Target Compounds	Qvalue
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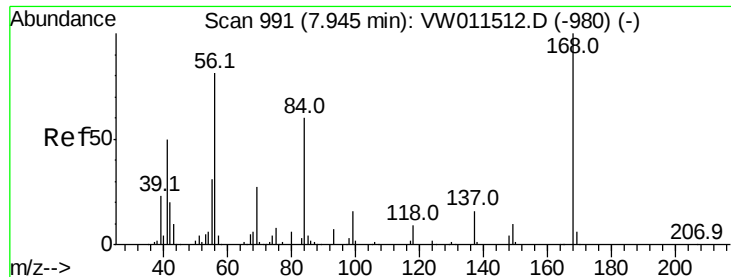
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW011519.D

Acq: 26 Jul 2019 16:41

Instrument :

MSVOA_W

ClientSampleId :

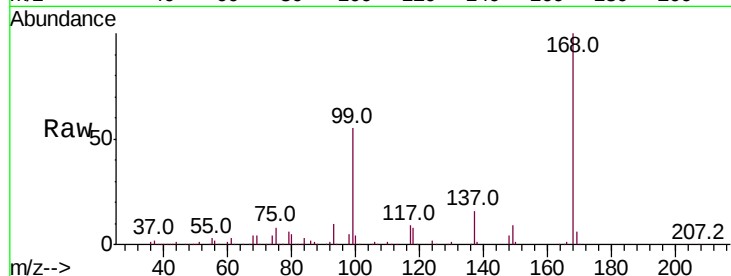
SU-01-072519-A

Tot Ion:168 Resp: 207264

Ion Ratio Lower Upper

168 100

99 55.3 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

100000

80000

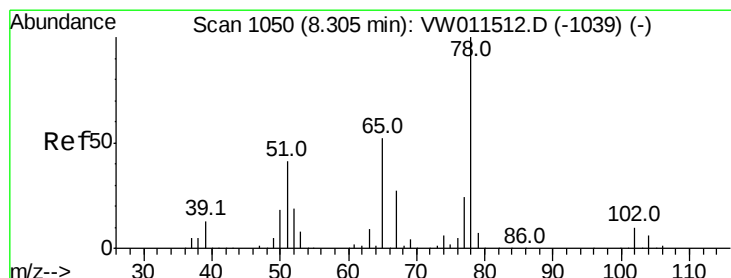
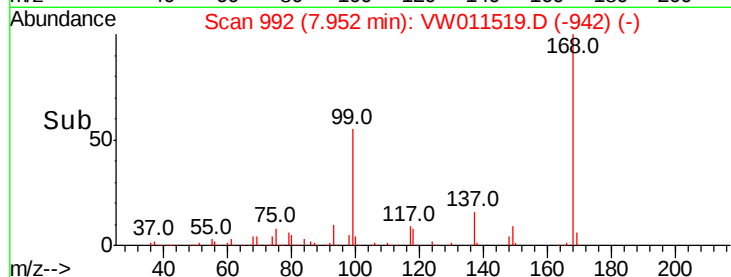
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 59.245 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011519.D

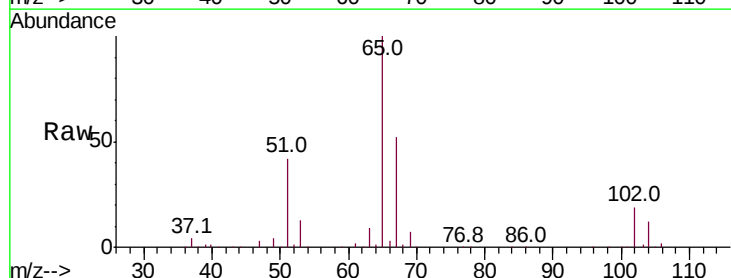
Acq: 26 Jul 2019 16:41

Tgt Ion: 65 Resp: 141001

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

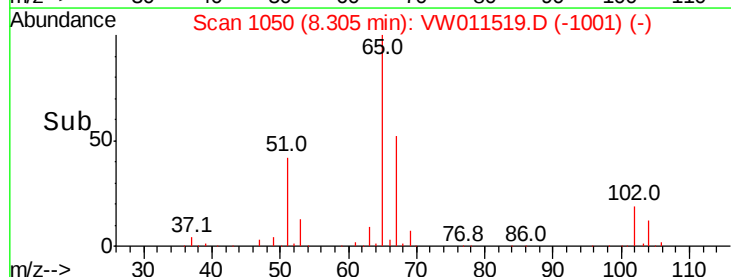
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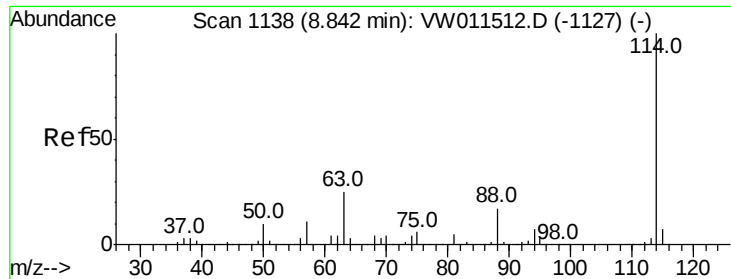
40000

20000

0

Time--> 8.20 8.30 8.40

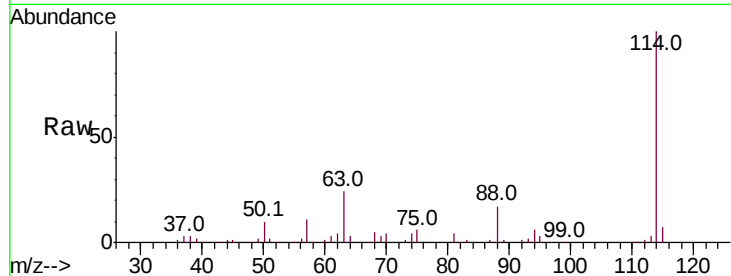




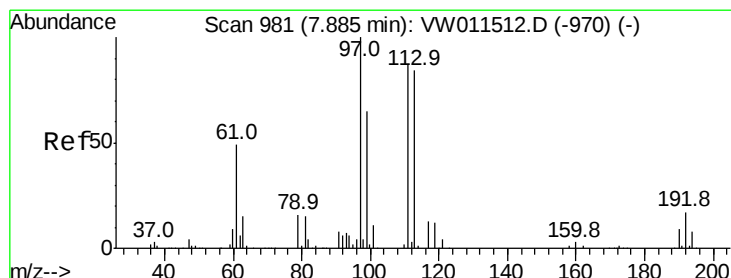
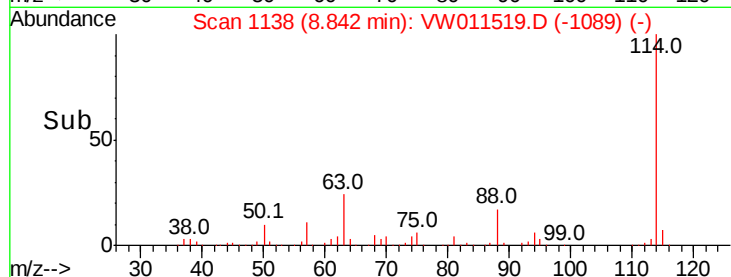
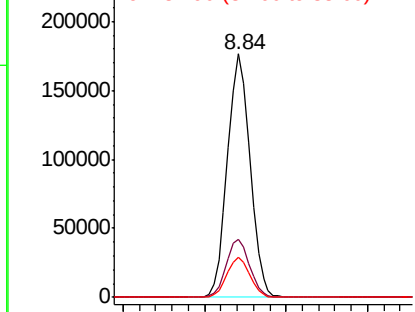
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011519.D
 Acq: 26 Jul 2019 16:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-072519-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	49.2
88	16.7	0.0	33.8

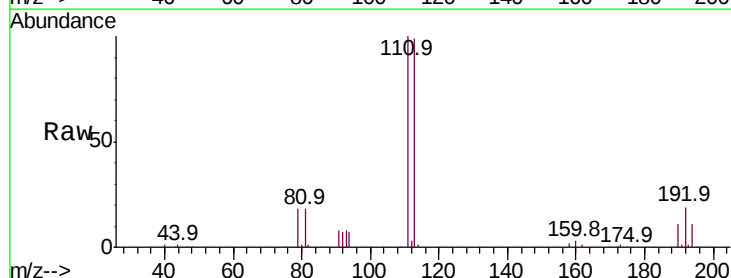


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

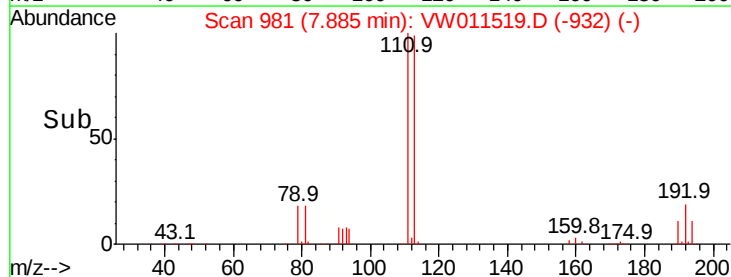
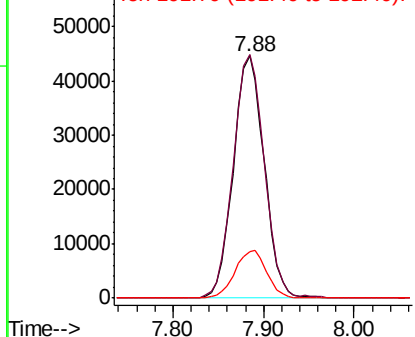


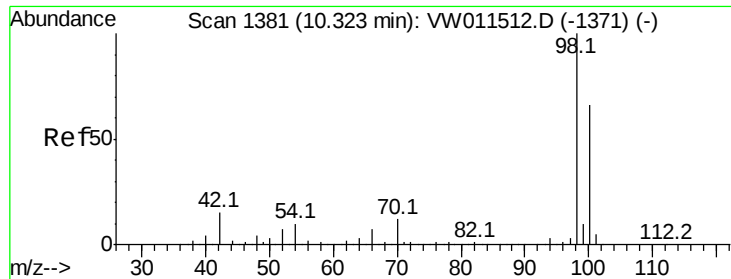
#35
 Dibromofluoromethane
 Concen: 55.296 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011519.D
 Acq: 26 Jul 2019 16:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	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

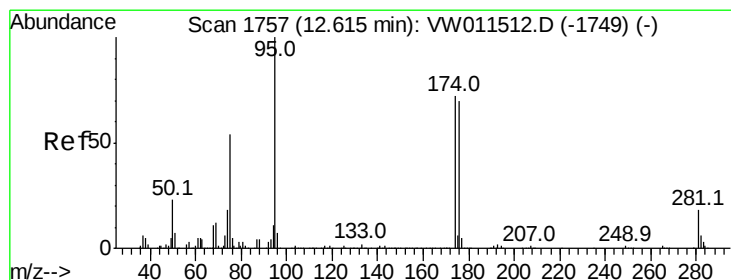
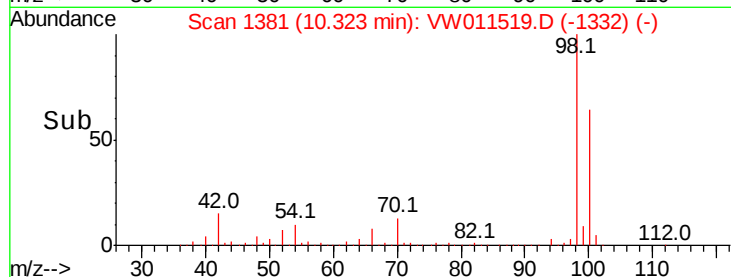
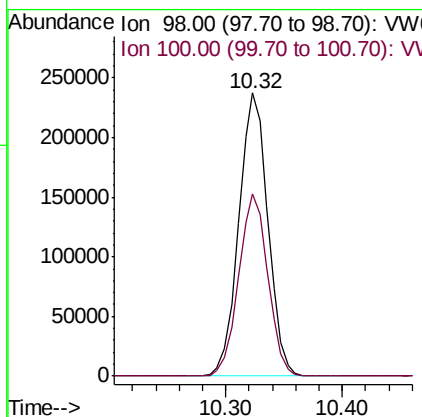
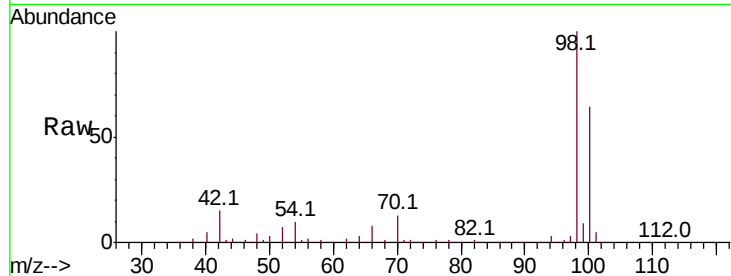




#50
Toluene-d8
Concen: 53.080 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011519.D
Acq: 26 Jul 2019 16:41

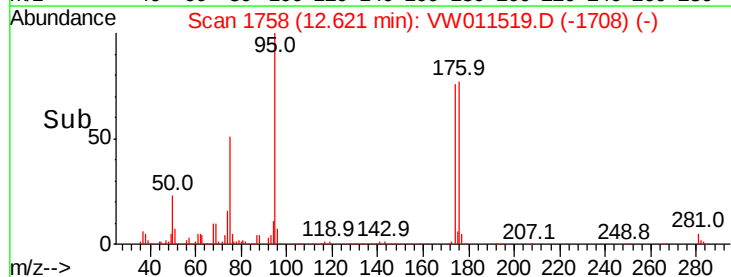
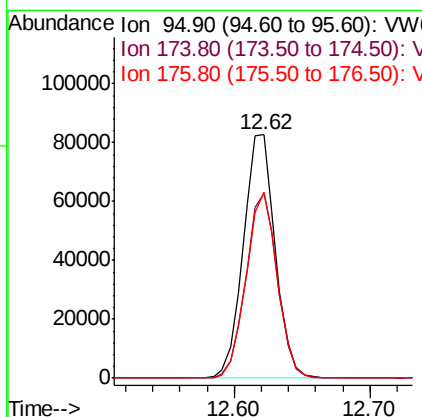
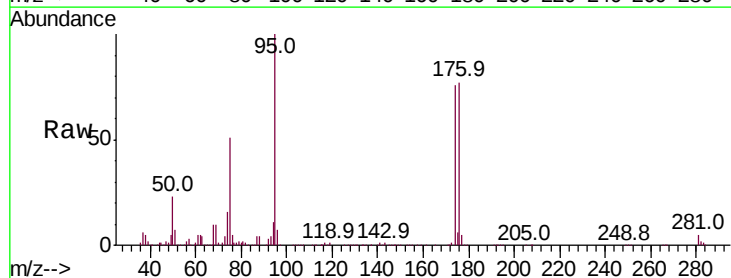
Instrument :
MSVOA_W
ClientSampleId :
SU-01-072519-A

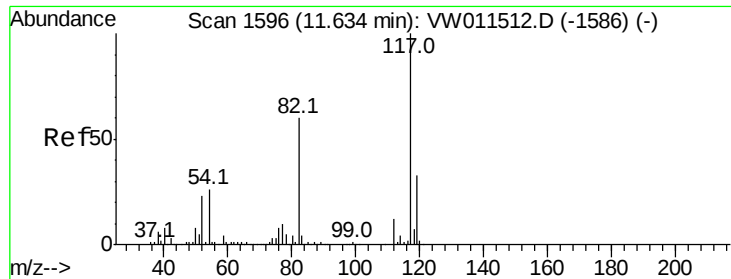
Tot Ion: 98 Resp: 413351
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 48.775 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011519.D
Acq: 26 Jul 2019 16:41

Tgt Ion: 95 Resp: 135414
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.2
176 74.7 0.0 144.4

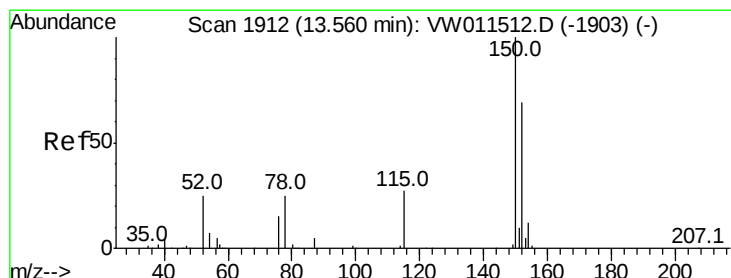
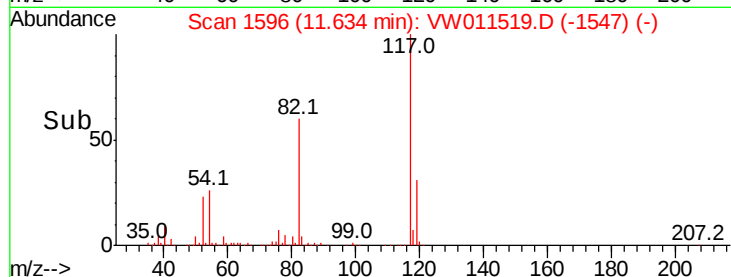
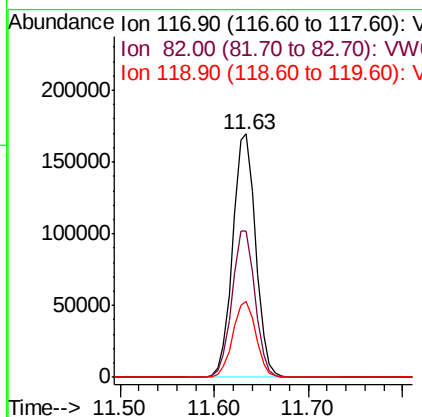
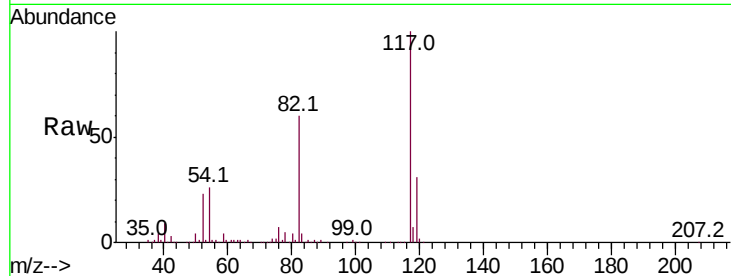




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011519.D
Acq: 26 Jul 2019 16:41

Instrument :
MSVOA_W
ClientSampleId :
SU-01-072519-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	47.9	71.9
119	31.4	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011519.D
Acq: 26 Jul 2019 16:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.5	91.5
150	158.7	0.0	352.6

