

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012079.D
 Acq On : 21 Aug 2019 19:26
 Operator : SY/VA
 Sample : K4421-12
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUNSET-PARK-SB-2-9.5-10.0

Quant Time: Aug 22 06:45:15 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

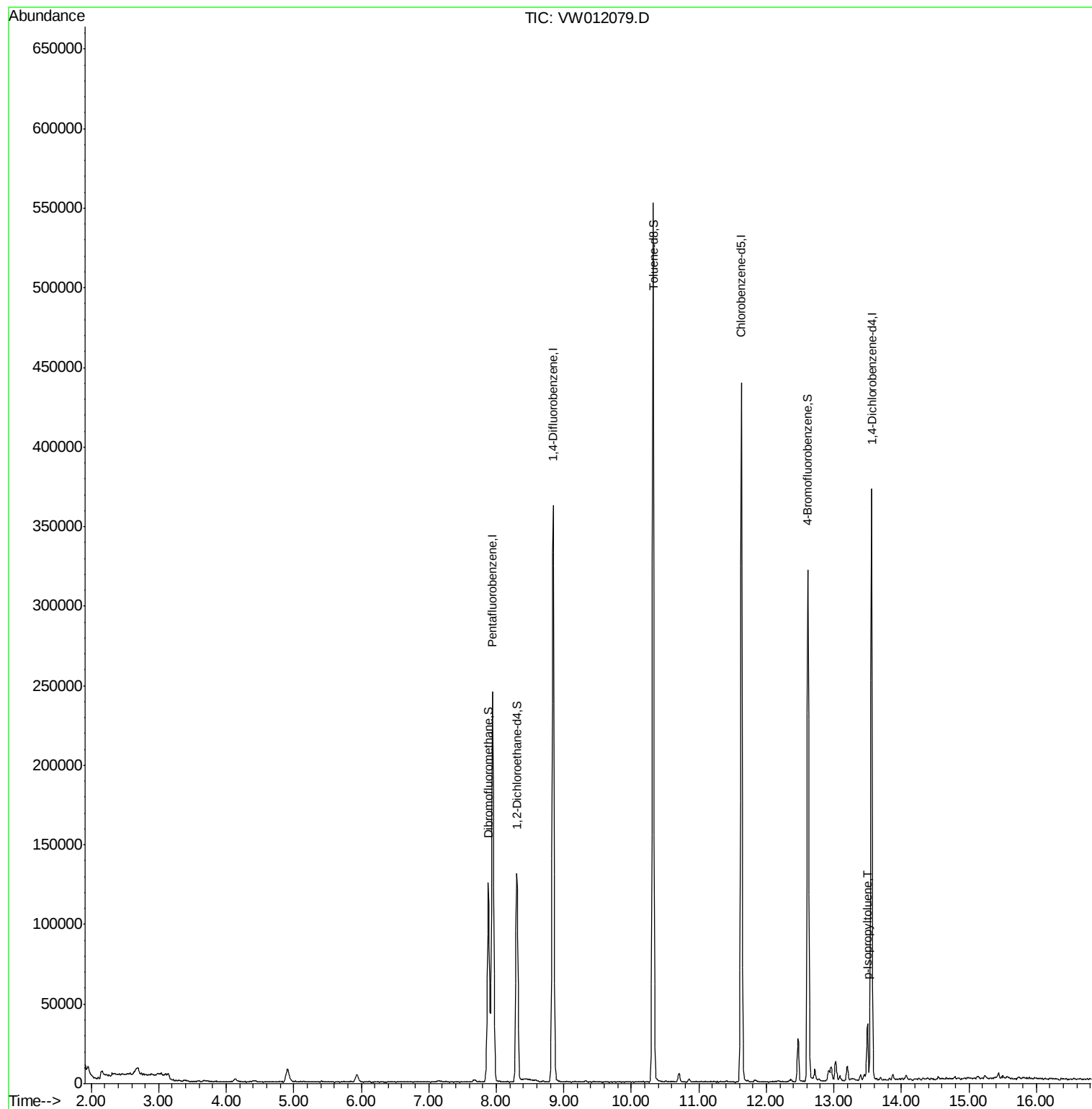
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	178273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	284822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	231432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	92744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	106243	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
35) Dibromofluoromethane	7.88	113	86863	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
50) Toluene-d8	10.32	98	348035	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.62	95	106889	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
Target Compounds						
86) p-Isopropyltoluene	13.50	119	17858	2.844	ug/l	Qvalue 97

(#) = 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: VW012079.D

Acq: 21 Aug 2019 19:26

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MSVOA_W

ClientSampleId :

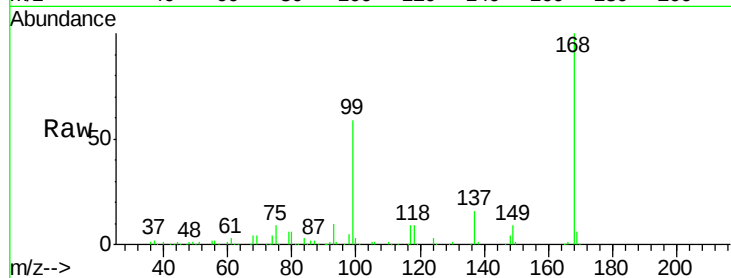
SUNSET-PARK-SB-2-9.5-10.0

Tot Ion:168 Resp: 178273

Ion Ratio Lower Upper

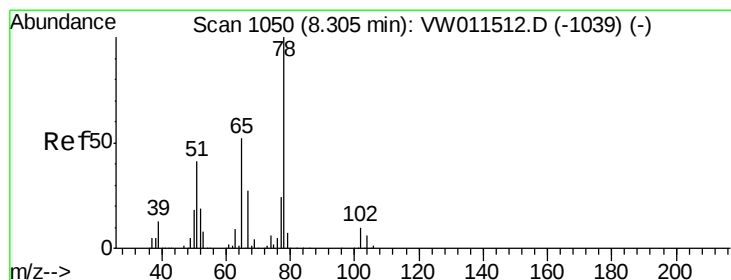
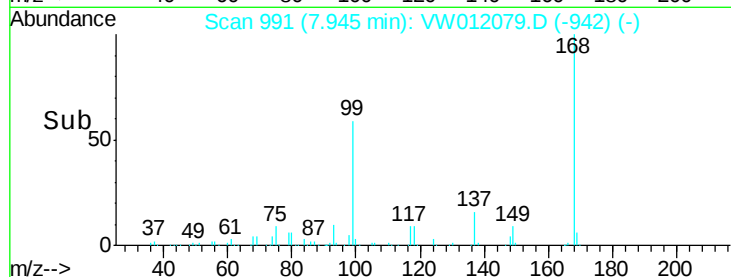
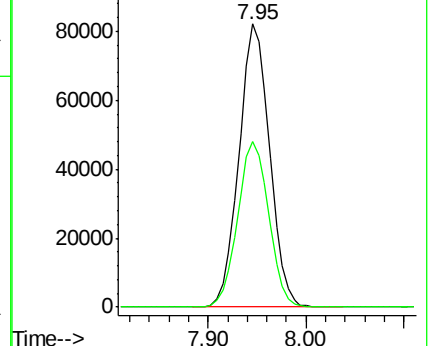
168 100

99 58.7 48.2 72.4



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: 51.900 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012079.D

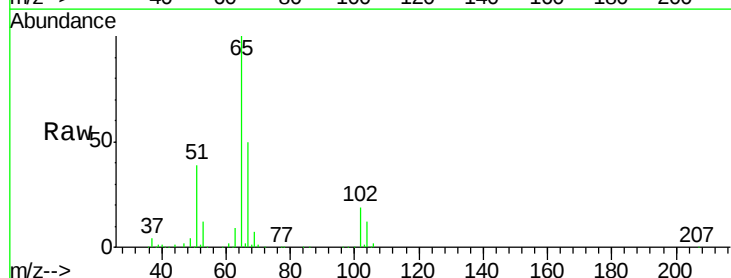
Acq: 21 Aug 2019 19:26

Tgt Ion: 65 Resp: 106243

Ion Ratio Lower Upper

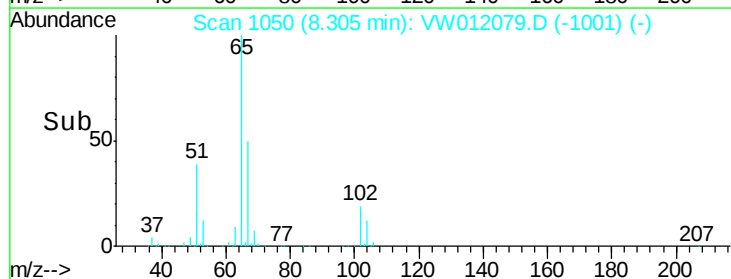
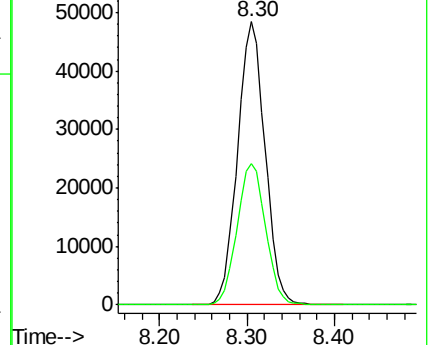
65 100

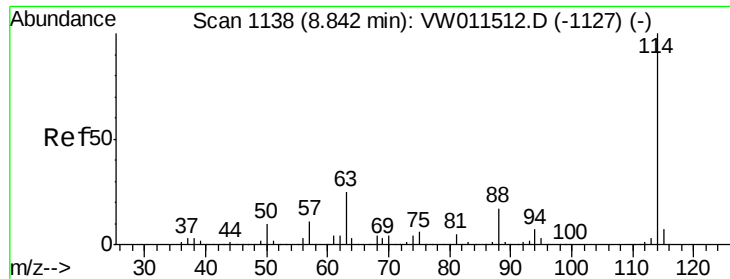
67 51.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

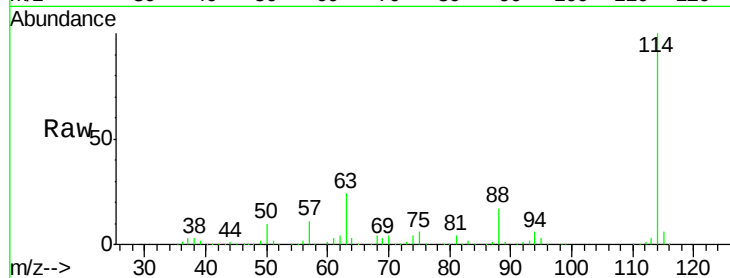




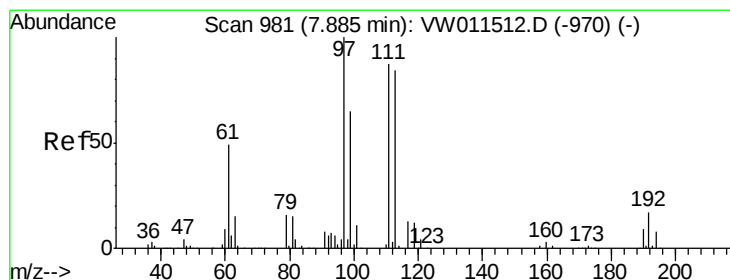
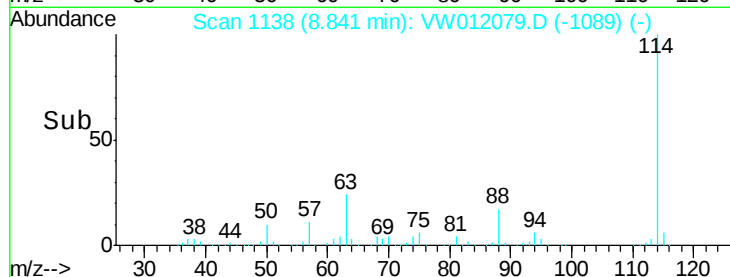
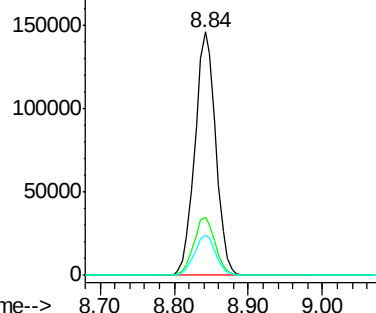
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012079.D
 Acq: 21 Aug 2019 19:26

Instrument :
 MSVOA_W
 ClientSampleId :
 SUNSET-PARK-SB-2-9.5-10.0

Tot Ion:114 Resp: 284822
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 49.2
 88 16.6 0.0 33.8

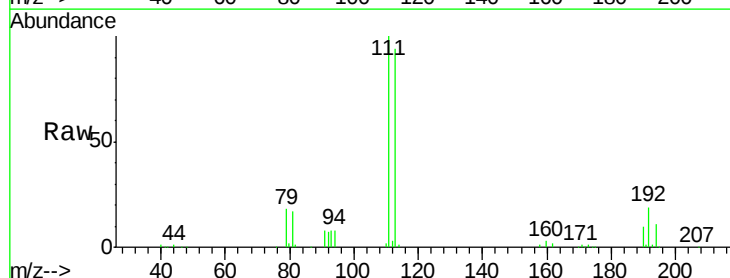


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

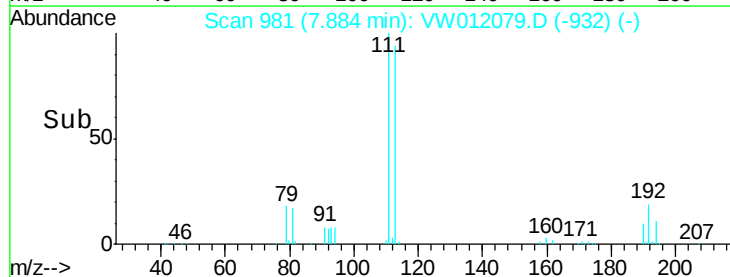
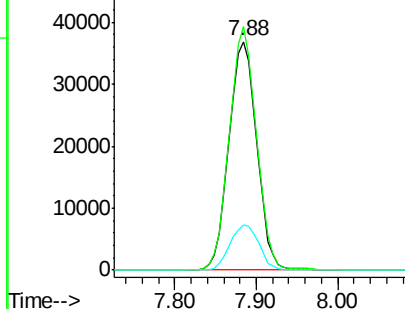


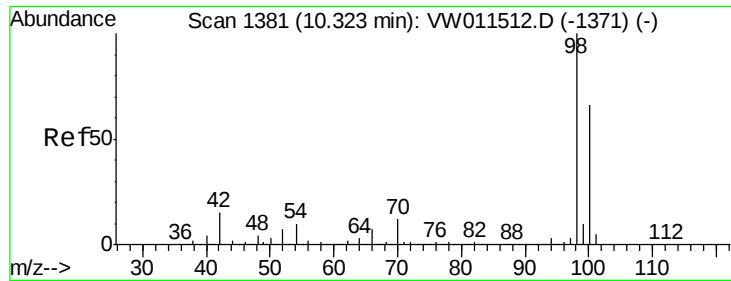
#35
 Dibromofluoromethane
 Concen: 54.361 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012079.D
 Acq: 21 Aug 2019 19:26

Tgt Ion:113 Resp: 86863
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.7 124.1
 192 20.4 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

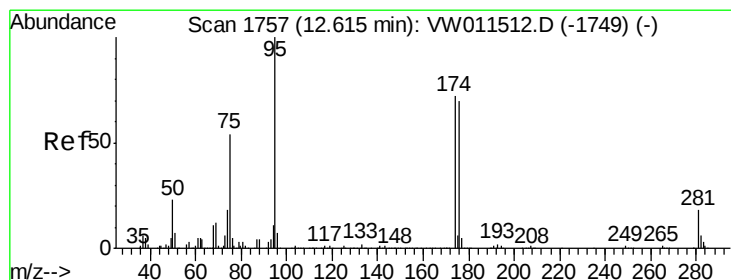
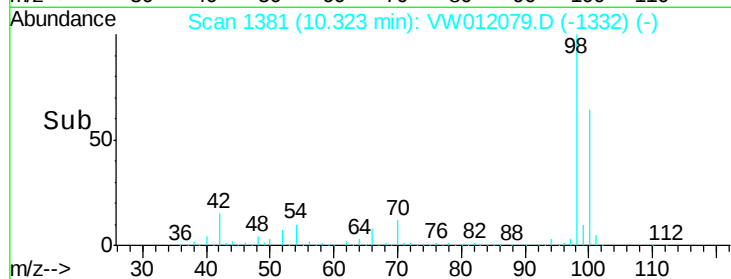
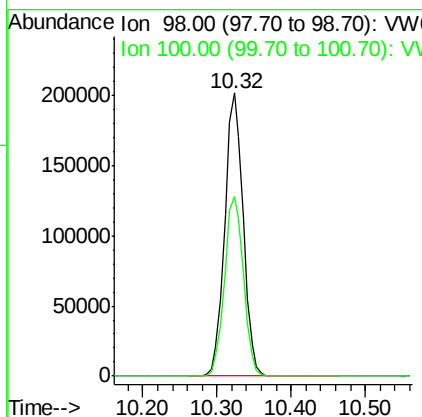
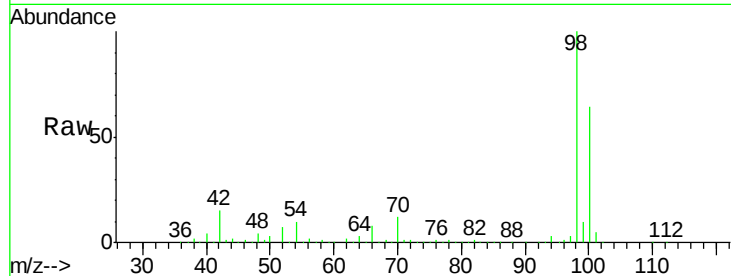




#50
Toluene-d8
Concen: 53.198 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012079.D
Acq: 21 Aug 2019 19:26

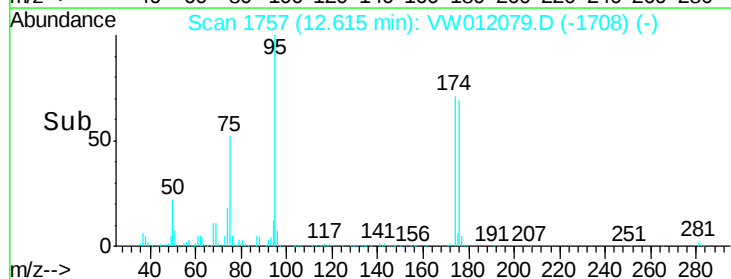
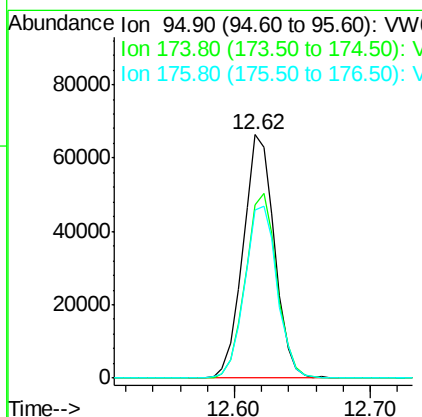
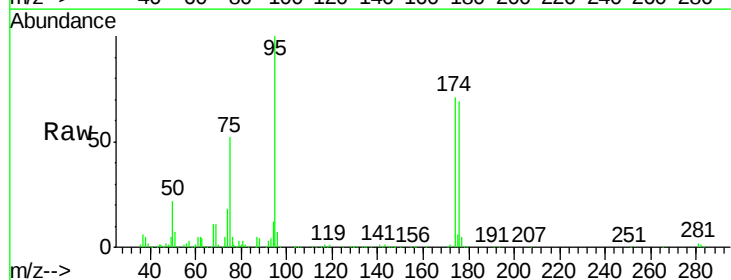
Instrument :
MSVOA_W
ClientSampleId :
SUNSET-PARK-SB-2-9.5-10.0

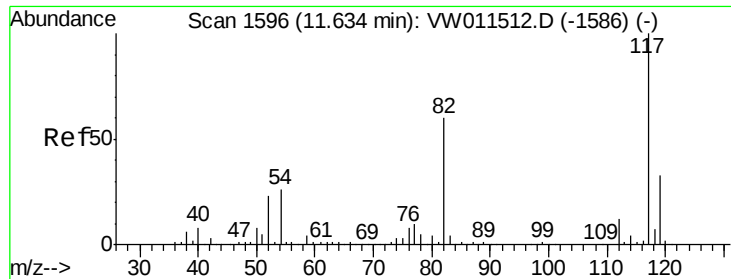
Tot Ion: 98 Resp: 348035
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.827 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012079.D
Acq: 21 Aug 2019 19:26

Tgt Ion: 95 Resp: 106889
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.2
176 73.5 0.0 144.4

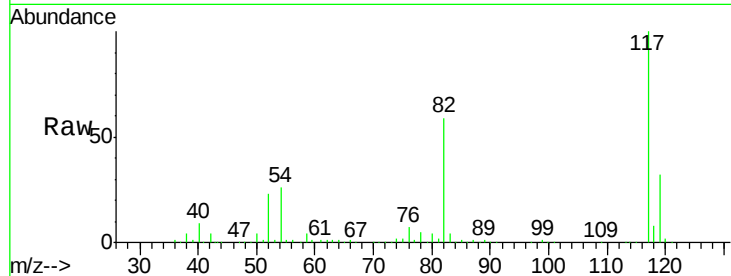




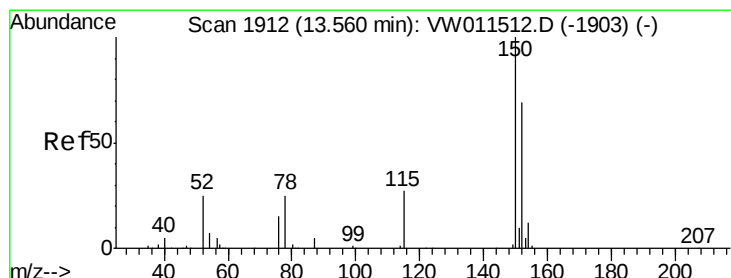
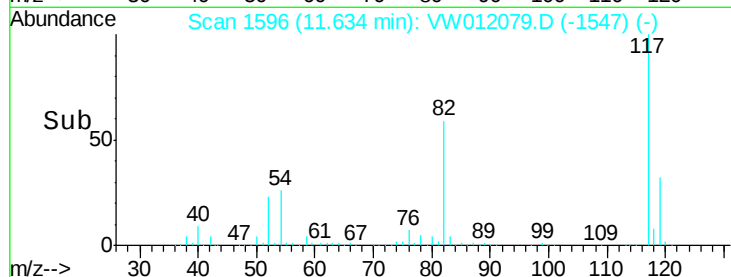
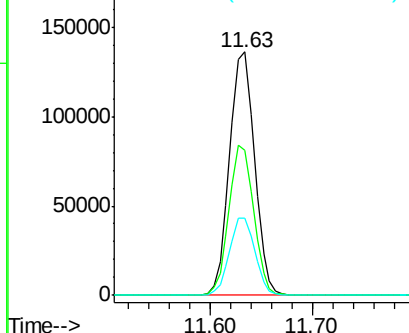
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012079.D
Acq: 21 Aug 2019 19:26

Instrument :
MSVOA_W
ClientSampleId :
SUNSET-PARK-SB-2-9.5-10.0

Tot Ion:117 Resp: 231432
Ion Ratio Lower Upper
117 100
82 59.3 47.9 71.9
119 31.9 26.2 39.2

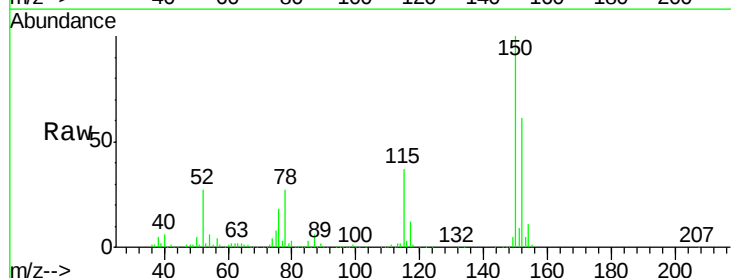


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

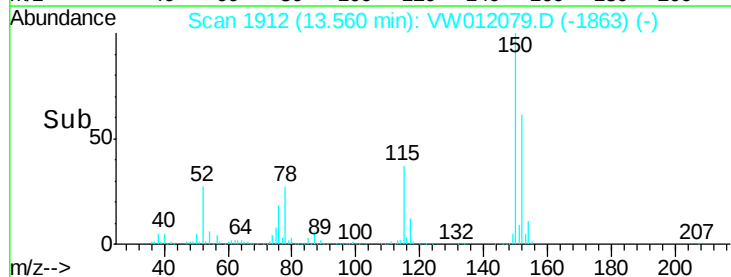
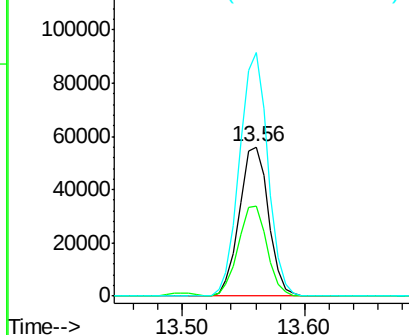


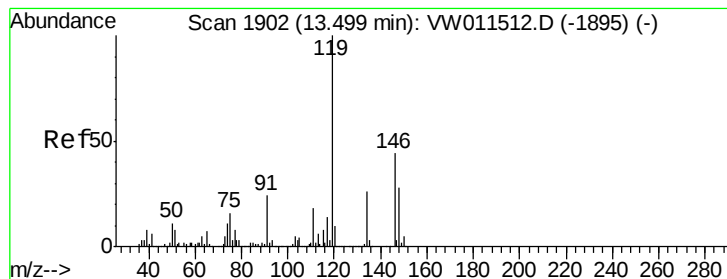
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012079.D
Acq: 21 Aug 2019 19:26

Tgt Ion:152 Resp: 92744
Ion Ratio Lower Upper
152 100
115 59.6 30.5 91.5
150 158.6 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





#86

p-Isopropyltoluene

Concen: 2.844 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012079.D

Acq: 21 Aug 2019 19:26

Instrument :

MSVOA_W

ClientSampleId :

SUNSET-PARK-SB-2-9.5-10.0

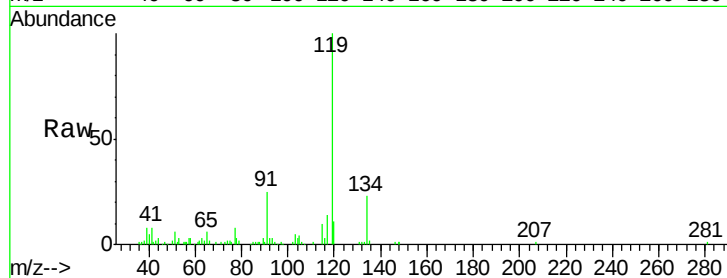
Tot Ion:119 Resp: 17858

Ion Ratio Lower Upper

119 100

134 24.8 12.8 38.4

91 26.0 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

