

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082119\
 Data File : VW012080.D
 Acq On : 21 Aug 2019 19:52
 Operator : SY/VA
 Sample : K4421-14
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUNSET-PARK-SB-1-9.0-9.5

Quant Time: Aug 22 05:18:36 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

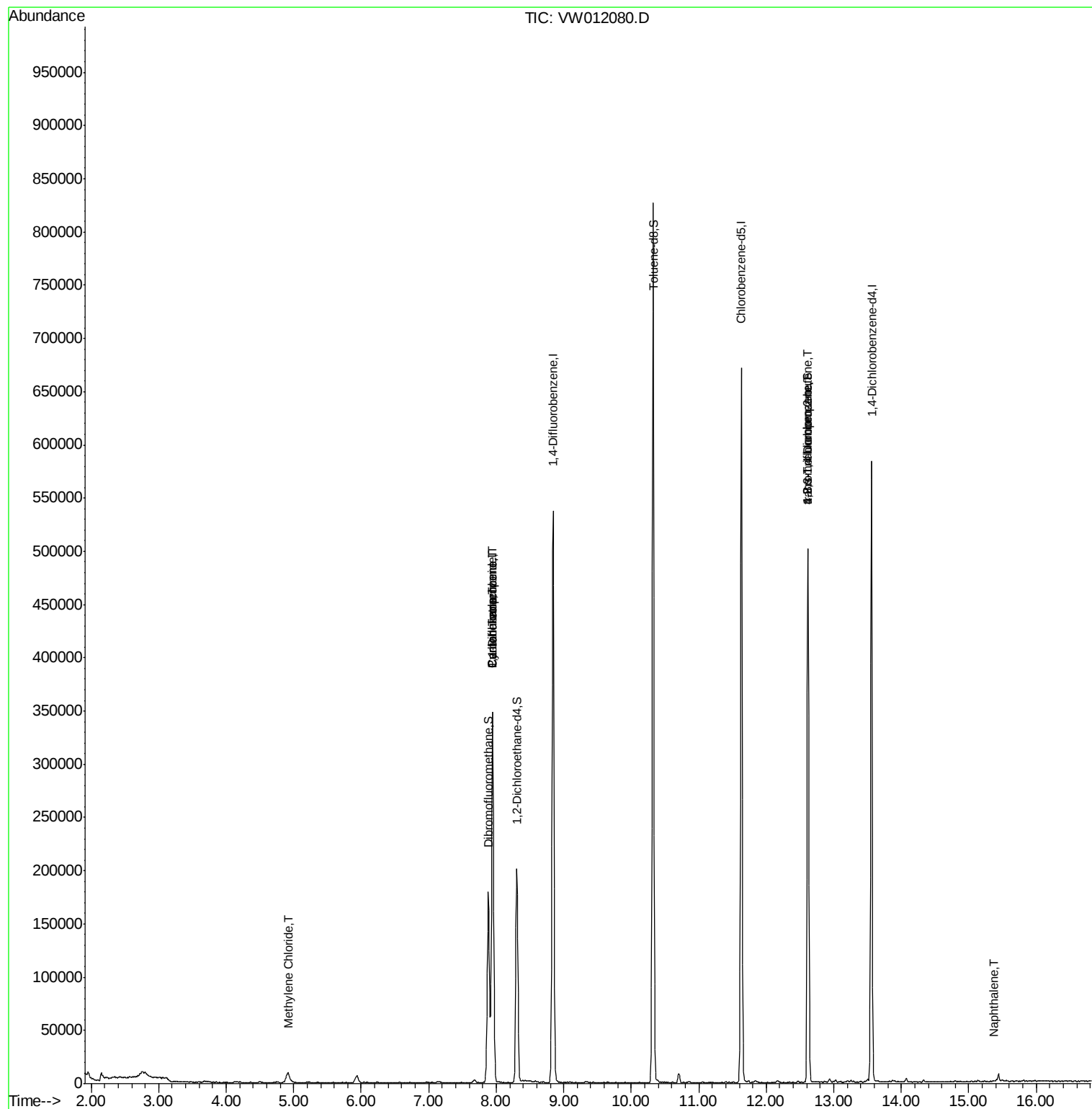
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	424657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	144383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	158214	54.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.72%	
35) Dibromofluoromethane	7.88	113	129379	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
50) Toluene-d8	10.32	98	517479	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.62	95	167352	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.18	59	52	Below Cal	#	72
20) Methylene Chloride	4.92	84	7364	2.328	ug/l	96
31) Cyclohexane	7.95	56	6431	1.193	ug/l #	12
36) 1,1-Dichloropropene	7.94	75	21358	4.837	ug/l #	52
38) Carbon Tetrachloride	7.95	117	24984	6.609	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	88212	57.740	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	88212	133.071	ug/l #	6
95) Naphthalene	15.38	128	644	2.174	ug/l #	76

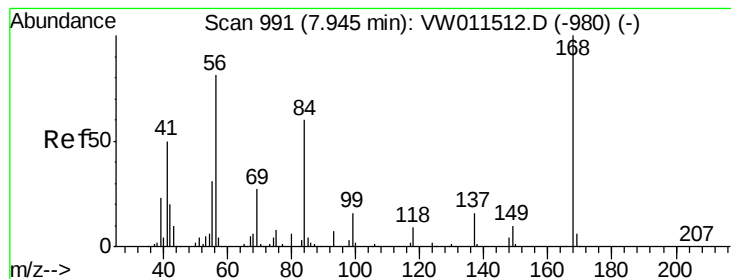
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012080.D

Acq: 21 Aug 2019 19:52

Instrument :

MSVOA_W

ClientSampleId :

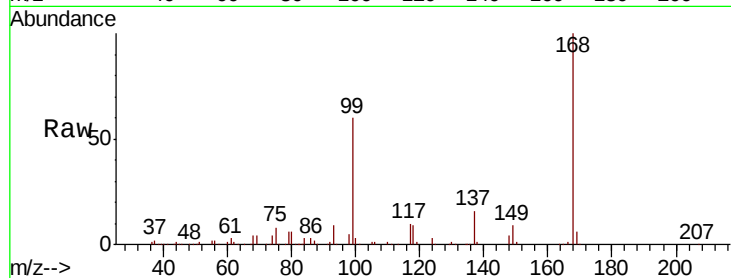
SUNSET-PARK-SB-1-9.0-9.5

Tgt Ion: 168 Resp: 251136

Ion Ratio Lower Upper

168 100

99 59.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

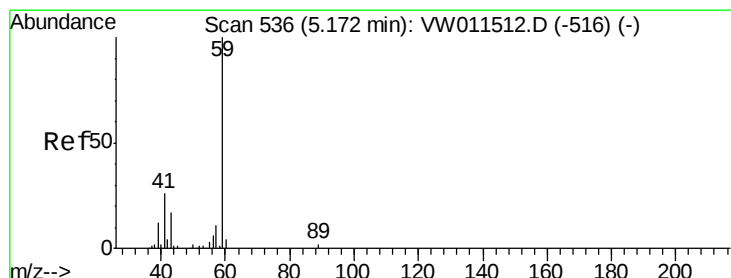
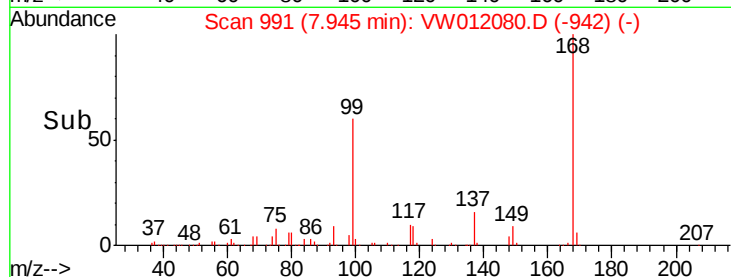
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW012080.D

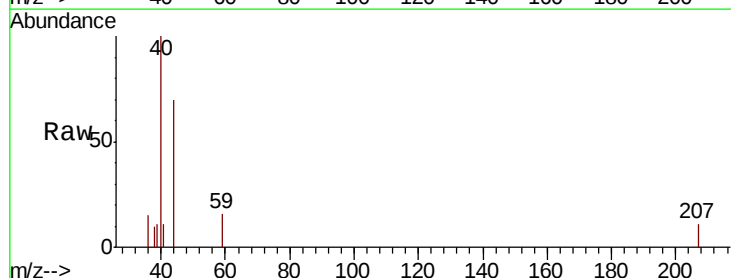
Acq: 21 Aug 2019 19:52

Tgt Ion: 59 Resp: 52

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

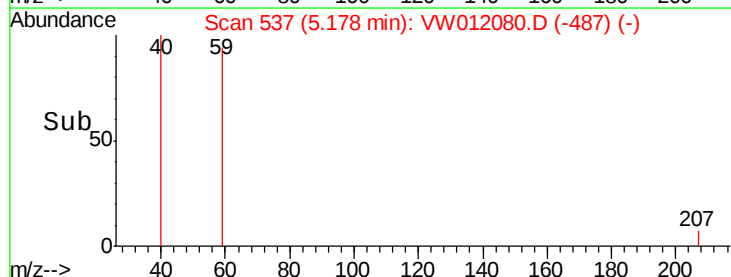
5.18

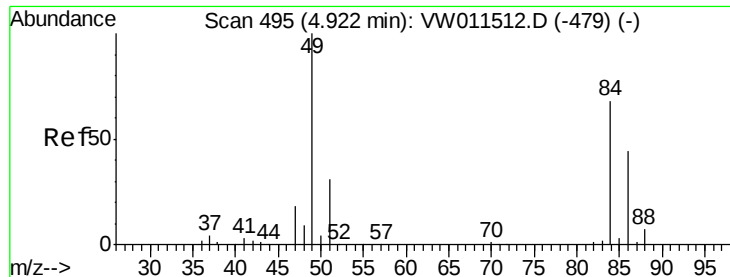
100

50

0

Time--> 5.15 5.16 5.17 5.18 5.19

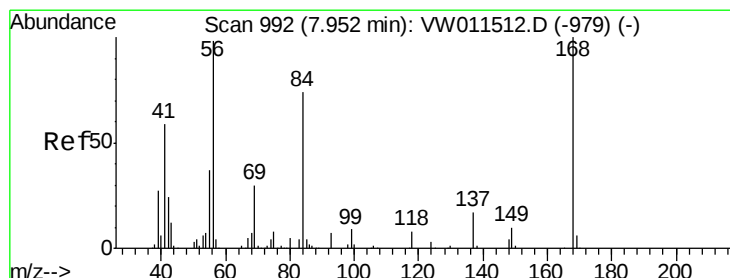
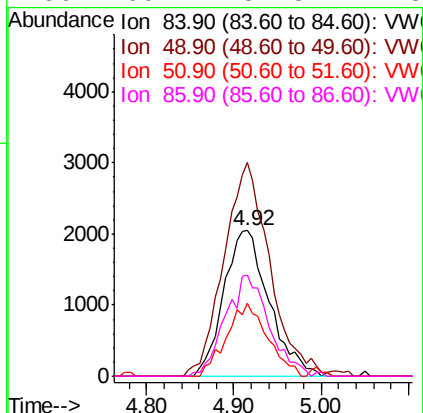
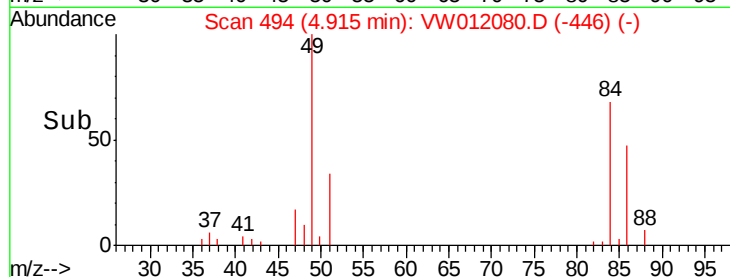
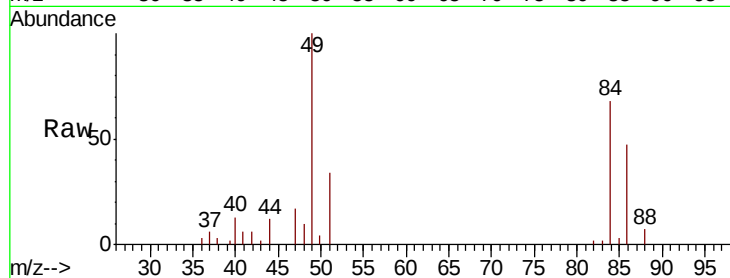




#20
Methylene Chloride
Concen: 2.328 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012080.D
Acq: 21 Aug 2019 19:52

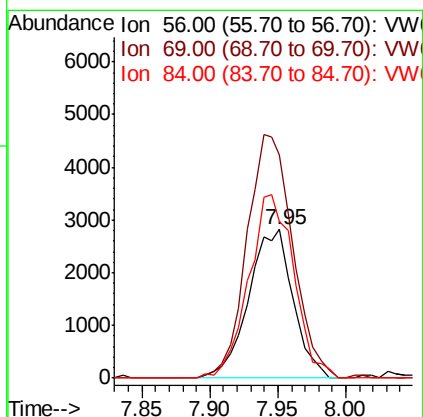
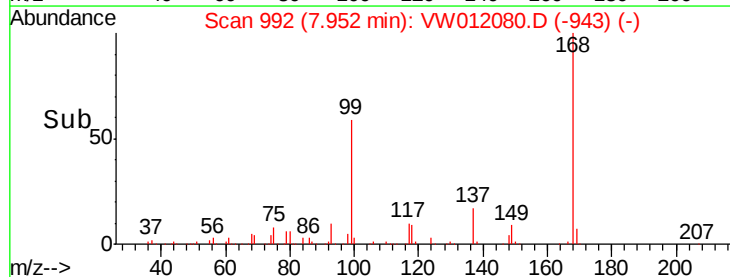
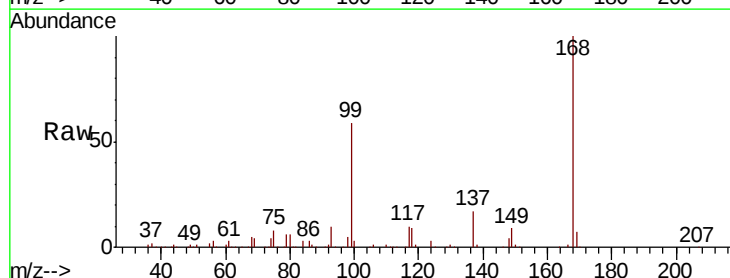
Instrument :
MSVOA_W
ClientSampleId :
SUNSET-PARK-SB-1-9.0-9.5

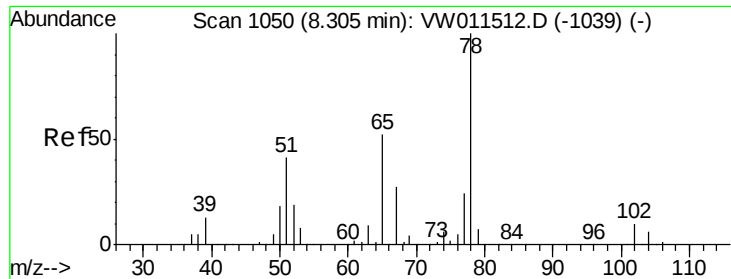
Tgt Ion: 84 Resp: 7364
Ion Ratio Lower Upper
84 100
49 143.4 117.8 176.6
51 50.2 37.0 55.4
86 69.2 51.8 77.8



#31
Cyclohexane
Concen: 1.193 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW012080.D
Acq: 21 Aug 2019 19:52

Tgt Ion: 56 Resp: 6431
Ion Ratio Lower Upper
56 100
69 149.7 24.3 36.5#
84 105.1 60.4 90.6#

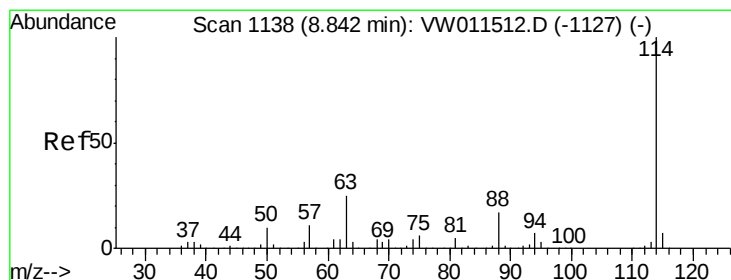
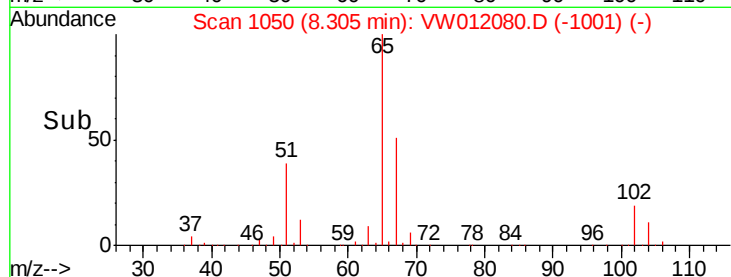
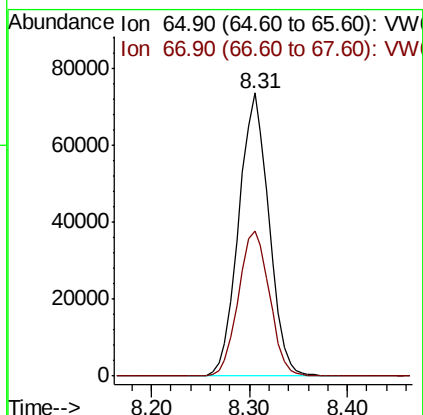
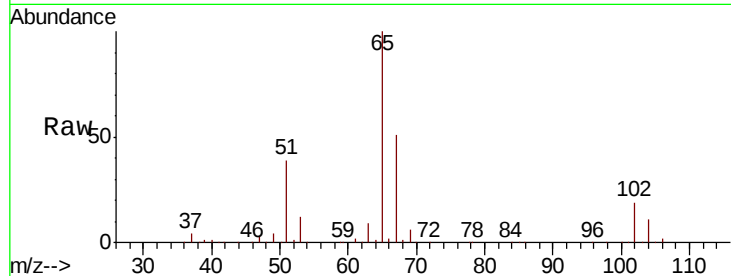




#33
 1,2-Dichloroethane-d4
 Concen: 54.864 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012080.D
 Acq: 21 Aug 2019 19:52

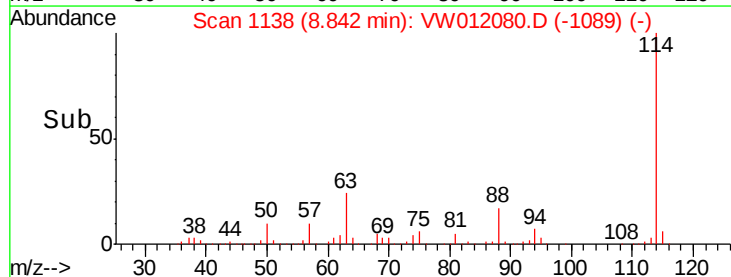
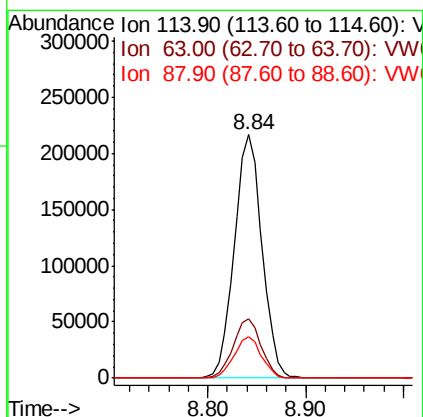
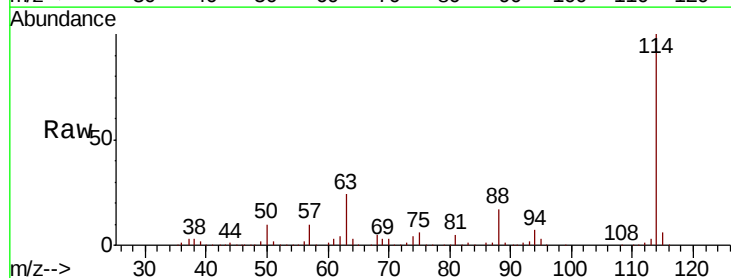
Instrument :
 MSVOA_W
 ClientSampleId :
 SUNSET-PARK-SB-1-9.0-9.5

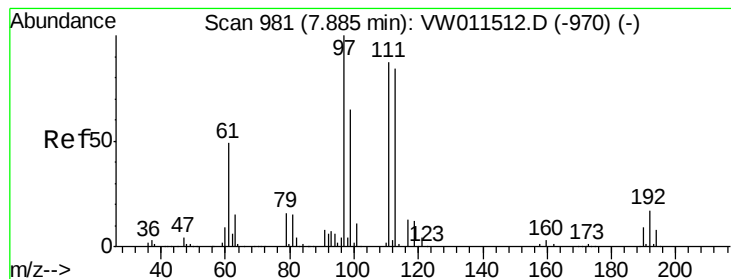
Tgt Ion: 65 Resp: 158214
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012080.D
 Acq: 21 Aug 2019 19:52

Tgt Ion: 114 Resp: 424657
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 17.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.306 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012080.D

Acq: 21 Aug 2019 19:52

Instrument :

MSVOA_W

ClientSampleId :

SUNSET-PARK-SB-1-9.0-9.5

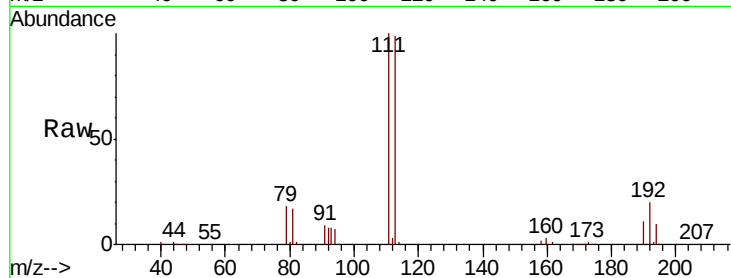
Tgt Ion:113 Resp: 129379

Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

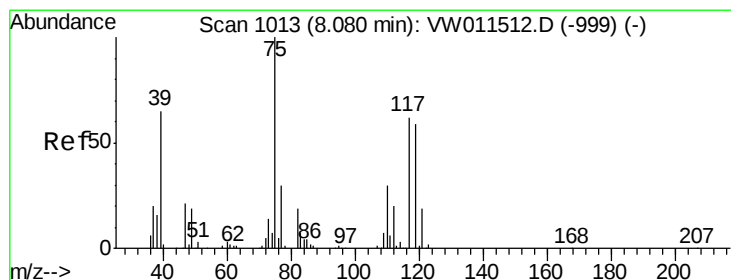
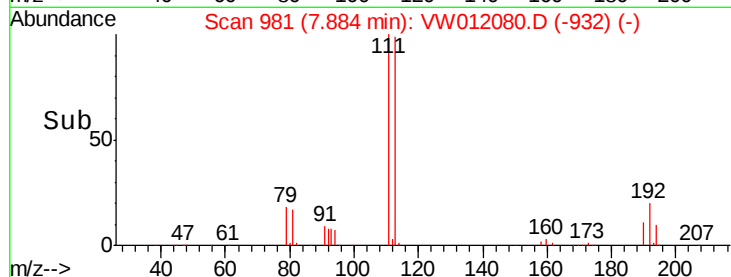
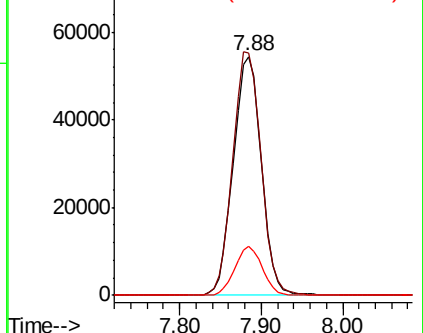
192 19.9 16.1 24.1



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



#36

1,1-Dichloropropene

Concen: 4.837 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW012080.D

Acq: 21 Aug 2019 19:52

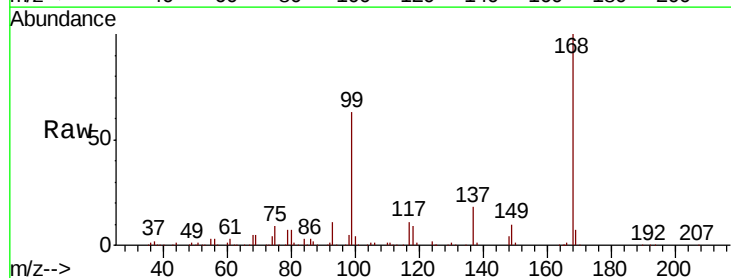
Tgt Ion: 75 Resp: 21358

Ion Ratio Lower Upper

75 100

110 8.9 15.6 46.8#

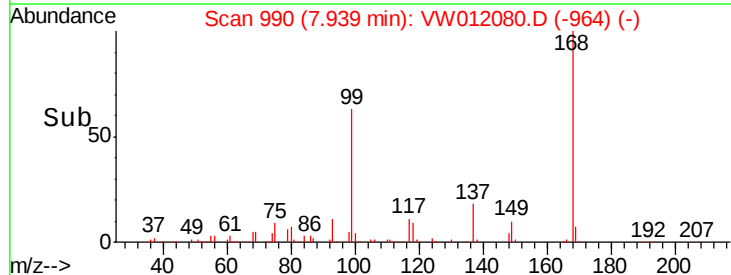
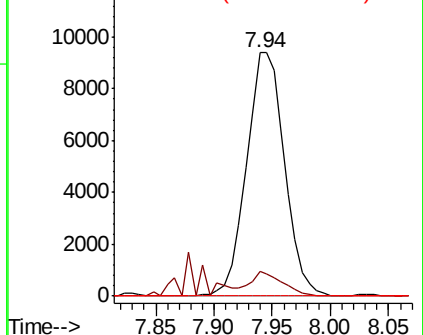
77 0.0 24.3 36.5#

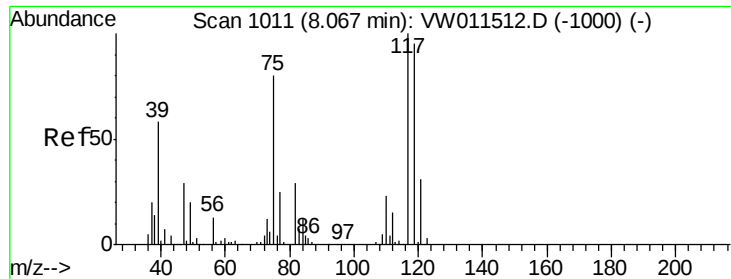


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

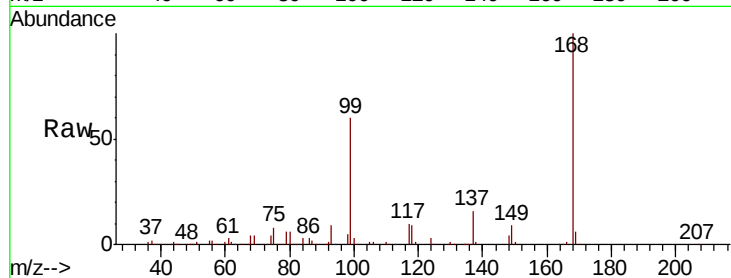




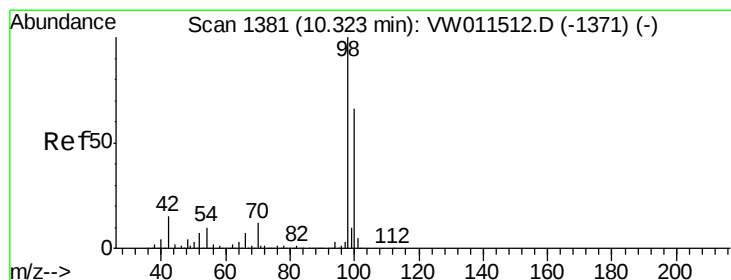
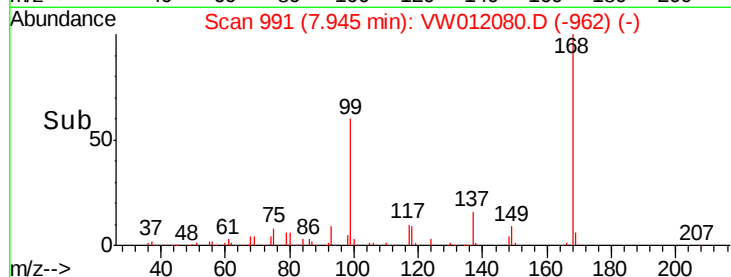
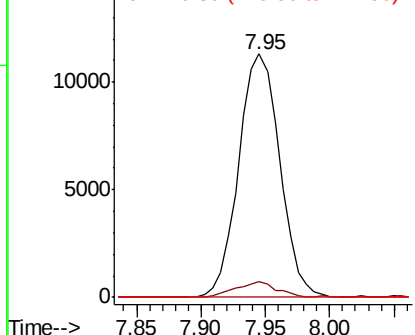
#38
 Carbon Tetrachloride
 Concen: 6.609 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012080.D
 Acq: 21 Aug 2019 19:52

Instrument :
 MSVOA_W
 ClientSampleId :
 SUNSET-PARK-SB-1-9.0-9.5

Tgt Ion:117 Resp: 24984
 Ion Ratio Lower Upper
 117 100
 119 6.5 75.8 113.6#
 121 0.0 24.7 37.1#

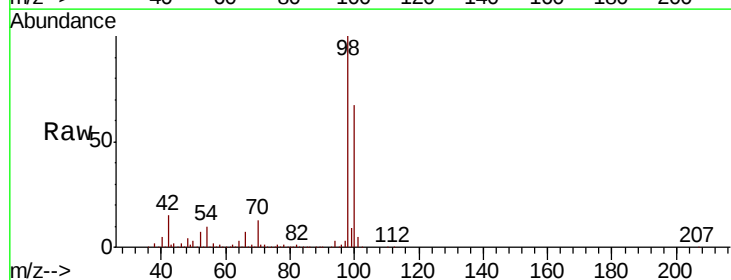


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

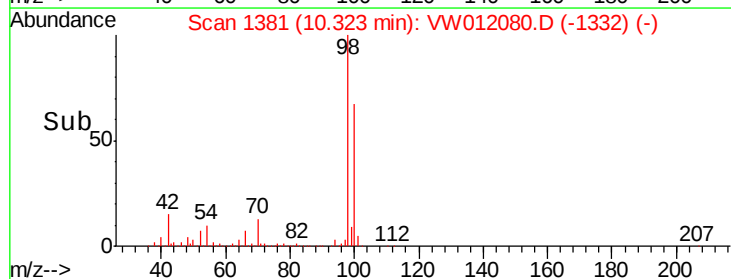
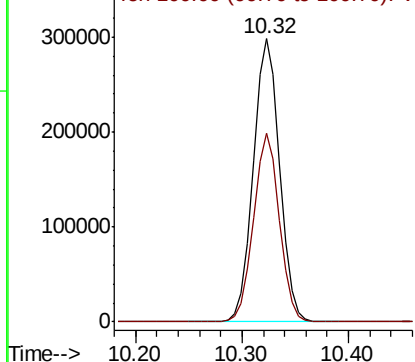


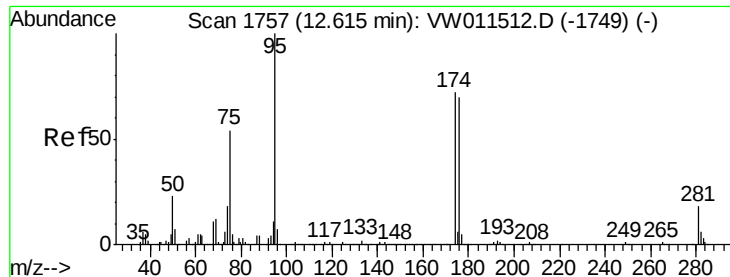
#50
 Toluene-d8
 Concen: 53.052 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012080.D
 Acq: 21 Aug 2019 19:52

Tgt Ion: 98 Resp: 517479
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 48.123 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012080.D

Acq: 21 Aug 2019 19:52

Instrument :

MSVOA_W

ClientSampleId :

SUNSET-PARK-SB-1-9.0-9.5

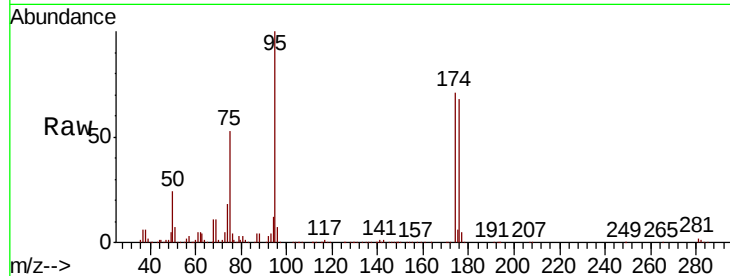
Tgt Ion: 95 Resp: 167352

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

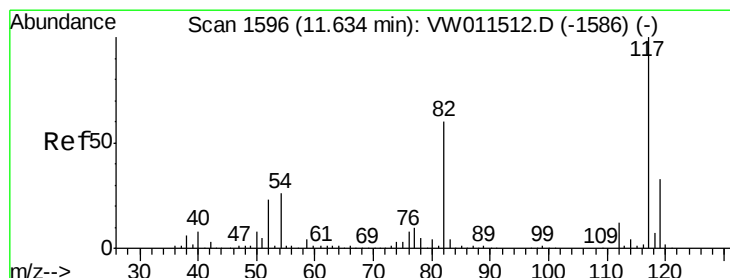
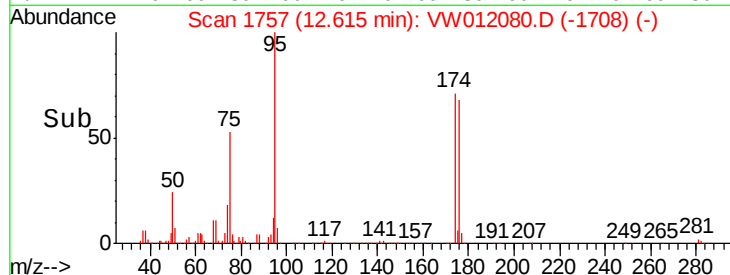
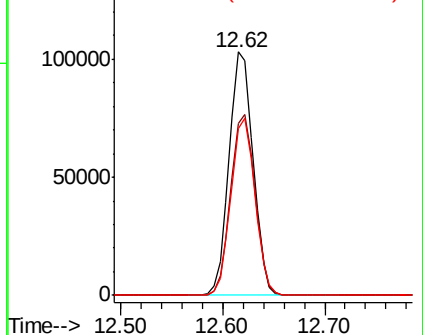
176 72.8 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012080.D

Acq: 21 Aug 2019 19:52

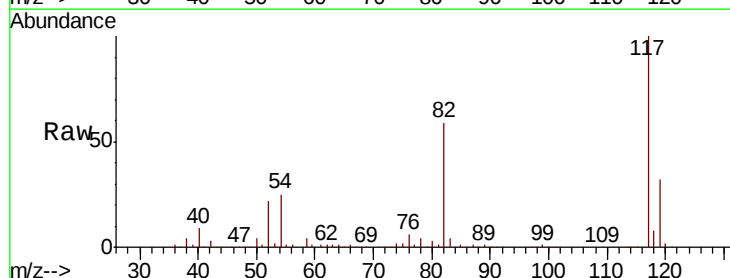
Tgt Ion: 117 Resp: 352693

Ion Ratio Lower Upper

117 100

82 59.2 47.9 71.9

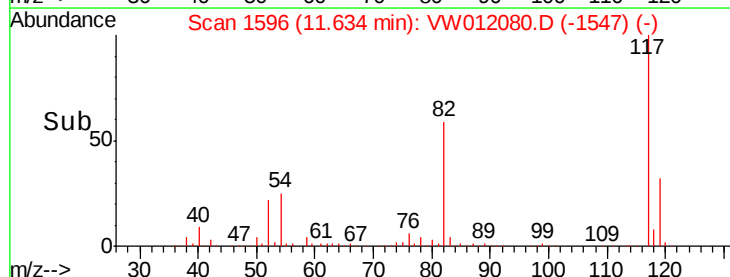
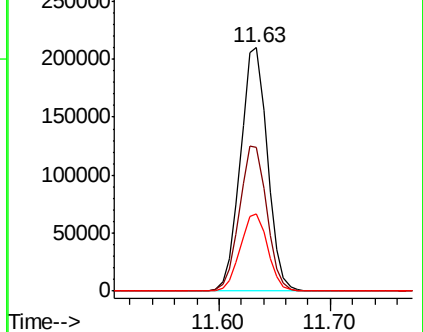
119 31.7 26.2 39.2

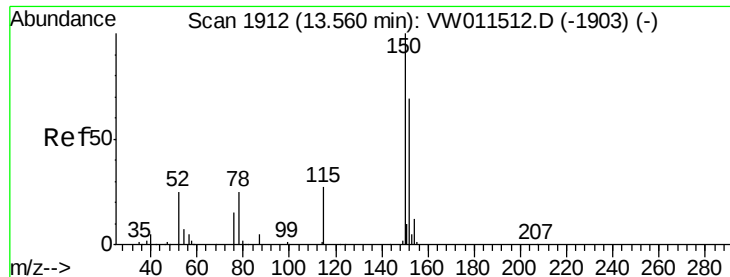


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



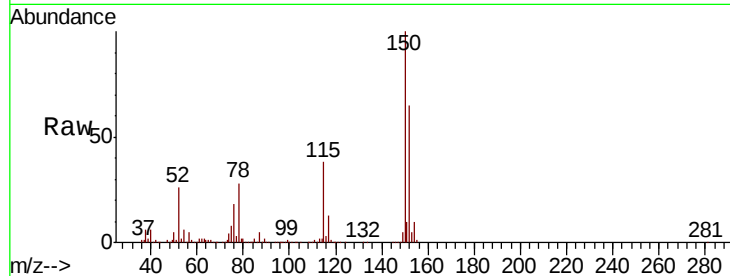


#72

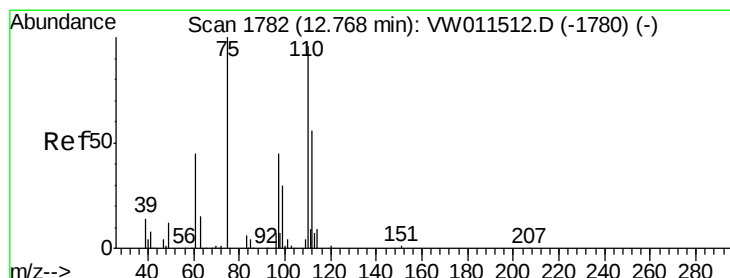
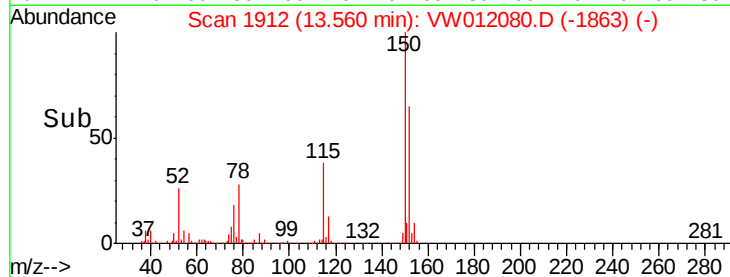
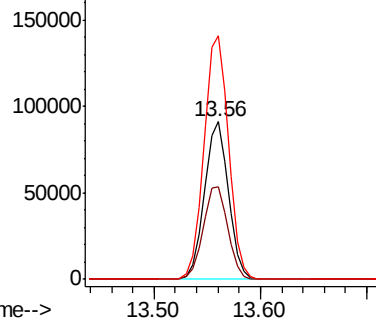
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012080.D
Acq: 21 Aug 2019 19:52

Instrument :
MSVOA_W
ClientSampleId :
SUNSET-PARK-SB-1-9.0-9.5

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.5	91.5
150	158.3	0.0	352.6



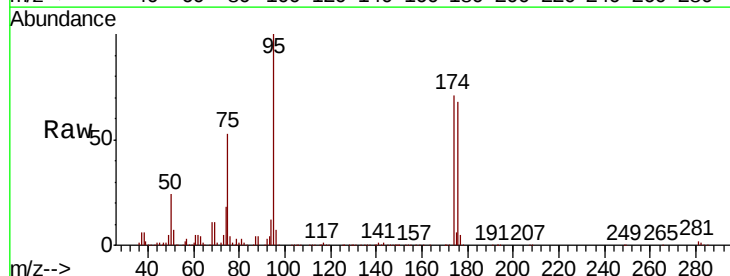
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



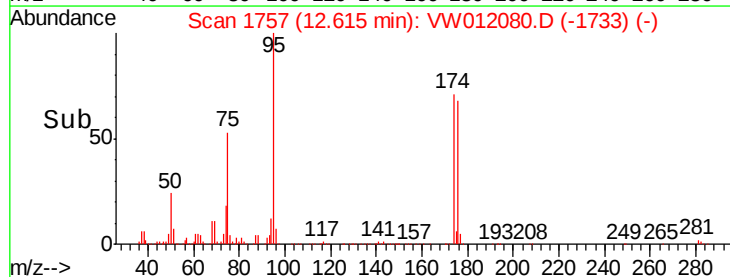
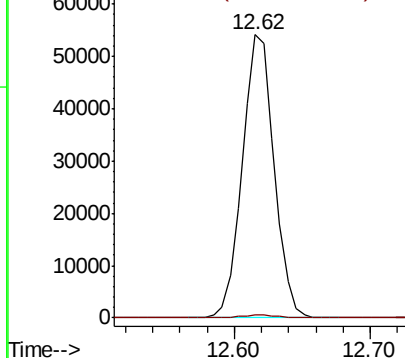
#76

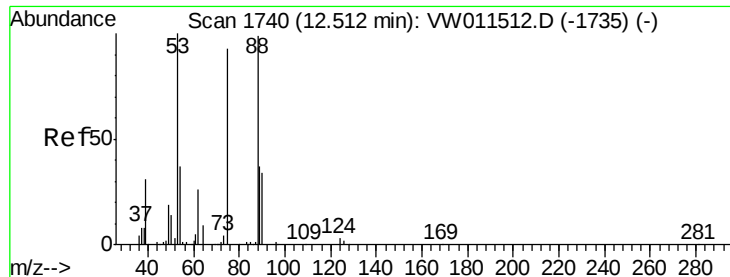
1,2,3-Trichloropropane
Concen: 57.740 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012080.D
Acq: 21 Aug 2019 19:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

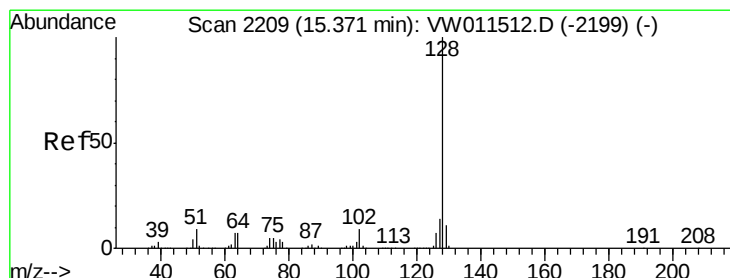
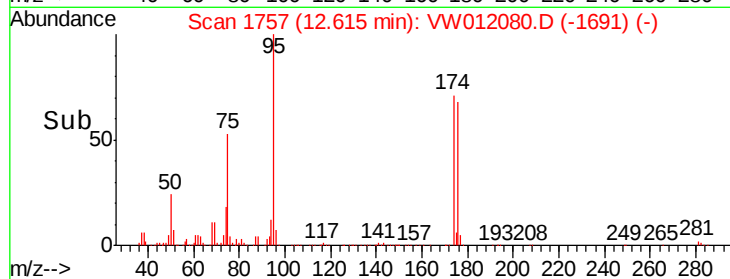
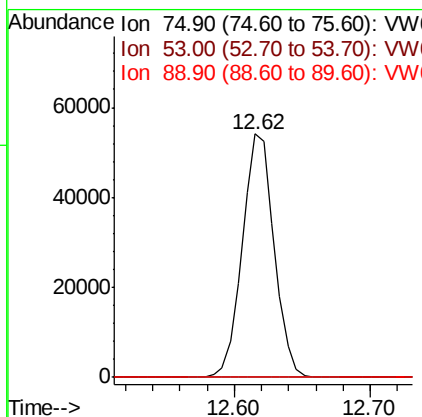
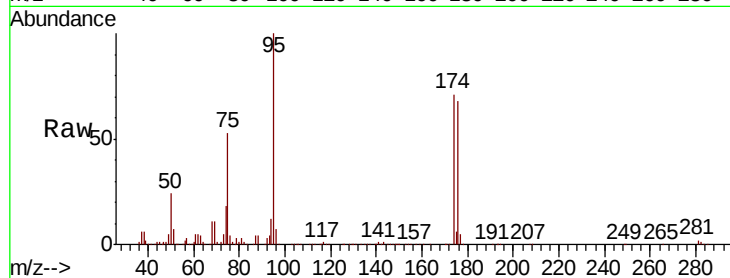




#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.071 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012080.D
 Acq: 21 Aug 2019 19:52

Instrument :
 MSVOA_W
 ClientSampleId :
 SUNSET-PARK-SB-1-9.0-9.5

Tgt Ion: 75 Resp: 88212
 Ion Ratio Lower Upper
 75 100
 53 0.2 88.0 132.0#
 89 0.0 35.3 52.9#



#95
 Naphthalene
 Concen: 2.174 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VW012080.D
 Acq: 21 Aug 2019 19:52

Tgt Ion: 128 Resp: 644
 Ion Ratio Lower Upper
 128 100
 127 5.4 10.6 16.0#
 129 0.0 8.6 13.0#

