

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
 Data File : VW012313.D
 Acq On : 29 Aug 2019 19:29
 Operator : SY/VA
 Sample : K4568-01
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12-8.5-9.0

Quant Time: Aug 30 06:51:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

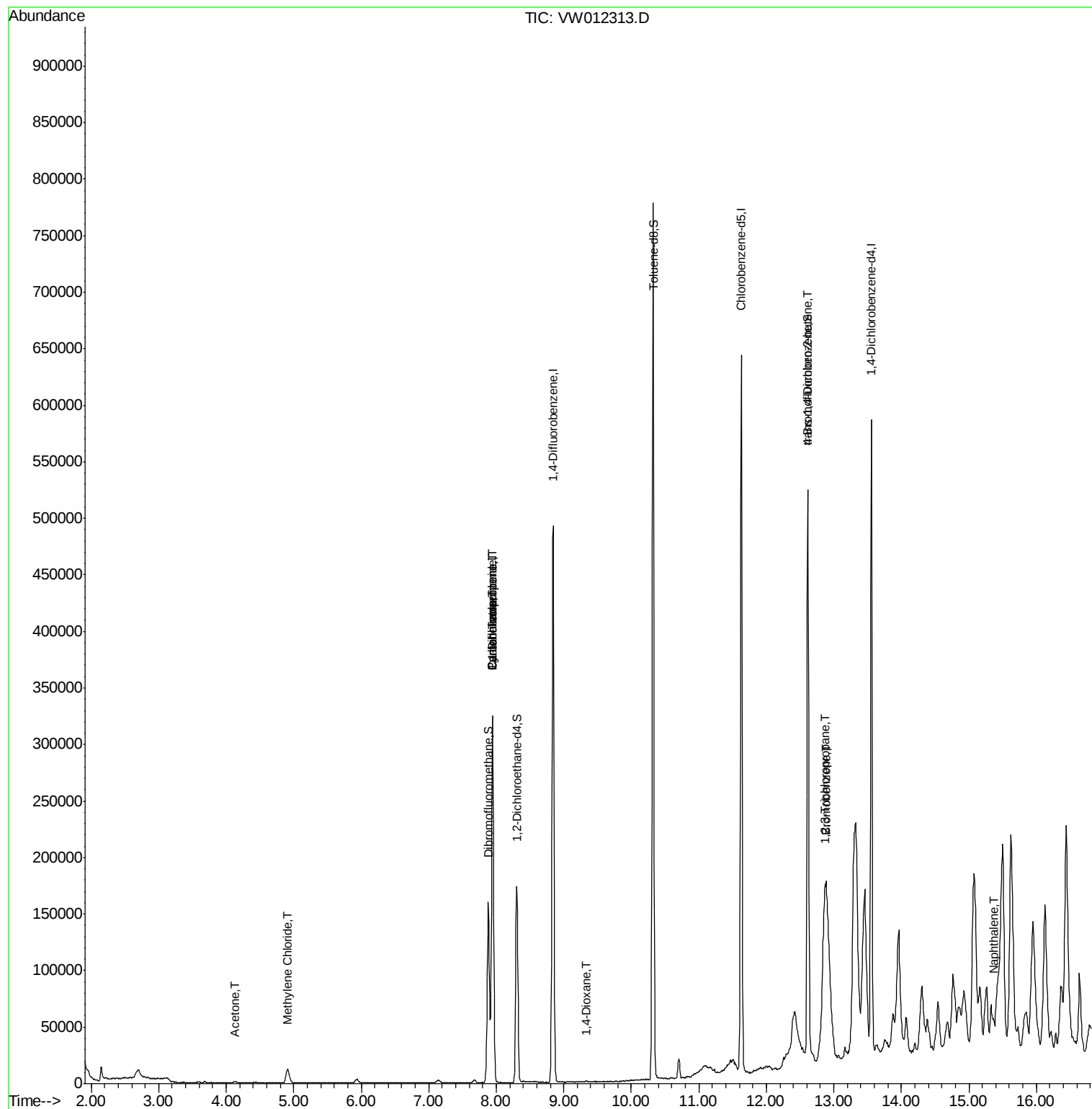
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	390918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	141095	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
35) Dibromofluoromethane	7.88	113	115406	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	10.32	98	482542	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.62	95	162769	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	2189	3.029	ug/l #	89
20) Methylene Chloride	4.90	84	9204	3.369	ug/l	98
31) Cyclohexane	7.95	56	5639	1.107	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19709	4.879	ug/l #	53
38) Carbon Tetrachloride	7.95	117	24217	6.926	ug/l #	17
49) 1,4-Dioxane	9.32	88	44	2.176	ug/l #	1
76) 1,2,3-Trichloropropane	12.86	75	2867	2.105	ug/l #	100
77) Bromobenzene	12.88	156	241878	106.719	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	86854	139.848	ug/l #	6
95) Naphthalene	15.36	128	10626	6.162	ug/l #	92

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

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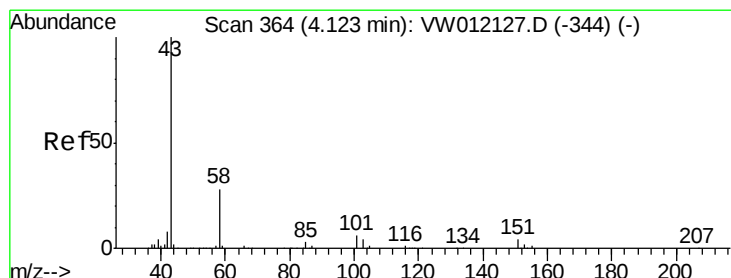
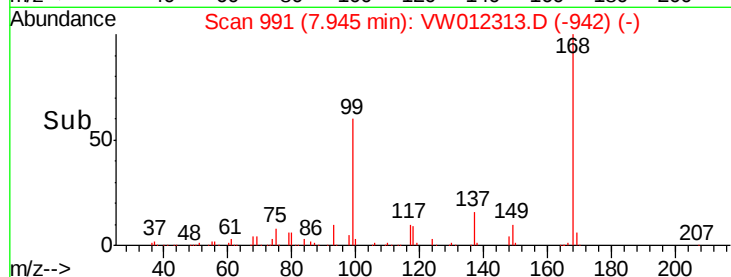
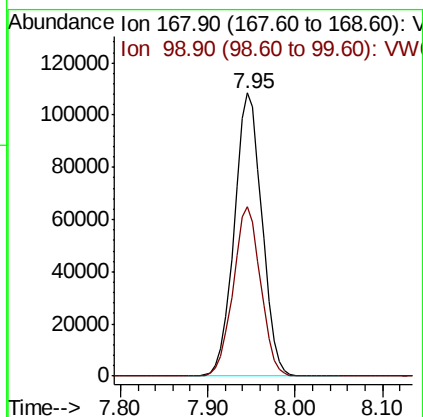
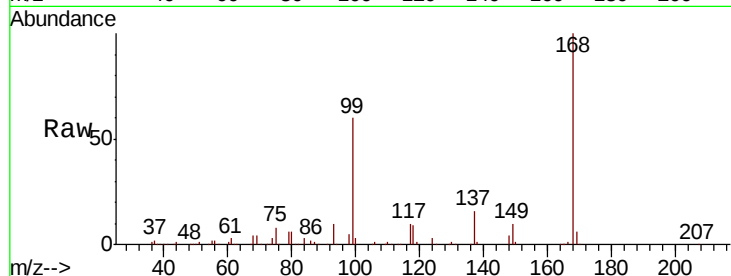




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW012313.D
Acq: 29 Aug 2019 19:29

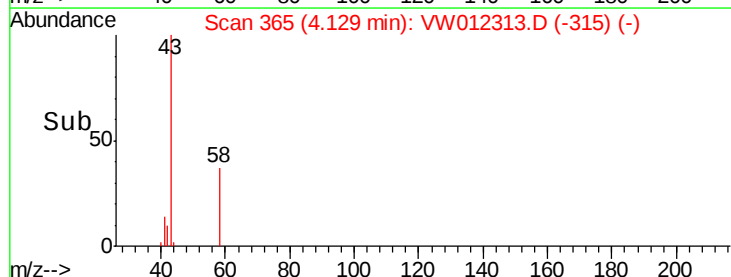
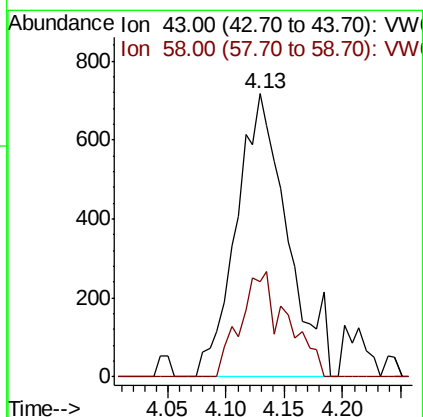
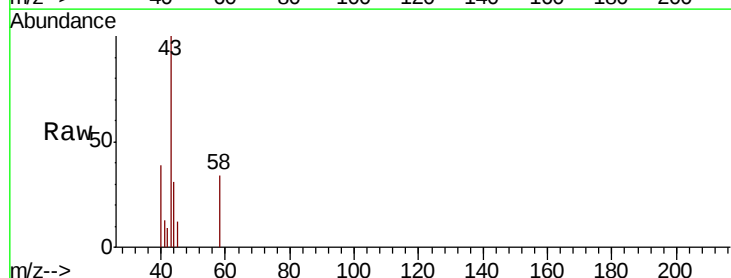
Instrument :
MSVOA_W
ClientSampleId :
SB-12-8.5-9.0

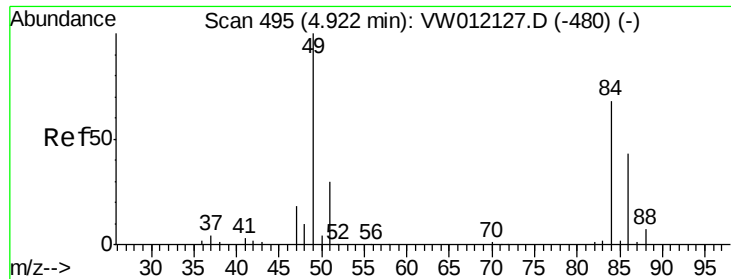
Tgt Ion:168 Resp: 237842
Ion Ratio Lower Upper
168 100
99 60.0 49.2 73.8



#16
Acetone
Concen: 3.029 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW012313.D
Acq: 29 Aug 2019 19:29

Tgt Ion: 43 Resp: 2189
Ion Ratio Lower Upper
43 100
58 33.6 22.4 33.6#

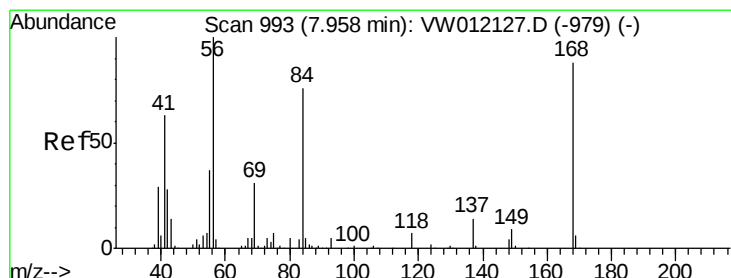
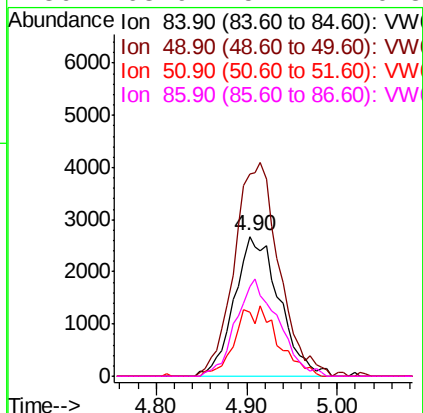
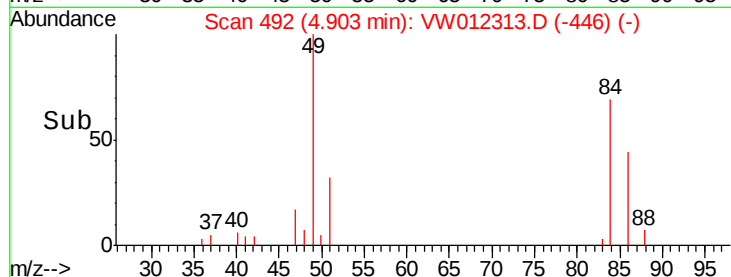
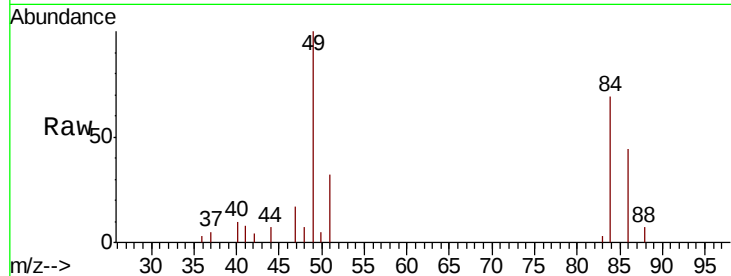




#20
Methylene Chloride
Concen: 3.369 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012313.D
Acq: 29 Aug 2019 19:29

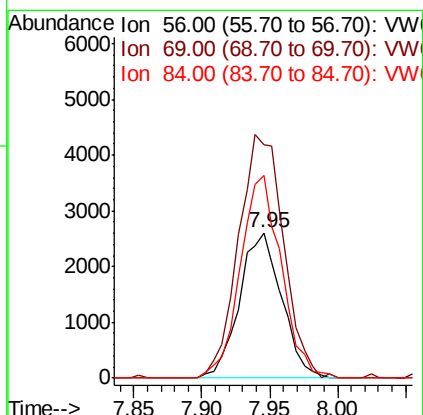
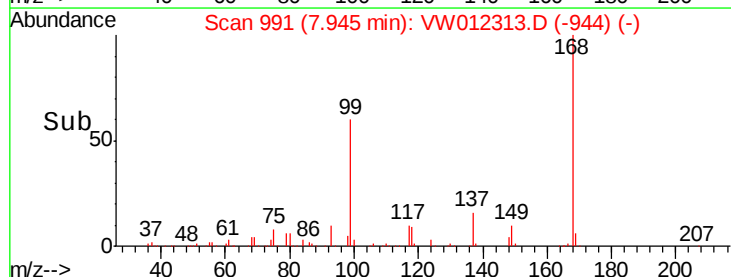
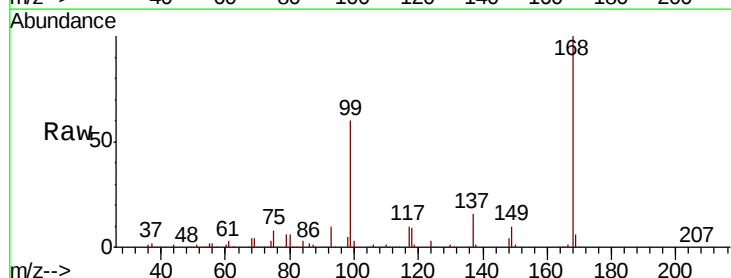
Instrument :
MSVOA_W
ClientSampleId :
SB-12-8.5-9.0

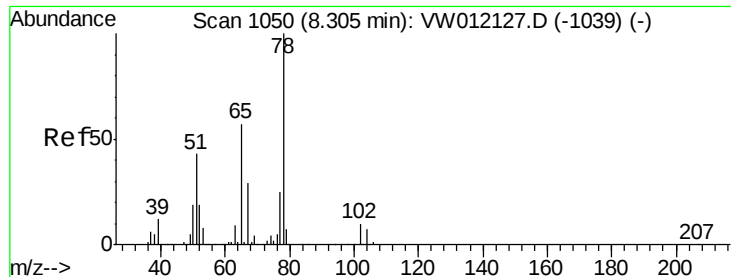
Tgt Ion:	84	Resp:	9204
Ion	Ratio	Lower	Upper
84	100		
49	144.2	117.8	176.8
51	46.0	35.6	53.4
86	63.9	51.2	76.8



#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012313.D
Acq: 29 Aug 2019 19:29

Tgt Ion:	56	Resp:	5639
Ion	Ratio	Lower	Upper
56	100		
69	161.0	24.9	37.3#
84	139.2	60.6	90.8#

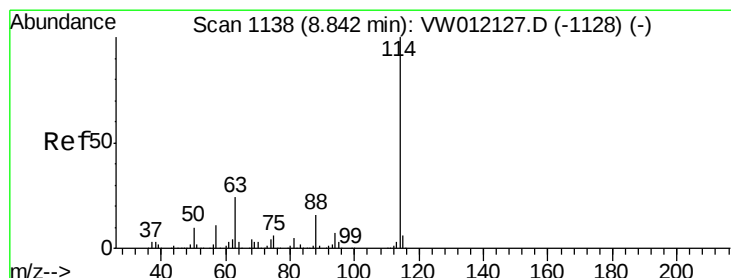
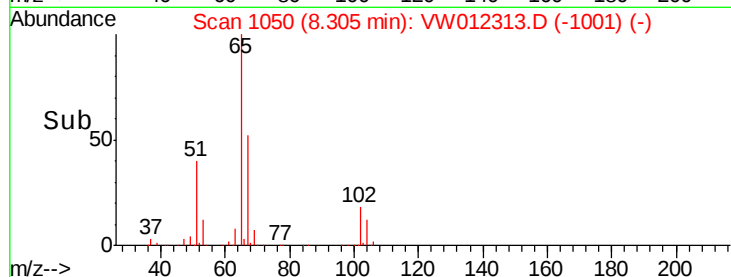
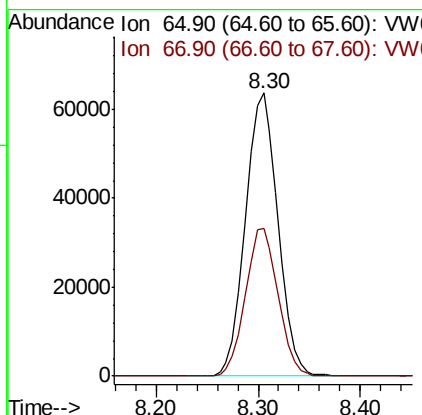
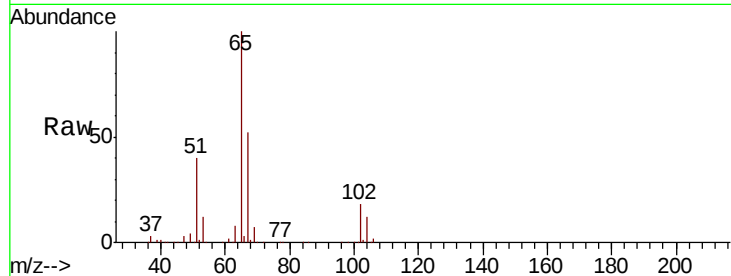




#33
 1,2-Dichloroethane-d4
 Concen: 49.903 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012313.D
 Acq: 29 Aug 2019 19:29

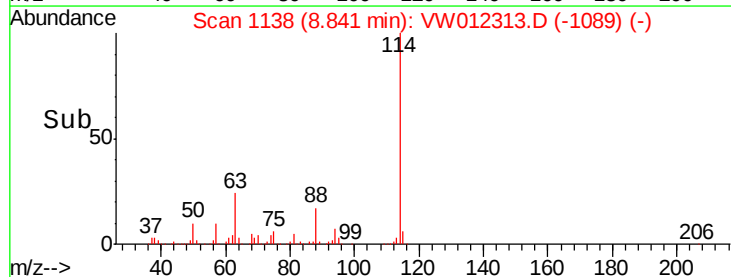
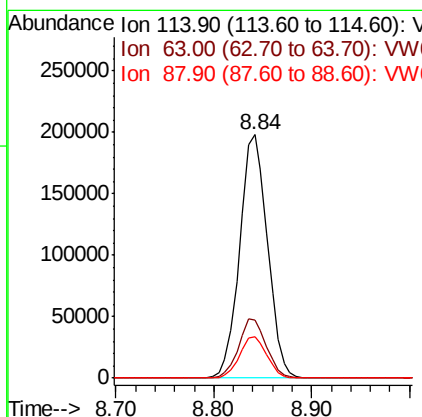
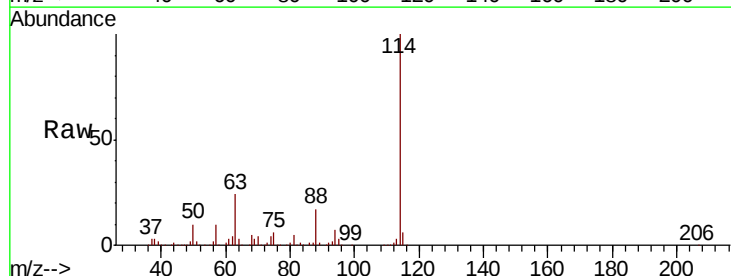
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12-8.5-9.0

Tgt Ion: 65 Resp: 141095
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012313.D
 Acq: 29 Aug 2019 19:29

Tgt Ion: 114 Resp: 390918
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 48.6
 88 16.8 0.0 32.2

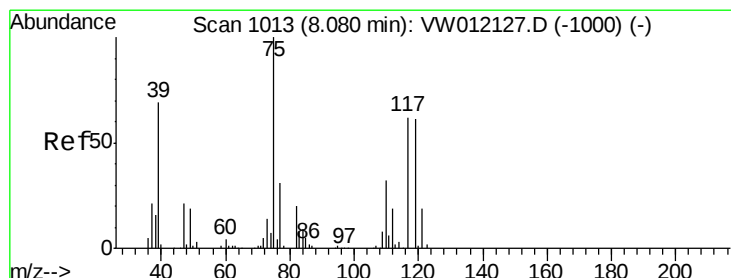
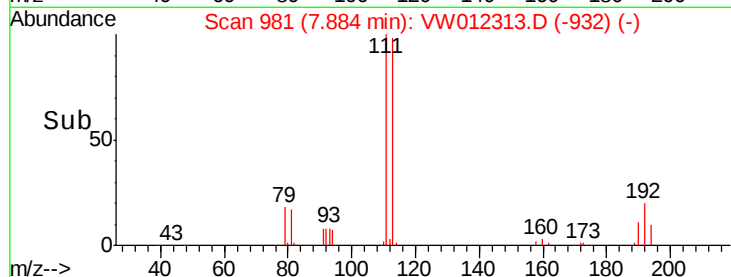
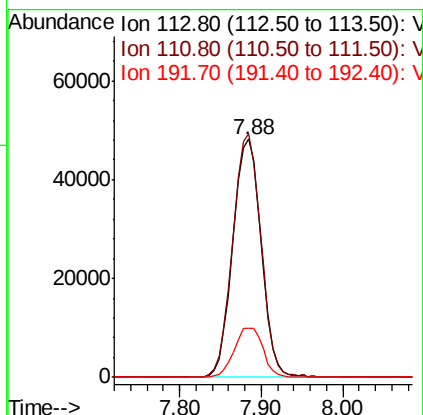
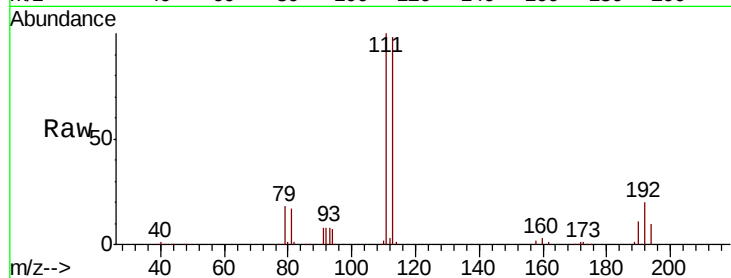




#35
 Dibromofluoromethane
 Concen: 49.458 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012313.D
 Acq: 29 Aug 2019 19:29

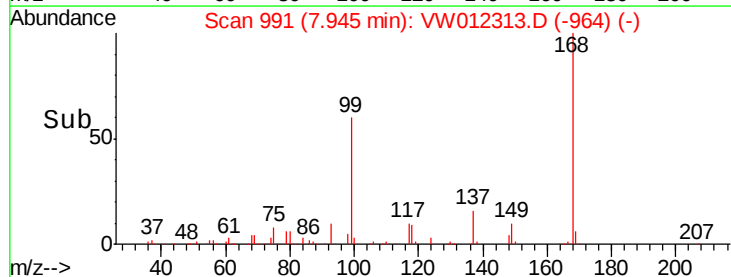
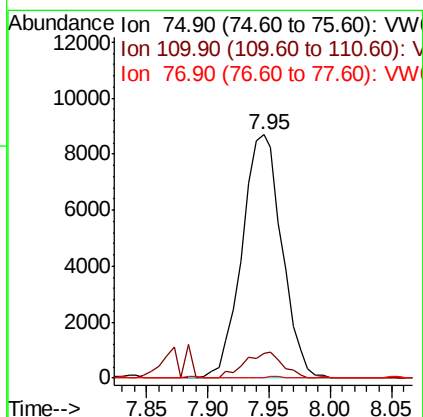
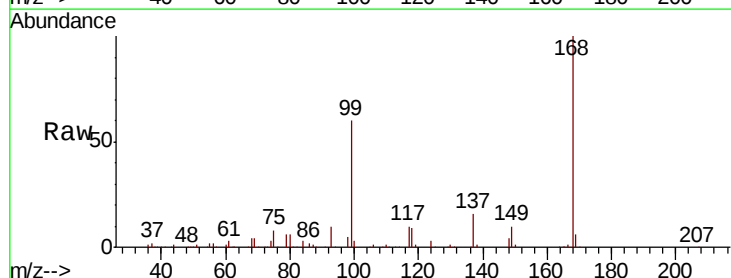
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12-8.5-9.0

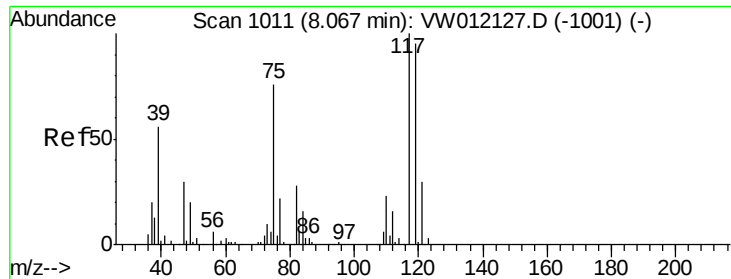
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.7	124.1
192	21.1	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 4.879 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012313.D
 Acq: 29 Aug 2019 19:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	15.6	46.8#
77	0.2	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.926 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012313.D

Acq: 29 Aug 2019 19:29

Instrument :

MSVOA_W

ClientSampled :

SB-12-8.5-9.0

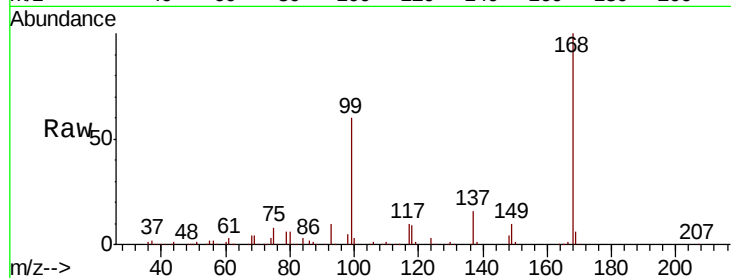
Tgt Ion:117 Resp: 24217

Ion Ratio Lower Upper

117 100

119 6.4 76.2 114.2#

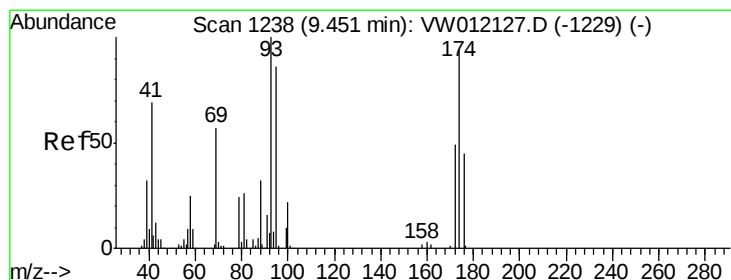
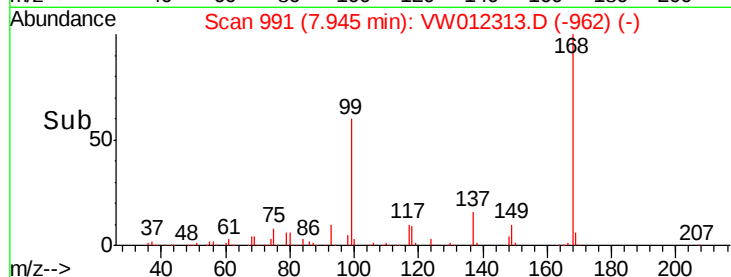
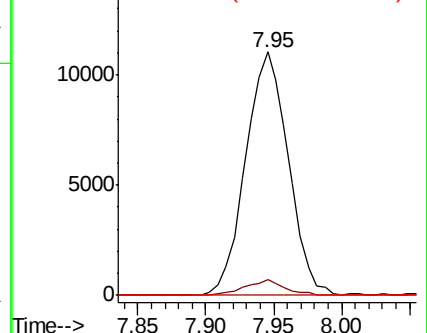
121 0.0 23.8 35.8#



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



#49

1,4-Dioxane

Concen: 2.176 ug/l

RT: 9.32 min Scan# 1217

Delta R.T. -0.13 min

Lab File: VW012313.D

Acq: 29 Aug 2019 19:29

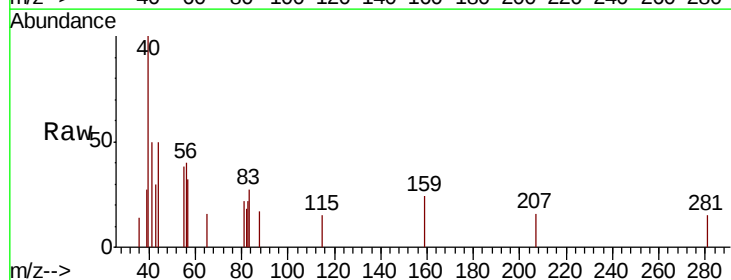
Tgt Ion: 88 Resp: 44

Ion Ratio Lower Upper

88 100

43 502.3 32.9 49.3#

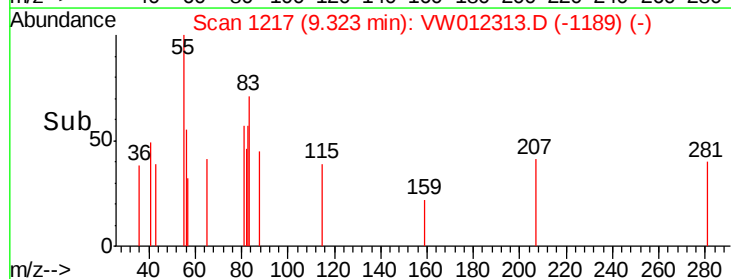
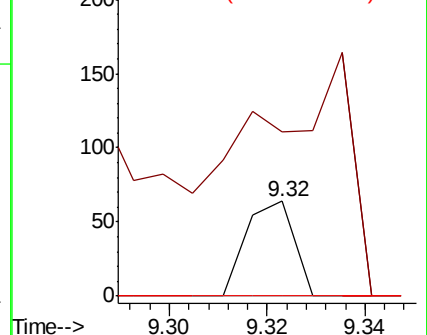
58 0.0 71.0 106.4#

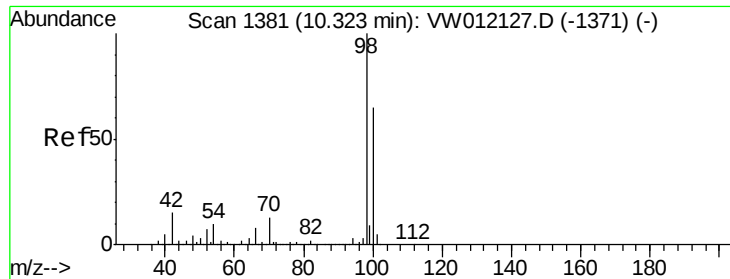


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 51.002 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012313.D

Acq: 29 Aug 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

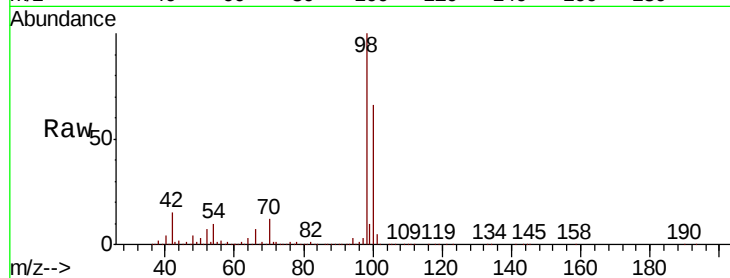
SB-12-8.5-9.0

Tgt Ion: 98 Resp: 482542

Ion Ratio Lower Upper

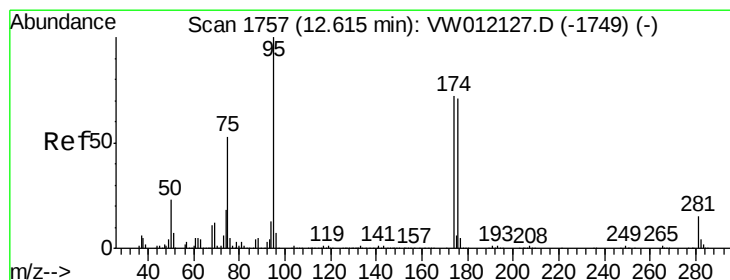
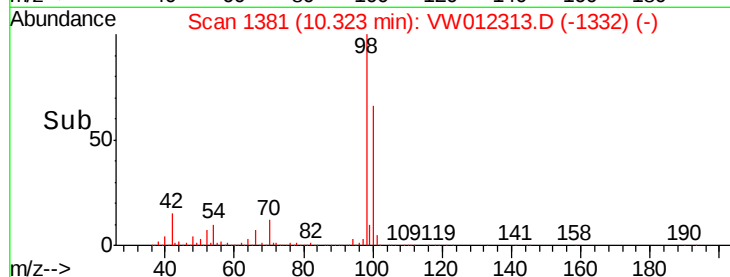
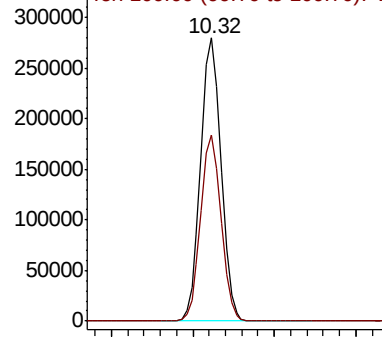
98 100

100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 48.805 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012313.D

Acq: 29 Aug 2019 19:29

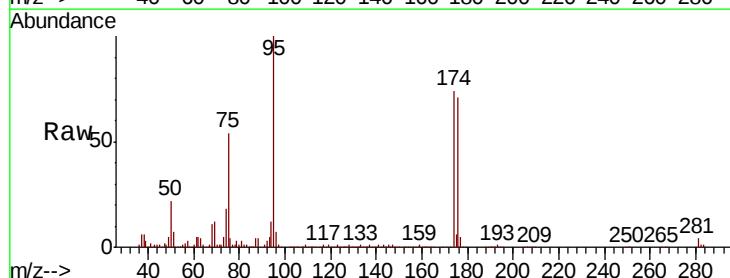
Tgt Ion: 95 Resp: 162769

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.8

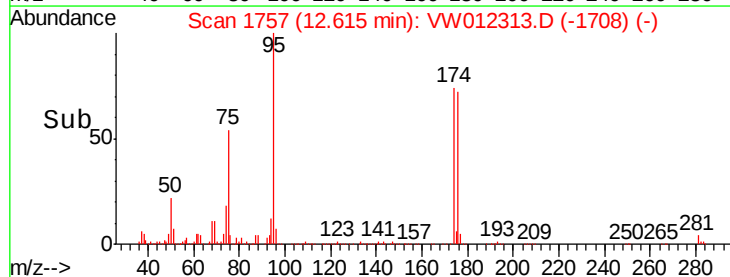
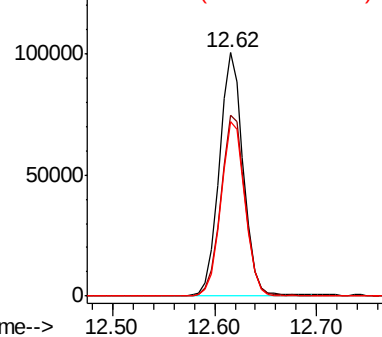
176 72.7 0.0 148.6

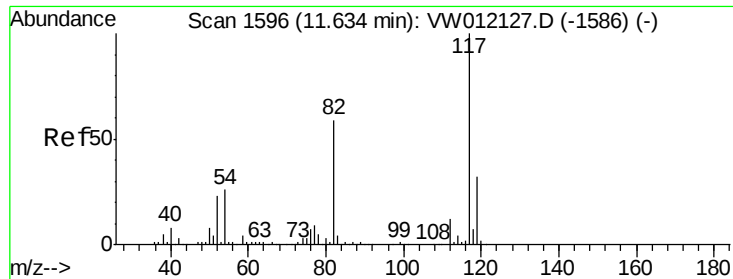


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

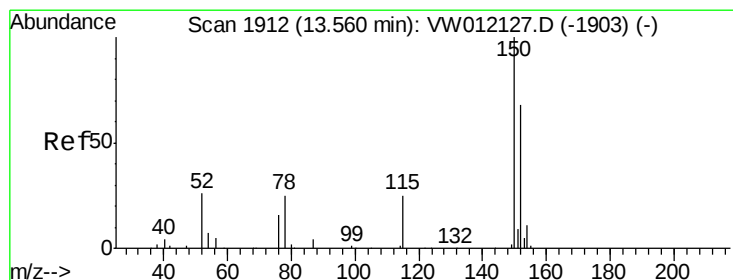
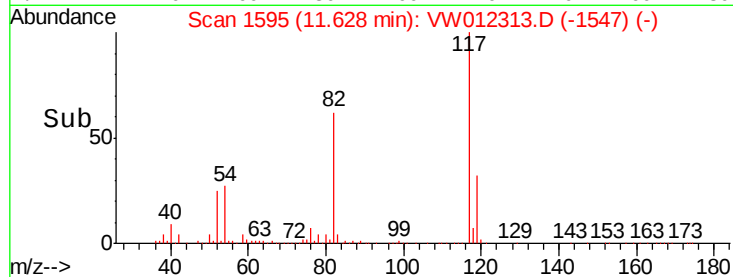
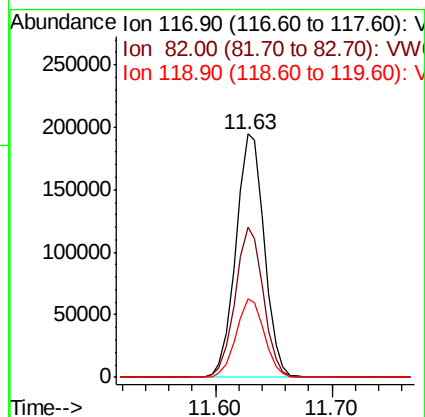
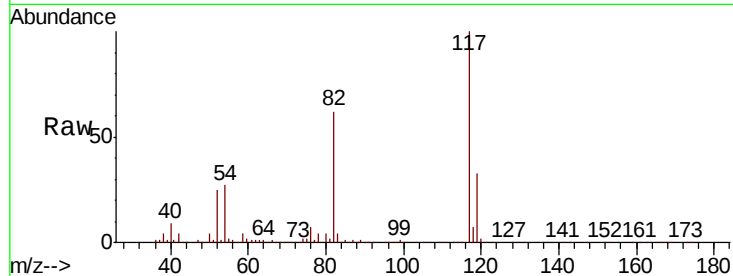




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012313.D
Acq: 29 Aug 2019 19:29

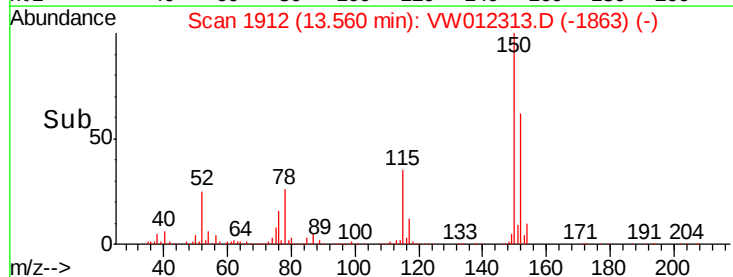
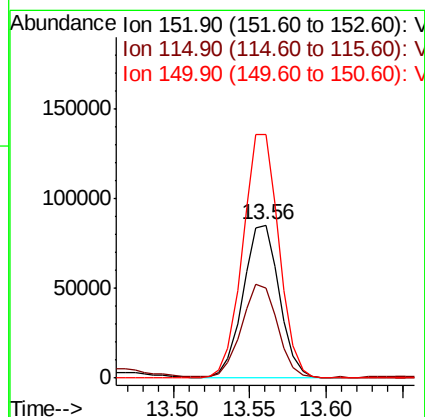
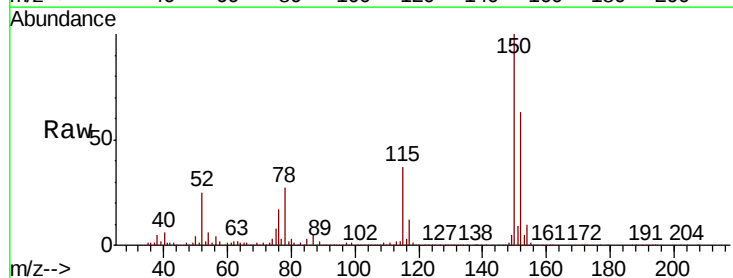
Instrument :
MSVOA_W
ClientSampleId :
SB-12-8.5-9.0

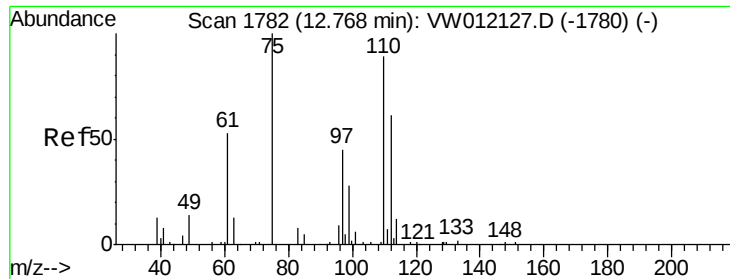
Tgt Ion:117 Resp: 330389
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012313.D
Acq: 29 Aug 2019 19:29

Tgt Ion:152 Resp: 139815
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.3
150 158.5 0.0 345.8

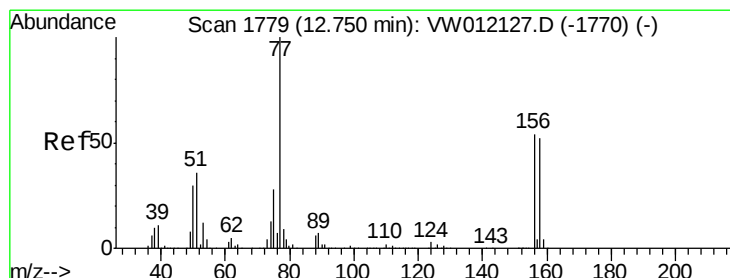
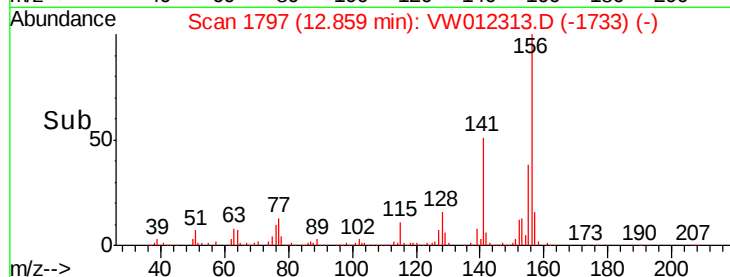
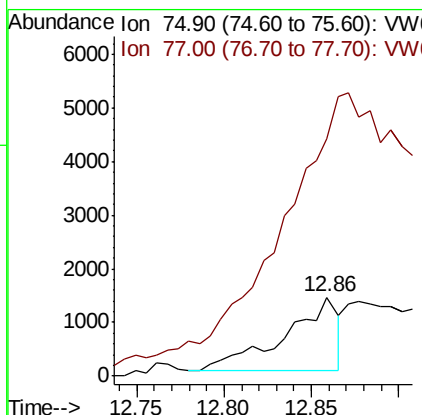
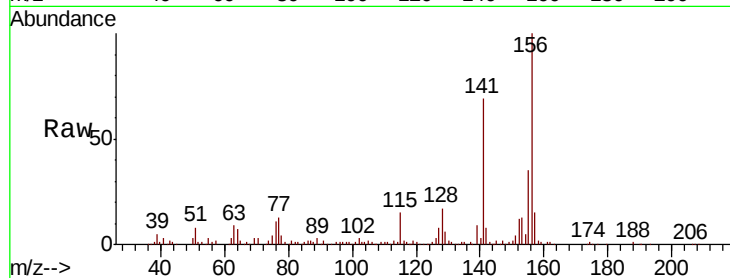




#76
 1,2,3-Trichloropropane
 Concen: 2.105 ug/l
 RT: 12.86 min Scan# 1797
 Delta R.T. 0.09 min
 Lab File: VW012313.D
 Acq: 29 Aug 2019 19:29

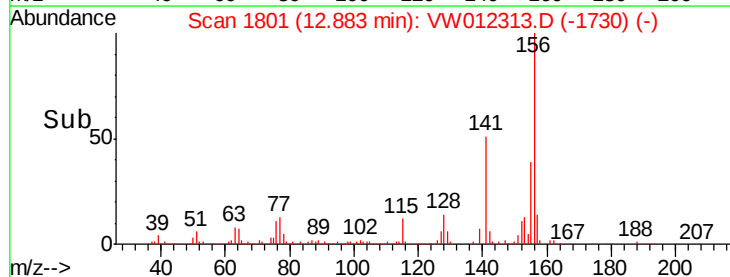
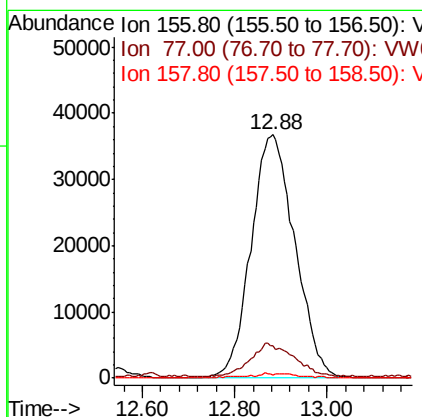
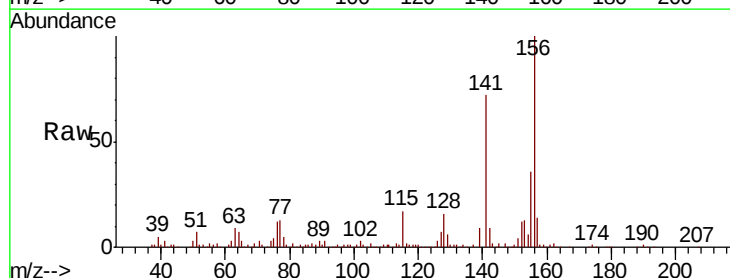
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12-8.5-9.0

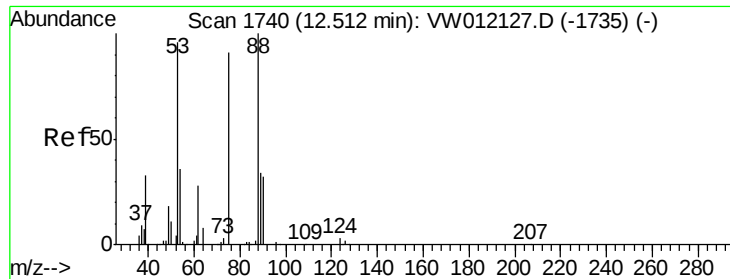
Tgt Ion: 75 Resp: 2867
 Ion Ratio Lower Upper
 75 100
 77 1164.0 0.0 0.0#



#77
 Bromobenzene
 Concen: 106.719 ug/l
 RT: 12.88 min Scan# 1801
 Delta R.T. 0.13 min
 Lab File: VW012313.D
 Acq: 29 Aug 2019 19:29

Tgt Ion: 156 Resp: 241878
 Ion Ratio Lower Upper
 156 100
 77 13.8 107.3 321.8#
 158 0.4 49.0 147.0#

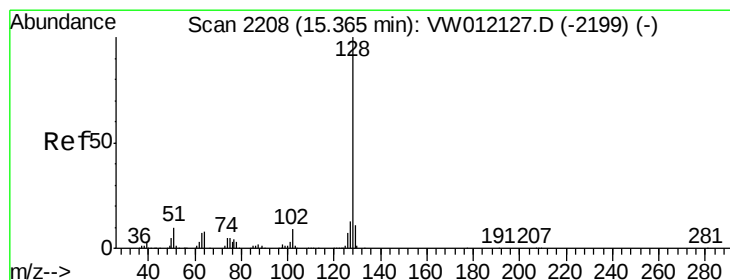
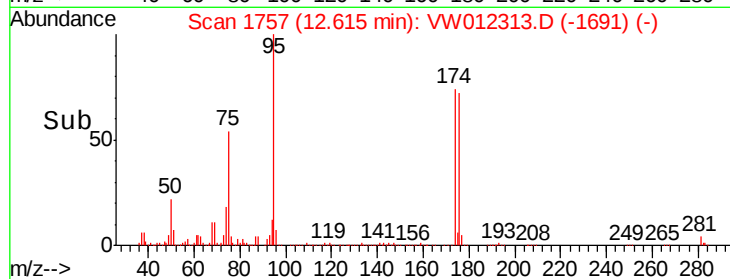
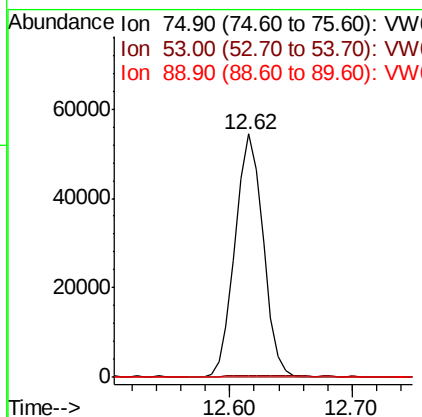
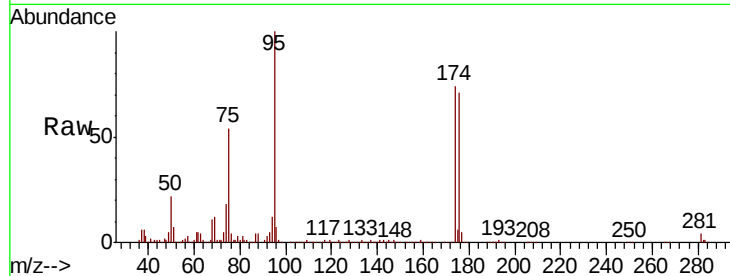




#81
trans-1,4-Dichloro-2-butene
Concen: 139.848 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012313.D
Acq: 29 Aug 2019 19:29

Instrument :
MSVOA_W
ClientSampleId :
SB-12-8.5-9.0

Tgt Ion: 75 Resp: 86854
Ion Ratio Lower Upper
75 100
53 1.2 89.4 134.0#
89 0.0 34.5 51.7#



#95
Naphthalene
Concen: 6.162 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012313.D
Acq: 29 Aug 2019 19:29

Tgt Ion: 128 Resp: 10626
Ion Ratio Lower Upper
128 100
127 12.5 10.7 16.1
129 16.9 8.7 13.1#

