

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
 Data File : VW012336.D
 Acq On : 30 Aug 2019 06:42
 Operator : SY/VA
 Sample : K4554-05
 Misc : 4.91G/5ML/MSVOA_W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12-(0-2)

Quant Time: Aug 30 07:33:37 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	256953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	340855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120816	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	148791	48.71	ug/l	0.00
Spiked Amount						
Recovery						
35) Dibromofluoromethane	7.88	113	122594	49.09	ug/l	0.00
Spiked Amount						
Recovery						
50) Toluene-d8	10.32	98	511550	50.52	ug/l	0.00
Spiked Amount						
Recovery						
62) 4-Bromofluorobenzene	12.62	95	152349	42.68	ug/l	0.00
Spiked Amount						
Recovery						

Target Compounds

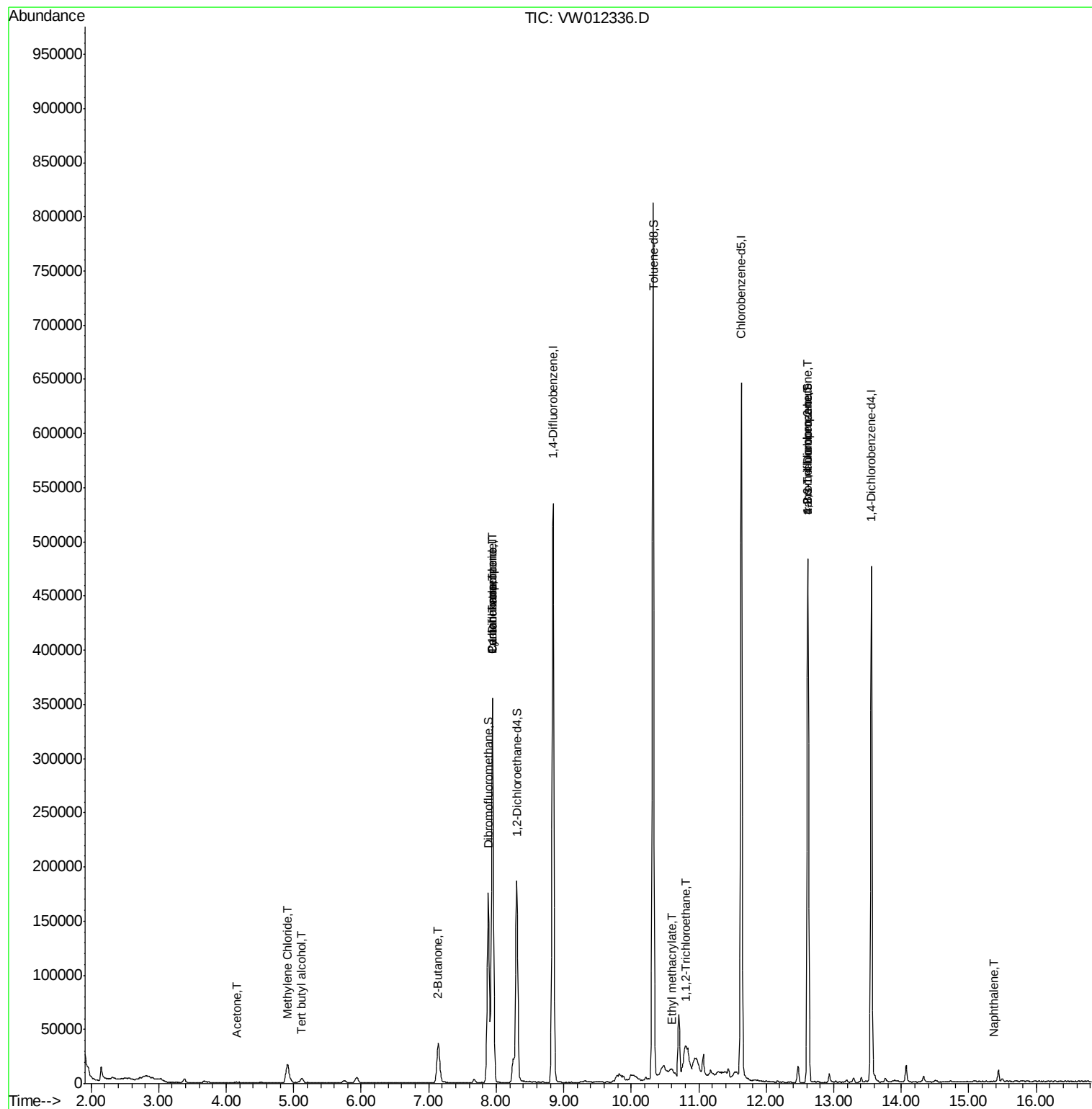
						Qvalue
11) Tert butyl alcohol	5.11	59	4021	21.875	ug/l #	71
16) Acetone	4.15	43	880	1.127	ug/l	92
20) Methylene Chloride	4.90	84	11879	4.024	ug/l	94
25) 2-Butanone	7.14	43	2455	2.314	ug/l #	87
31) Cyclohexane	7.94	56	6439	1.170	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	22519	5.208	ug/l #	52
38) Carbon Tetrachloride	7.95	117	25617	6.845	ug/l #	16
55) 1,1,2-Trichloroethane	10.80	97	4770	2.385	ug/l #	14
56) Ethyl methacrylate	10.60	69	9777	3.358	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	80928	68.778	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	80928	150.797	ug/l #	6
95) Naphthalene	15.37	128	113	4.344	ug/l #	74

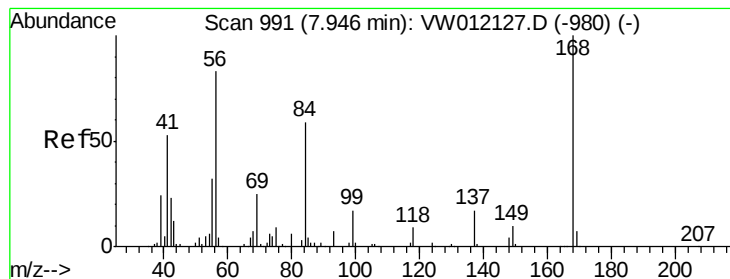
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
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Quant Time: Aug 30 07:33:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012336.D

Acq: 30 Aug 2019 06:42

Instrument :

MSVOA_W

ClientSampleId :

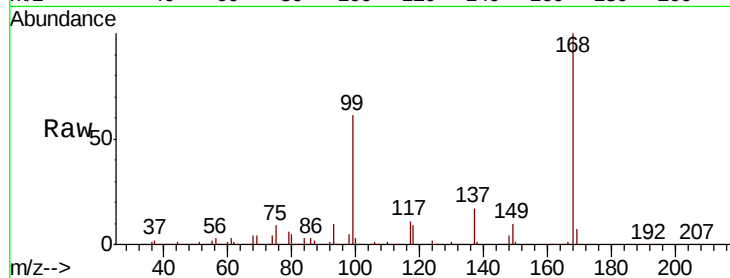
SB-12-(0-2)

Tgt Ion:168 Resp: 256953

Ion Ratio Lower Upper

168 100

99 60.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

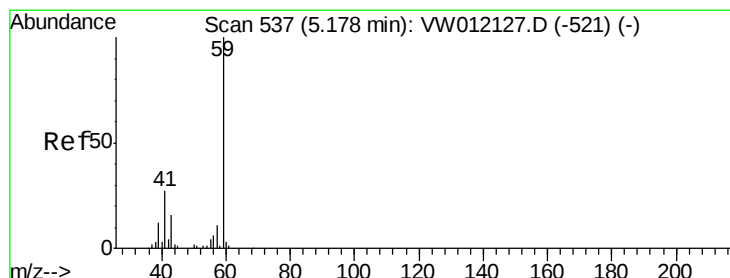
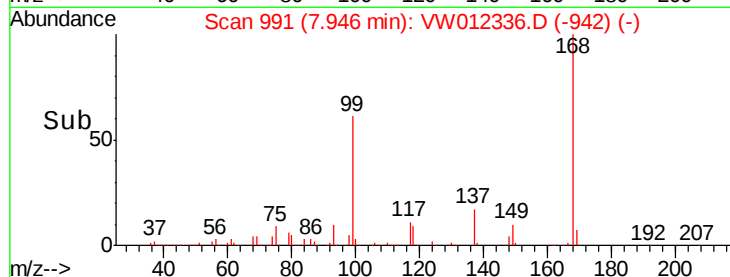
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 21.875 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.07 min

Lab File: VW012336.D

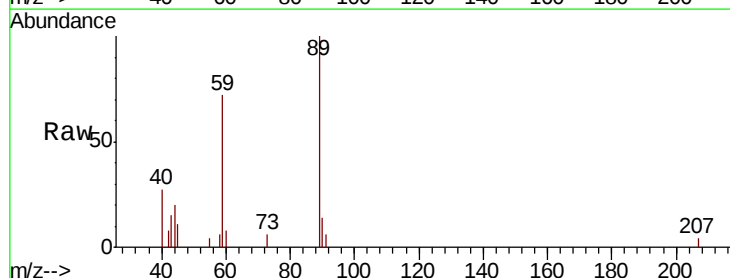
Acq: 30 Aug 2019 06:42

Tgt Ion: 59 Resp: 4021

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.11

1200

1000

800

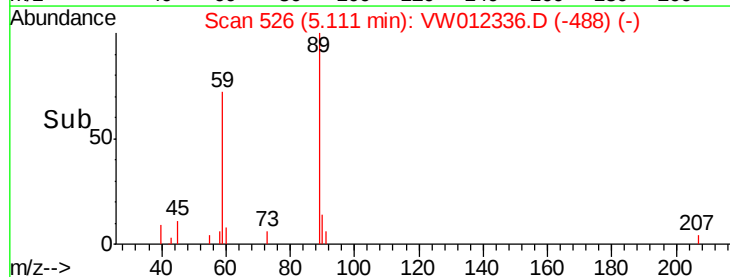
600

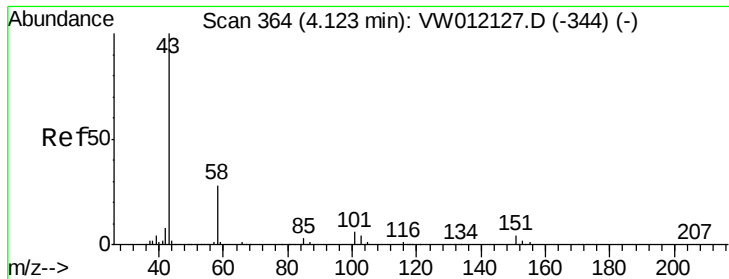
400

200

0

Time-->





#16

Acetone

Concen: 1.127 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.03 min

Lab File: VW012336.D

Acq: 30 Aug 2019 06:42

Instrument :

MSVOA_W

ClientSampleId :

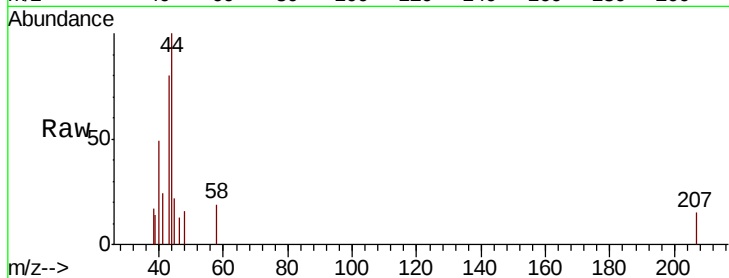
SB-12-(0-2)

Tgt Ion: 43 Resp: 880

Ion Ratio Lower Upper

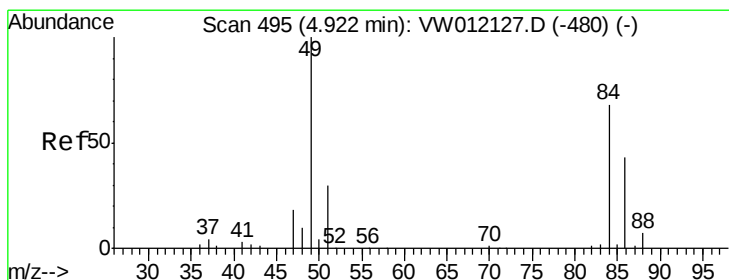
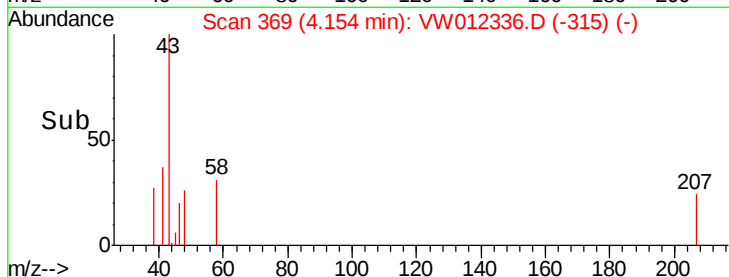
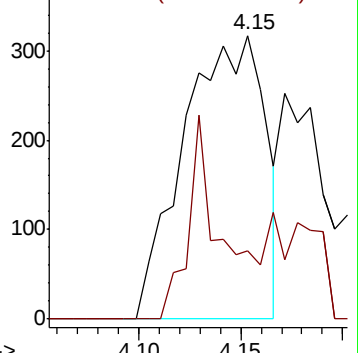
43 100

58 24.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 4.024 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012336.D

Acq: 30 Aug 2019 06:42

Tgt Ion: 84 Resp: 11879

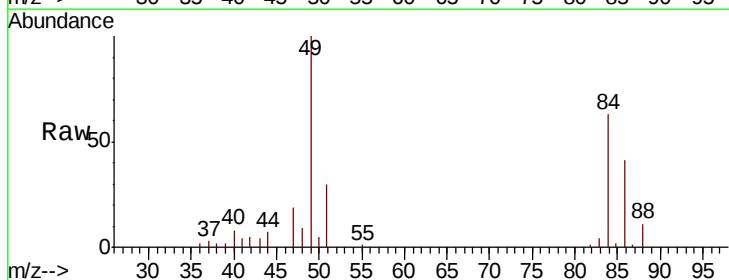
Ion Ratio Lower Upper

84 100

49 157.5 117.8 176.8

51 48.4 35.6 53.4

86 65.4 51.2 76.8

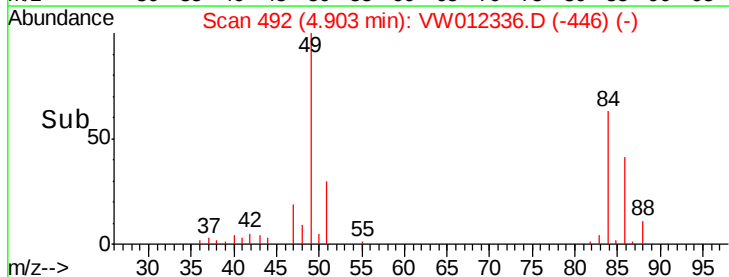
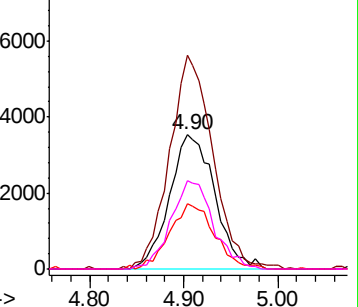


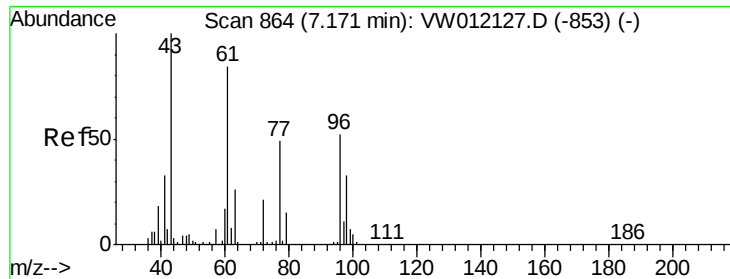
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 2.314 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW012336.D

Acq: 30 Aug 2019 06:42

Instrument :

MSVOA_W

ClientSampleId :

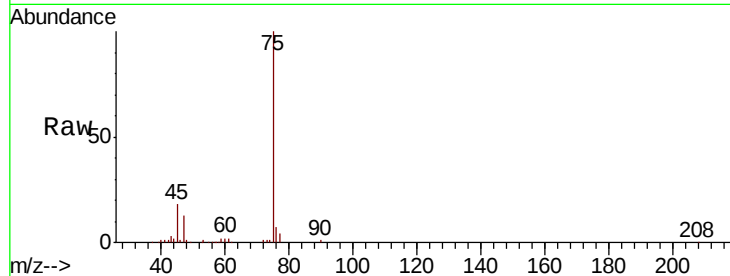
SB-12-(0-2)

Tgt Ion: 43 Resp: 2455

Ion Ratio Lower Upper

43 100

72 14.8 16.6 24.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.14

800

600

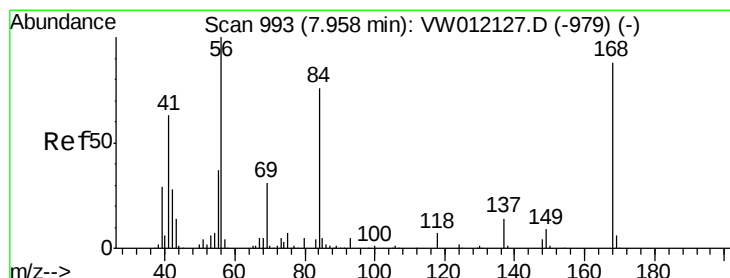
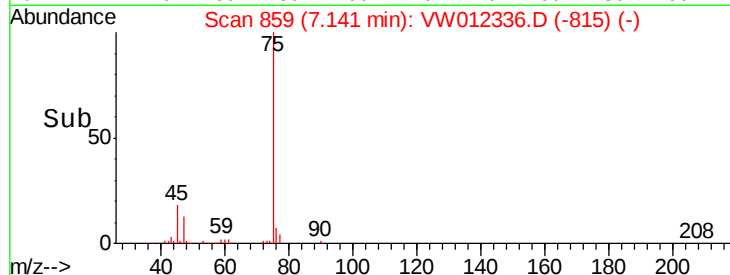
400

200

0

7.05 7.10 7.15 7.20

Time-->



#31

Cyclohexane

Concen: 1.170 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012336.D

Acq: 30 Aug 2019 06:42

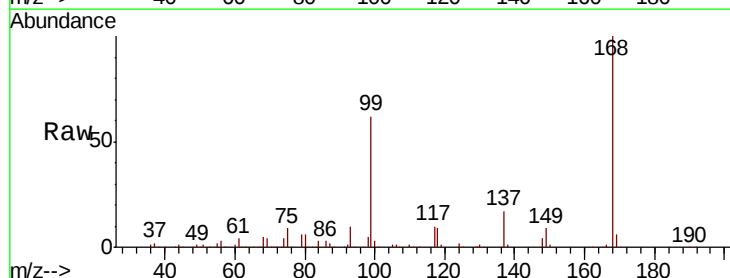
Tgt Ion: 56 Resp: 6439

Ion Ratio Lower Upper

56 100

69 150.2 24.9 37.3#

84 101.3 60.6 90.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

6000

5000

4000

3000

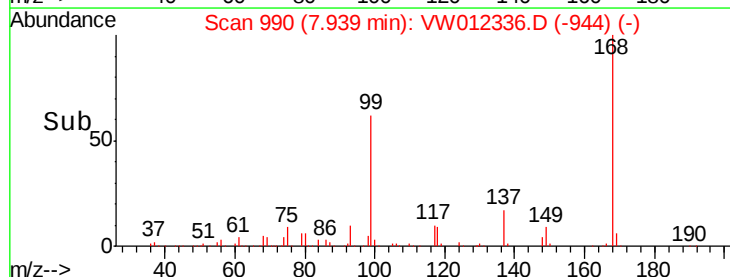
2000

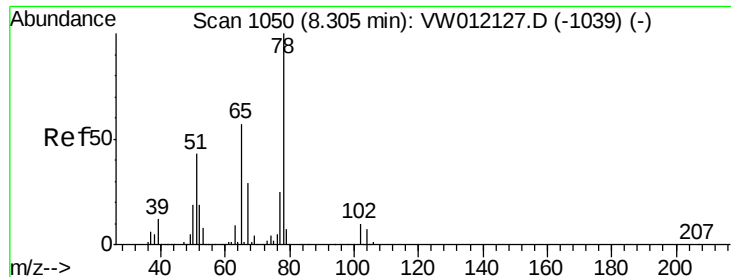
1000

0

7.85 7.90 7.95 8.00 8.05

Time-->

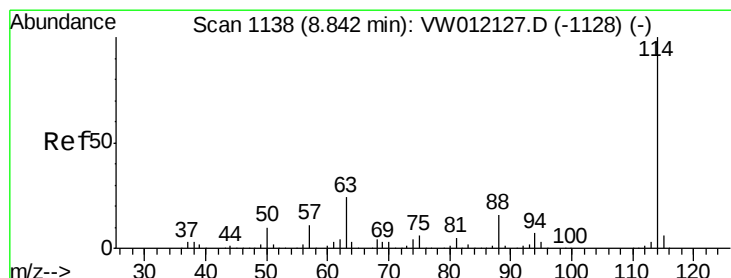
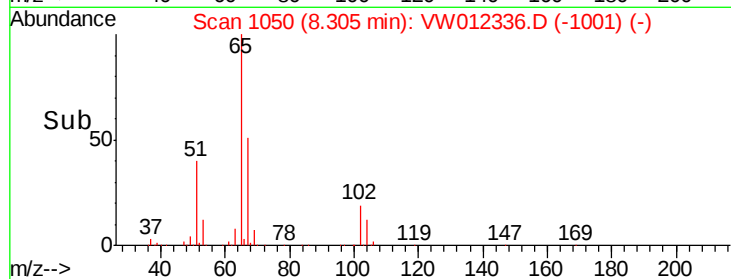
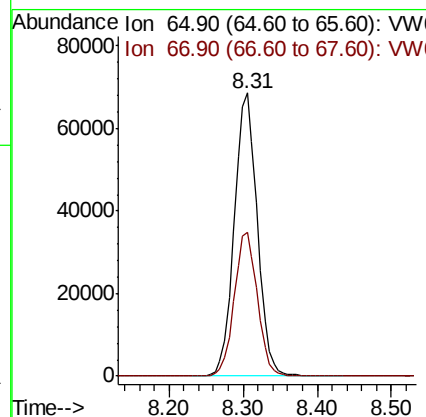
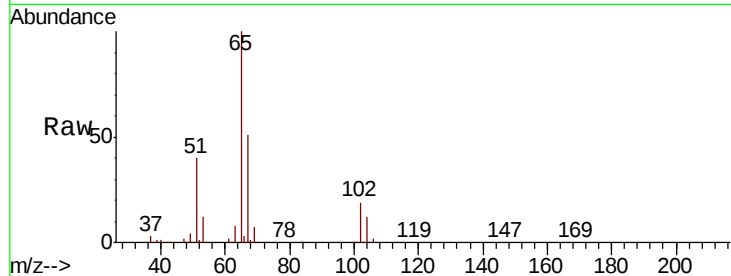




#33
 1,2-Dichloroethane-d4
 Concen: 48.711 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012336.D
 Acq: 30 Aug 2019 06:42

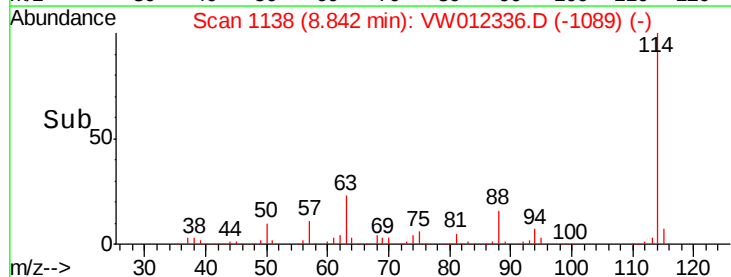
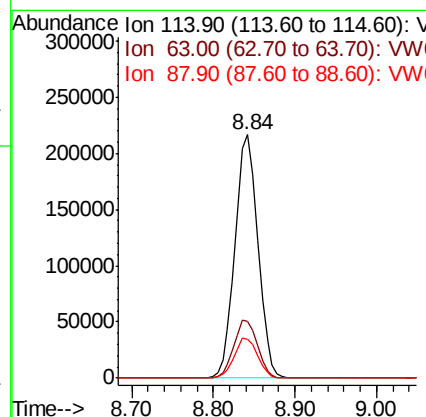
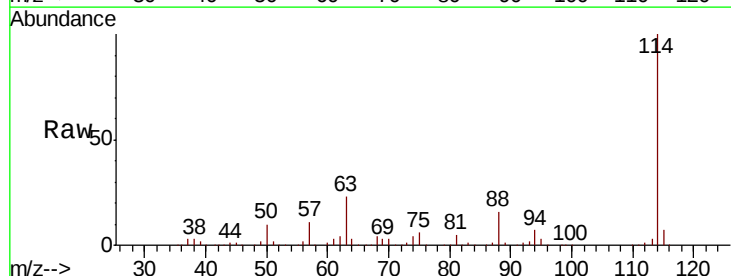
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12-(0-2)

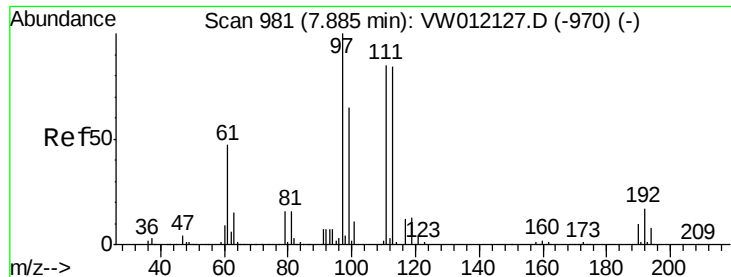
Tgt Ion: 65 Resp: 148791
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012336.D
 Acq: 30 Aug 2019 06:42

Tgt Ion: 114 Resp: 418407
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 48.6
 88 16.1 0.0 32.2

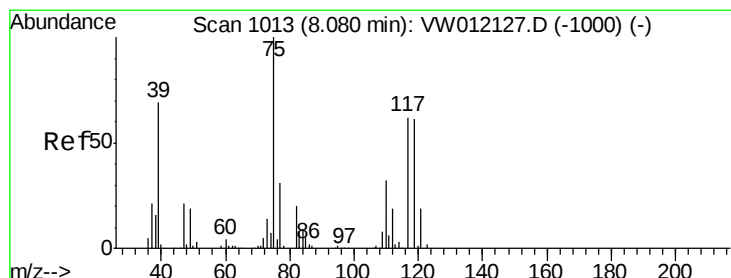
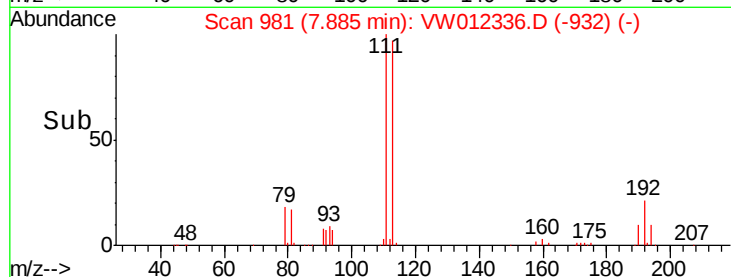
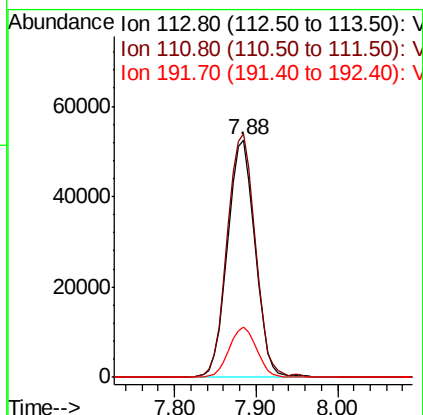
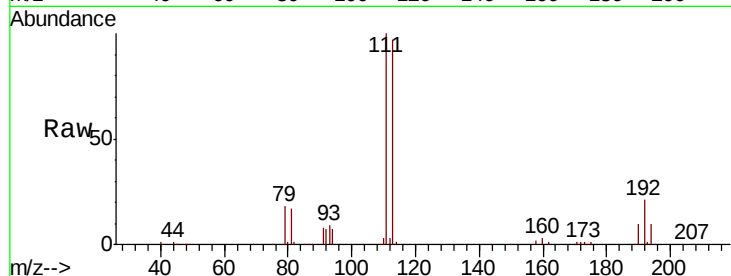




#35
 Dibromofluoromethane
 Concen: 49.087 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012336.D
 Acq: 30 Aug 2019 06:42

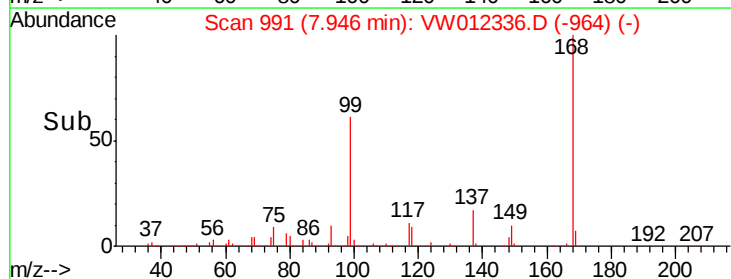
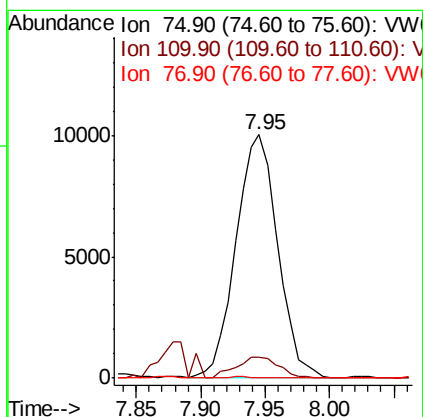
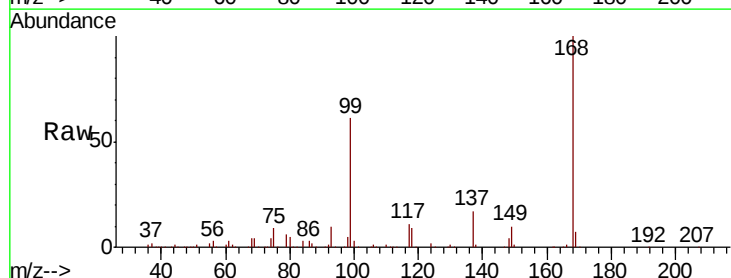
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12-(0-2)

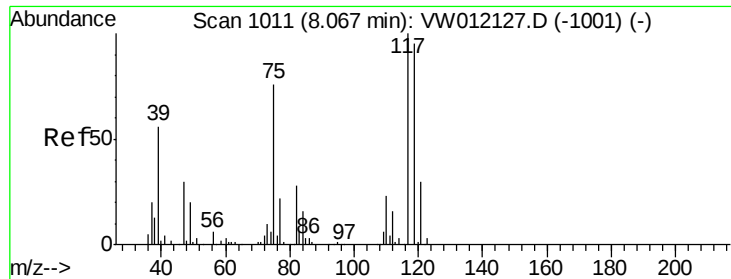
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.7	124.1
192	21.1	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.208 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012336.D
 Acq: 30 Aug 2019 06:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	15.6	46.8#
77	0.2	24.6	36.8#

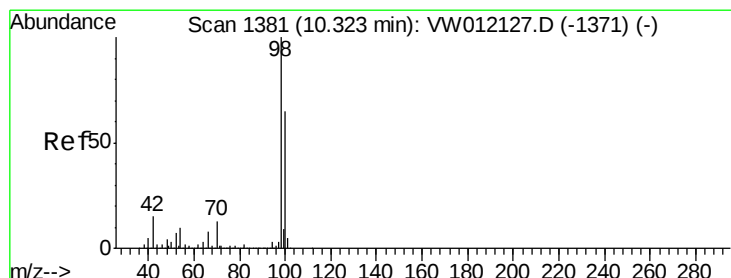
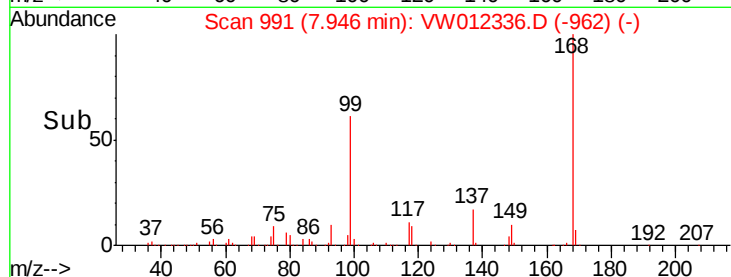
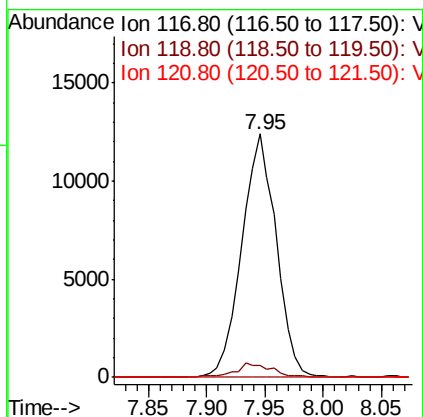
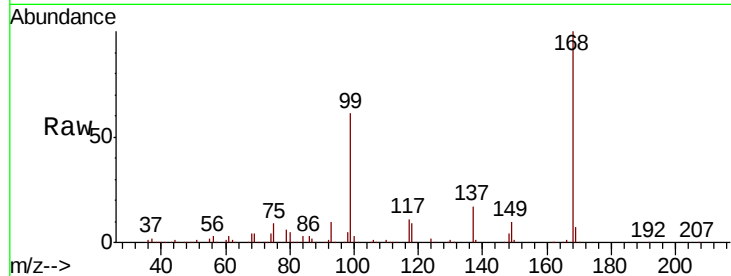




#38
Carbon Tetrachloride
Concen: 6.845 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012336.D
Acq: 30 Aug 2019 06:42

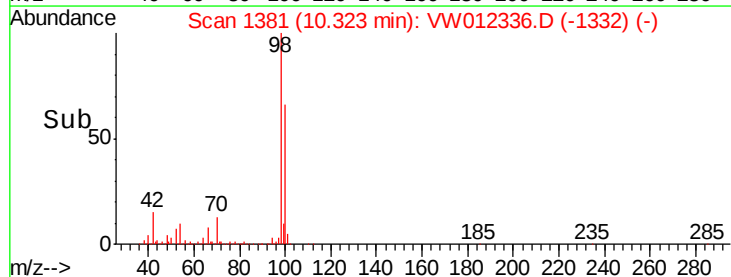
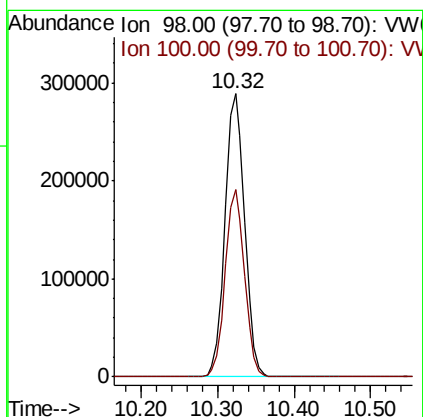
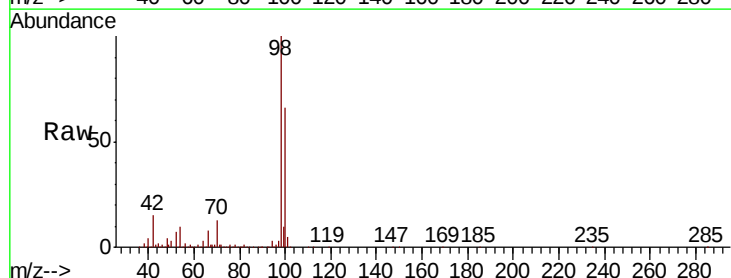
Instrument :
MSVOA_W
ClientSampleId :
SB-12-(0-2)

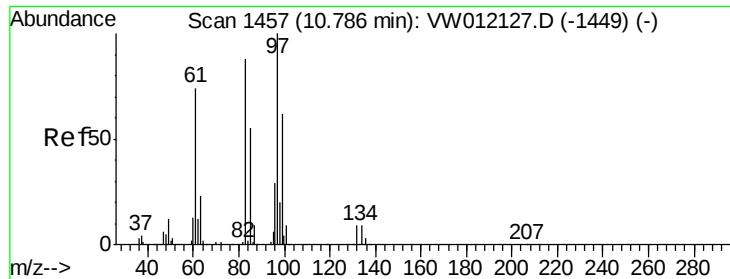
Tgt Ion:117 Resp: 25617
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 50.516 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012336.D
Acq: 30 Aug 2019 06:42

Tgt Ion: 98 Resp: 511550
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6





#55

1,1,2-Trichloroethane

Concen: 2.385 ug/l

RT: 10.80 min Scan# 1460

Delta R.T. 0.02 min

Lab File: VW012336.D

Acq: 30 Aug 2019 06:42

Instrument :

MSVOA_W

ClientSampleId :

SB-12-(0-2)

Tgt Ion: 97 Resp: 4770

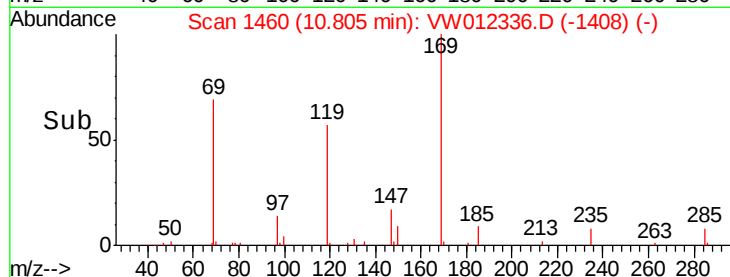
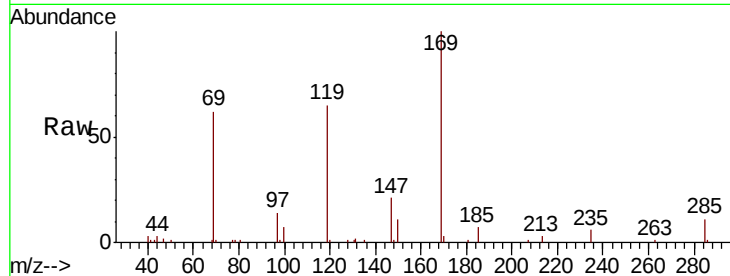
Ion Ratio Lower Upper

97 100

83 0.0 70.8 106.2#

85 0.0 43.8 65.8#

99 0.0 49.8 74.6#

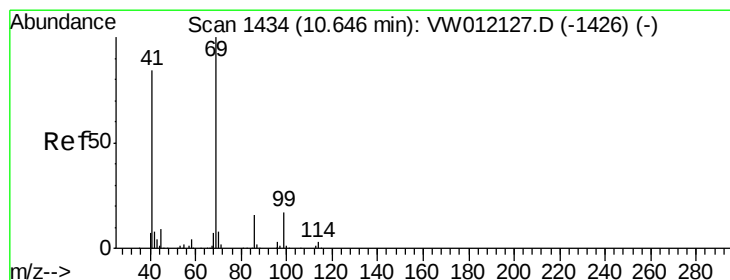
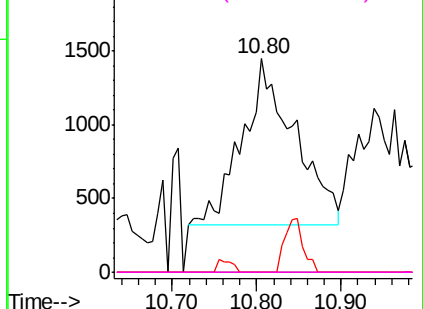


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 3.358 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.04 min

Lab File: VW012336.D

Acq: 30 Aug 2019 06:42

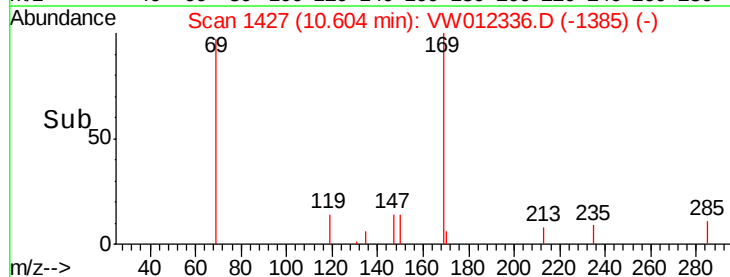
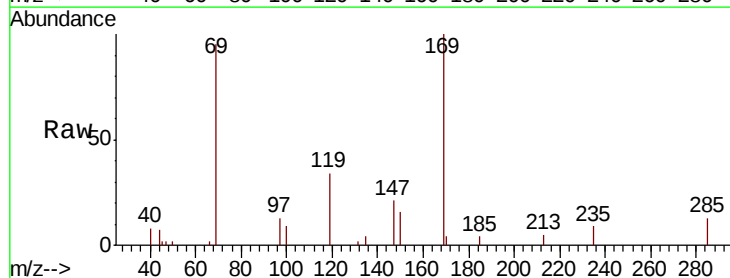
Tgt Ion: 69 Resp: 9777

Ion Ratio Lower Upper

69 100

41 0.5 66.5 99.7#

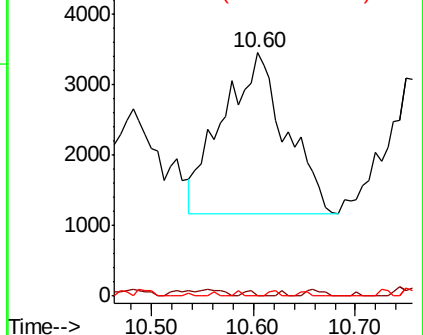
39 0.3 31.0 46.4#

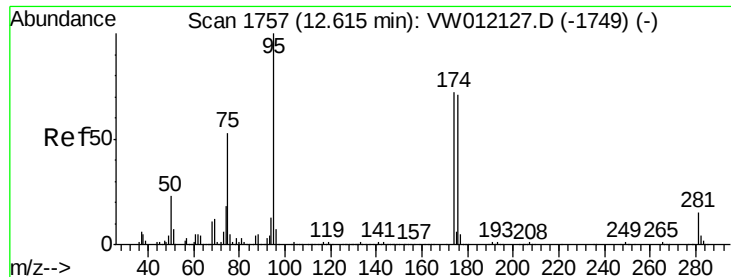


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

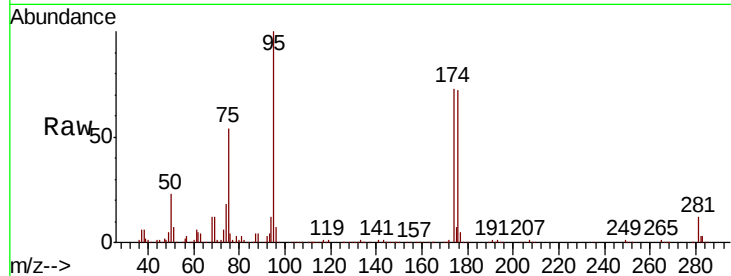




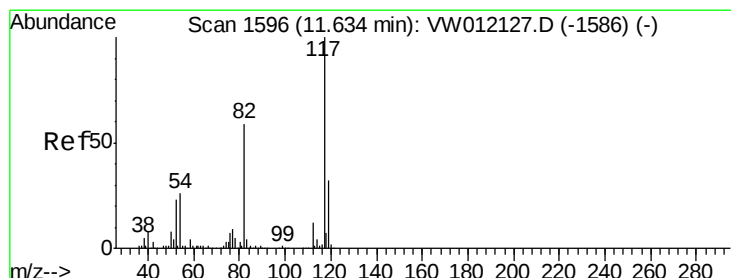
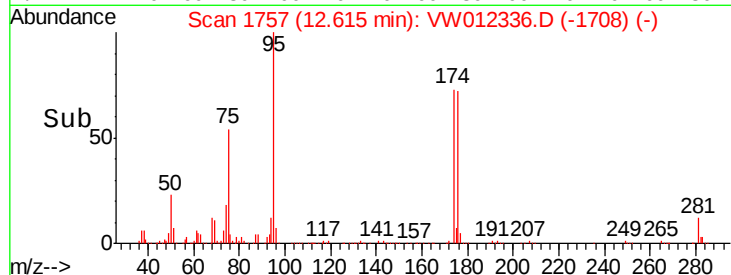
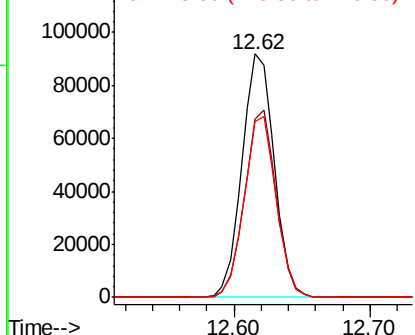
#62
4-Bromofluorobenzene
Concen: 42.679 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012336.D
Acq: 30 Aug 2019 06:42

Instrument :
MSVOA_W
ClientSampleId :
SB-12-(0-2)

Tgt Ion: 95 Resp: 152349
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.8
176 73.7 0.0 148.6

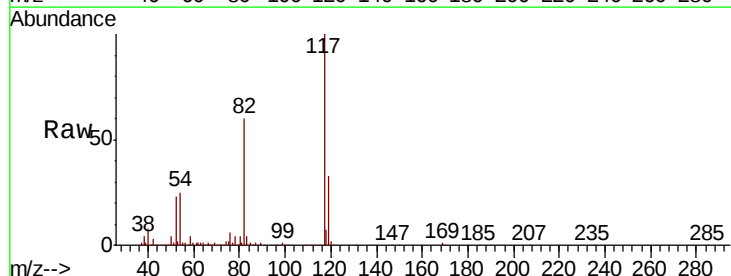


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

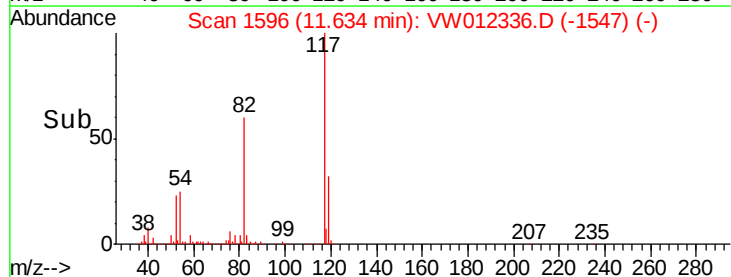
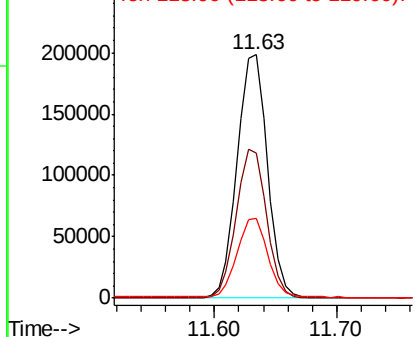


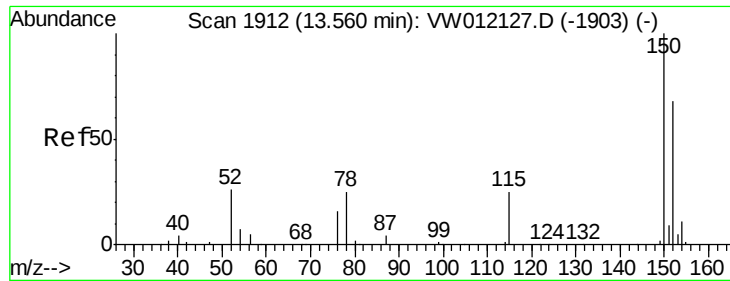
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012336.D
Acq: 30 Aug 2019 06:42

Tgt Ion: 117 Resp: 340855
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 32.2 25.4 38.2



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: VW012336.D

Acq: 30 Aug 2019 06:42

Instrument :

MSVOA_W

ClientSampleId :

SB-12-(0-2)

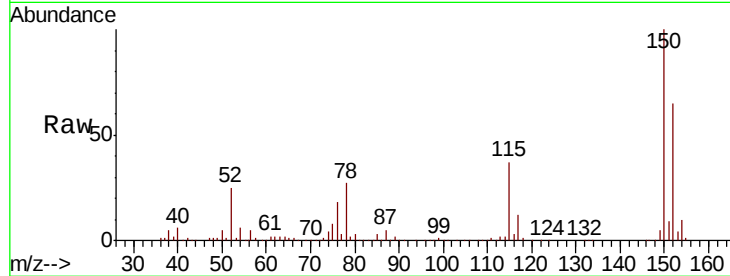
Tgt Ion:152 Resp: 120816

Ion Ratio Lower Upper

152 100

115 59.6 30.1 90.3

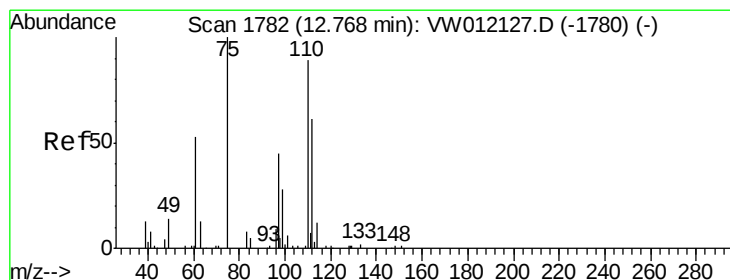
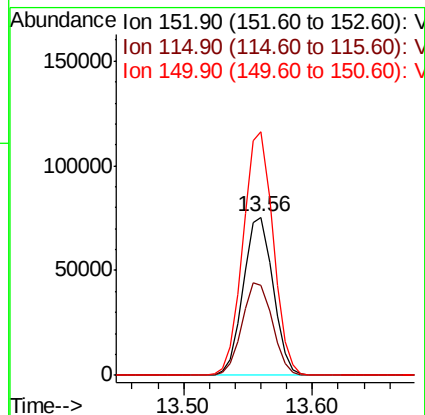
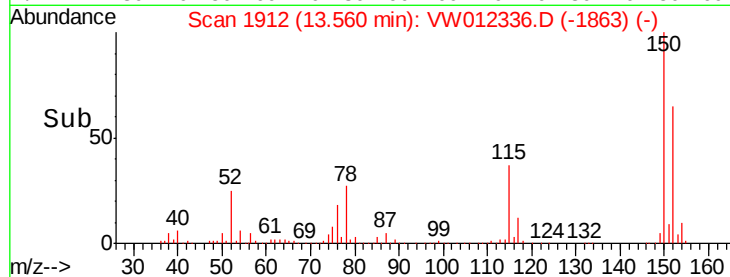
150 155.1 0.0 345.8



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: 68.778 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012336.D

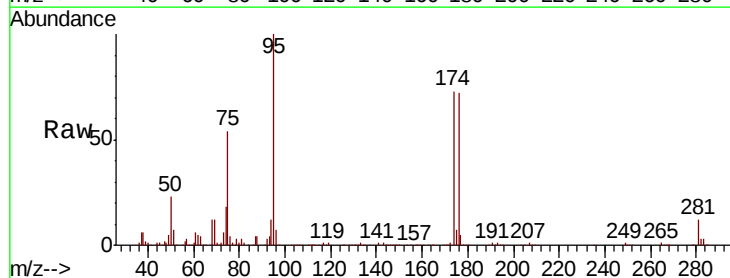
Acq: 30 Aug 2019 06:42

Tgt Ion: 75 Resp: 80928

Ion Ratio Lower Upper

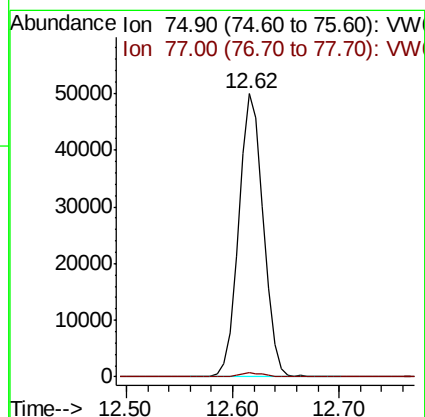
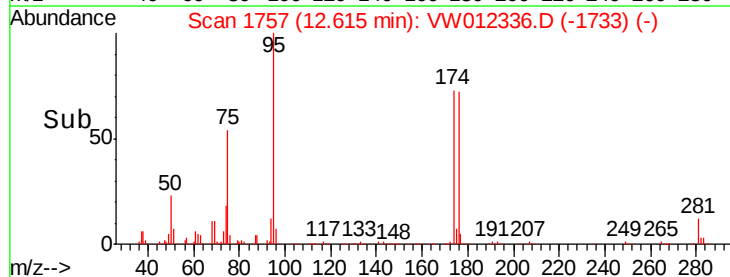
75 100

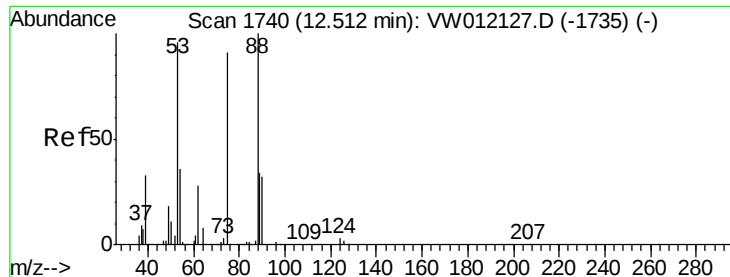
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

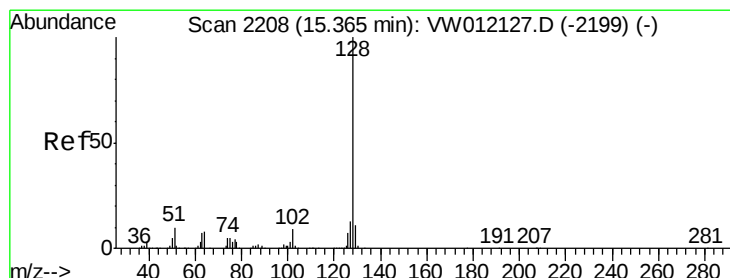
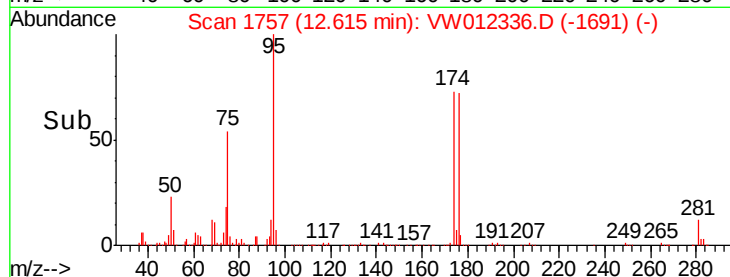
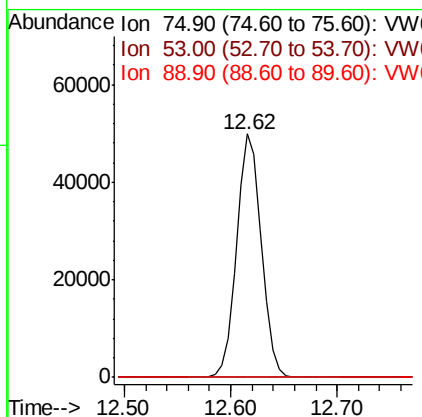
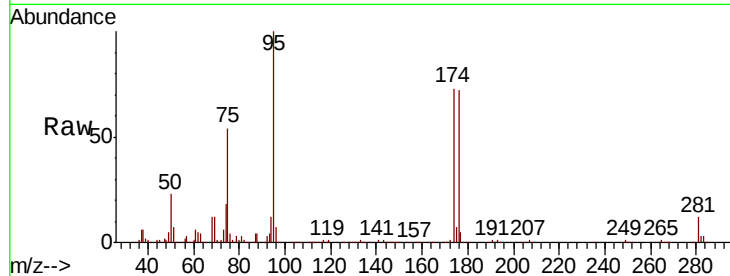




#81
trans-1,4-Dichloro-2-butene
Concen: 150.797 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012336.D
Acq: 30 Aug 2019 06:42

Instrument :
MSVOA_W
ClientSampleId :
SB-12-(0-2)

Tgt Ion: 75 Resp: 80928
Ion Ratio Lower Upper
75 100
53 0.1 89.4 134.0#
89 0.0 34.5 51.7#



#95
Naphthalene
Concen: 4.344 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012336.D
Acq: 30 Aug 2019 06:42

Tgt Ion: 128 Resp: 113
Ion Ratio Lower Upper
128 100
127 23.0 10.7 16.1#
129 0.0 8.7 13.1#

