

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007632.D
 Acq On : 17 Dec 2018 15:32
 Operator : SY/AP
 Sample : J6378-08RE
 Misc : 3.29G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 07:05:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	48936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	79284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	48618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	11391	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	33367	61.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	122.92%	
35) Dibromofluoromethane	7.88	113	27784	57.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	115.78%	
50) Toluene-d8	10.32	98	77414	43.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.04%	
62) 4-Bromofluorobenzene	12.62	95	16779	25.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	50.72%	

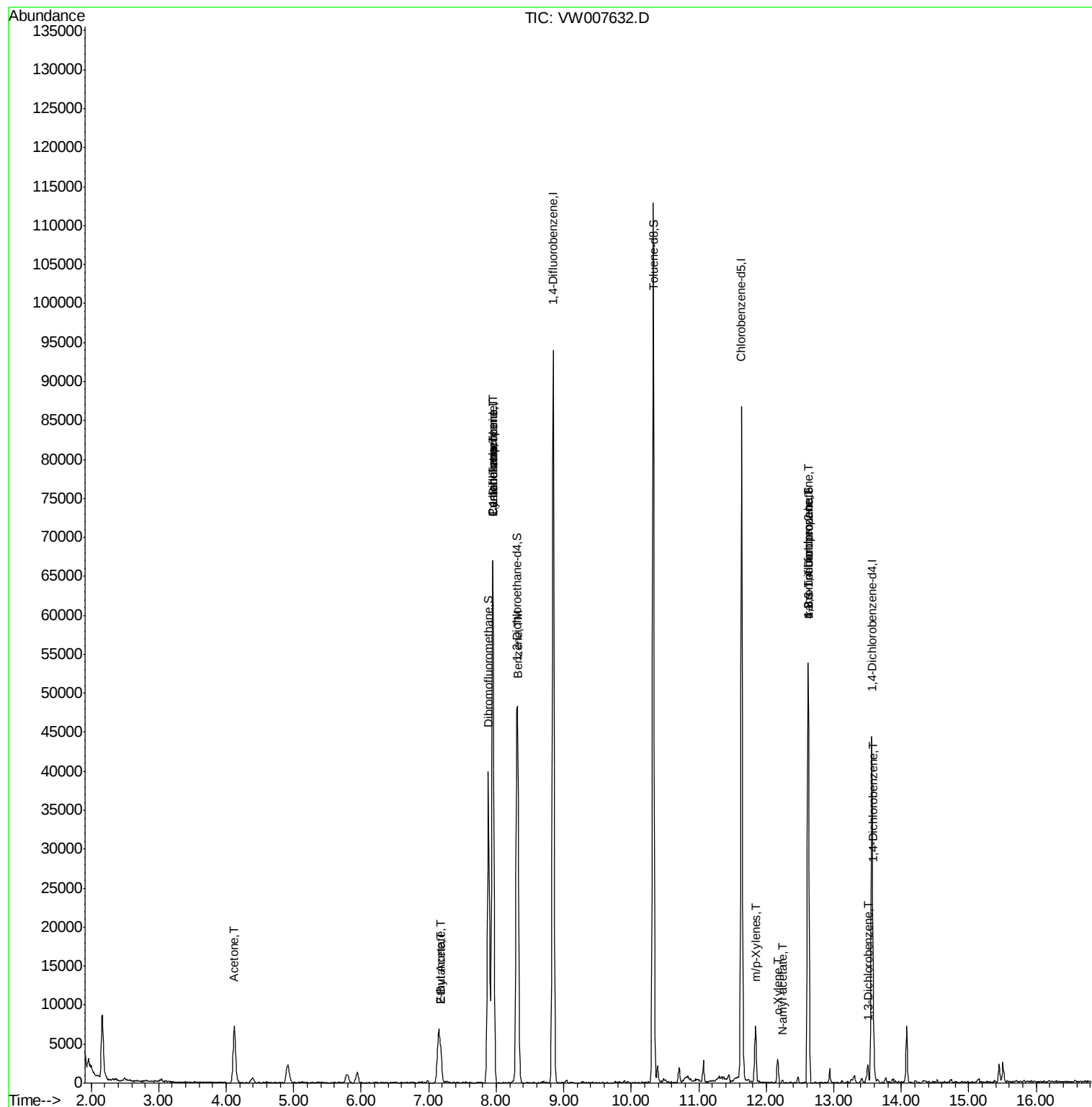
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	12813	135.116	ug/l	94
20) Methylene Chloride	4.91	84	2014	Below Cal		84
25) 2-Butanone	7.18	43	5813	46.955	ug/l #	86
31) Cyclohexane	7.95	56	1035	1.227	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	3812	5.271	ug/l #	49
37) Ethyl Acetate	7.18	43	5813	21.609	ug/l #	66
38) Carbon Tetrachloride	7.95	117	5324	6.765	ug/l #	18
40) Benzene	8.32	78	16901	8.420	ug/l	96
68) m/p-Xylenes	11.84	106	2116	3.124	ug/l	94
69) o-Xylene	12.16	106	920	1.454	ug/l	98
74) N-amyl acetate	12.24	43	247	1.557	ug/l #	41
76) 1,2,3-Trichloropropane	12.62	75	8674	92.353	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	8674	204.009	ug/l #	7
87) 1,3-Dichlorobenzene	13.51	146	1054	2.732	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	3723	9.600	ug/l	97

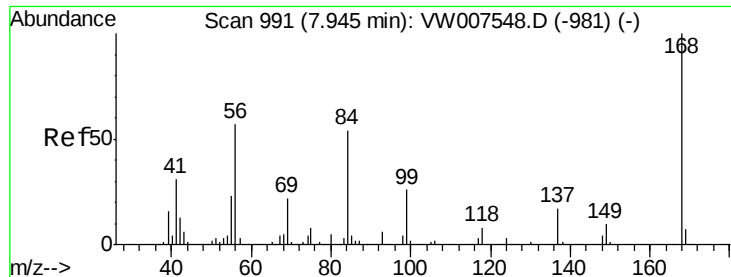
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121918\
Data File : VW007632.D
Acq On : 17 Dec 2018 15:32
Operator : SY/AP
Sample : J6378-08RE
Misc : 3.29G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 18 07:05:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007632.D

Acq: 17 Dec 2018 15:32

Instrument :

MSVOA_W

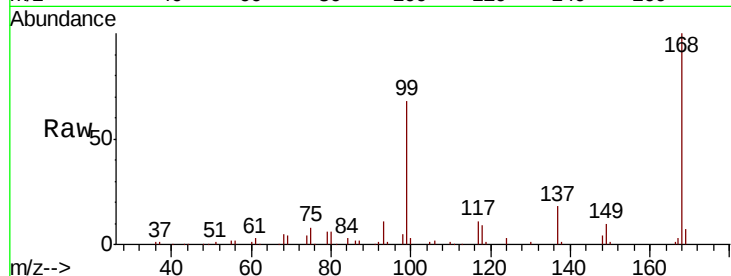
ClientSampleId :

Tot Ion:168 Resp: 48936

Ion Ratio Lower Upper

168 100

99 68.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

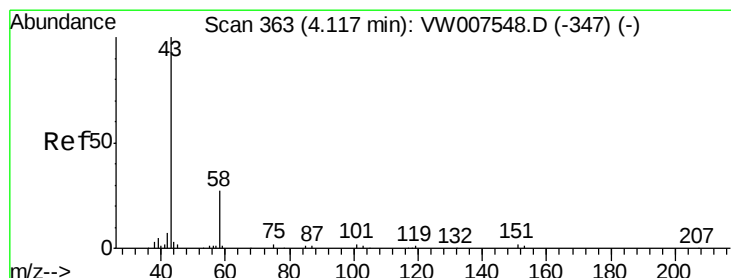
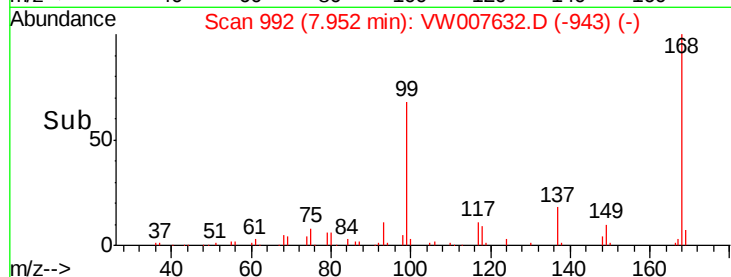
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 135.116 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007632.D

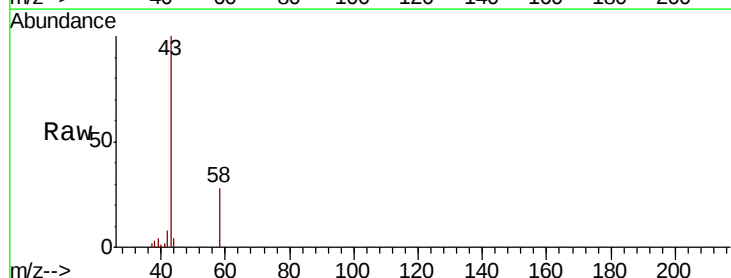
Acq: 17 Dec 2018 15:32

Tgt Ion: 43 Resp: 12813

Ion Ratio Lower Upper

43 100

58 28.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

5000

4000

3000

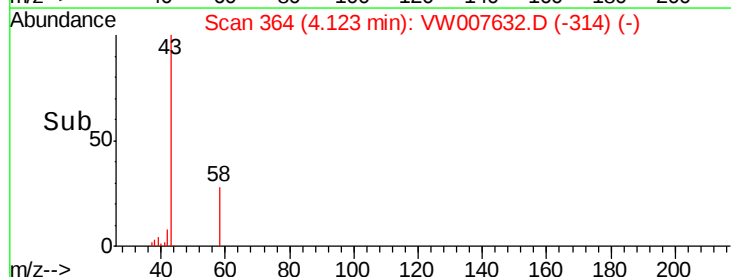
2000

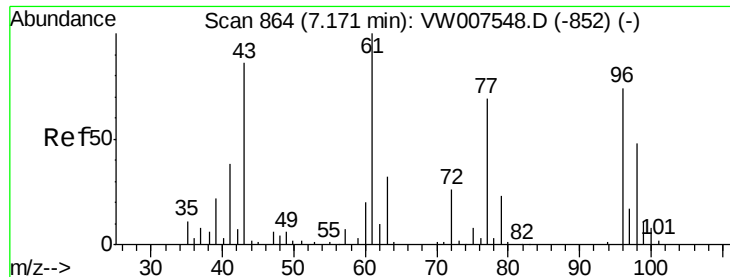
1000

0

Time-->

4.00 4.10 4.20

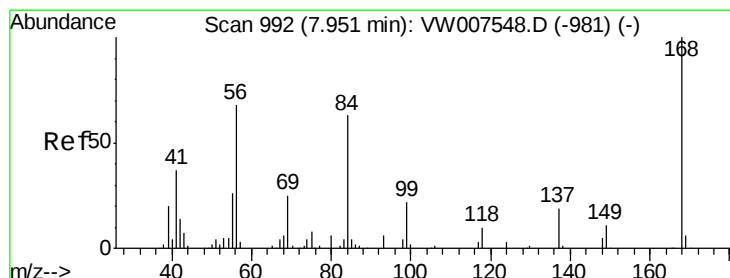
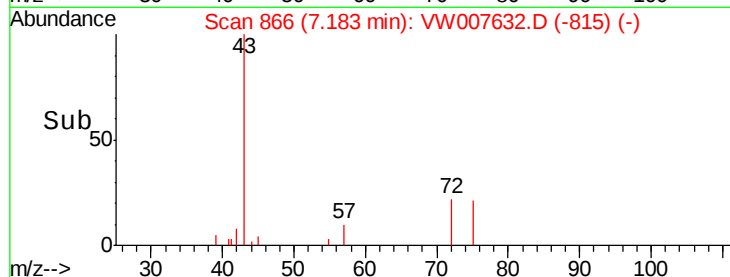
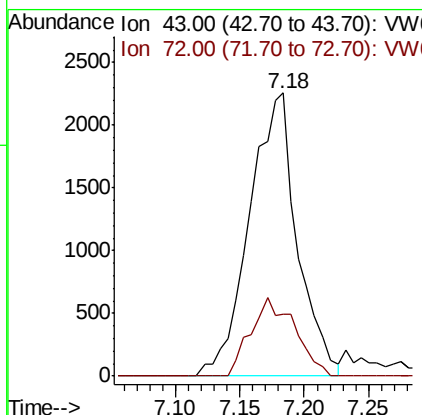
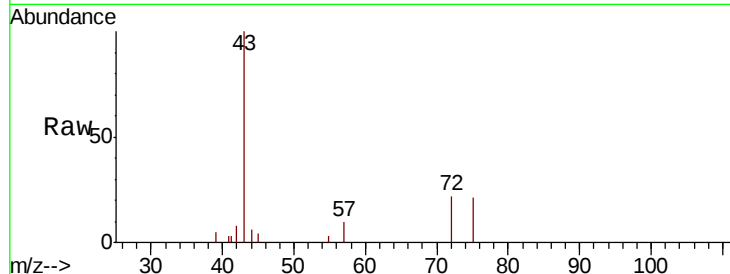




#25
2-Butanone
Concen: 46.955 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW007632.D
Acq: 17 Dec 2018 15:32

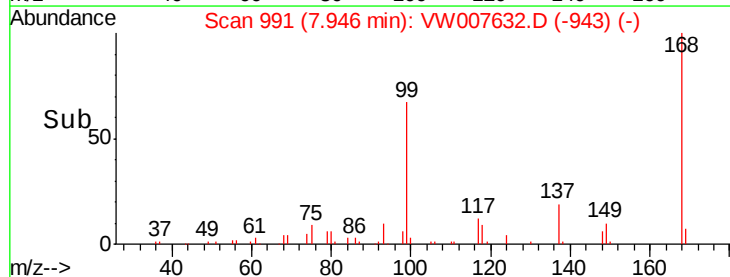
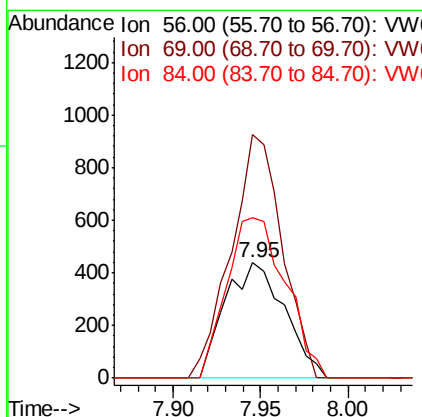
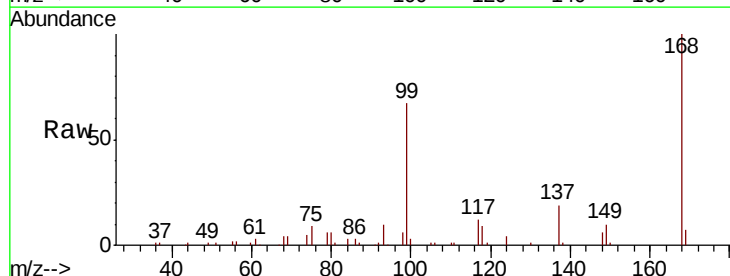
Instrument :
MSVOA_W
ClientSampled :

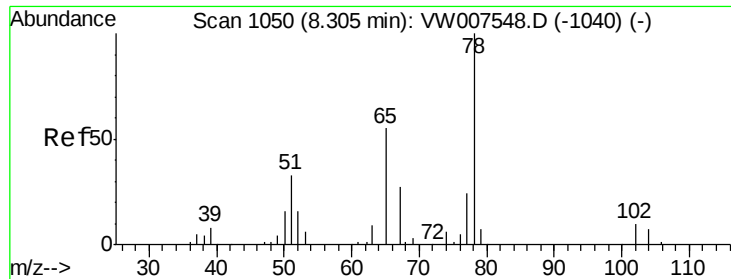
Tot Ion: 43 Resp: 5813
Ion Ratio Lower Upper
43 100
72 21.9 23.4 35.2#



#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007632.D
Acq: 17 Dec 2018 15:32

Tgt Ion: 56 Resp: 1035
Ion Ratio Lower Upper
56 100
69 211.4 28.9 43.3#
84 139.7 71.8 107.6#

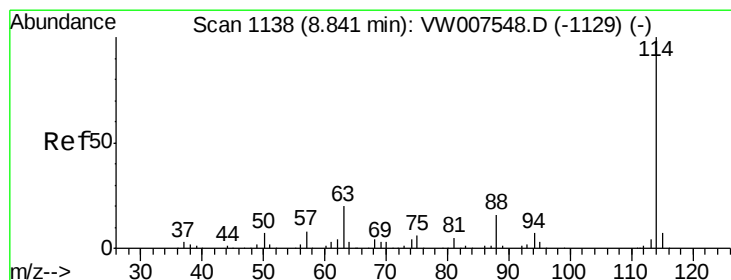
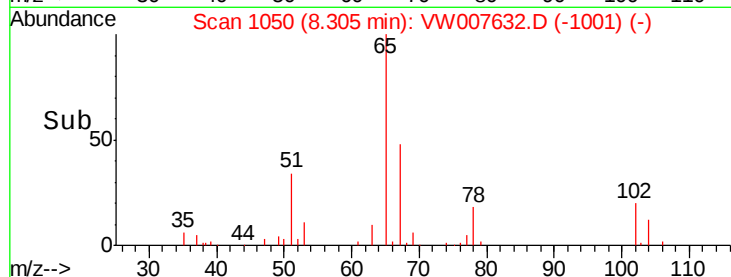
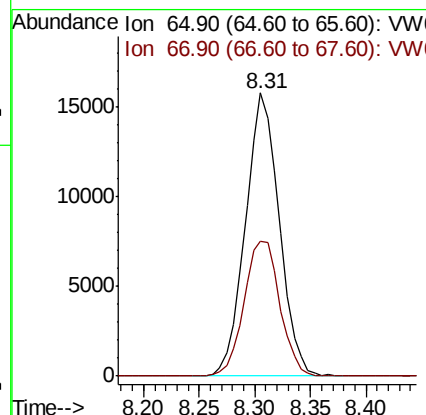
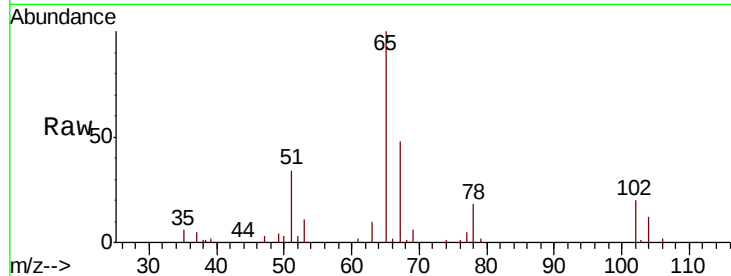




#33
 1,2-Dichloroethane-d4
 Concen: 61.460 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007632.D
 Acq: 17 Dec 2018 15:32

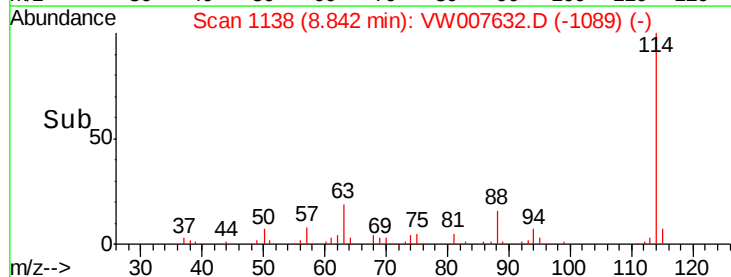
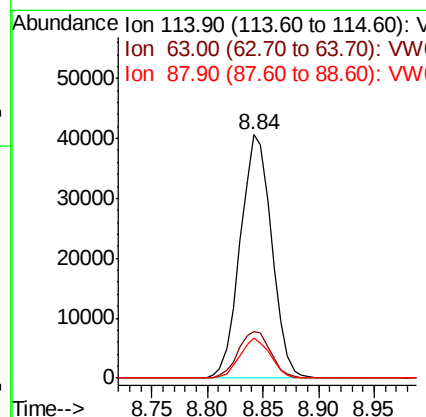
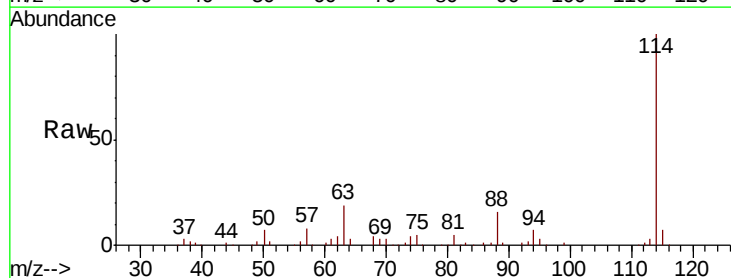
Instrument :
 MSVOA_W
 ClientSampleId :

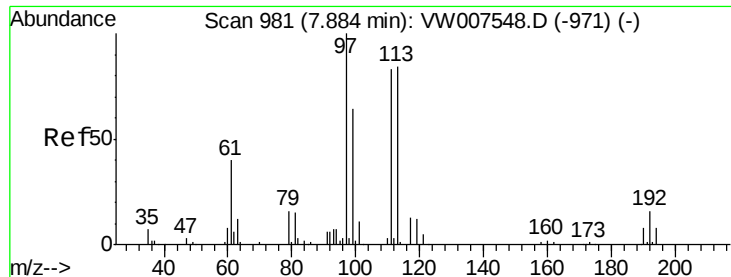
Tot Ion: 65 Resp: 33367
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007632.D
 Acq: 17 Dec 2018 15:32

Tgt Ion: 114 Resp: 79284
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 16.3 0.0 31.4

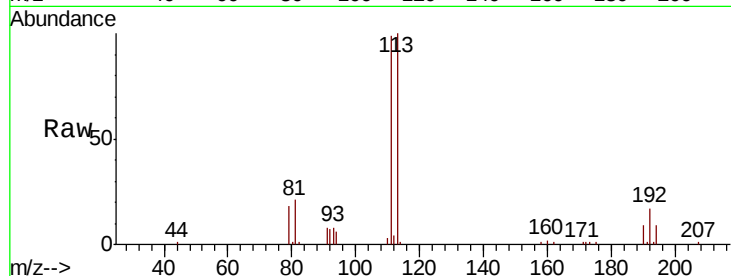




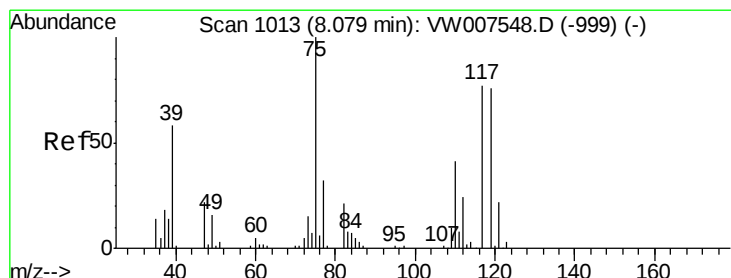
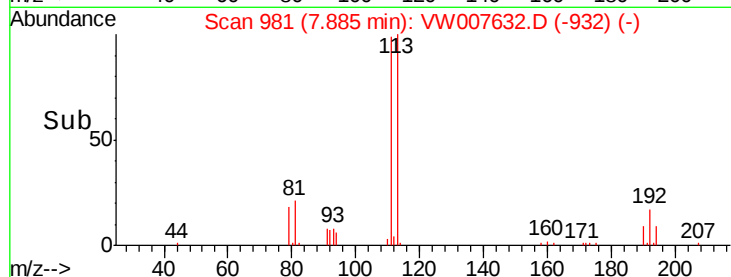
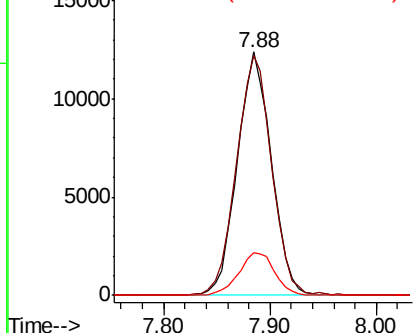
#35
 Dibromofluoromethane
 Concen: 57.891 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007632.D
 Acq: 17 Dec 2018 15:32

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 27784
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.1 121.7
 192 18.3 14.6 21.8

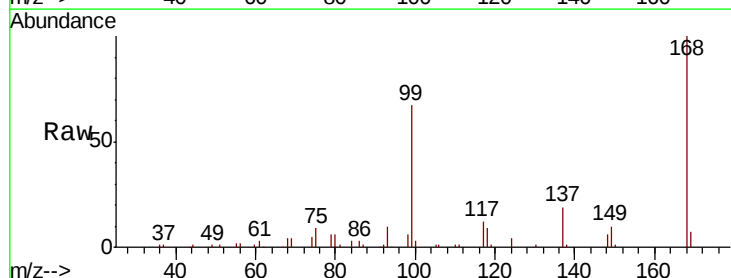


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

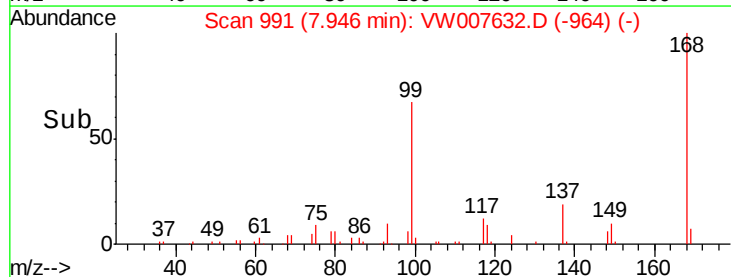
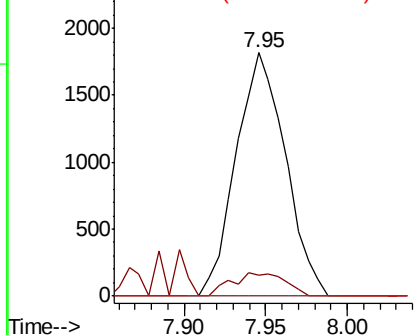


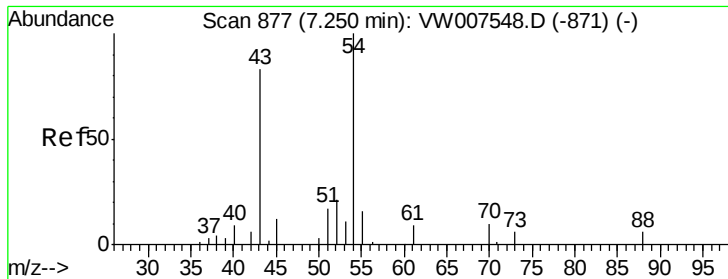
#36
 1,1-Dichloropropene
 Concen: 5.271 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007632.D
 Acq: 17 Dec 2018 15:32

Tgt Ion: 75 Resp: 3812
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.5 55.5#
 77 0.0 25.6 38.4#



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

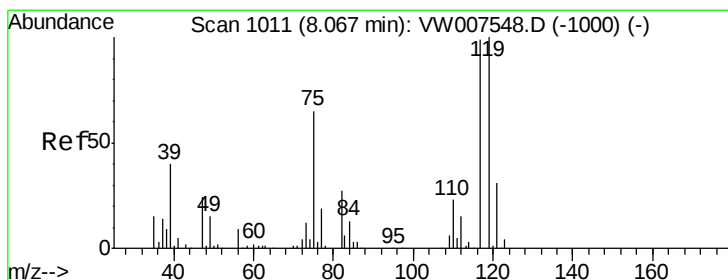
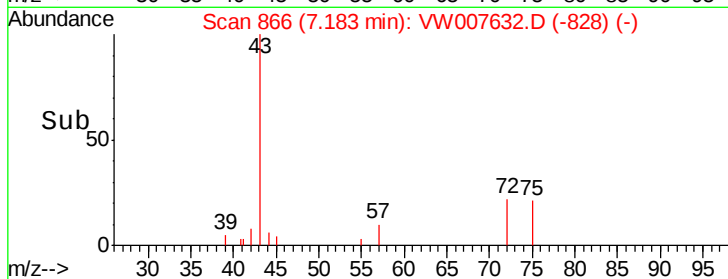
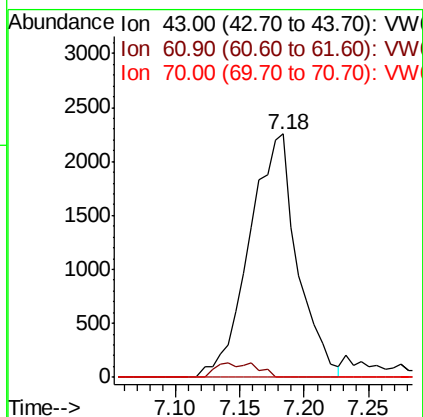
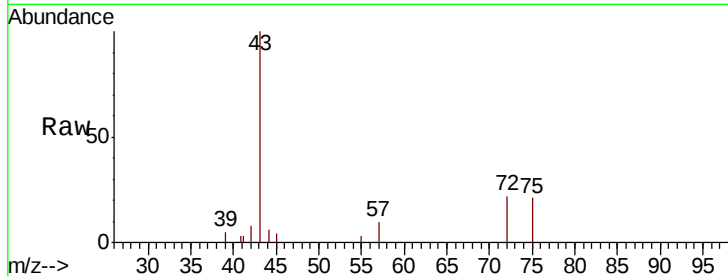




#37
Ethyl Acetate
Concen: 21.609 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.07 min
Lab File: VW007632.D
Acq: 17 Dec 2018 15:32

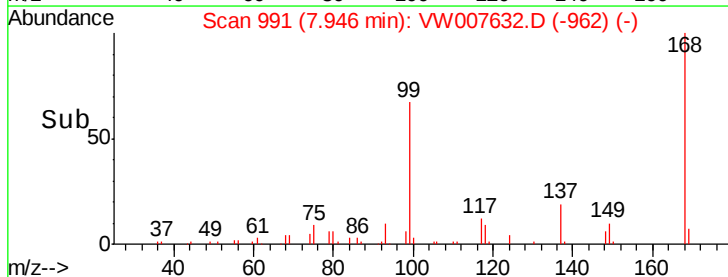
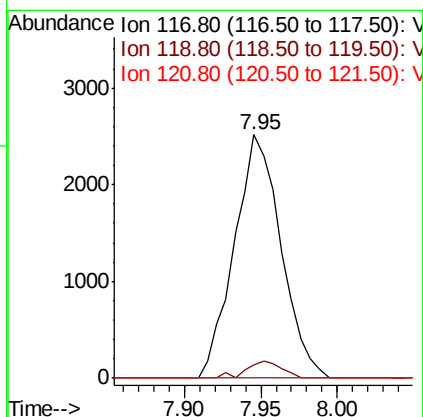
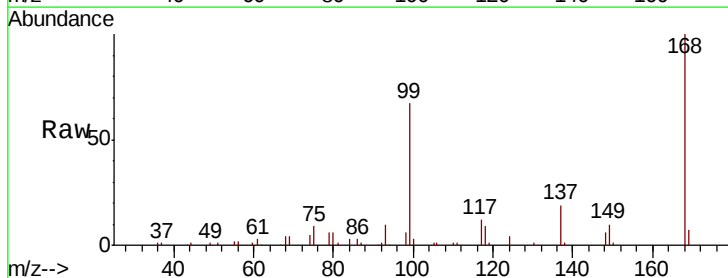
Instrument :
MSVOA_W
ClientSampleId :

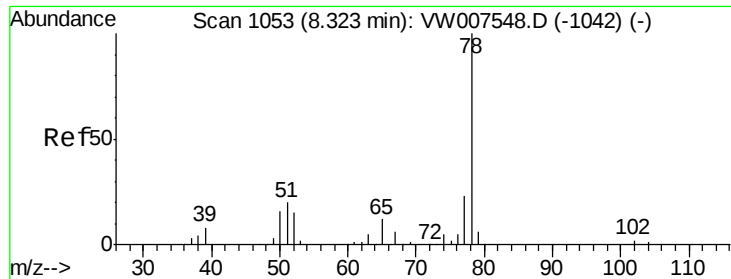
Tot Ion: 43 Resp: 5813
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 6.765 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007632.D
Acq: 17 Dec 2018 15:32

Tgt Ion: 117 Resp: 5324
Ion Ratio Lower Upper
117 100
119 5.4 74.3 111.5#
121 0.0 24.3 36.5#





#40

Benzene

Concen: 8.420 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW007632.D

Acq: 17 Dec 2018 15:32

Instrument :

MSVOA_W

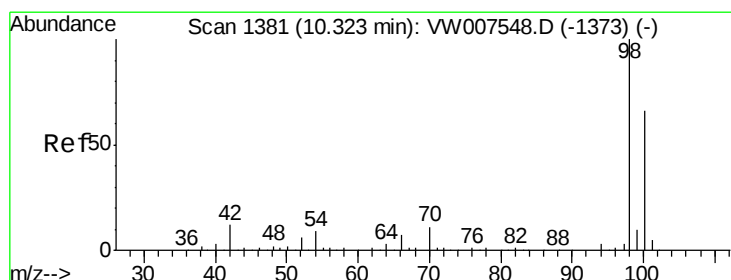
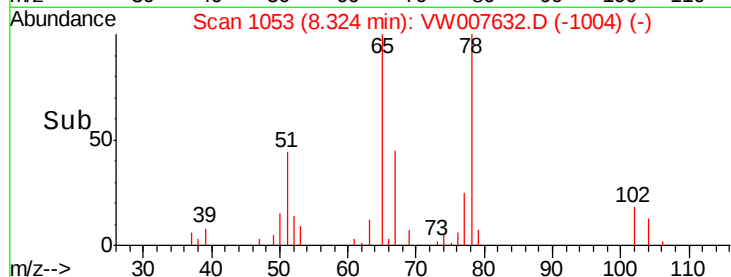
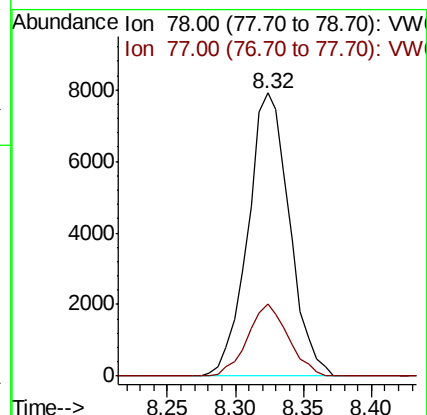
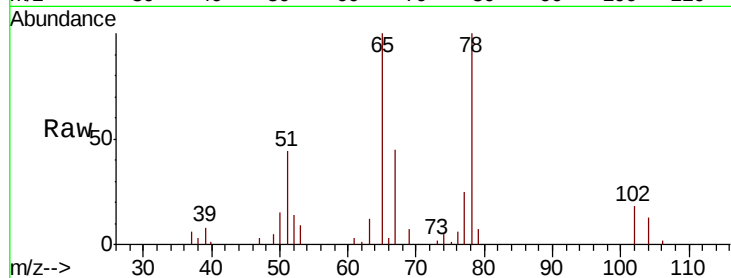
ClientSampled :

Tot Ion: 78 Resp: 16901

Ion Ratio Lower Upper

78 100

77 25.5 18.8 28.2



#50

Toluene-d8

Concen: 43.020 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007632.D

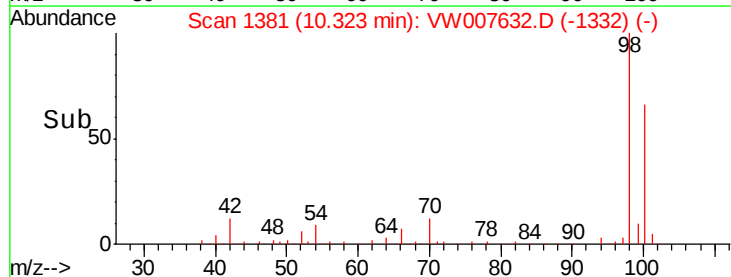
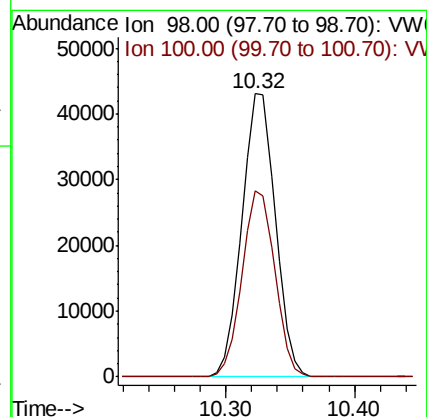
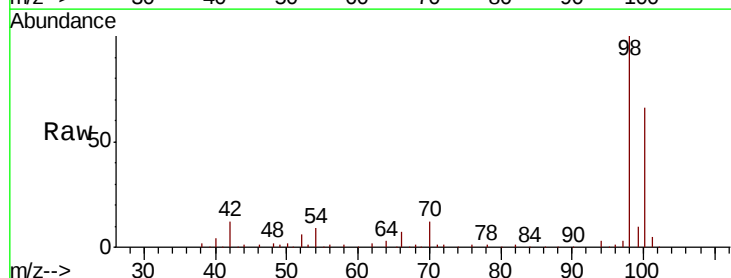
Acq: 17 Dec 2018 15:32

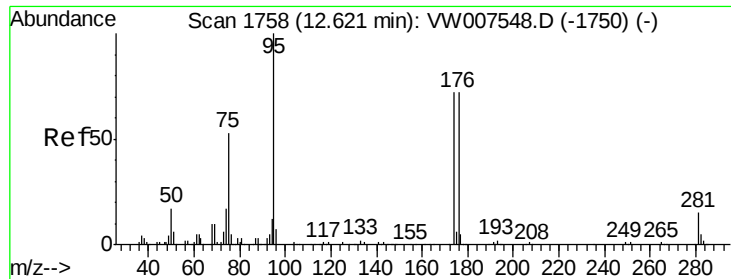
Tgt Ion: 98 Resp: 77414

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.8

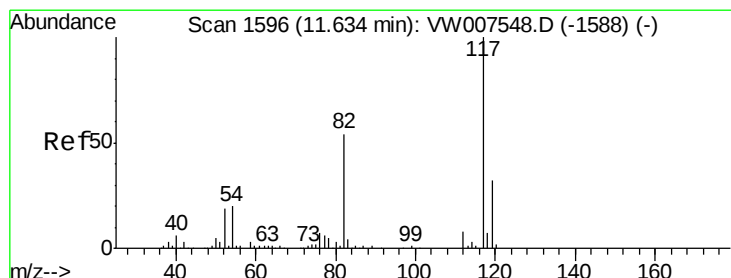
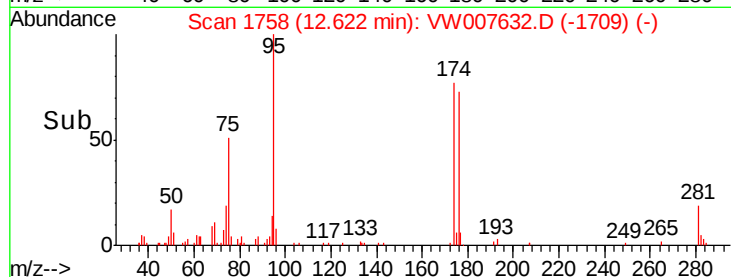
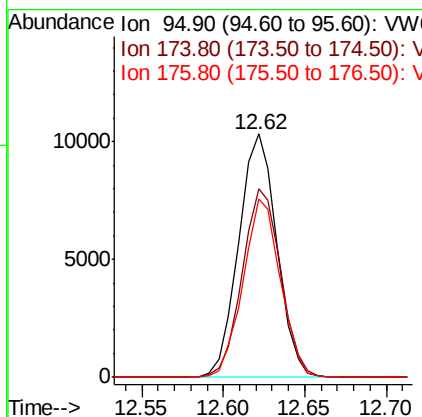
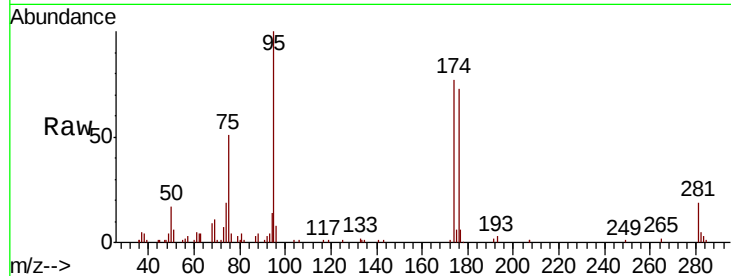




#62
4-Bromofluorobenzene
Concen: 25.360 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007632.D
Acq: 17 Dec 2018 15:32

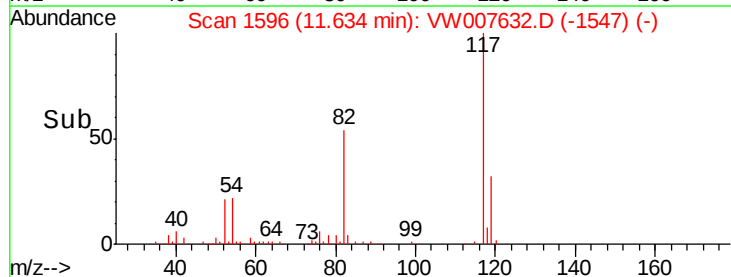
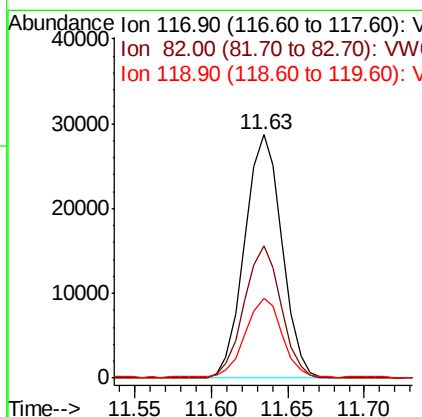
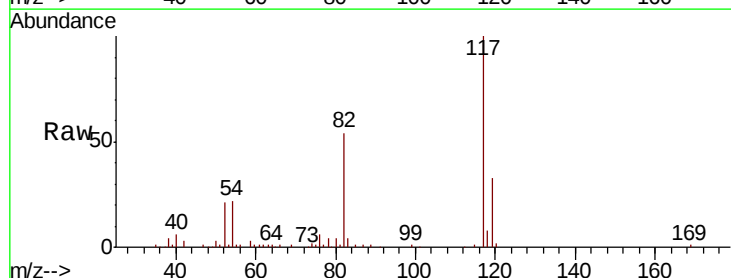
Instrument :
MSVOA_W
ClientSampled :

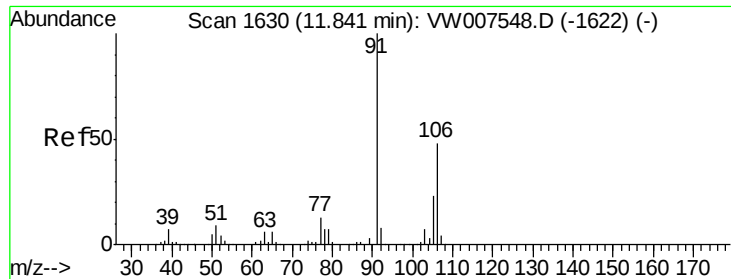
Tot Ion: 95 Resp: 16779
Ion Ratio Lower Upper
95 100
174 78.3 0.0 147.2
176 72.3 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007632.D
Acq: 17 Dec 2018 15:32

Tgt Ion: 117 Resp: 48618
Ion Ratio Lower Upper
117 100
82 54.2 42.3 63.5
119 32.6 23.0 34.6

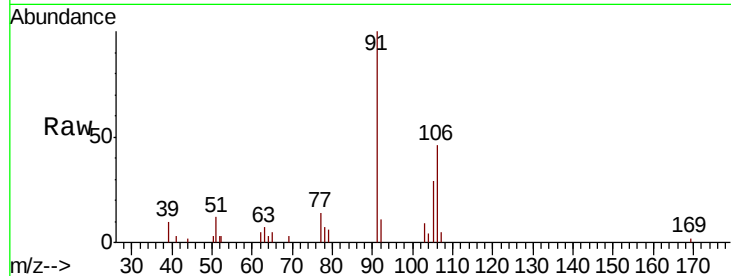




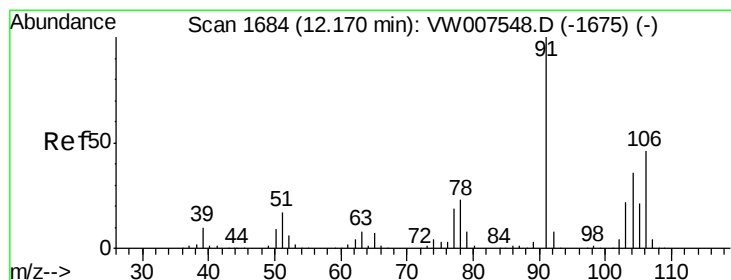
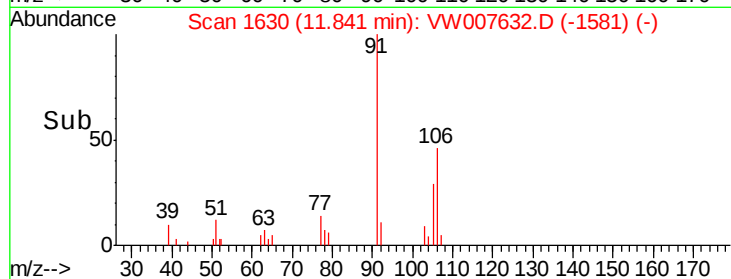
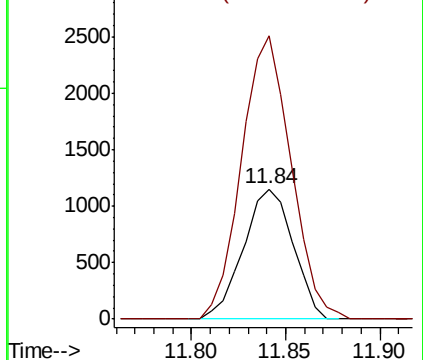
#68
m/p-Xylenes
Concen: 3.124 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007632.D
Acq: 17 Dec 2018 15:32

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 2116
Ion Ratio Lower Upper
106 100
91 215.4 165.3 247.9

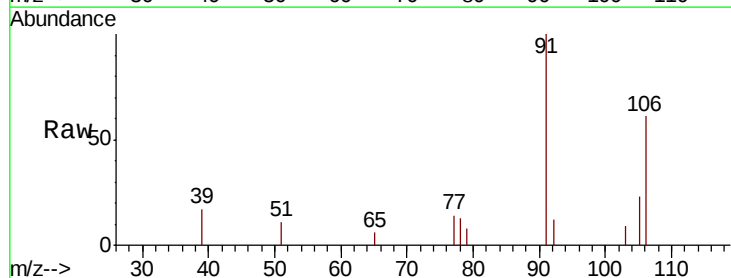


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

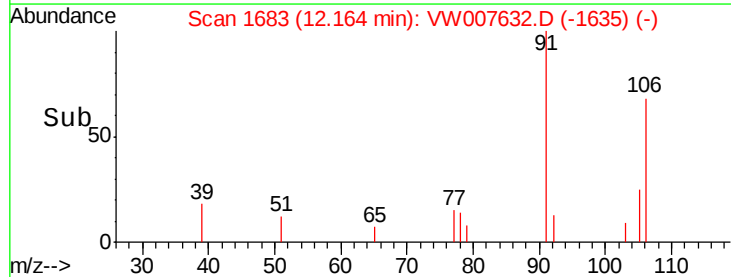
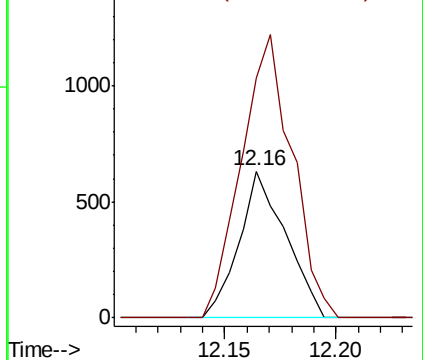


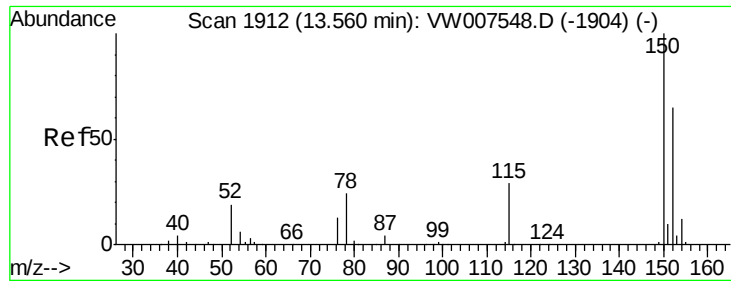
#69
o-Xylene
Concen: 1.454 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW007632.D
Acq: 17 Dec 2018 15:32

Tgt Ion:106 Resp: 920
Ion Ratio Lower Upper
106 100
91 210.2 106.6 319.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007632.D

Acq: 17 Dec 2018 15:32

Instrument :

MSVOA_W

ClientSampled :

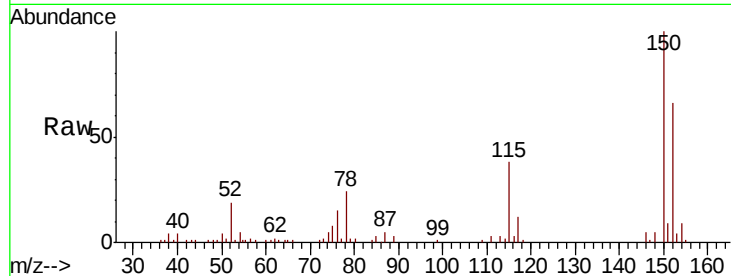
Tot Ion:152 Resp: 11391

Ion Ratio Lower Upper

152 100

115 62.5 31.4 94.2

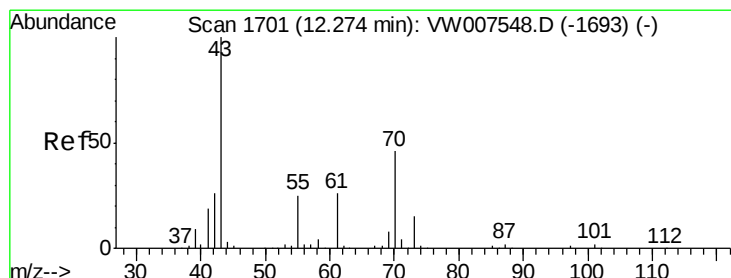
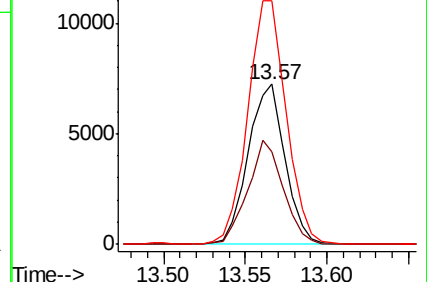
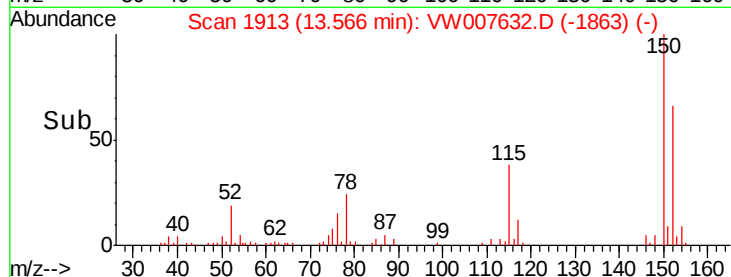
150 158.9 0.0 358.4



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



#74

N-ethyl acetate

Concen: 1.557 ug/l

RT: 12.24 min Scan# 1696

Delta R.T. -0.03 min

Lab File: VW007632.D

Acq: 17 Dec 2018 15:32

Tgt Ion: 43 Resp: 247

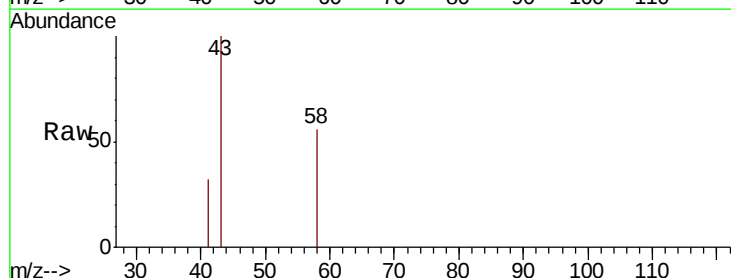
Ion Ratio Lower Upper

43 100

70 0.0 36.5 54.7#

55 0.0 20.1 30.1#

61 0.0 19.3 28.9#

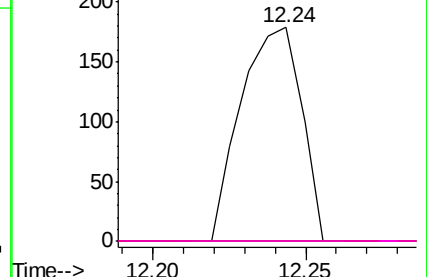
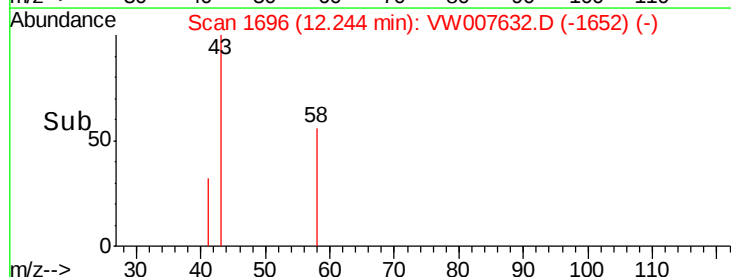


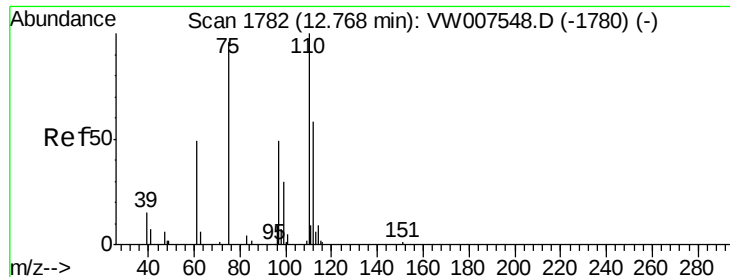
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#76

1,2,3-Trichloropropane

Concen: 92.353 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007632.D

Acq: 17 Dec 2018 15:32

Instrument :

MSVOA_W

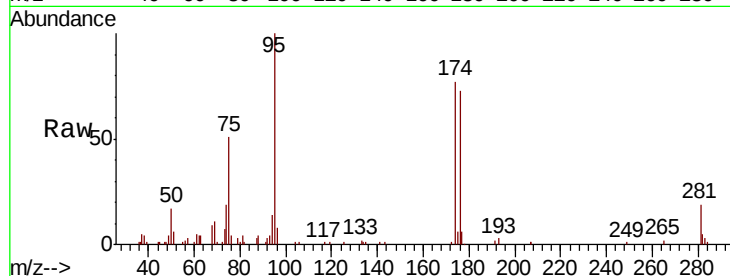
ClientSampleId :

Tot Ion: 75 Resp: 8674

Ion Ratio Lower Upper

75 100

77 0.3 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

6000

5000

4000

3000

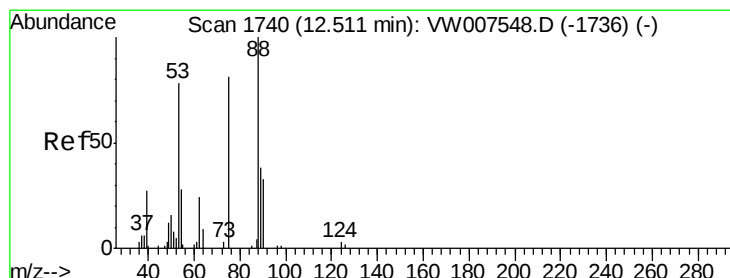
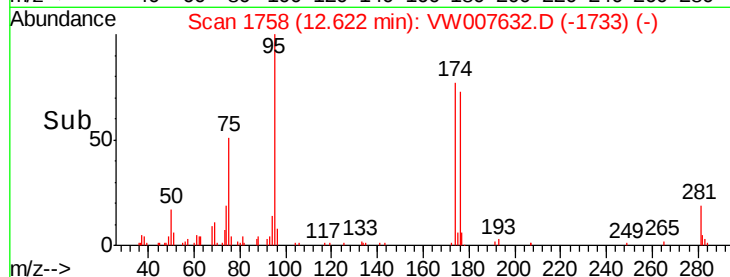
2000

1000

0

Time-->

12.55 12.60 12.65



#81

trans-1,4-Dichloro-2-butene

Concen: 204.009 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007632.D

Acq: 17 Dec 2018 15:32

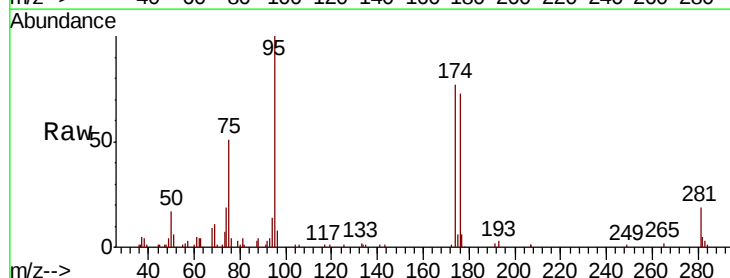
Tgt Ion: 75 Resp: 8674

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

6000

5000

4000

3000

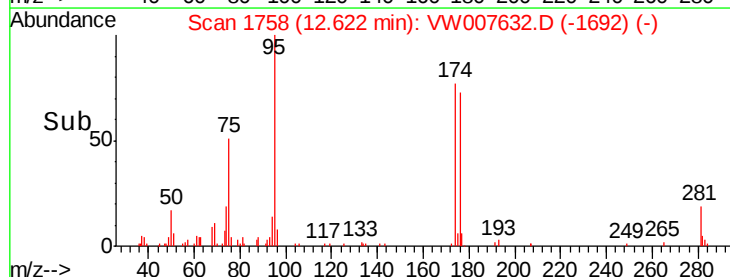
2000

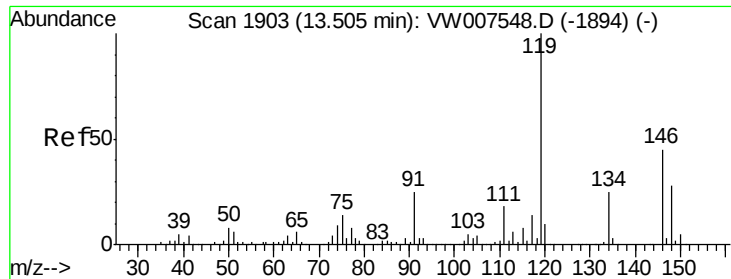
1000

0

Time-->

12.55 12.60 12.65





#87

1,3-Dichlorobenzene

Concen: 2.732 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW007632.D

Acq: 17 Dec 2018 15:32

Instrument :

MSVOA_W

ClientSampled :

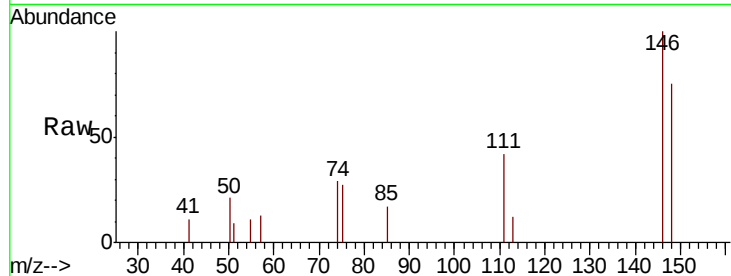
Tot Ion:146 Resp: 1054

Ion Ratio Lower Upper

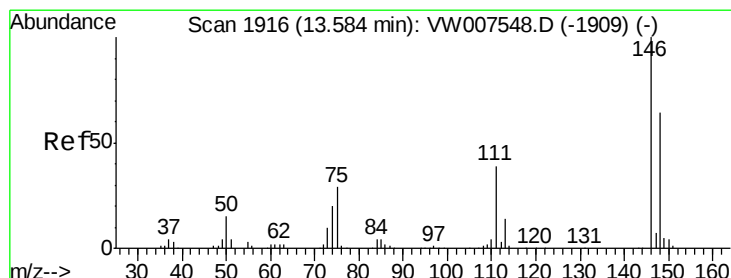
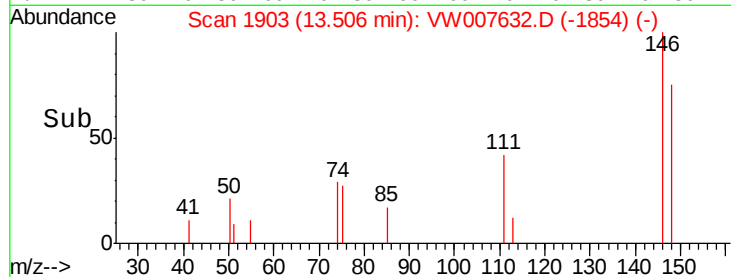
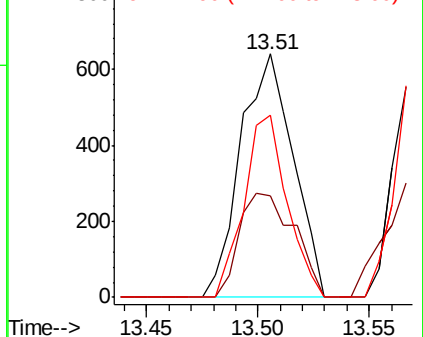
146 100

111 44.6 20.1 60.3

148 61.6 31.4 94.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 9.600 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW007632.D

Acq: 17 Dec 2018 15:32

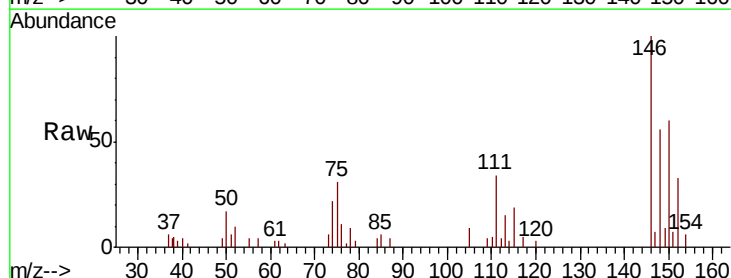
Tgt Ion:146 Resp: 3723

Ion Ratio Lower Upper

146 100

111 43.5 20.3 61.0

148 68.2 33.5 100.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

