

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007510.D
 Acq On : 14 Dec 2018 02:50
 Operator : SY/AP
 Sample : J6340-03RE
 Misc : 2.05G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03ARE

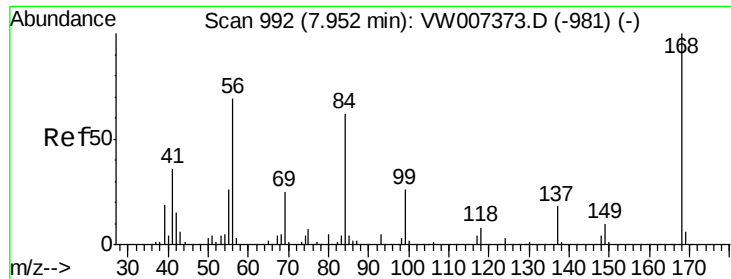
Quant Time: Dec 14 04:31:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	6669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	11383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	5562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	624	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	2228	30.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	60.22%	
35) Dibromofluoromethane	7.88	113	2084	30.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	60.48%	
50) Toluene-d8	10.32	98	4485	17.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	34.72%	
62) 4-Bromofluorobenzene	12.63	95	568	5.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	11.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	35	2.708	ug/l #	44
20) Methylene Chloride	4.92	84	721	6.819	ug/l	92
25) 2-Butanone	7.13	43	48	2.845	ug/l #	45
36) 1,1-Dichloropropene	7.95	75	586	5.643	ug/l #	40
37) Ethyl Acetate	7.13	43	48	1.243	ug/l #	66
38) Carbon Tetrachloride	7.95	117	773	6.842	ug/l #	13
76) 1,2,3-Trichloropropane	12.63	75	365	70.942	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	365	156.711	ug/l #	7

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007510.D

Acq: 14 Dec 2018 02:50

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MSVOA_W

ClientSampleId :

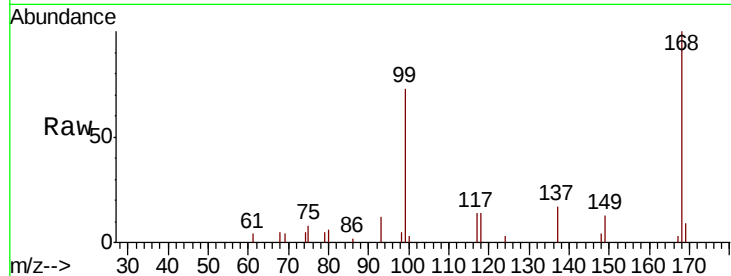
SB-03ARE

Tot Ion:168 Resp: 6669

Ion Ratio Lower Upper

168 100

99 72.6 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

3000

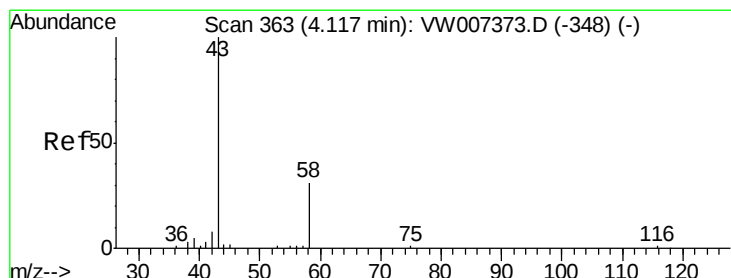
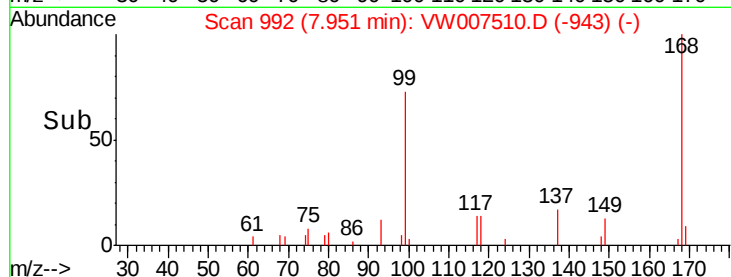
2000

1000

0

Time-->

7.85 7.90 7.95 8.00



#16

Acetone

Concen: 2.708 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW007510.D

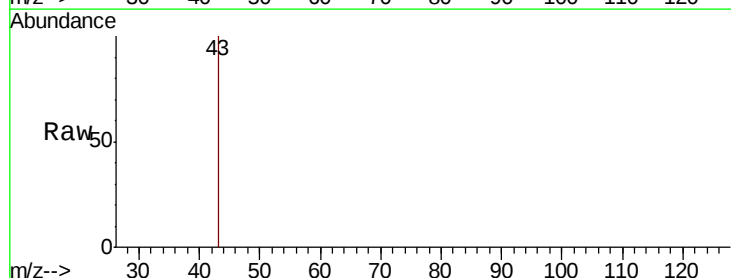
Acq: 14 Dec 2018 02:50

Tgt Ion: 43 Resp: 35

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

100

80

60

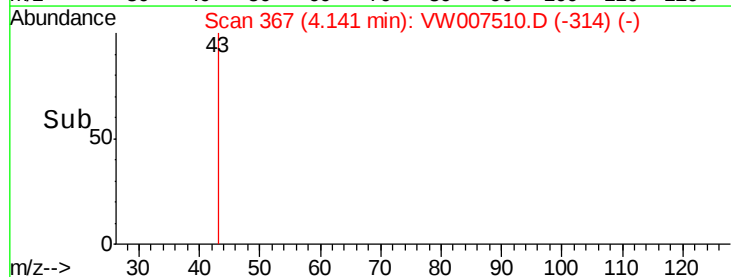
40

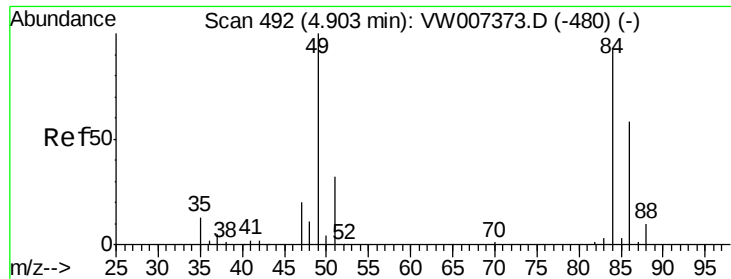
20

0

Time-->

4.12 4.13 4.14 4.15 4.16

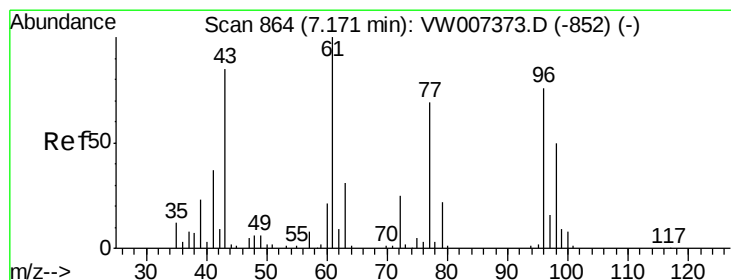
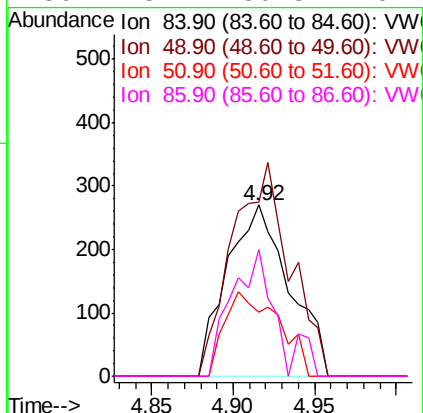
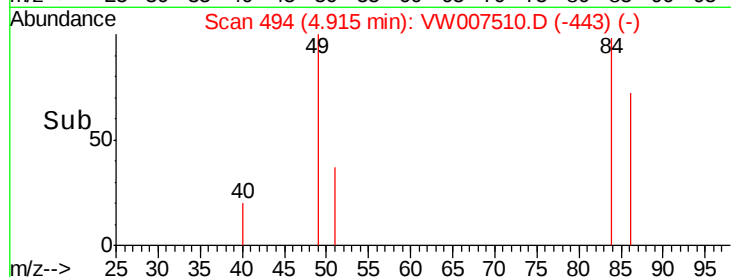
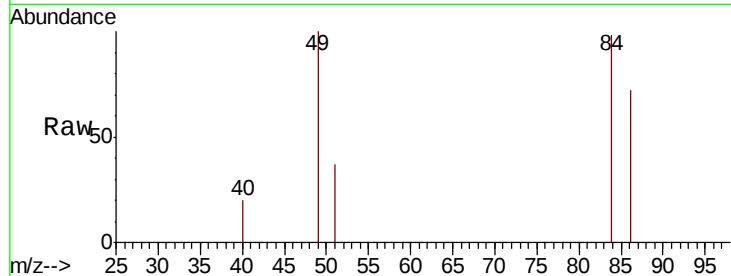




#20
Methvlene Chloride
Concen: 6.819 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007510.D
Acq: 14 Dec 2018 02:50

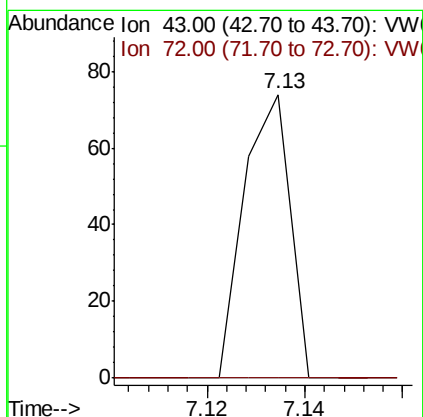
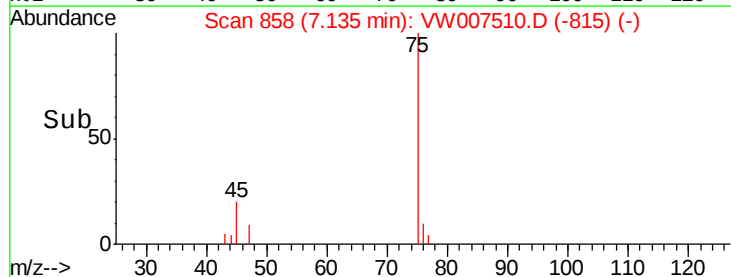
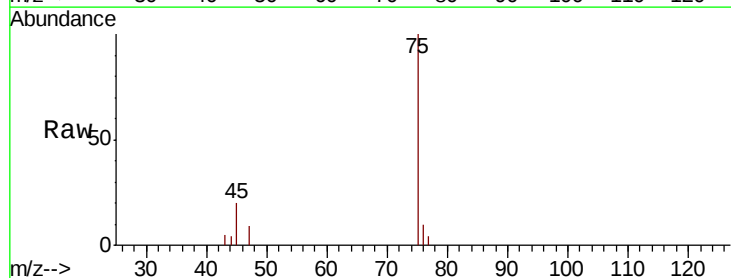
Instrument :
MSVOA_W
ClientSampleId :
SB-03ARE

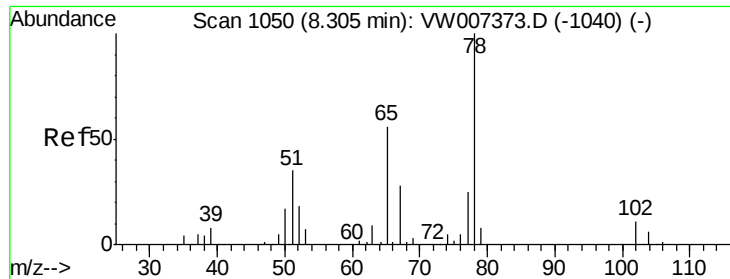
Tot Ion:	84	Resp:	721
Ion	Ratio	Lower	Upper
84	100		
49	101.9	87.1	130.7
51	37.4	28.2	42.2
86	73.7	50.8	76.2



#25
2-Butanone
Concen: 2.845 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW007510.D
Acq: 14 Dec 2018 02:50

Tgt Ion:	43	Resp:	48
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.4	35.2#

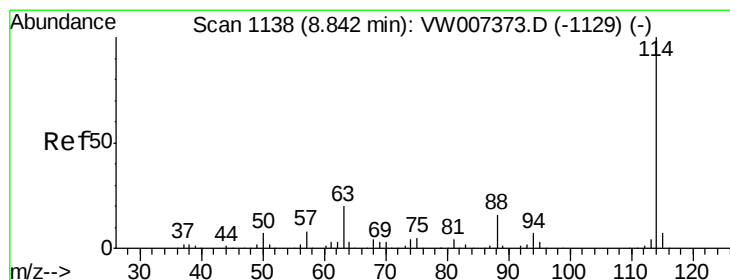
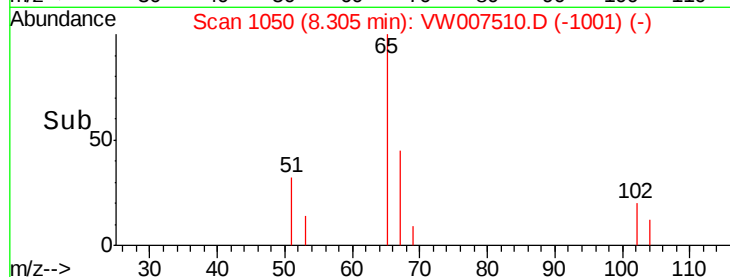
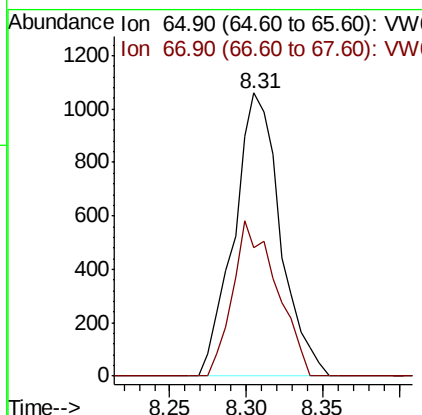
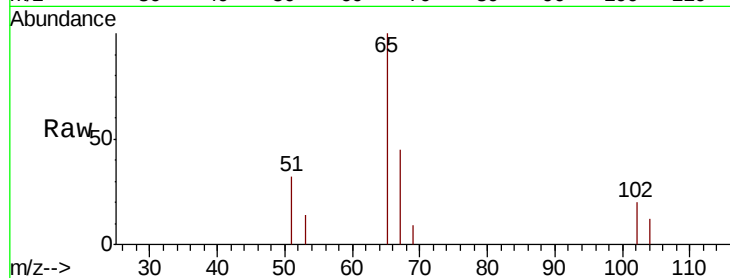




#33
 1,2-Dichloroethane-d4
 Concen: 30.113 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007510.D
 Acq: 14 Dec 2018 02:50

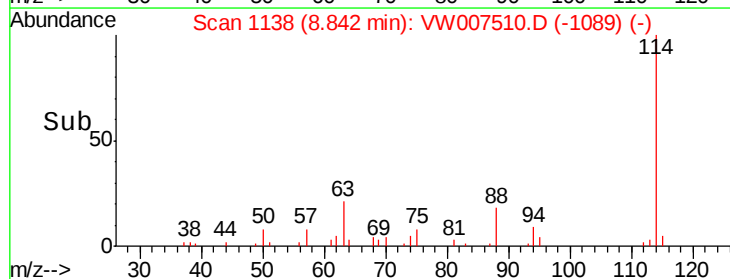
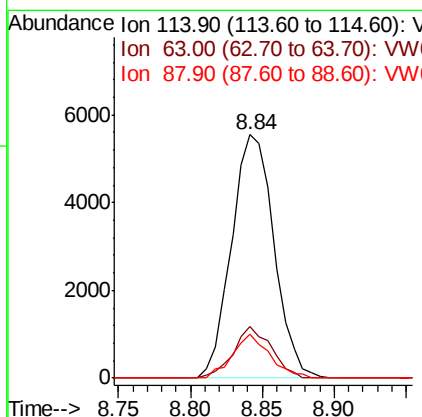
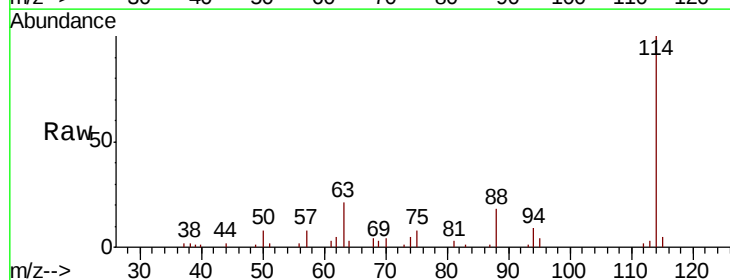
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03ARE

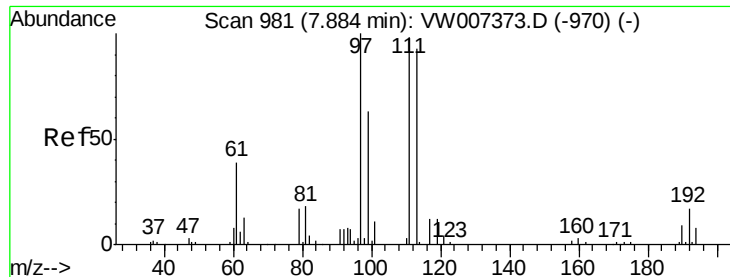
Tot Ion: 65 Resp: 2228
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007510.D
 Acq: 14 Dec 2018 02:50

Tgt Ion: 114 Resp: 11383
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.6
 88 17.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 30.244 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW007510.D

Acq: 14 Dec 2018 02:50

Instrument :

MSVOA_W

ClientSampleId :

SB-03ARE

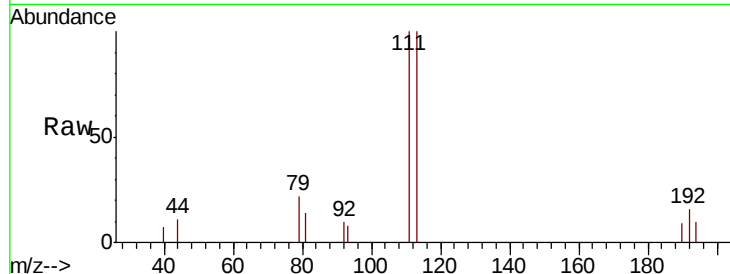
Tot Ion:113 Resp: 2084

Ion Ratio Lower Upper

113 100

111 93.2 81.1 121.7

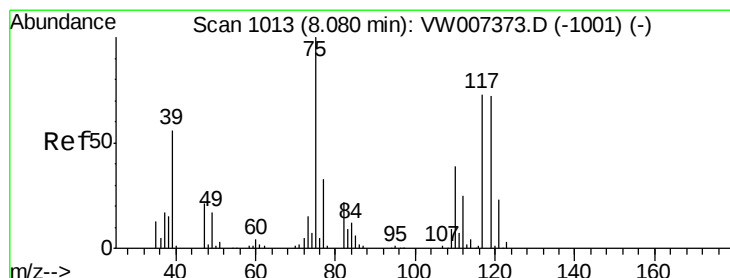
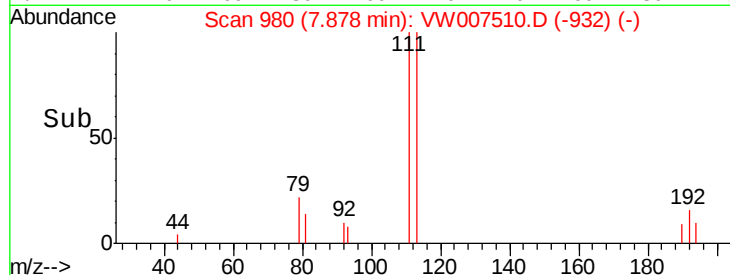
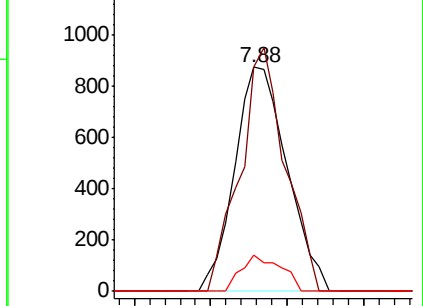
192 12.3 14.6 21.8#



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: 5.643 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007510.D

Acq: 14 Dec 2018 02:50

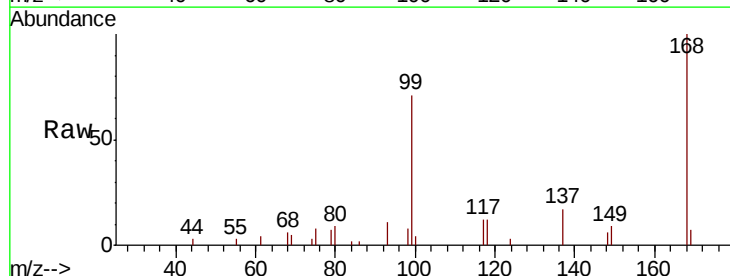
Tgt Ion: 75 Resp: 586

Ion Ratio Lower Upper

75 100

110 0.0 18.5 55.5#

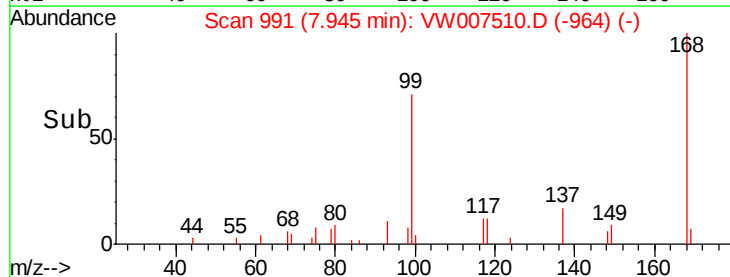
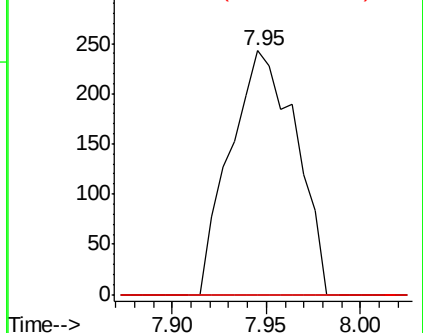
77 0.0 25.6 38.4#

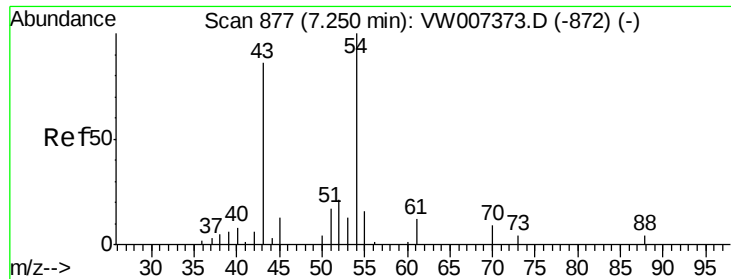


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

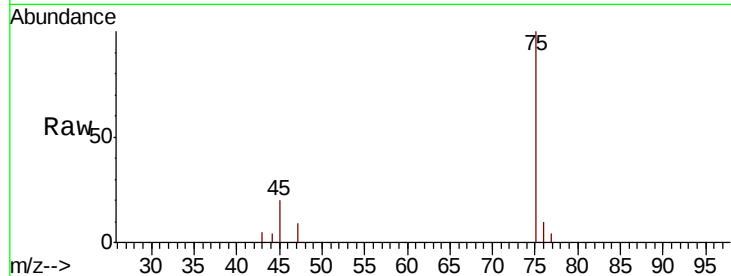




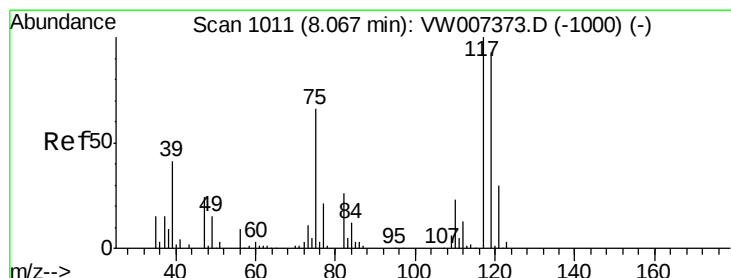
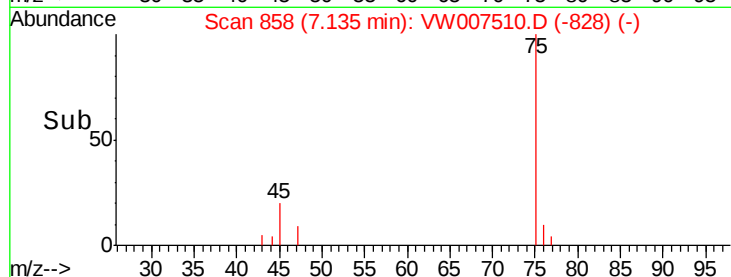
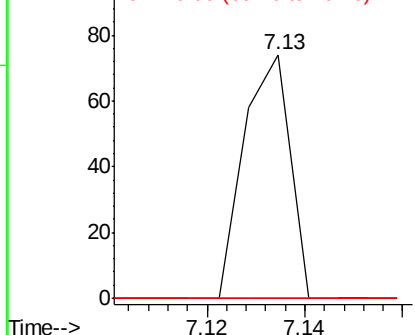
#37
Ethyl Acetate
Concen: 1.243 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.12 min
Lab File: VW007510.D
Acq: 14 Dec 2018 02:50

Instrument :
MSVOA_W
ClientSampleId :
SB-03ARE

Tot Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 10.0 15.0#

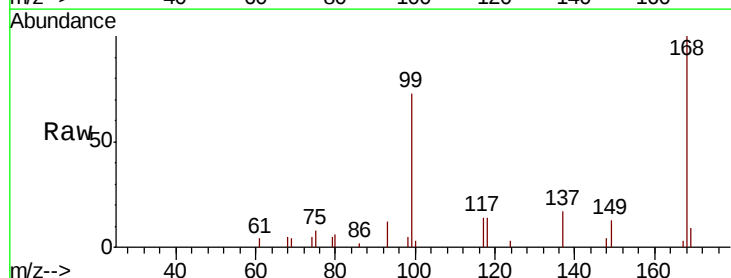


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

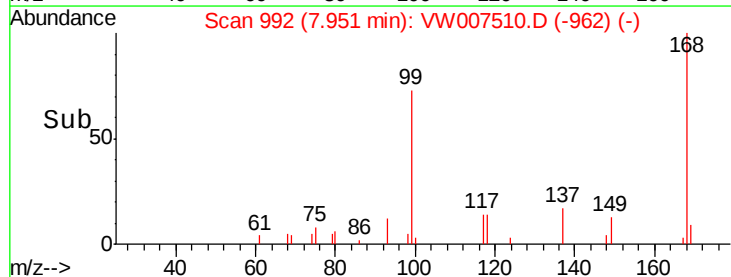
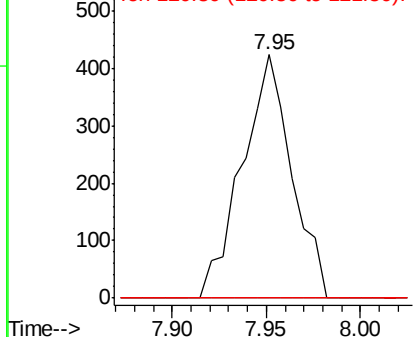


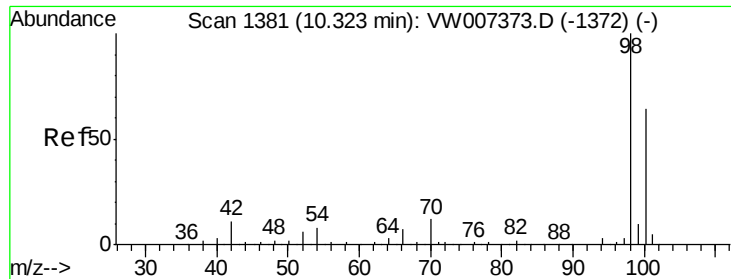
#38
Carbon Tetrachloride
Concen: 6.842 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007510.D
Acq: 14 Dec 2018 02:50

Tgt Ion: 117 Resp: 773
Ion Ratio Lower Upper
117 100
119 0.0 74.3 111.5#
121 0.0 24.3 36.5#



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

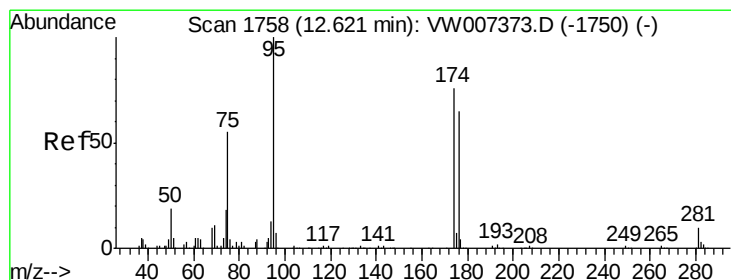
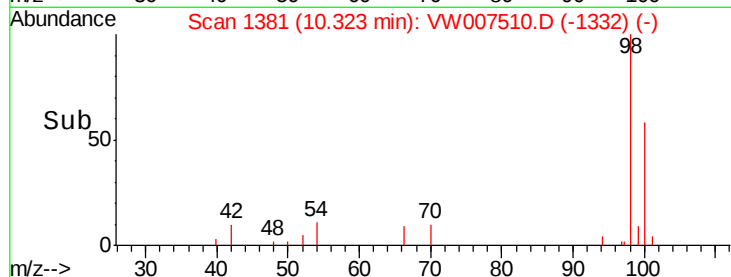
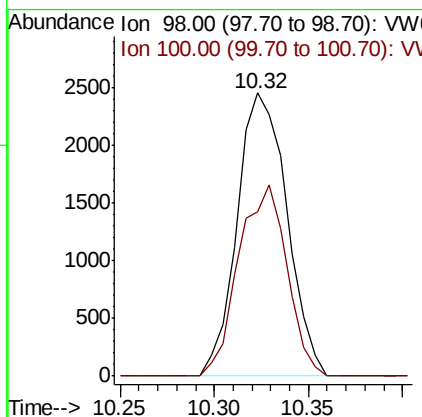
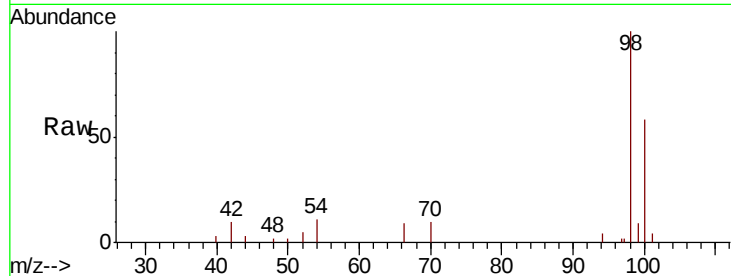




#50
Toluene-d8
Concen: 17.360 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007510.D
Acq: 14 Dec 2018 02:50

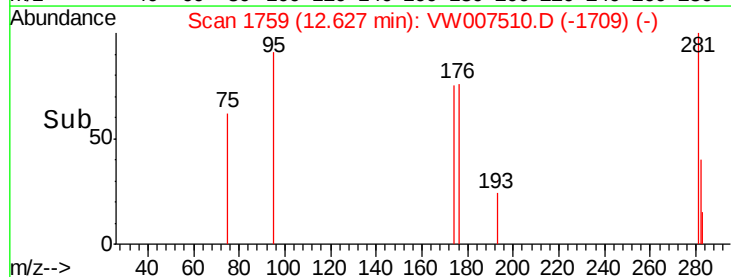
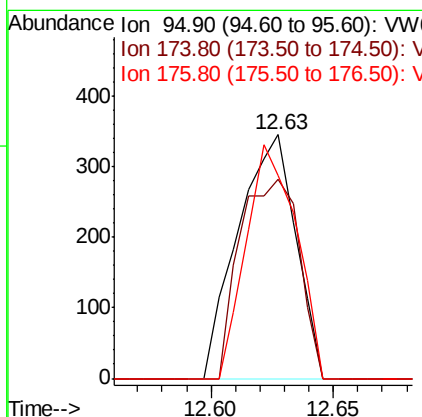
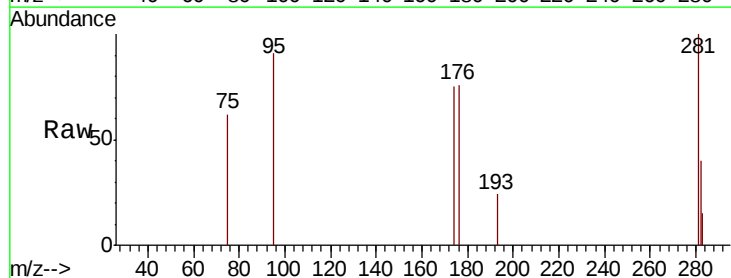
Instrument :
MSVOA_W
ClientSampled :
SB-03ARE

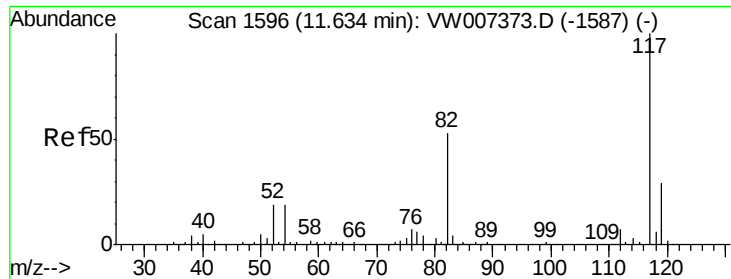
Tot Ion: 98 Resp: 4485
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 5.979 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW007510.D
Acq: 14 Dec 2018 02:50

Tgt Ion: 95 Resp: 568
Ion Ratio Lower Upper
95 100
174 84.2 0.0 147.2
176 83.5 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: VW007510.D

Acq: 14 Dec 2018 02:50

Instrument :

MSVOA_W

ClientSampleId :

SB-03ARE

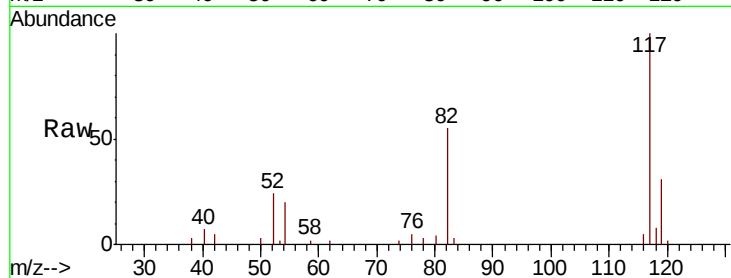
Tot Ion:117 Resp: 5562

Ion Ratio Lower Upper

117 100

82 54.8 42.3 63.5

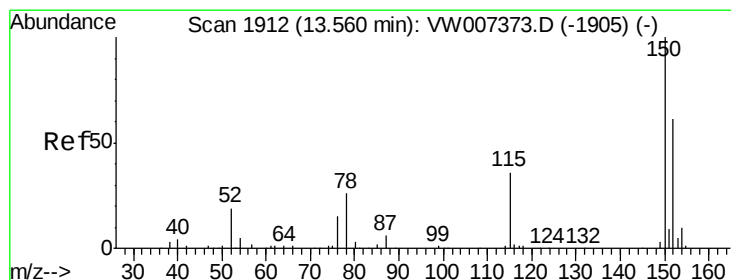
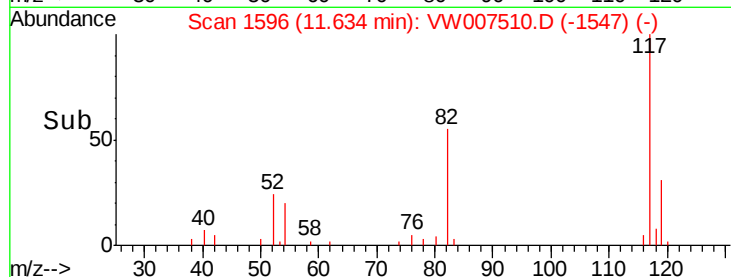
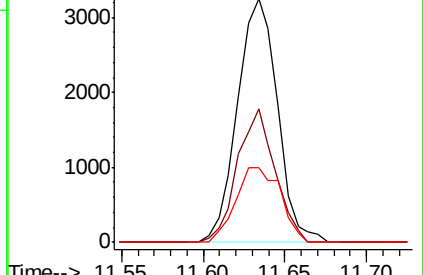
119 30.9 23.0 34.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW007510.D

Acq: 14 Dec 2018 02:50

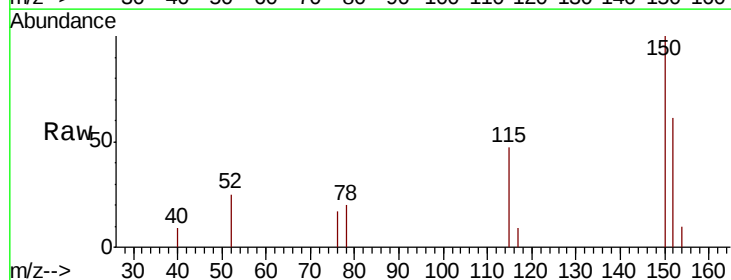
Tgt Ion:152 Resp: 624

Ion Ratio Lower Upper

152 100

115 71.6 31.4 94.2

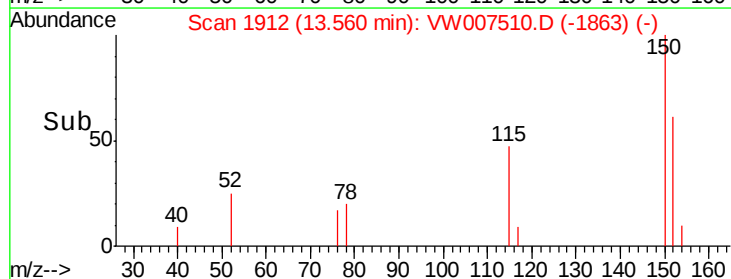
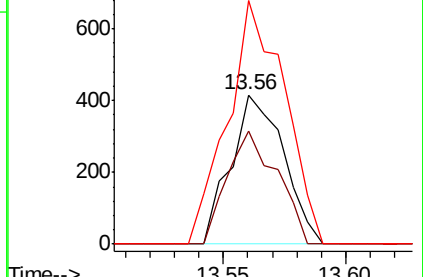
150 176.3 0.0 358.4

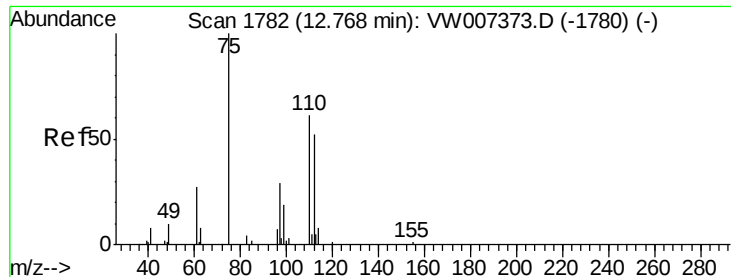


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 70.942 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.14 min

Lab File: VW007510.D

Acq: 14 Dec 2018 02:50

Instrument :

MSVOA_W

ClientSampleId :

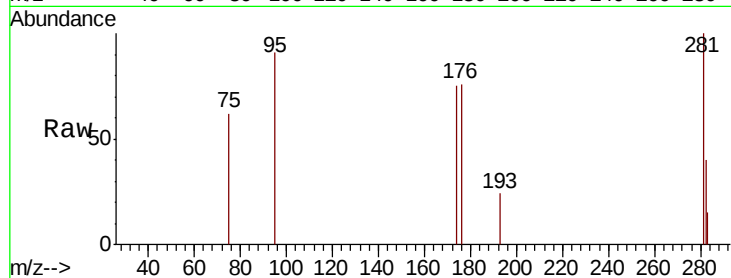
SB-03ARE

Tot Ion: 75 Resp: 365

Ion Ratio Lower Upper

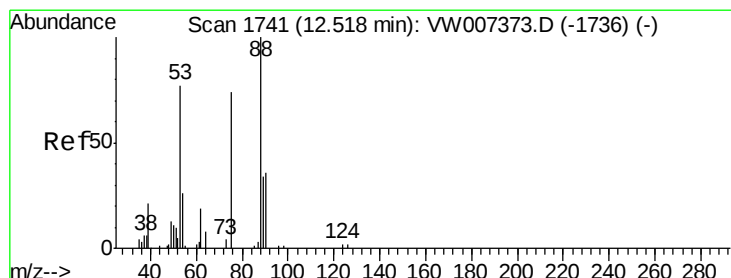
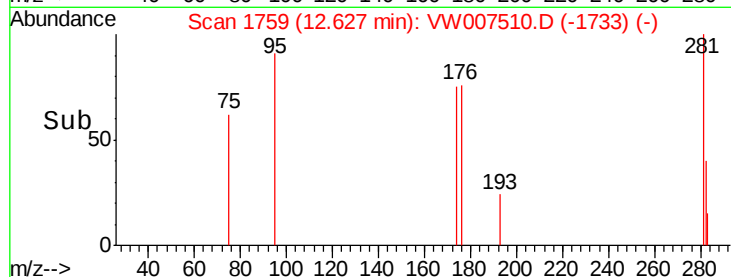
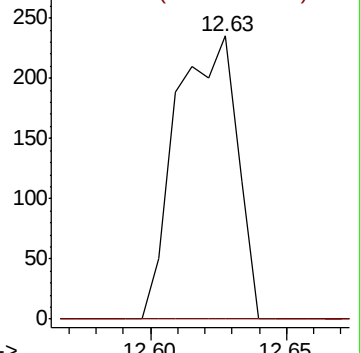
75 100

77 0.0 166.9 500.8#



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: 156.711 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW007510.D

Acq: 14 Dec 2018 02:50

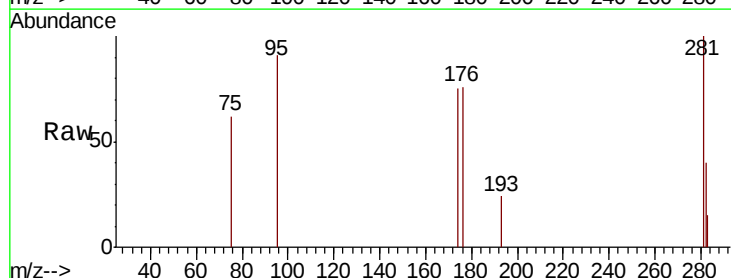
Tgt Ion: 75 Resp: 365

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

