

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003725.D
 Acq On : 05 Jul 2018 17:01
 Operator : SY/AP
 Sample : J3859-02
 Misc : 10.81G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 06 02:36:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	152630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	258921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	239891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	105523	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	106452	58.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.00%	
35) Dibromofluoromethane	7.88	113	90256	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
50) Toluene-d8	10.33	98	277117	41.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.60%	
62) 4-Bromofluorobenzene	12.63	95	95183	39.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.94%	

Target Compounds

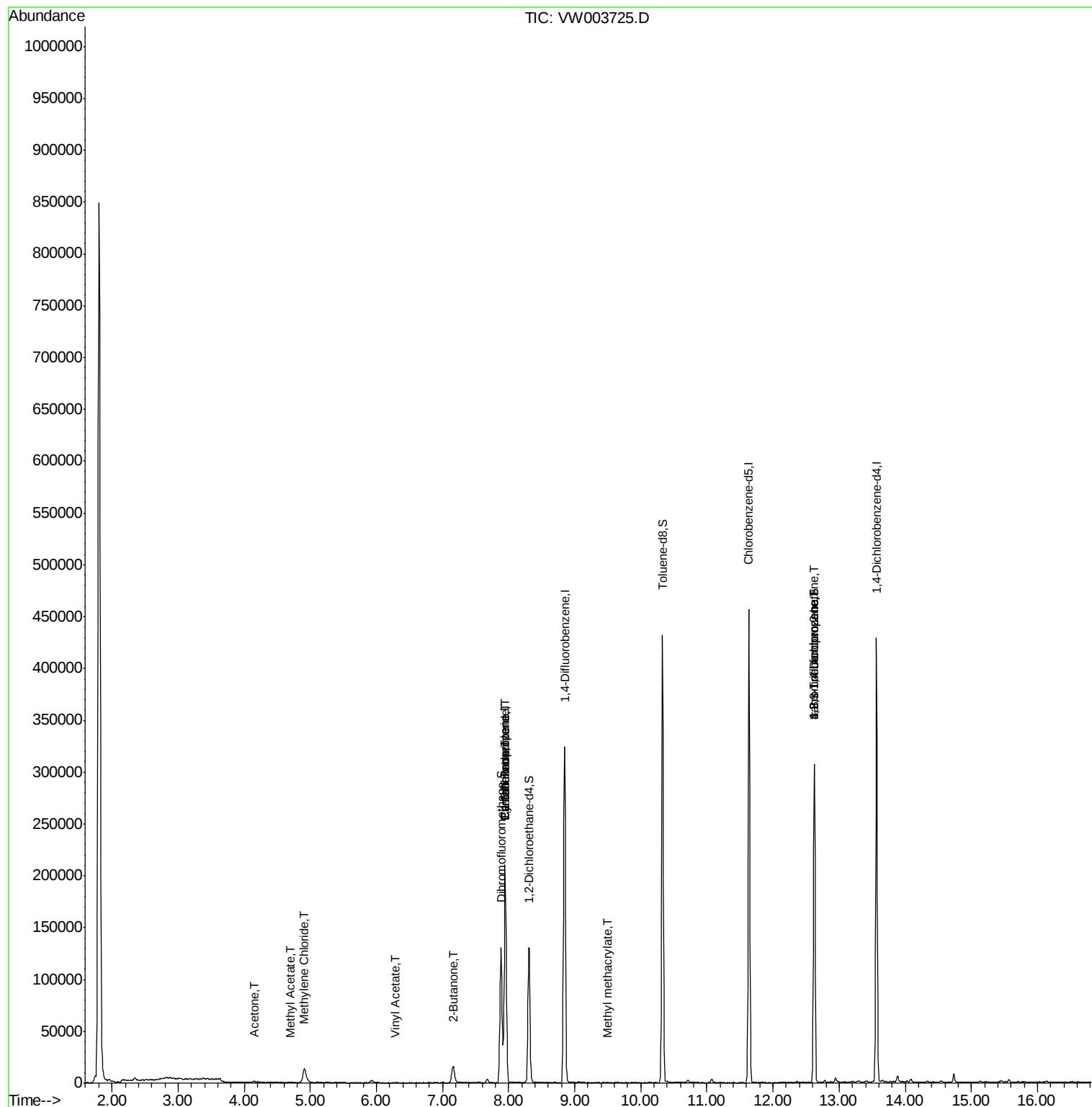
					Qvalue	
16) Acetone	4.15	43	1921	4.423	ug/l	90
18) Methyl Acetate	4.70	43	378	1.122	ug/l #	53
20) Methylene Chloride	4.91	84	11753	3.993	ug/l	96
23) Vinyl Acetate	6.29	43	100	13.891	ug/l #	74
25) 2-Butanone	7.17	43	1179	2.120	ug/l #	50
31) Cyclohexane	7.95	56	4023	1.446	ug/l #	32
36) 1,1-Dichloropropene	7.95	75	13024	5.011	ug/l #	51
38) Carbon Tetrachloride	7.95	117	15601	6.310	ug/l #	18
48) Methyl methacrylate	9.49	41	86	3.428	ug/l #	42
76) 1,2,3-Trichloropropane	12.62	75	51065	53.821	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	51065	114.042	ug/l #	9

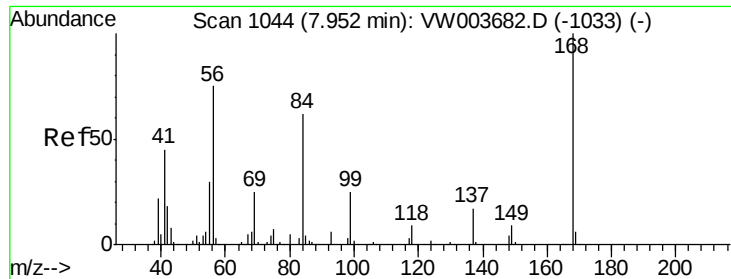
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070518\
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ClientSampleId :

Quant Time: Jul 06 02:36:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 03 08:55:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003725.D

Acq: 05 Jul 2018 17:01

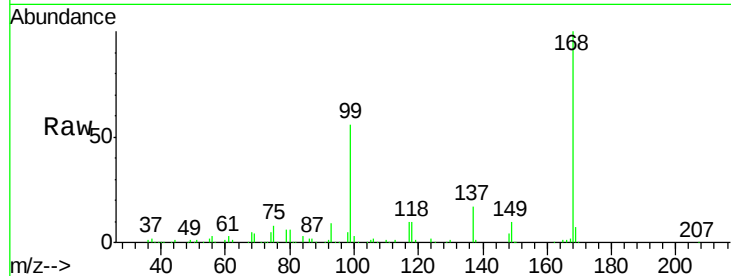
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 152630

Ion Ratio Lower Upper

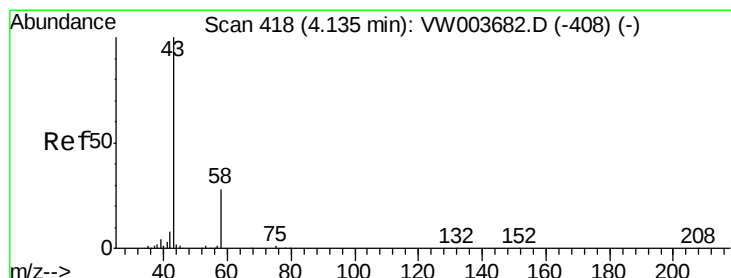
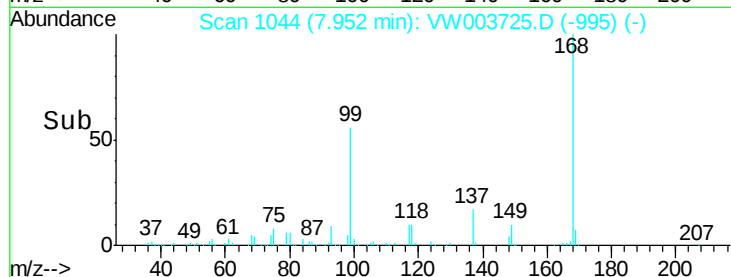
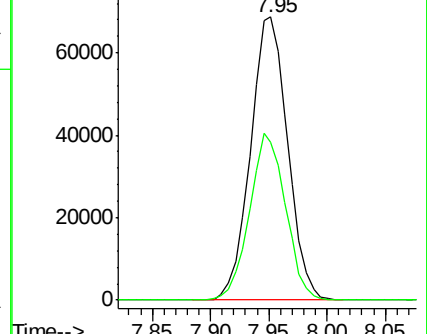
168 100

99 55.7 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 4.423 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.02 min

Lab File: VW003725.D

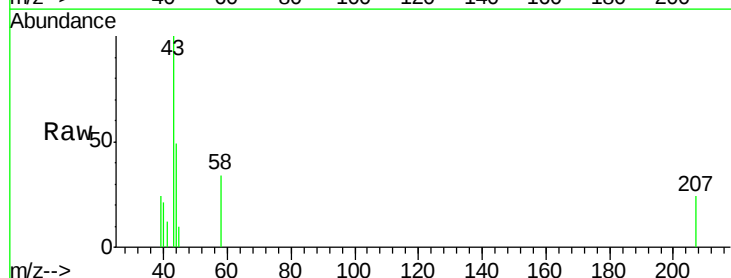
Acq: 05 Jul 2018 17:01

Tgt Ion: 43 Resp: 1921

Ion Ratio Lower Upper

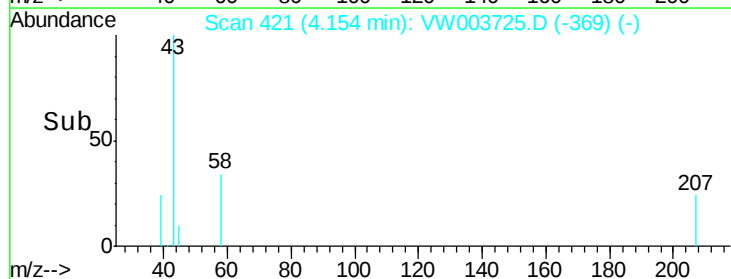
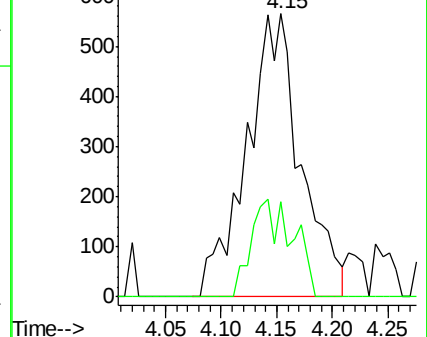
43 100

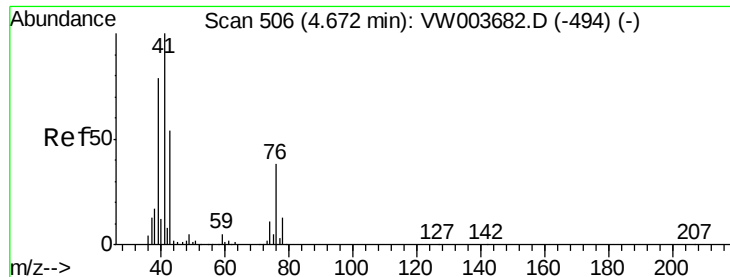
58 33.8 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

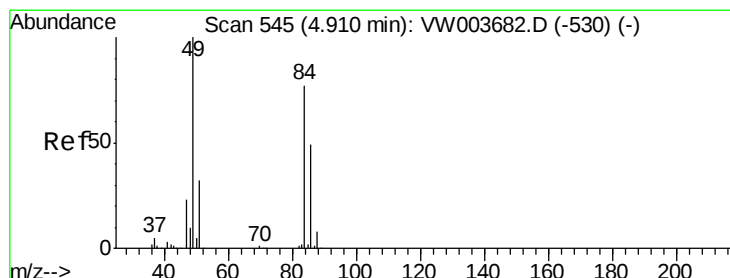
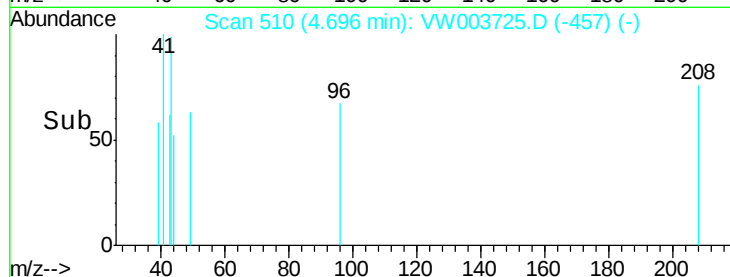
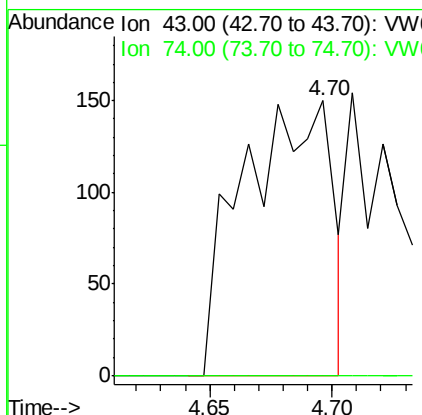
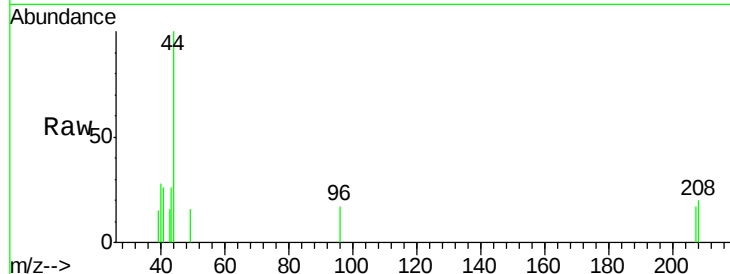




#18
Methyl Acetate
Concen: 1.122 ug/l
RT: 4.70 min Scan# 510
Delta R.T. 0.03 min
Lab File: VW003725.D
Acq: 05 Jul 2018 17:01

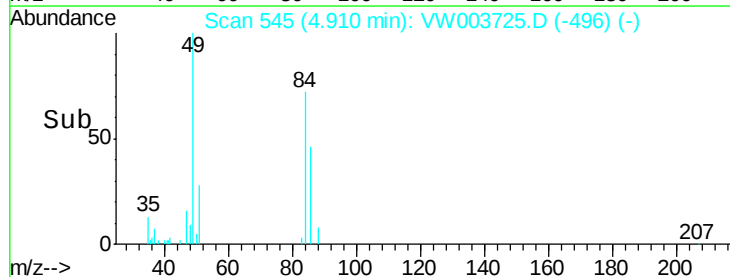
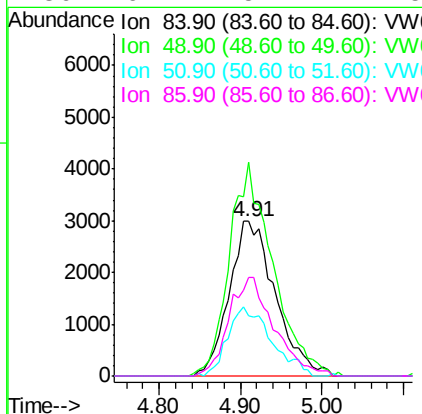
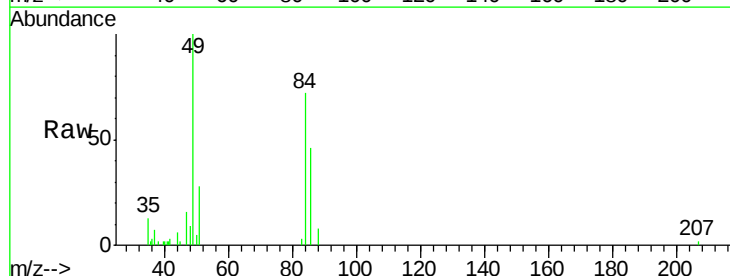
Instrument :
MSVOA_W
ClientSampled :

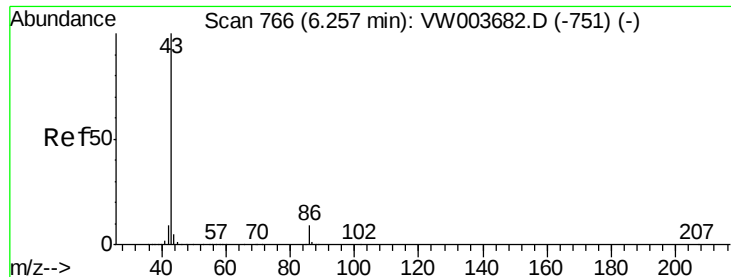
Tot Ion: 43 Resp: 378
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#



#20
Methylene Chloride
Concen: 3.993 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003725.D
Acq: 05 Jul 2018 17:01

Tgt Ion: 84 Resp: 11753
Ion Ratio Lower Upper
84 100
49 138.2 104.6 156.8
51 38.8 33.2 49.8
86 64.1 51.7 77.5





#23

Vinyl Acetate

Concen: 13.891 ug/l

RT: 6.29 min Scan# 771

Delta R.T. 0.03 min

Lab File: VW003725.D

Acq: 05 Jul 2018 17:01

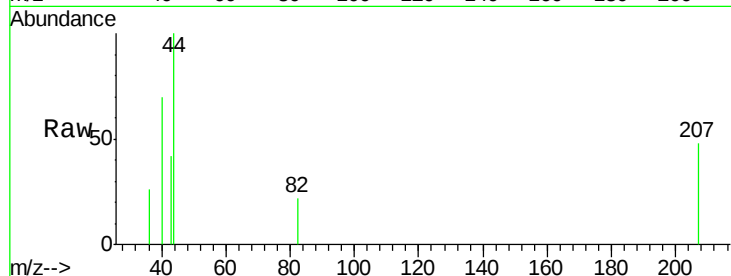
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 100

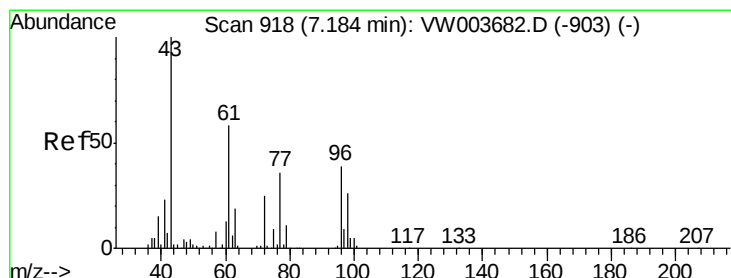
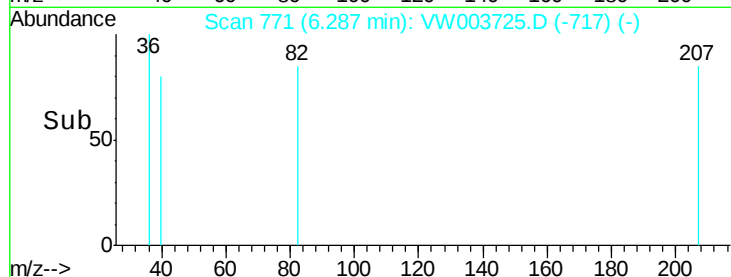
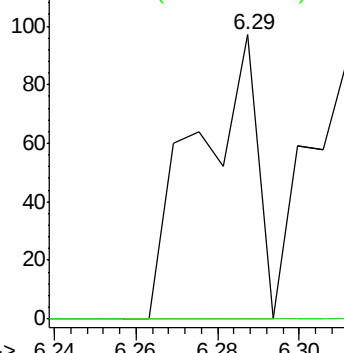
Ion Ratio Lower Upper

43 100

86 0.0 7.5 11.3#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#25

2-Butanone

Concen: 2.120 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW003725.D

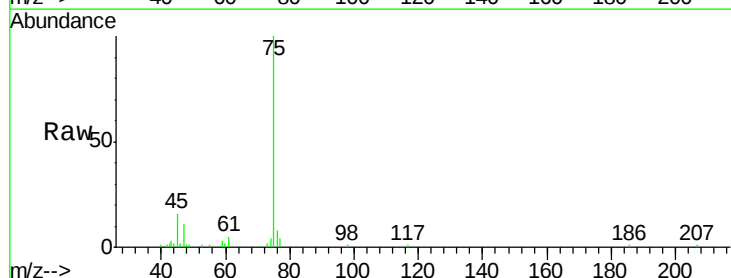
Acq: 05 Jul 2018 17:01

Tgt Ion: 43 Resp: 1179

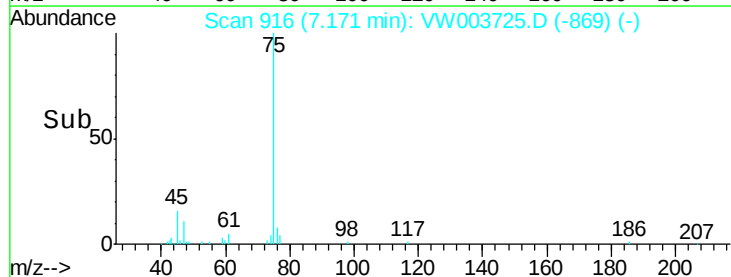
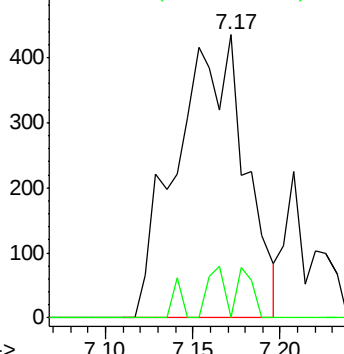
Ion Ratio Lower Upper

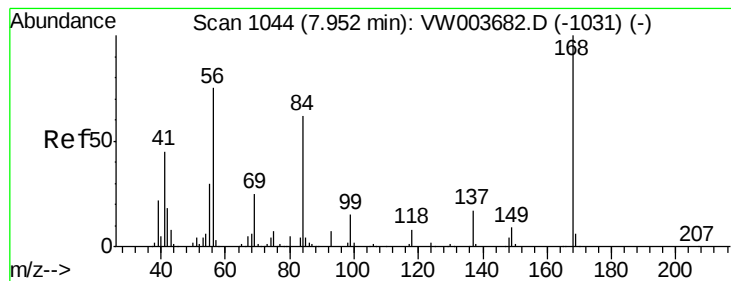
43 100

72 0.0 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.446 ug/l

RT: 7.95 min Scan# 1044

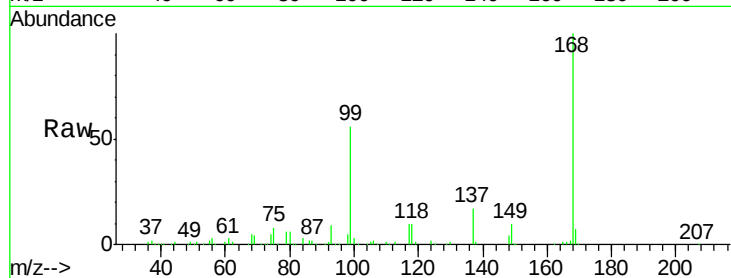
Delta R.T. 0.00 min

Lab File: VW003725.D

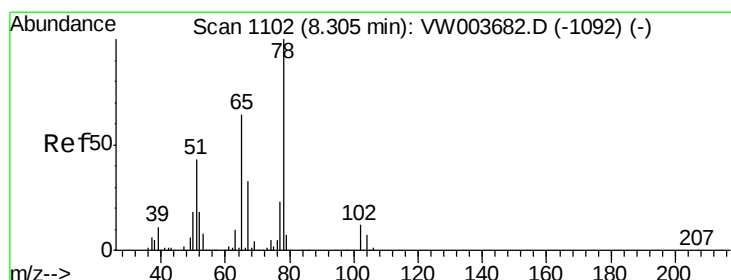
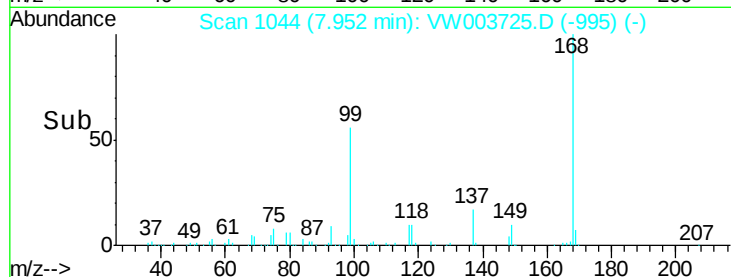
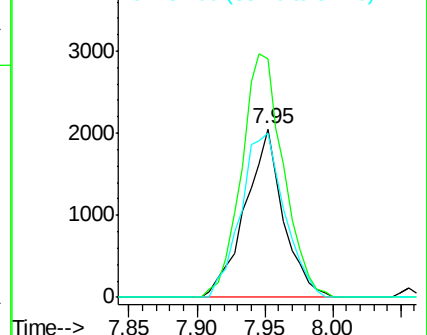
Acq: 05 Jul 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 4023
Ion Ratio Lower Upper
56 100
69 141.9 27.0 40.4#
84 98.0 65.4 98.0



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



#33

1,2-Dichloroethane-d4

Concen: 58.501 ug/l

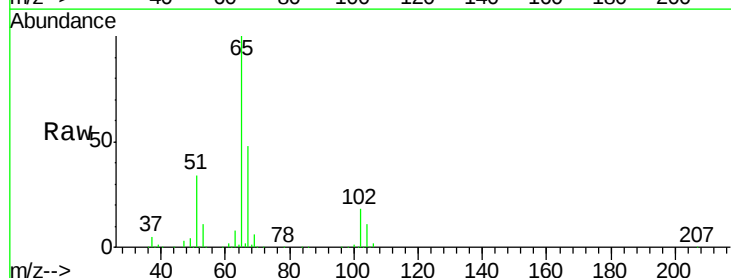
RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

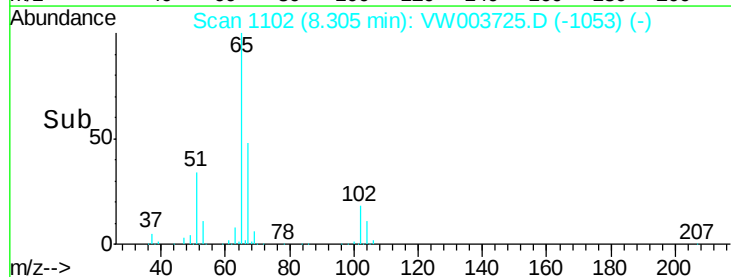
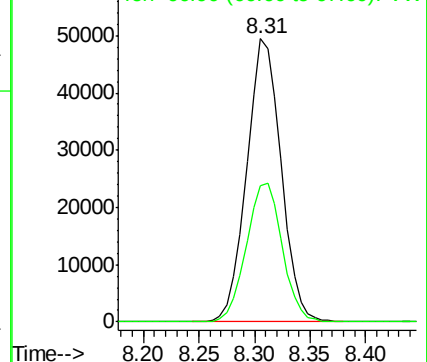
Lab File: VW003725.D

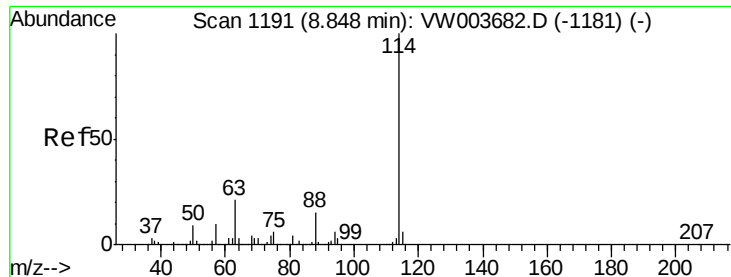
Acq: 05 Jul 2018 17:01

Tgt Ion: 65 Resp: 106452
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

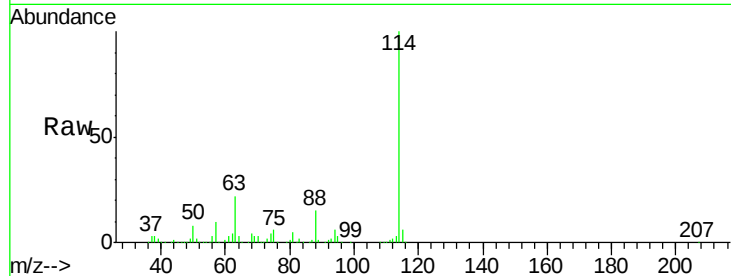




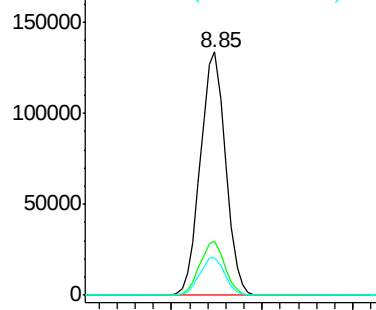
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003725.D
 Acq: 05 Jul 2018 17:01

Instrument :
 MSVOA_W
 ClientSampleId :

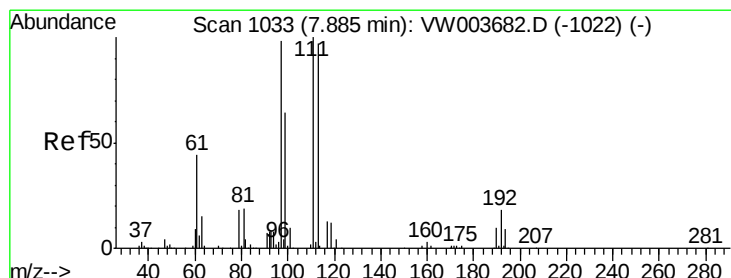
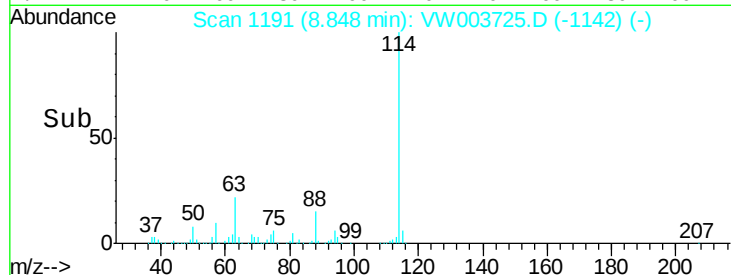
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	41.6
88	15.3	0.0	29.8



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

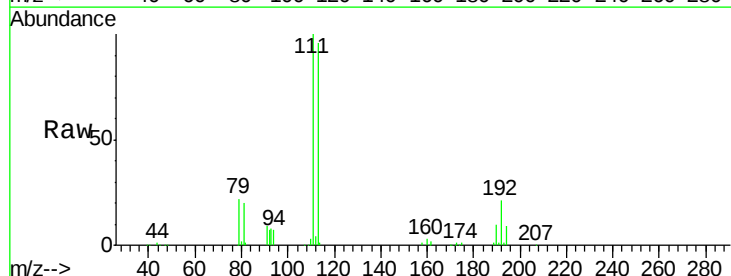


Time-->

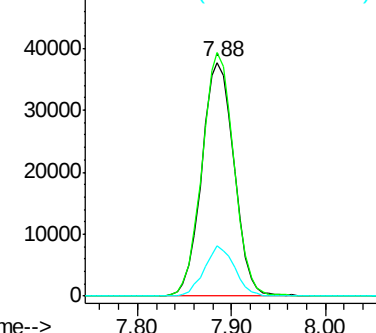


#35
 Dibromofluoromethane
 Concen: 53.447 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003725.D
 Acq: 05 Jul 2018 17:01

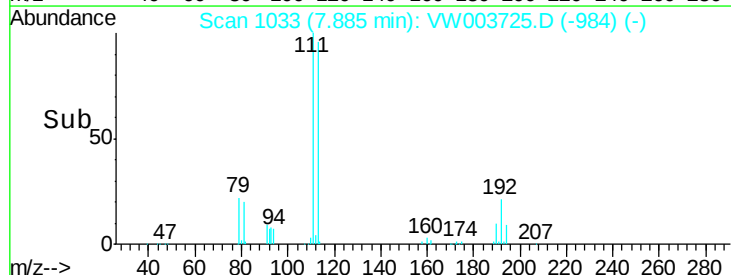
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	20.1	15.8	23.6

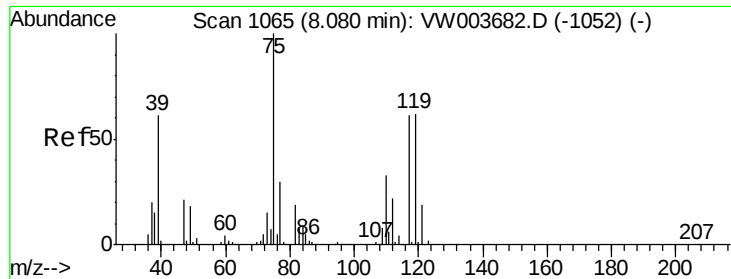


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

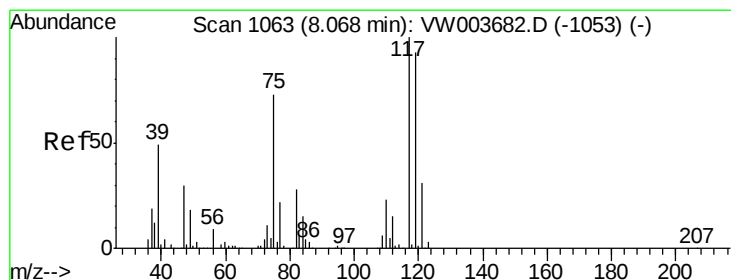
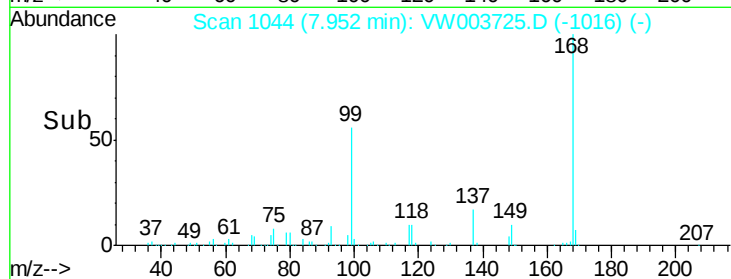
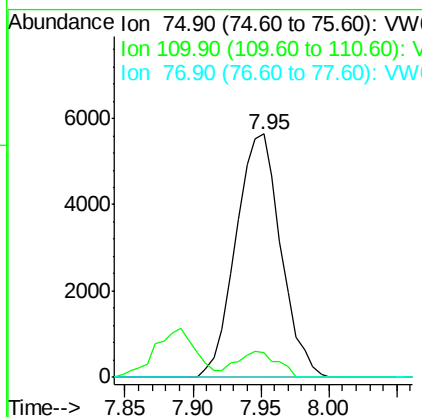
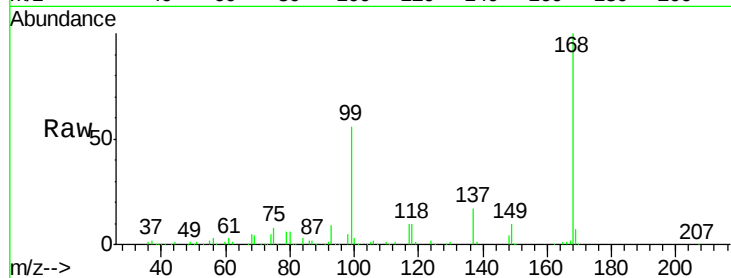




#36
 1,1-Dichloropropene
 Concen: 5.011 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003725.D
 Acq: 05 Jul 2018 17:01

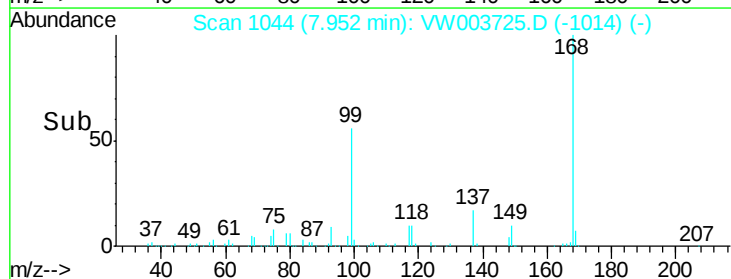
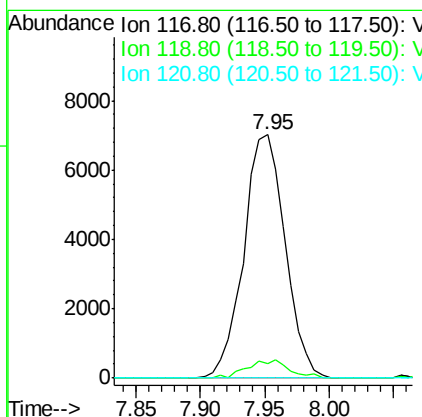
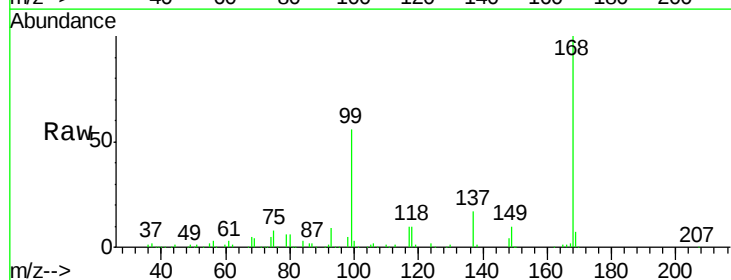
Instrument :
 MSVOA_W
 ClientSampled :

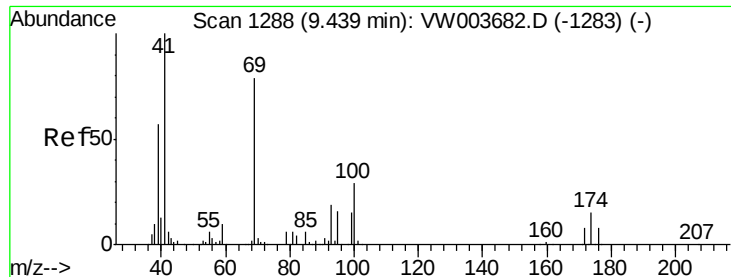
Tot Ion: 75 Resp: 13024
 Ion Ratio Lower Upper
 75 100
 110 9.6 16.9 50.6#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.310 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003725.D
 Acq: 05 Jul 2018 17:01

Tgt Ion: 117 Resp: 15601
 Ion Ratio Lower Upper
 117 100
 119 6.1 74.1 111.1#
 121 0.0 25.0 37.4#

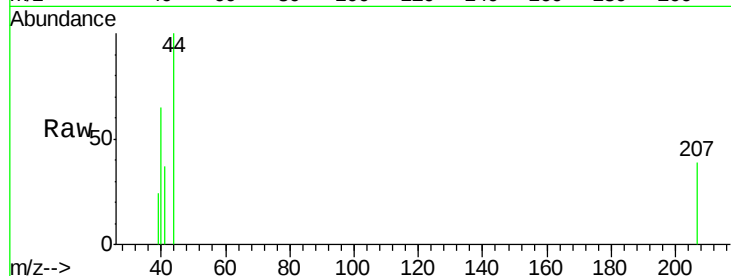




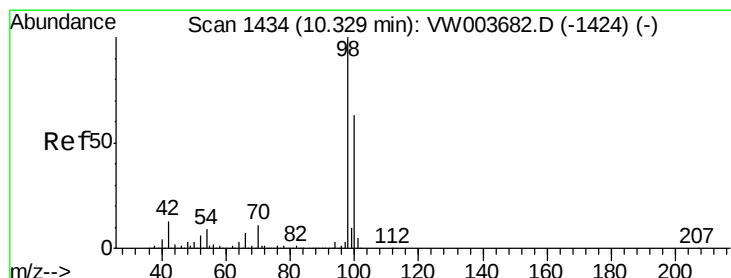
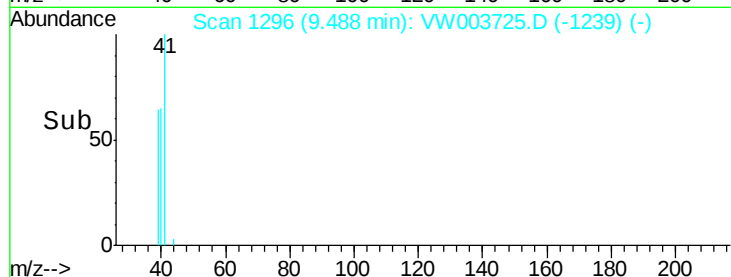
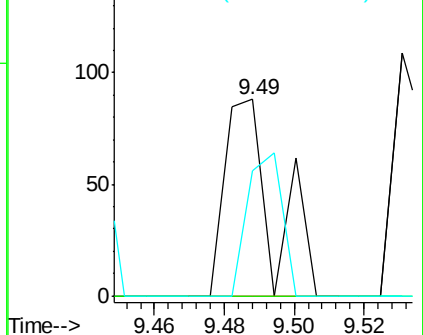
#48
Methyl methacrylate
Concen: 3.428 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. 0.05 min
Lab File: VW003725.D
Acq: 05 Jul 2018 17:01

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 86
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.2#
39 51.2 50.0 75.0

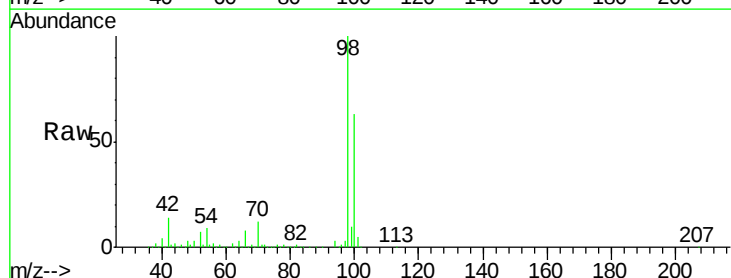


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

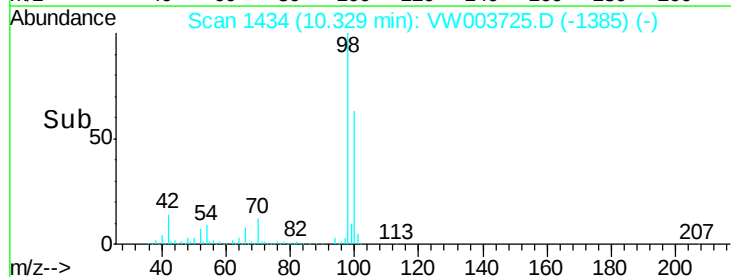
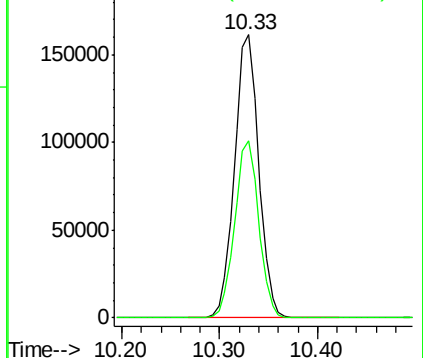


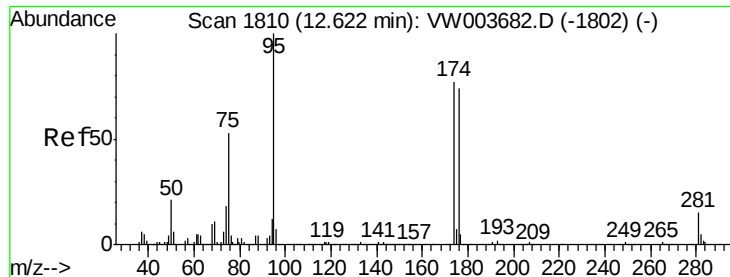
#50
Toluene-d8
Concen: 41.802 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003725.D
Acq: 05 Jul 2018 17:01

Tgt Ion: 98 Resp: 277117
Ion Ratio Lower Upper
98 100
100 62.2 50.8 76.2



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

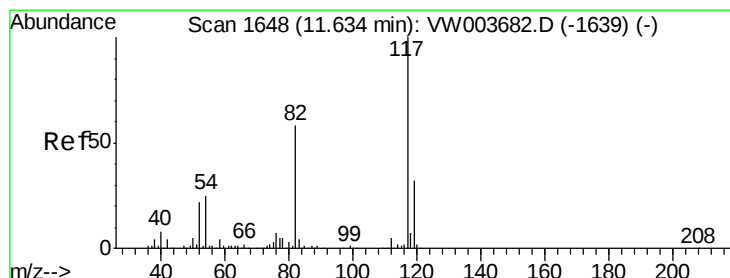
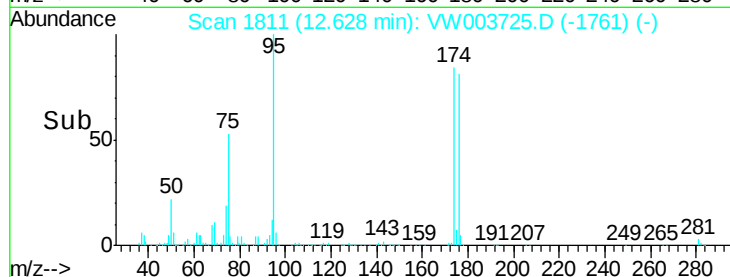
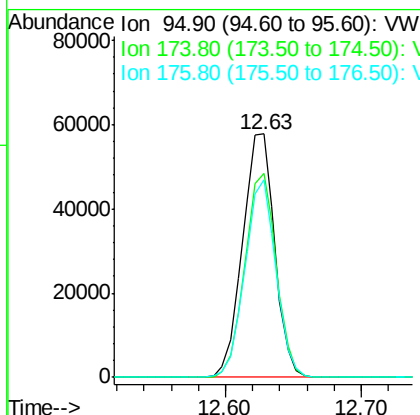
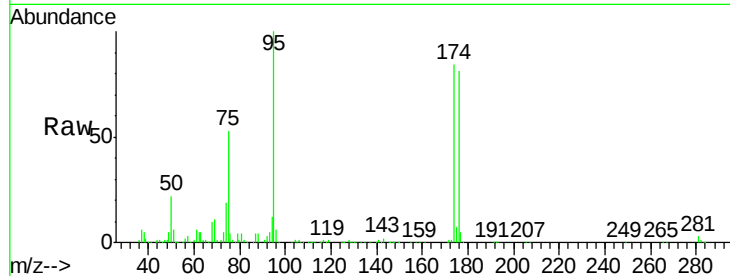




#62
4-Bromofluorobenzene
Concen: 39.966 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW003725.D
Acq: 05 Jul 2018 17:01

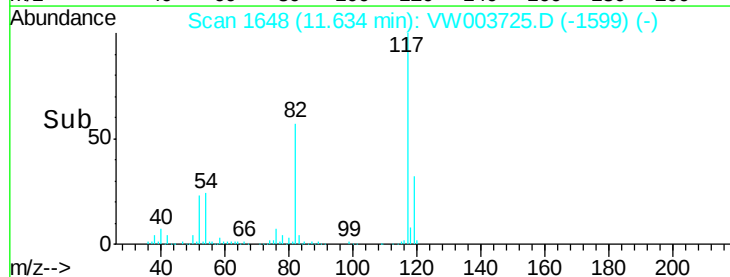
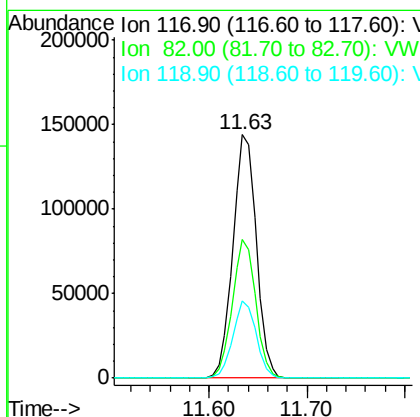
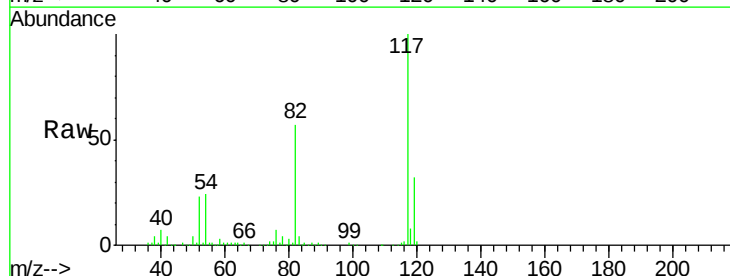
Instrument :
MSVOA_W
ClientSampleId :

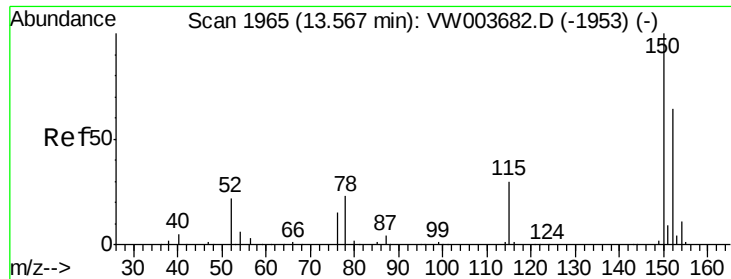
Tot Ion	95	Resp	95183
Ion Ratio	Lower	Upper	
95	100		
174	82.6	0.0	161.2
176	78.6	0.0	155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003725.D
Acq: 05 Jul 2018 17:01

Tgt Ion	117	Resp	239891
Ion Ratio	Lower	Upper	
117	100		
82	57.0	46.0	69.0
119	31.9	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003725.D

Acq: 05 Jul 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

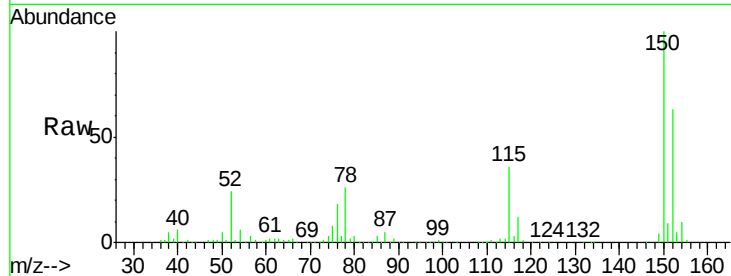
Tot Ion:152 Resp: 105523

Ion Ratio Lower Upper

152 100

115 58.6 29.3 88.0

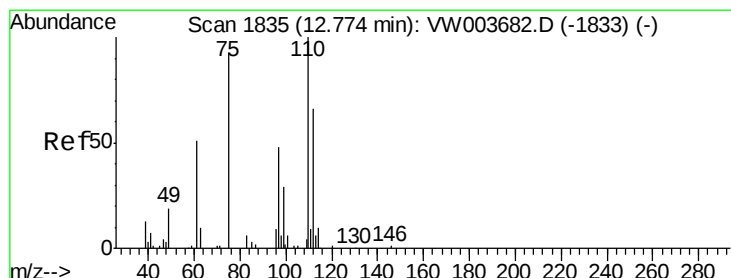
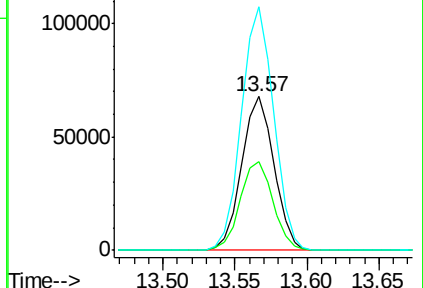
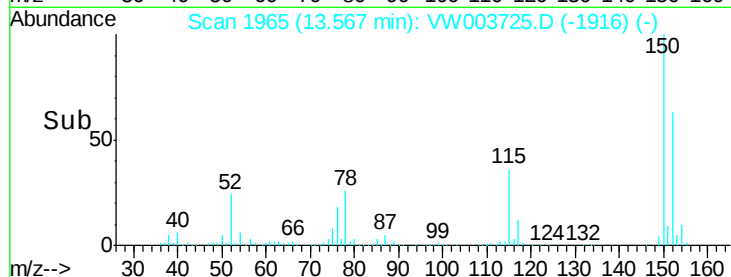
150 157.8 0.0 352.0



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: 53.821 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003725.D

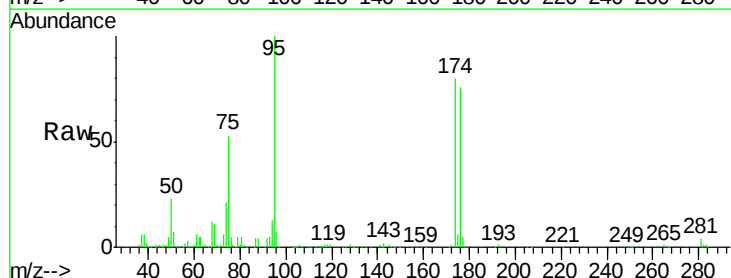
Acq: 05 Jul 2018 17:01

Tgt Ion: 75 Resp: 51065

Ion Ratio Lower Upper

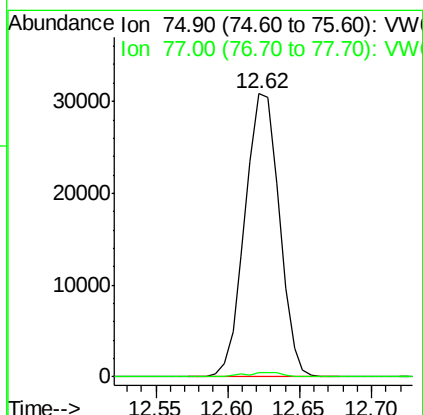
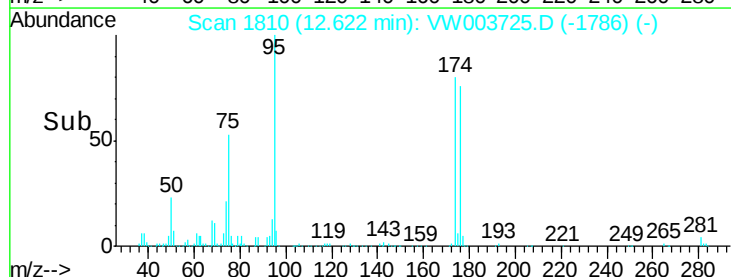
75 100

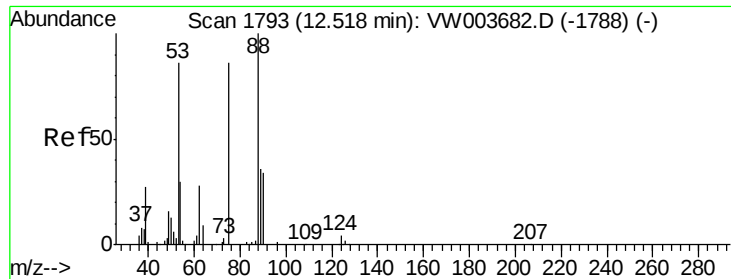
77 1.5 0.0 0.0#



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: 114.042 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003725.D

Acq: 05 Jul 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

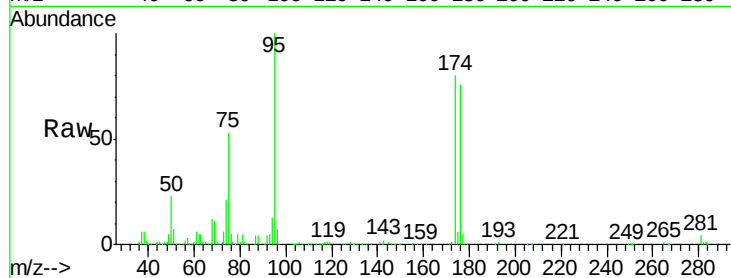
Tot Ion: 75 Resp: 51065

Ion Ratio Lower Upper

75 100

53 0.2 82.4 123.6#

89 0.0 35.9 53.9#



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

