

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003713.D
 Acq On : 05 Jul 2018 11:41
 Operator : SY/AP
 Sample : VW0705SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 06 02:33:54 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	250784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	372093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180411	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	155092	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
35) Dibromofluoromethane	7.88	113	135705	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
50) Toluene-d8	10.33	98	527975	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.62	95	175844	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	

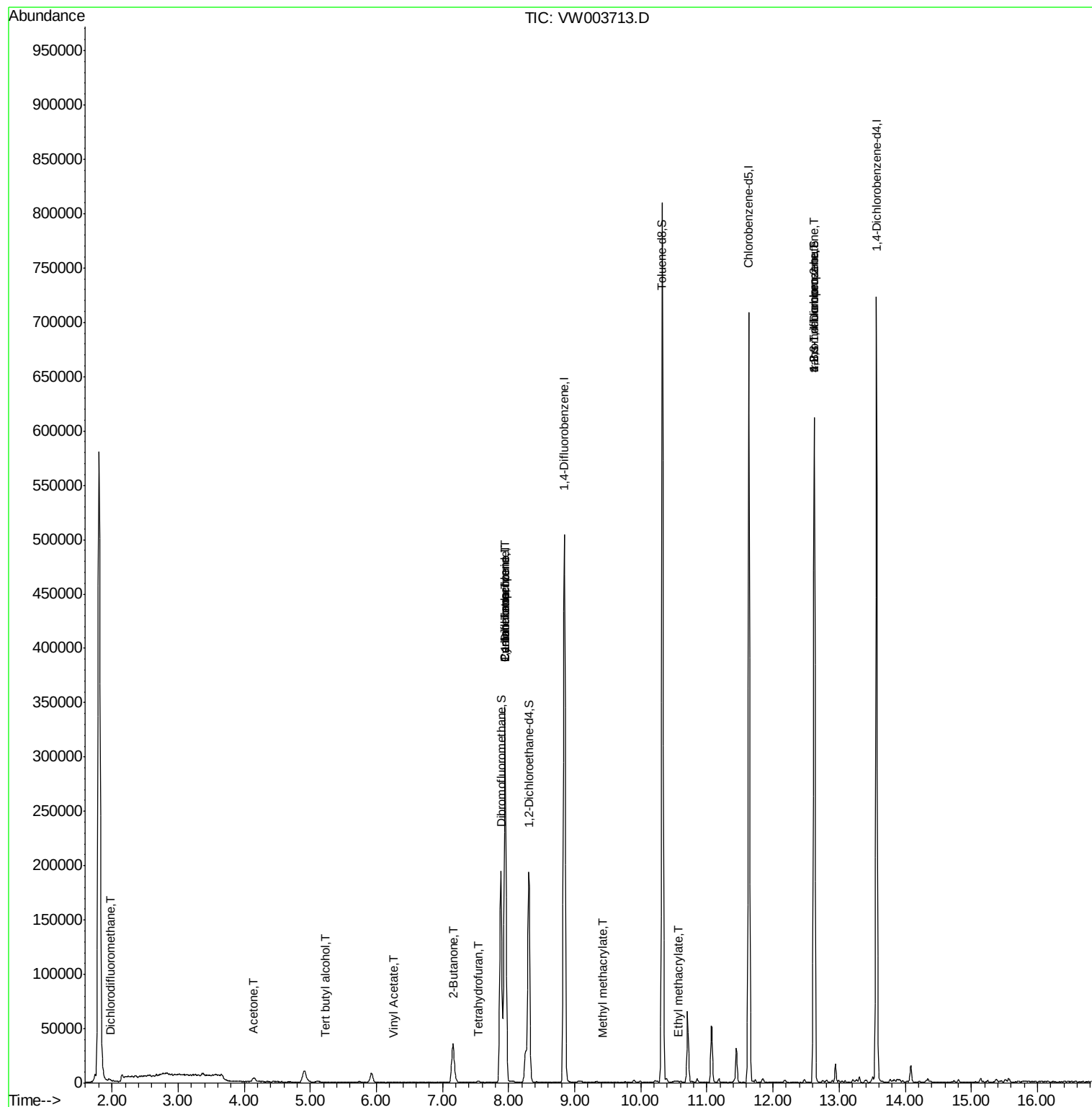
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	225	5.019	ug/l	93
11) Tert butyl alcohol	5.24	59	435	2.325	ug/l #	71
16) Acetone	4.14	43	8975	12.575	ug/l	100
23) Vinyl Acetate	6.26	43	152	13.889	ug/l #	74
25) 2-Butanone	7.15	43	2432	2.661	ug/l #	76
29) Tetrahydrofuran	7.54	42	624	1.139	ug/l #	49
31) Cyclohexane	7.95	56	6320	1.383	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	20279	5.014	ug/l #	50
38) Carbon Tetrachloride	7.95	117	25422	6.608	ug/l #	17
48) Methyl methacrylate	9.43	41	97	3.410	ug/l #	16
56) Ethyl methacrylate	10.57	69	25	3.592	ug/l #	2
76) 1,2,3-Trichloropropane	12.62	75	95334	58.770	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	95334	124.530	ug/l #	9

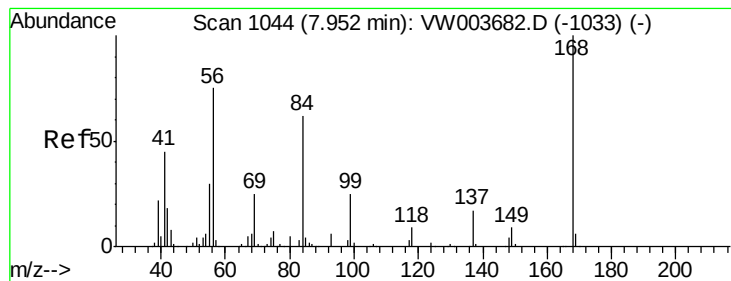
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070518\
Data File : VW003713.D
Acq On : 05 Jul 2018 11:41
Operator : SY/AP
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Misc : 5.00G/5ML/MSVOA W/SOIL
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MSVOA_W
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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# 1043

Delta R.T. -0.01 min

Lab File: VW003713.D

Acq: 05 Jul 2018 11:41

Instrument :

MSVOA_W

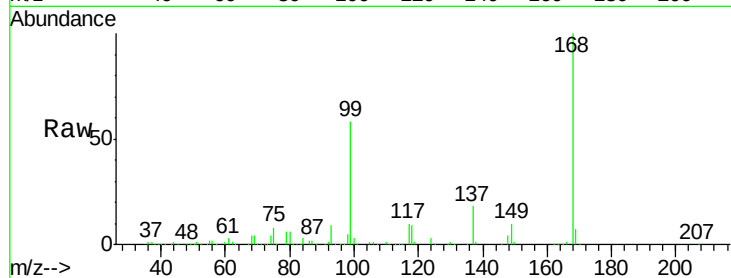
ClientSampleId :

Tot Ion:168 Resp: 250784

Ion Ratio Lower Upper

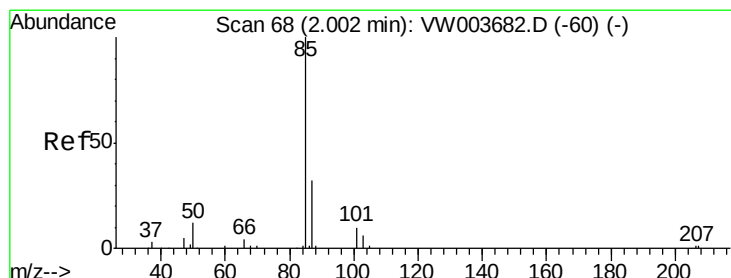
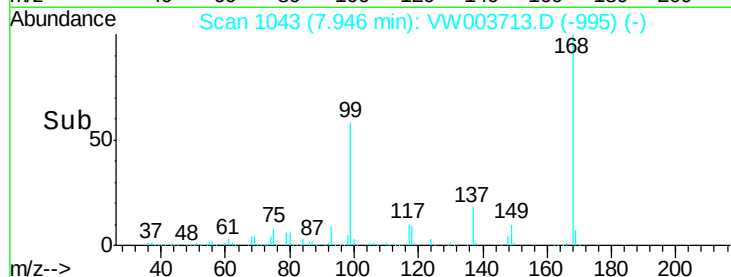
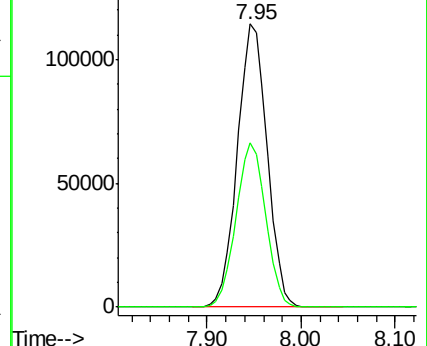
168 100

99 57.9 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 5.019 ug/l

RT: 1.99 min Scan# 66

Delta R.T. -0.01 min

Lab File: VW003713.D

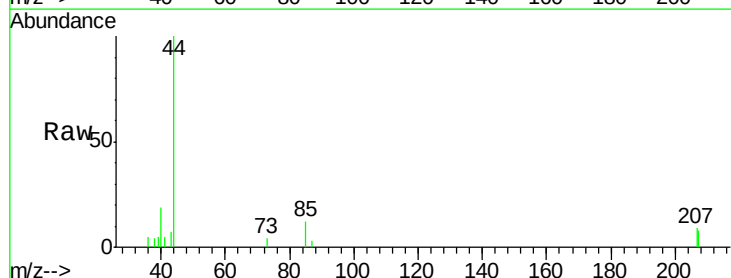
Acq: 05 Jul 2018 11:41

Tgt Ion: 85 Resp: 225

Ion Ratio Lower Upper

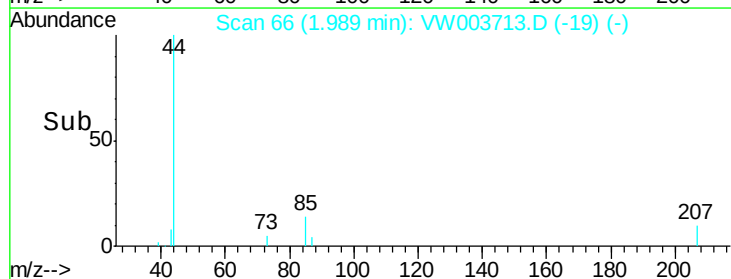
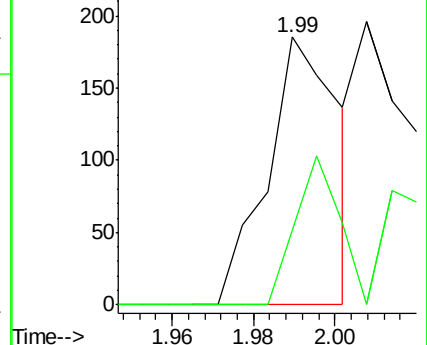
85 100

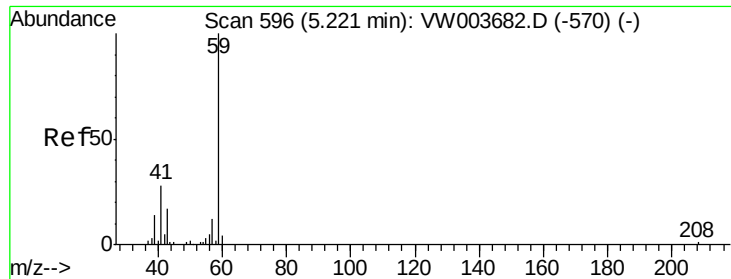
87 28.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

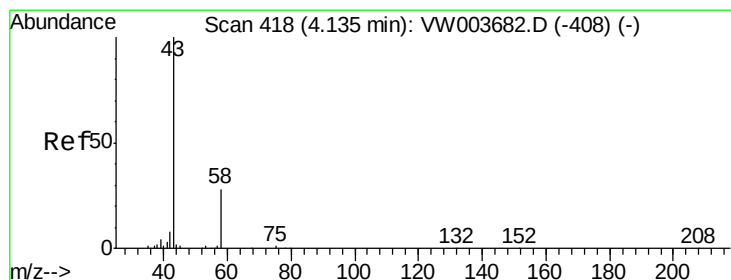
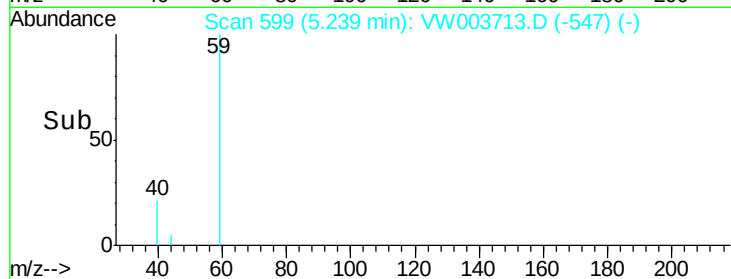
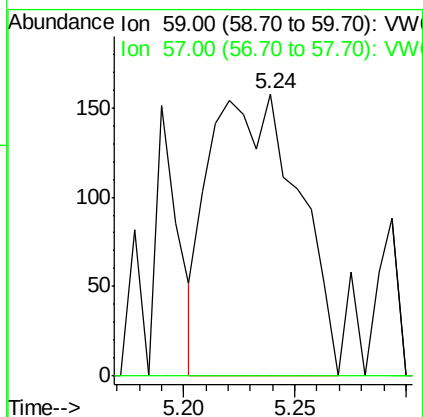
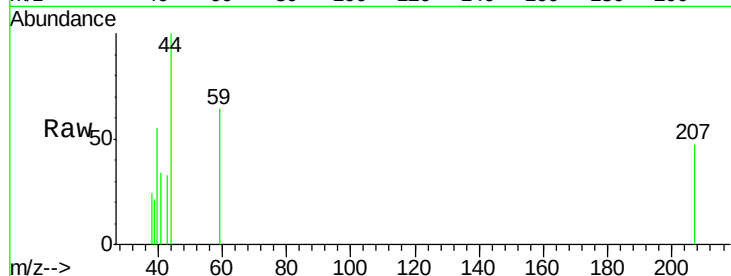




#11
Tert butyl alcohol
Concen: 2.325 ug/l
RT: 5.24 min Scan# 599
Delta R.T. 0.02 min
Lab File: VW003713.D
Acq: 05 Jul 2018 11:41

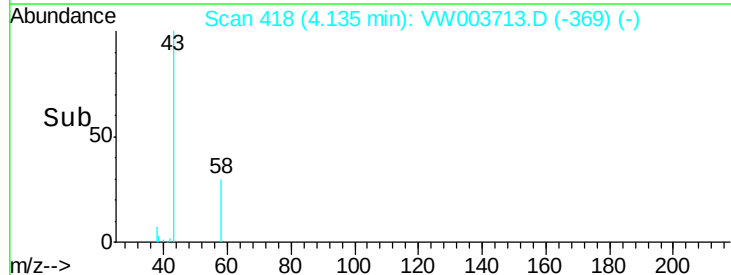
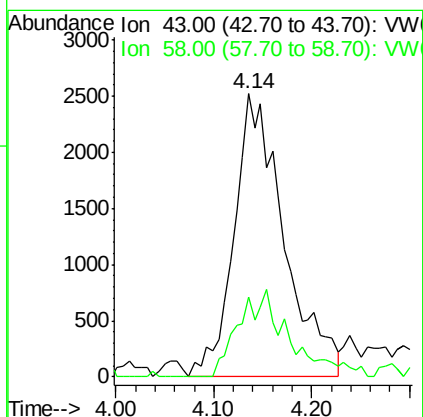
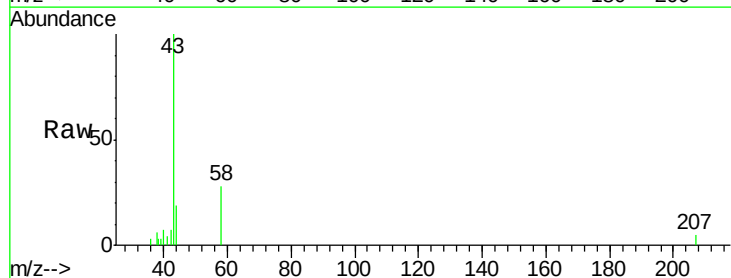
Instrument :
MSVOA_W
ClientSampled :

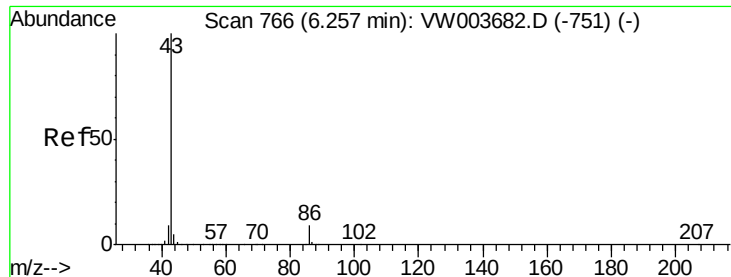
Tot Ion: 59 Resp: 435
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#16
Acetone
Concen: 12.575 ug/l
RT: 4.14 min Scan# 418
Delta R.T. 0.00 min
Lab File: VW003713.D
Acq: 05 Jul 2018 11:41

Tgt Ion: 43 Resp: 8975
Ion Ratio Lower Upper
43 100
58 28.4 22.7 34.1





#23

Vinyl Acetate

Concen: 13.889 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003713.D

Acq: 05 Jul 2018 11:41

Instrument :

MSVOA_W

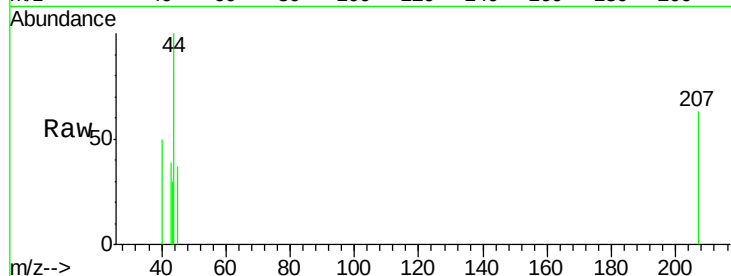
ClientSampled :

Tot Ion: 43 Resp: 152

Ion Ratio Lower Upper

43 100

86 0.0 7.5 11.3#



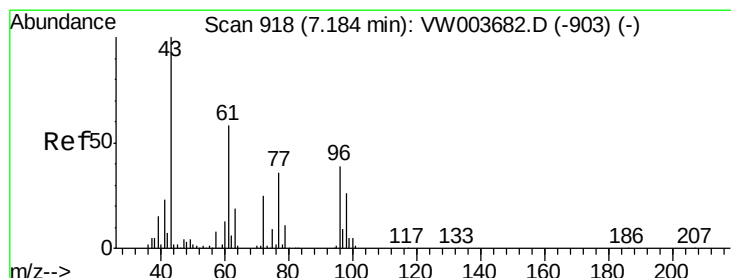
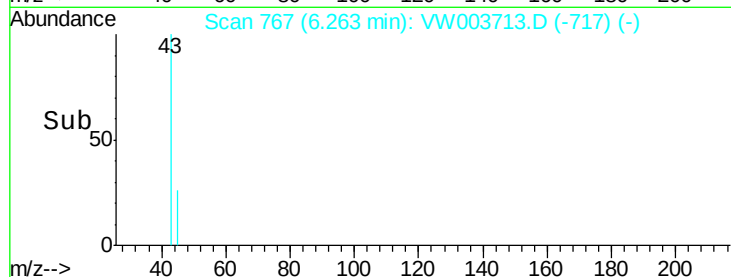
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

6.28

Time-->



#25

2-Butanone

Concen: 2.661 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW003713.D

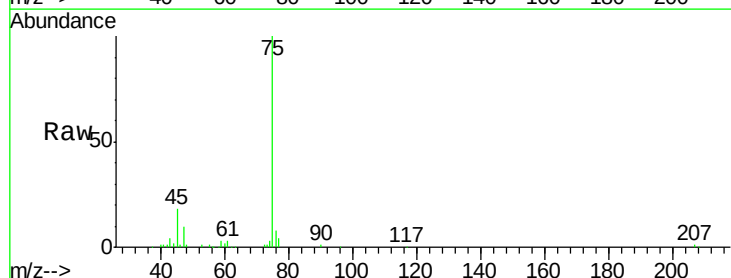
Acq: 05 Jul 2018 11:41

Tgt Ion: 43 Resp: 2432

Ion Ratio Lower Upper

43 100

72 13.2 20.2 30.4#



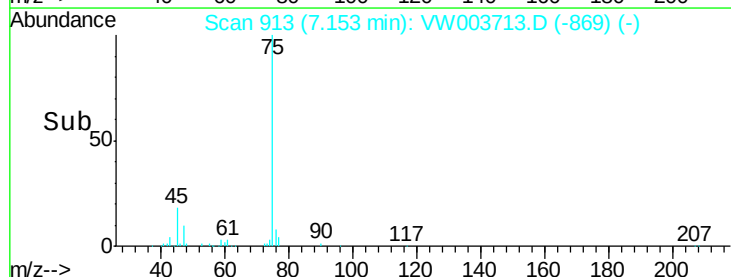
Abundance Ion 43.00 (42.70 to 43.70): VW

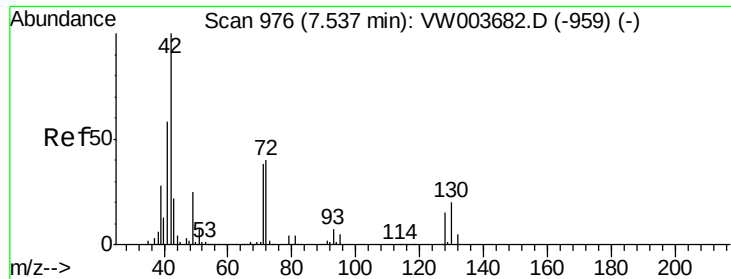
Ion 72.00 (71.70 to 72.70): VW

7.15

7.20

Time-->

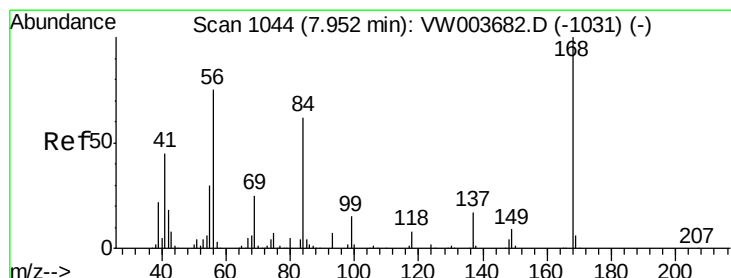
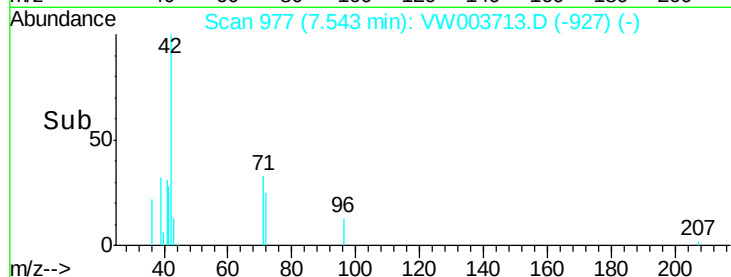
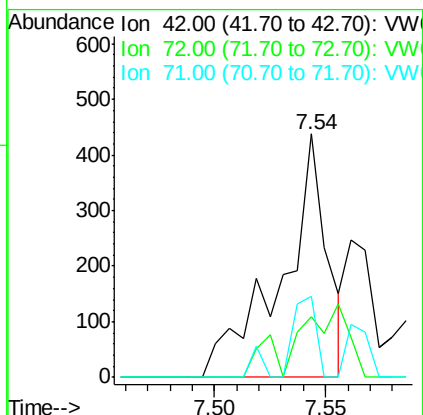
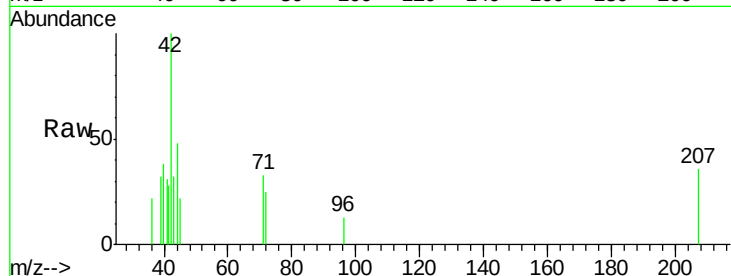




#29
Tetrahydrofuran
Concen: 1.139 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003713.D
Acq: 05 Jul 2018 11:41

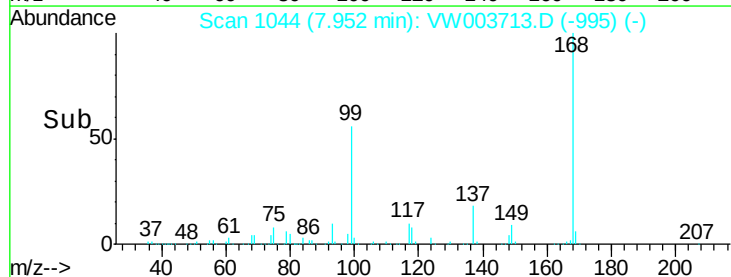
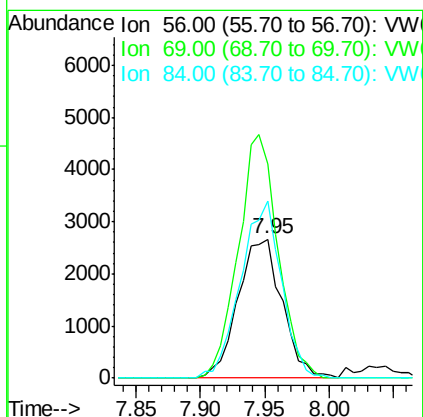
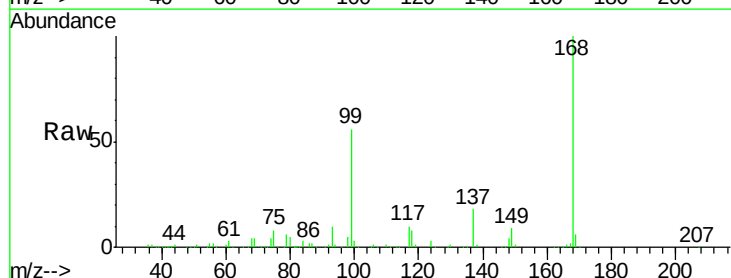
Instrument :
MSVOA_W
ClientSampled :

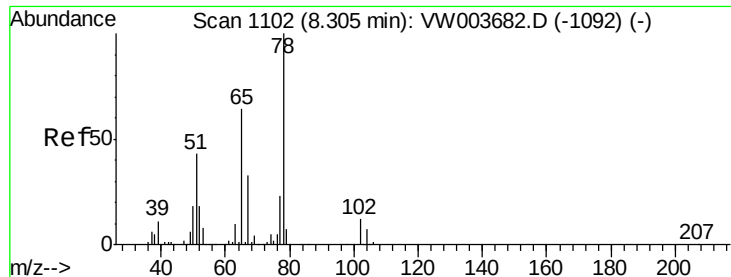
Tot Ion: 42 Resp: 624
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 16.2 30.2 45.2#



#31
Cyclohexane
Concen: 1.383 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003713.D
Acq: 05 Jul 2018 11:41

Tgt Ion: 56 Resp: 6320
Ion Ratio Lower Upper
56 100
69 154.3 27.0 40.4#
84 127.3 65.4 98.0#

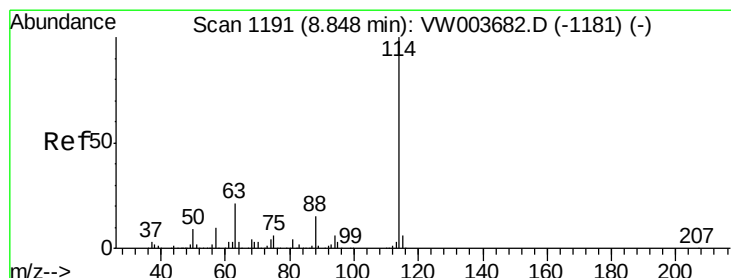
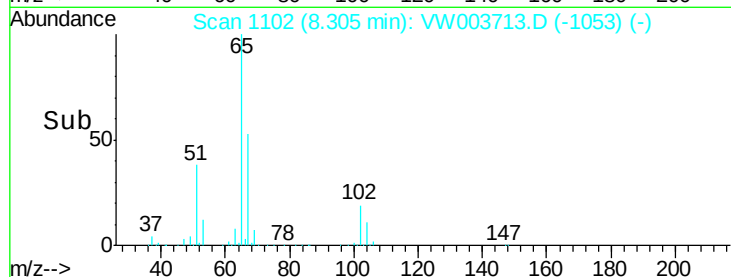
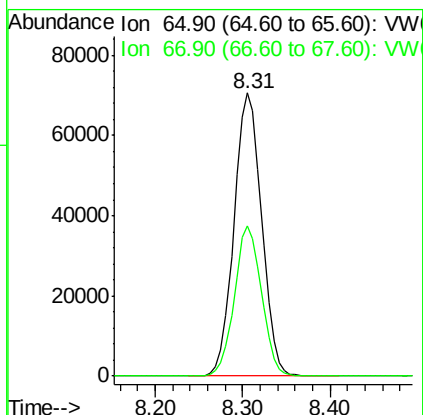
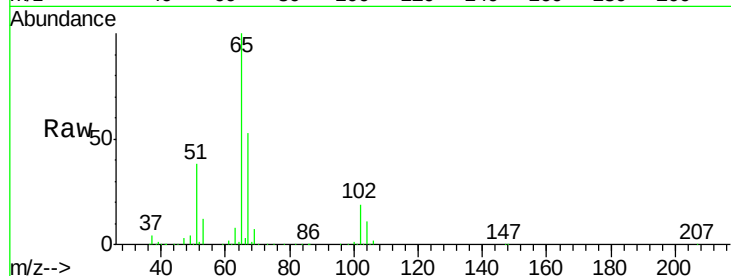




#33
 1,2-Dichloroethane-d4
 Concen: 51.873 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003713.D
 Acq: 05 Jul 2018 11:41

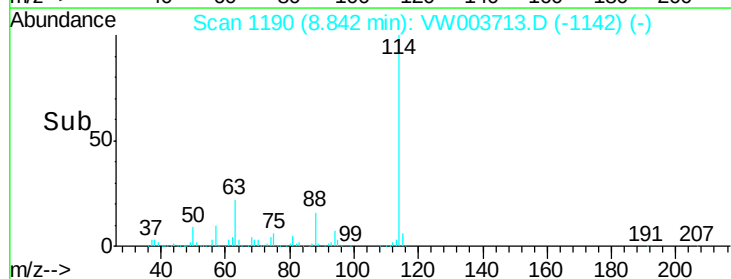
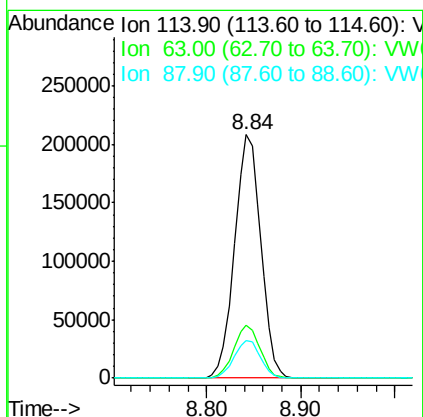
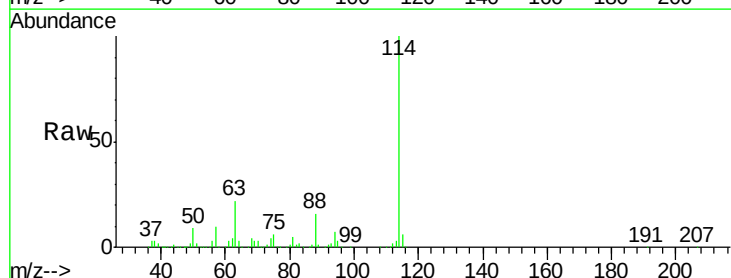
Instrument :
 MSVOA_W
 ClientSampleId :

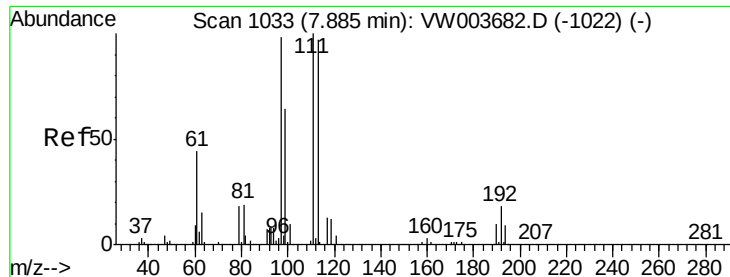
Tot Ion: 65 Resp: 155092
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003713.D
 Acq: 05 Jul 2018 11:41

Tgt Ion: 114 Resp: 402863
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.6
 88 15.7 0.0 29.8

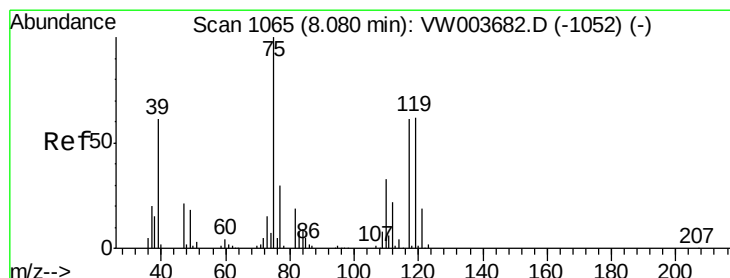
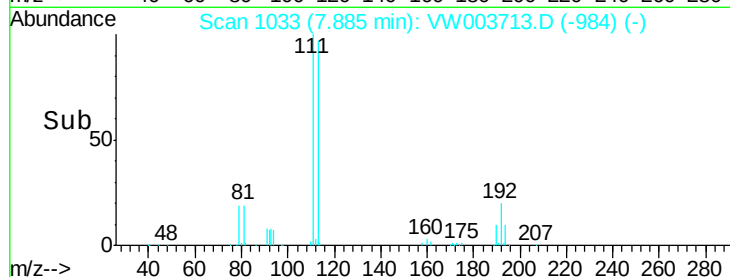
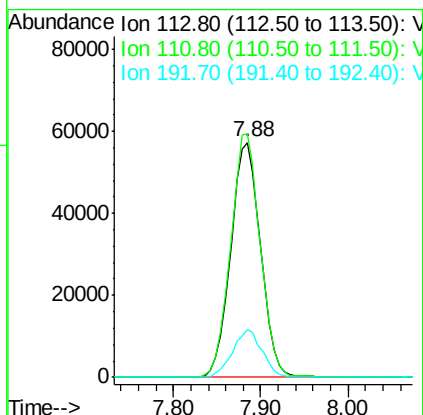
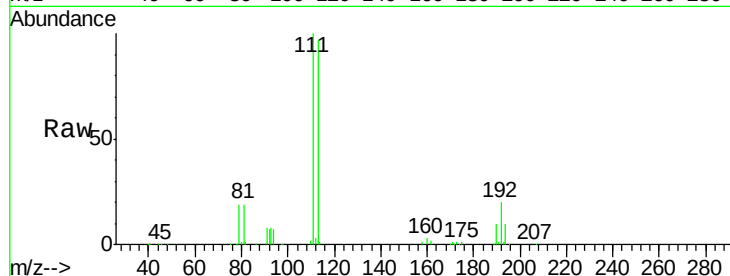




#35
 Dibromofluoromethane
 Concen: 51.648 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003713.D
 Acq: 05 Jul 2018 11:41

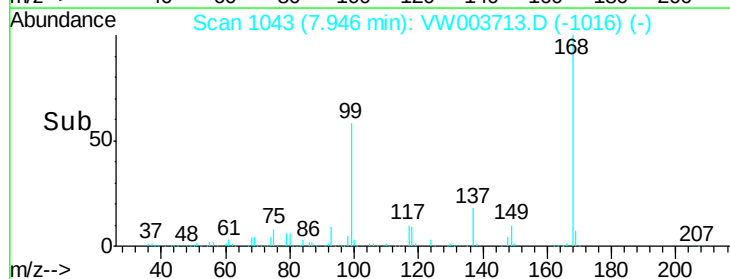
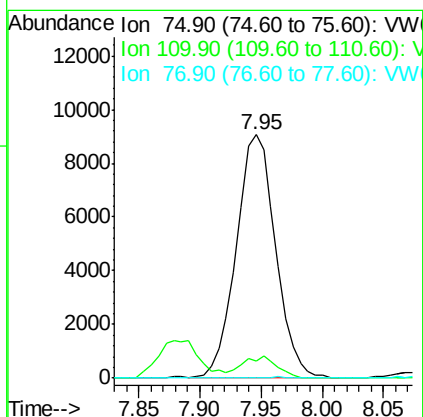
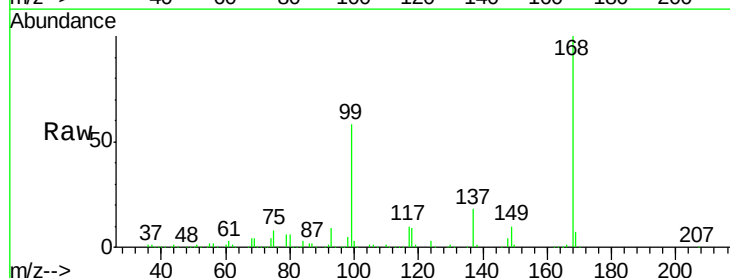
Instrument :
 MSVOA_W
 ClientSampled :

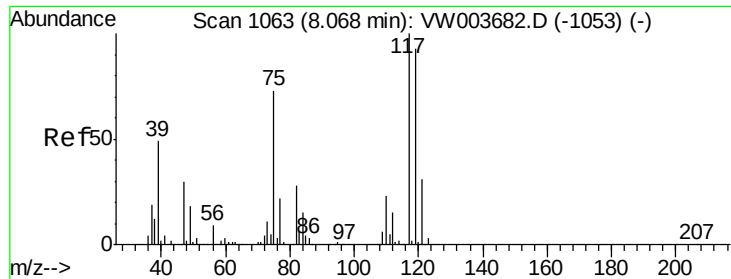
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	20.0	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 5.014 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003713.D
 Acq: 05 Jul 2018 11:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.9	50.6#
77	0.1	24.9	37.3#

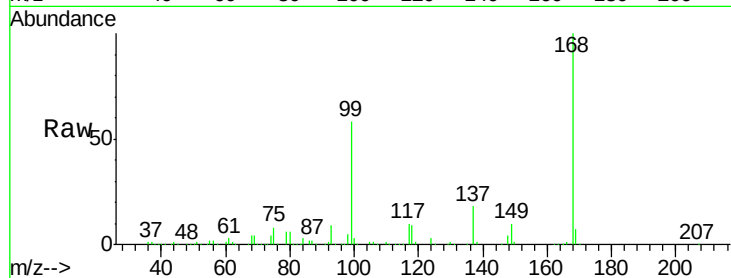




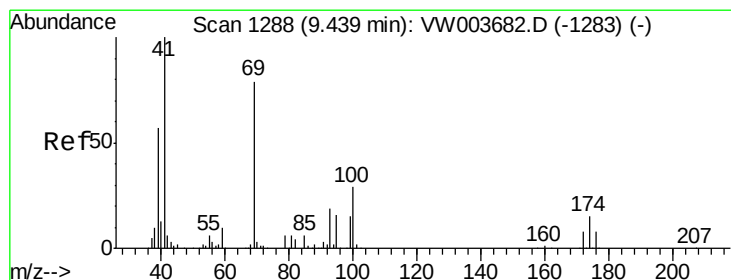
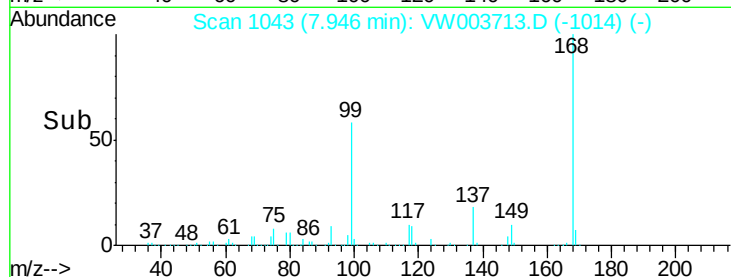
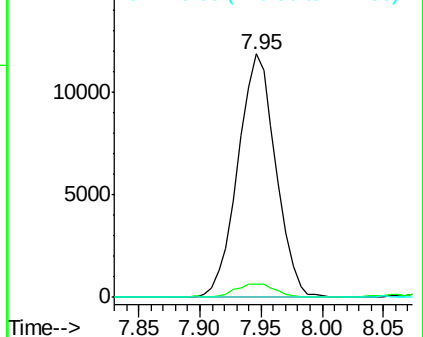
#38
Carbon Tetrachloride
Concen: 6.608 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW003713.D
Acq: 05 Jul 2018 11:41

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 25422
Ion Ratio Lower Upper
117 100
119 5.3 74.1 111.1#
121 0.0 25.0 37.4#

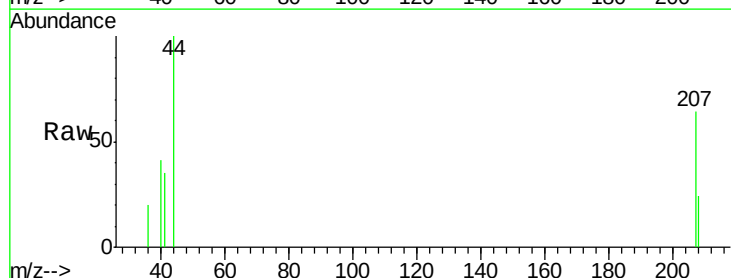


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

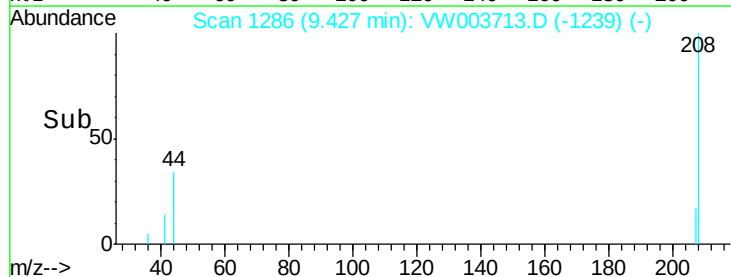
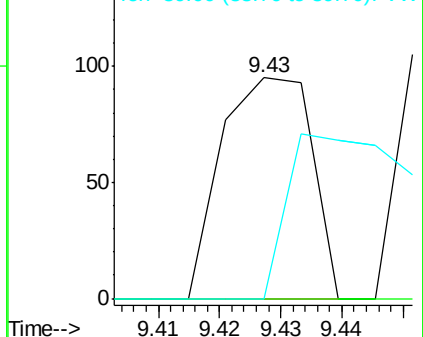


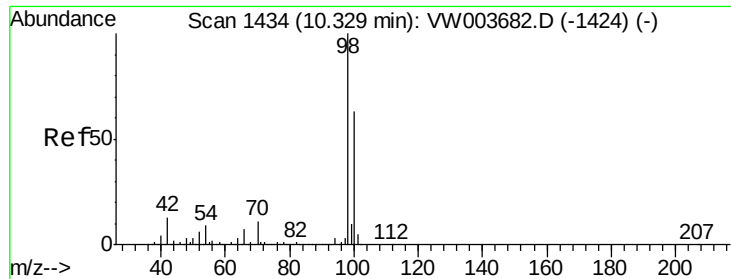
#48
Methyl methacrylate
Concen: 3.410 ug/l
RT: 9.43 min Scan# 1286
Delta R.T. -0.01 min
Lab File: VW003713.D
Acq: 05 Jul 2018 11:41

Tgt Ion: 41 Resp: 97
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.2#
39 120.6 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

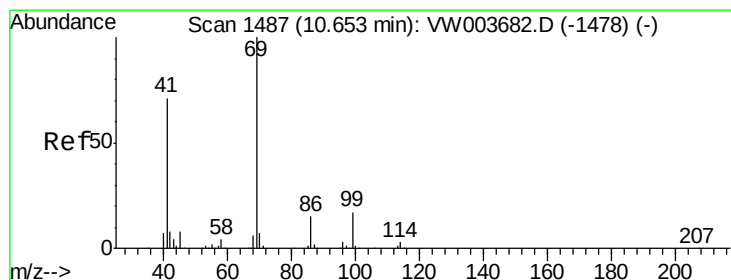
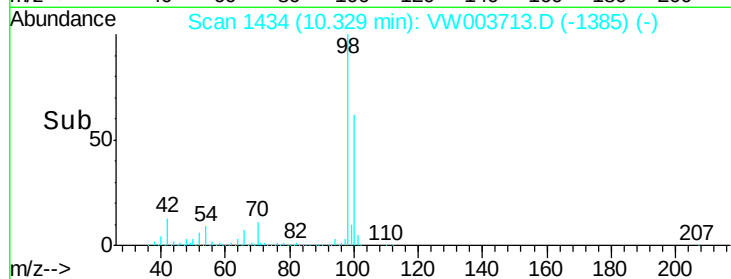
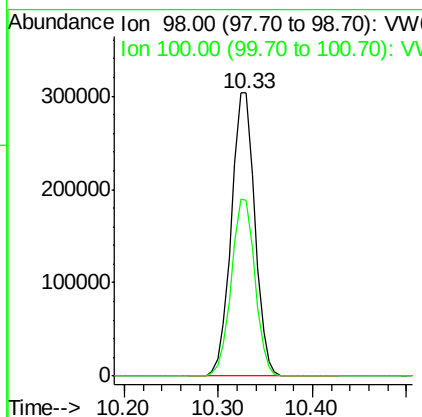
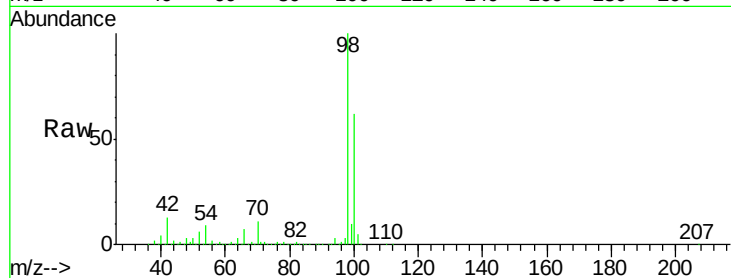




#50
Toluene-d8
Concen: 51.187 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003713.D
Acq: 05 Jul 2018 11:41

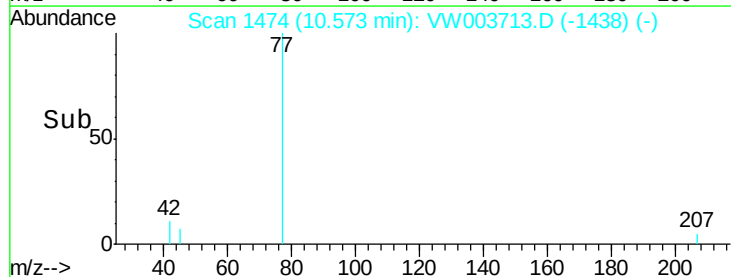
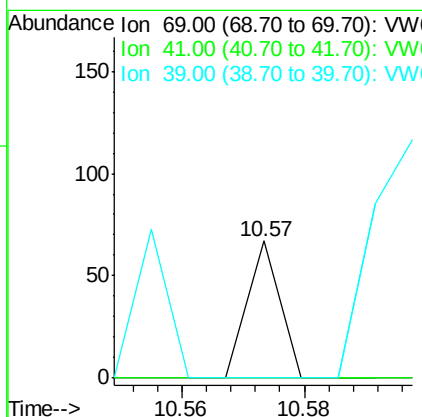
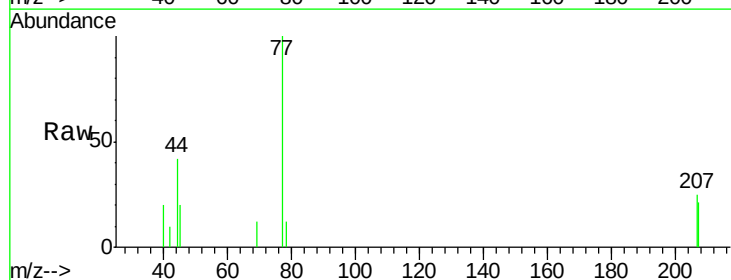
Instrument :
MSVOA_W
ClientSampleId :

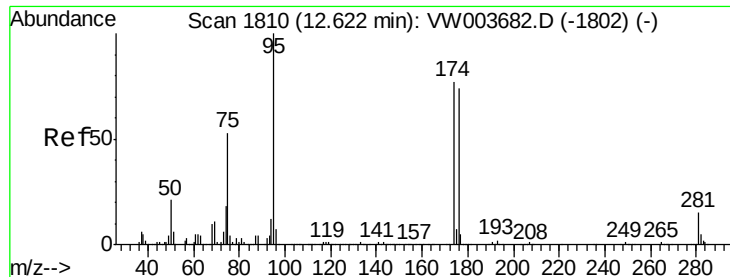
Tot Ion: 98 Resp: 527975
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2



#56
Ethyl methacrylate
Concen: 3.592 ug/l
RT: 10.57 min Scan# 1474
Delta R.T. -0.08 min
Lab File: VW003713.D
Acq: 05 Jul 2018 11:41

Tgt Ion: 69 Resp: 25
Ion Ratio Lower Upper
69 100
41 0.0 57.5 86.3#
39 108.0 29.4 44.0#

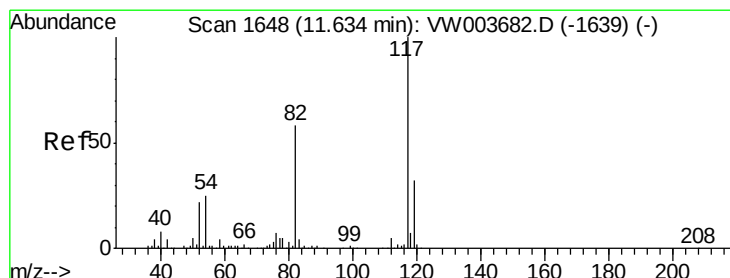
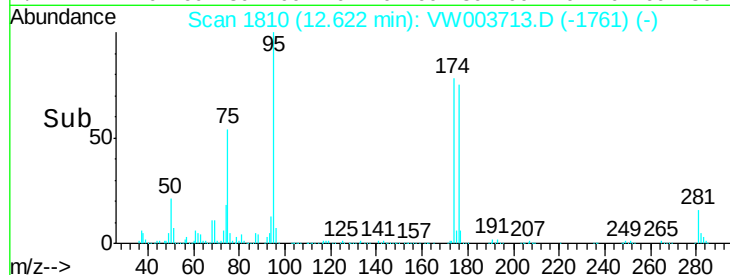
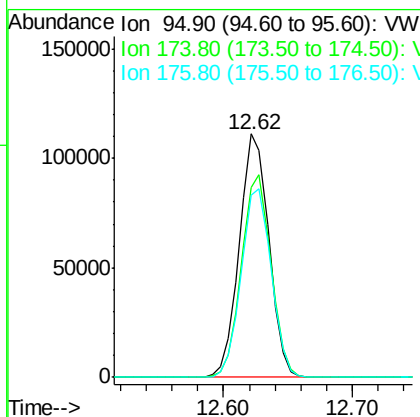
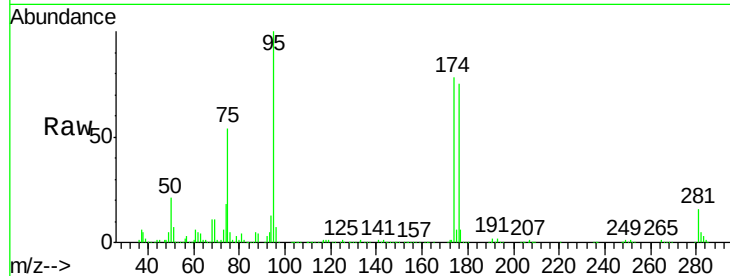




#62
4-Bromofluorobenzene
Concen: 47.453 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW003713.D
Acq: 05 Jul 2018 11:41

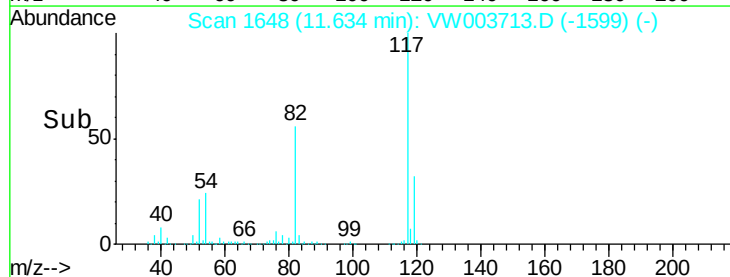
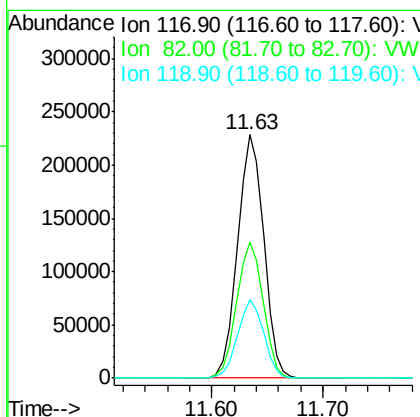
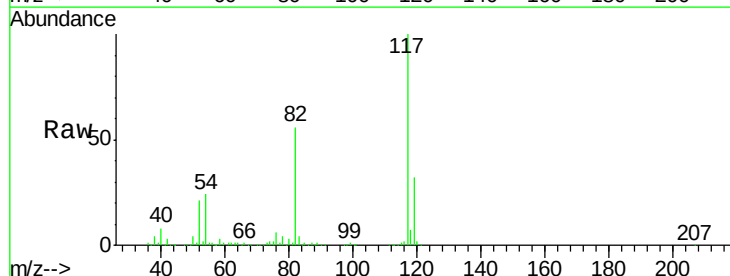
Instrument :
MSVOA_W
ClientSampleId :

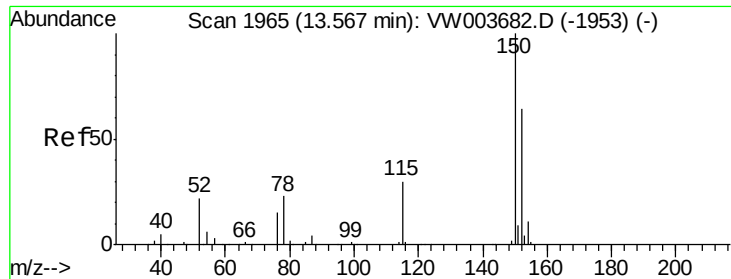
Tot Ion: 95 Resp: 175844
Ion Ratio Lower Upper
95 100
174 83.4 0.0 161.2
176 78.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003713.D
Acq: 05 Jul 2018 11:41

Tgt Ion: 117 Resp: 372093
Ion Ratio Lower Upper
117 100
82 56.0 46.0 69.0
119 32.2 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: VW003713.D

Acq: 05 Jul 2018 11:41

Instrument :

MSVOA_W

ClientSampled :

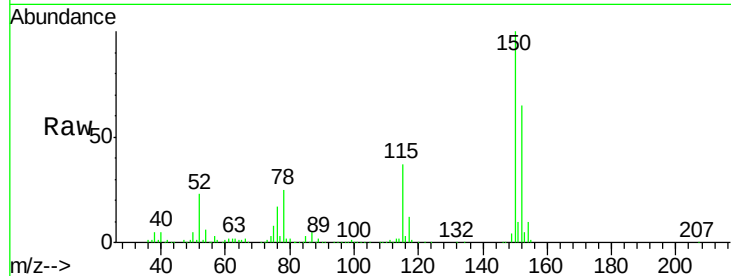
Tot Ion:152 Resp: 180411

Ion Ratio Lower Upper

152 100

115 58.7 29.3 88.0

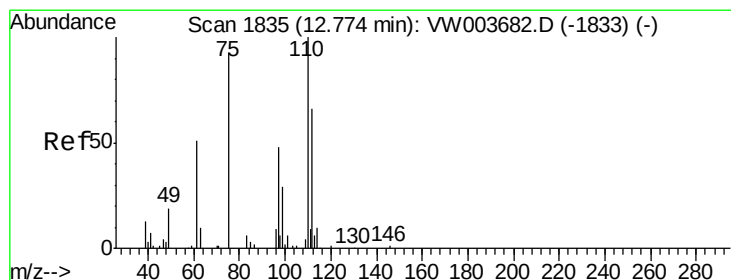
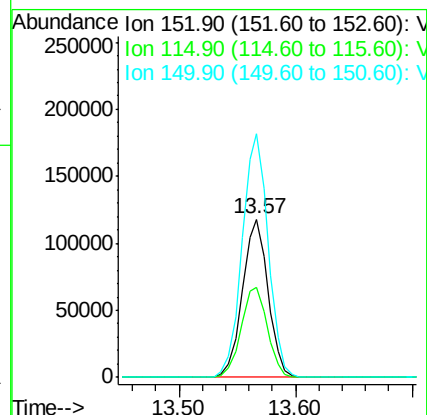
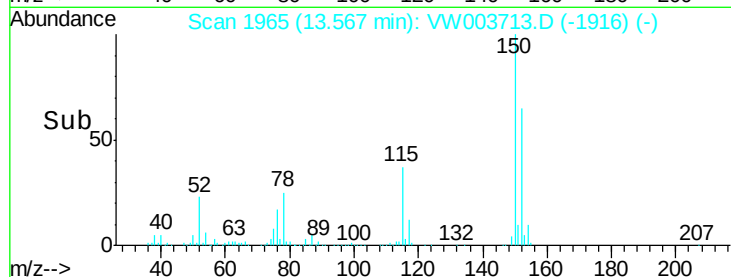
150 156.5 0.0 352.0



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: 58.770 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003713.D

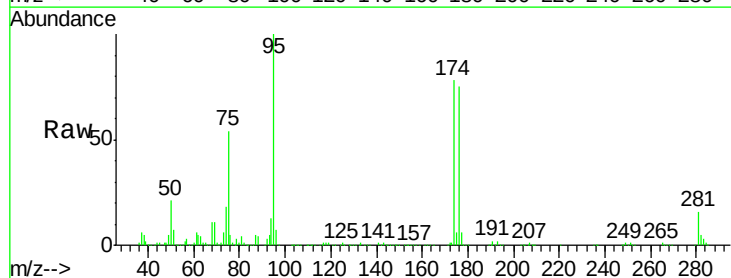
Acq: 05 Jul 2018 11:41

Tgt Ion: 75 Resp: 95334

Ion Ratio Lower Upper

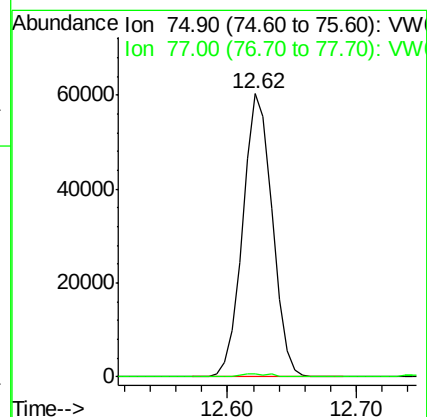
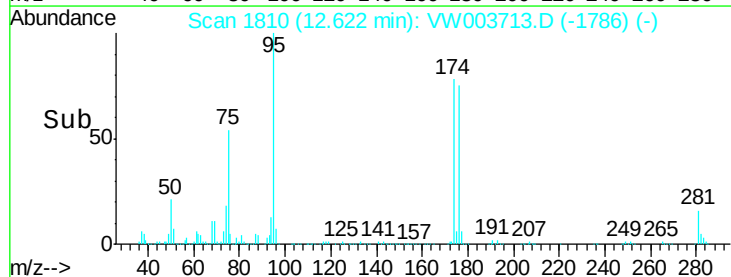
75 100

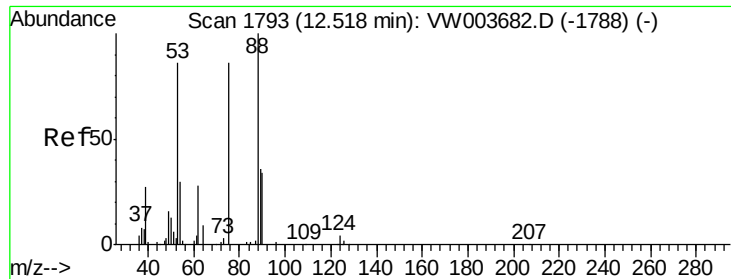
77 1.3 0.0 0.0#



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: 124.530 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003713.D

Acq: 05 Jul 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

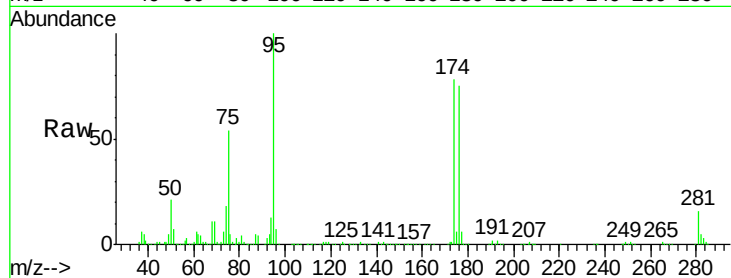
Tot Ion: 75 Resp: 95334

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

