

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003724.D
 Acq On : 05 Jul 2018 16:35
 Operator : SY/AP
 Sample : J3858-04
 Misc : 11.63G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 06 02:36:19 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	7.96	168	10789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	16847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	15721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	5384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	6254	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	7.88	113	6141	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	
50) Toluene-d8	10.33	98	15342	35.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.14%	
62) 4-Bromofluorobenzene	12.63	95	4645	29.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.94%	

Target Compounds

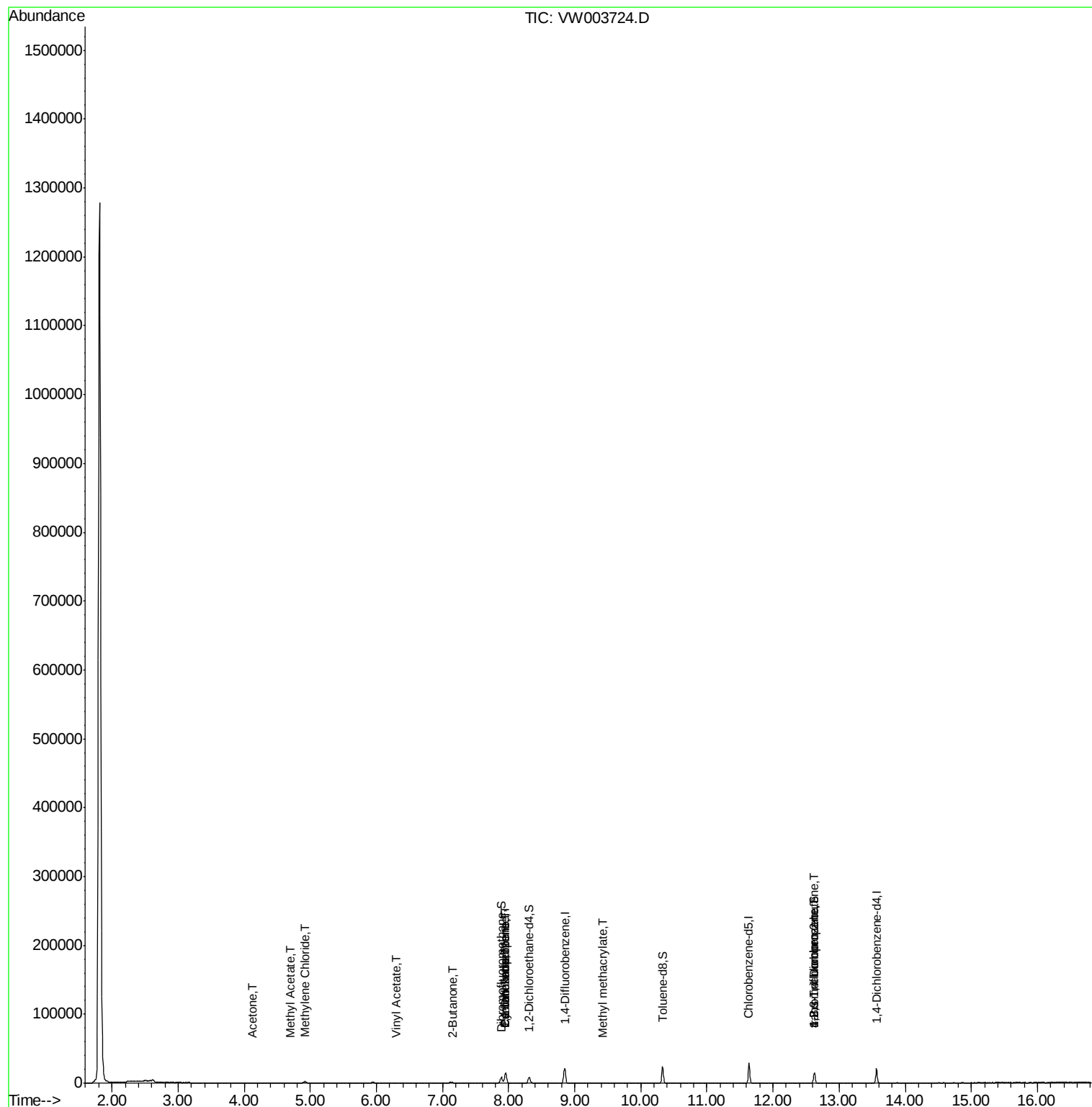
						Qvalue
16) Acetone	4.13	43	421	13.711	ug/l #	74
18) Methyl Acetate	4.70	43	41	1.333	ug/l #	53
20) Methylene Chloride	4.92	84	1328	8.522	ug/l	92
23) Vinyl Acetate	6.31	43	42	14.025	ug/l #	74
25) 2-Butanone	7.15	43	119	3.027	ug/l #	50
31) Cyclohexane	7.96	56	344	1.749	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	1025	6.061	ug/l #	42
38) Carbon Tetrachloride	7.96	117	1238	7.695	ug/l #	13
48) Methyl methacrylate	9.42	41	30	3.706	ug/l #	13
76) 1,2,3-Trichloropropane	12.62	75	2423	50.052	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	2423	106.056	ug/l #	9

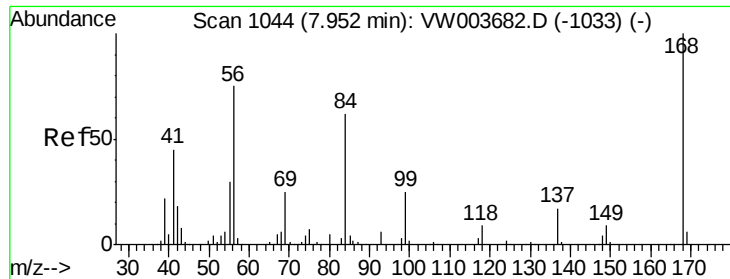
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW003724.D

Acq: 05 Jul 2018 16:35

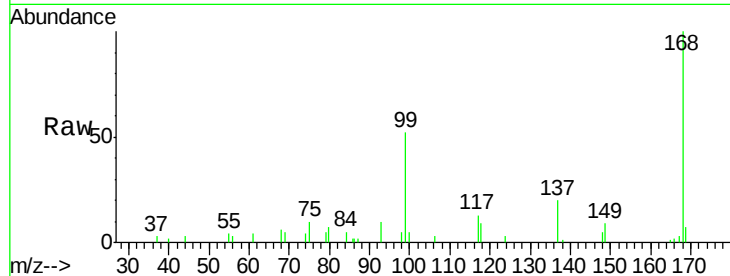
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 10789

Ion Ratio Lower Upper

168 100

99 51.9 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

5000

4000

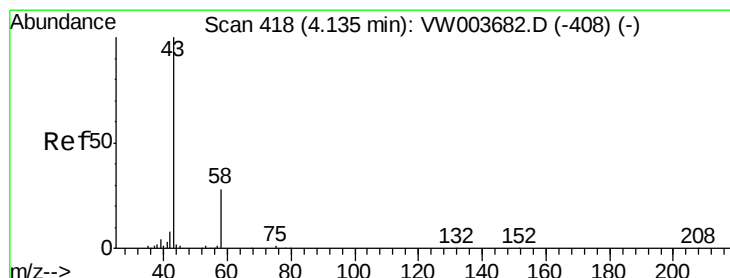
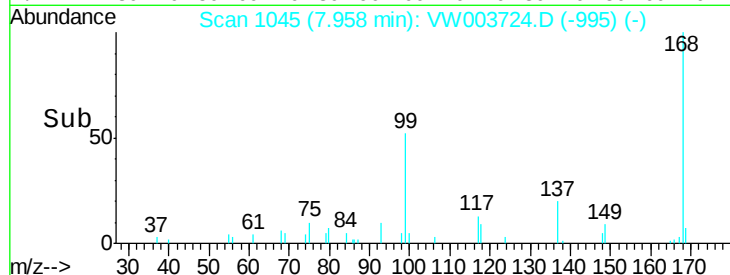
3000

2000

1000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 13.711 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003724.D

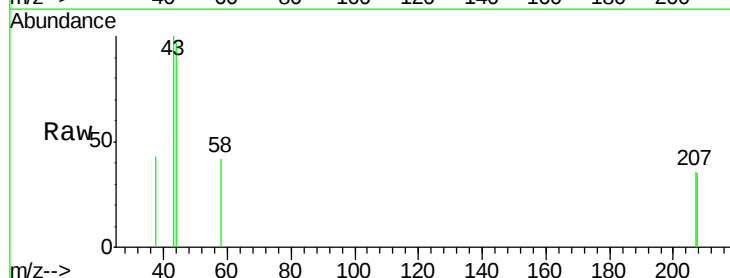
Acq: 05 Jul 2018 16:35

Tgt Ion: 43 Resp: 421

Ion Ratio Lower Upper

43 100

58 42.2 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

200

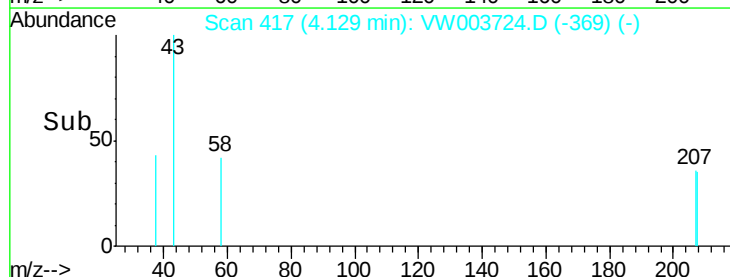
150

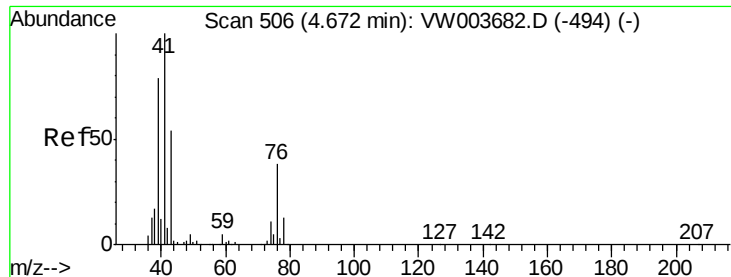
100

50

0

Time--> 4.05 4.10 4.15 4.20

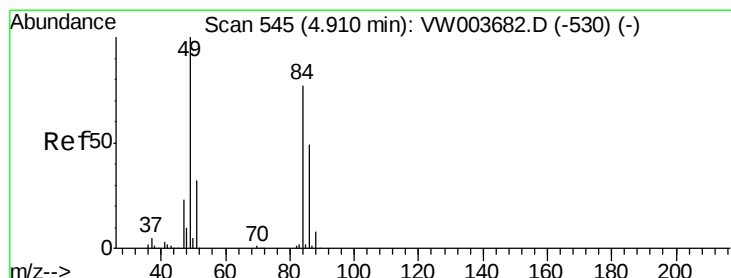
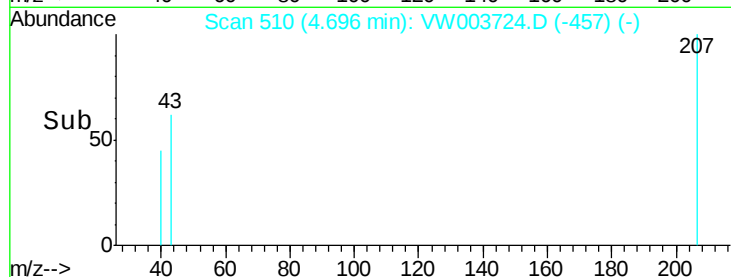
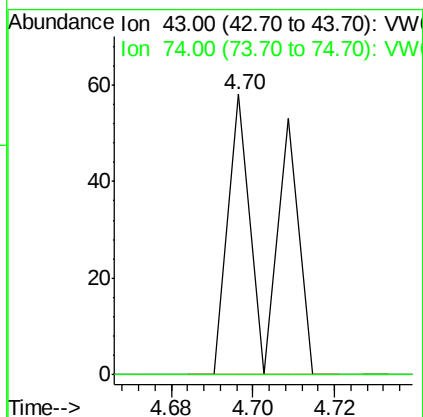
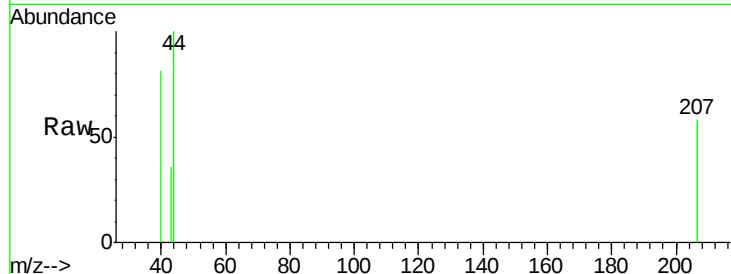




#18
Methyl Acetate
Concen: 1.333 ug/l
RT: 4.70 min Scan# 510
Delta R.T. 0.03 min
Lab File: VW003724.D
Acq: 05 Jul 2018 16:35

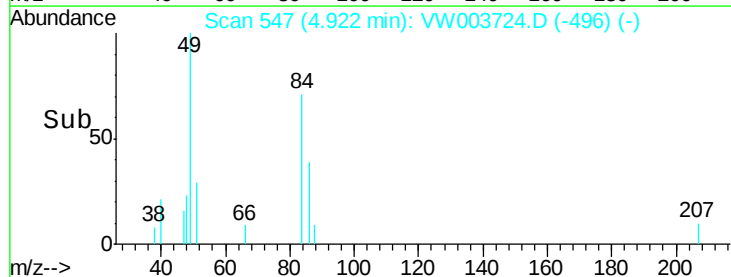
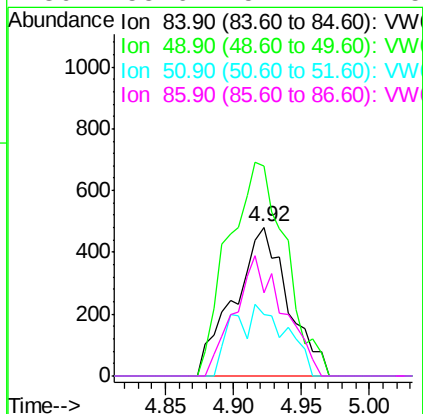
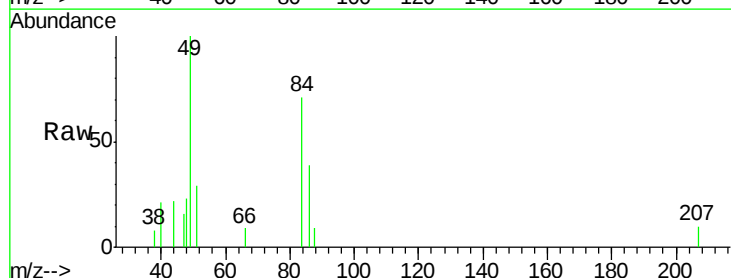
Instrument :
MSVOA_W
ClientSampleId :

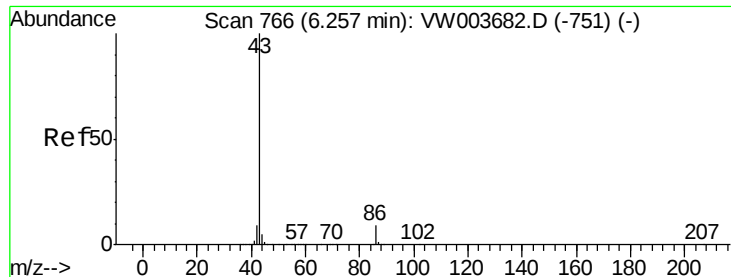
Tot Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#



#20
Methylene Chloride
Concen: 8.522 ug/l
RT: 4.92 min Scan# 547
Delta R.T. 0.01 min
Lab File: VW003724.D
Acq: 05 Jul 2018 16:35

Tgt Ion: 84 Resp: 1328
Ion Ratio Lower Upper
84 100
49 141.3 104.6 156.8
51 41.1 33.2 49.8
86 55.6 51.7 77.5





#23

Vinyl Acetate

Concen: 14.025 ug/l

RT: 6.31 min Scan# 774

Delta R.T. 0.05 min

Lab File: VW003724.D

Acq: 05 Jul 2018 16:35

Instrument :

MSVOA_W

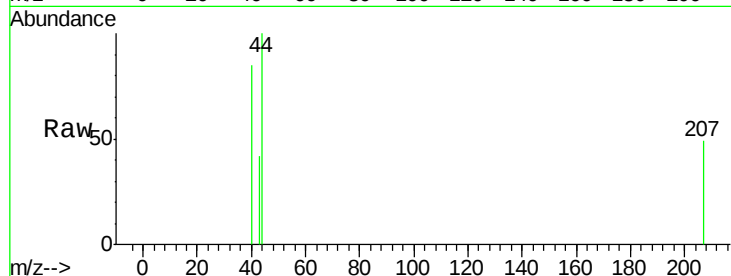
ClientSampleId :

Tot Ion: 43 Resp: 42

Ion Ratio Lower Upper

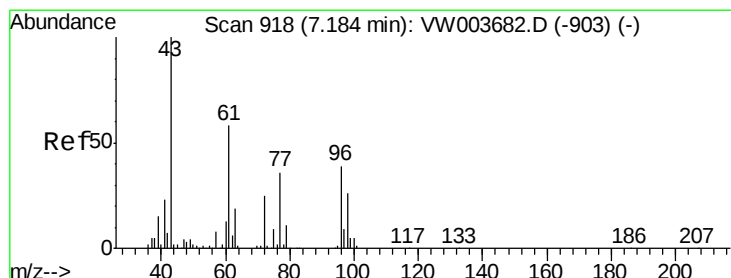
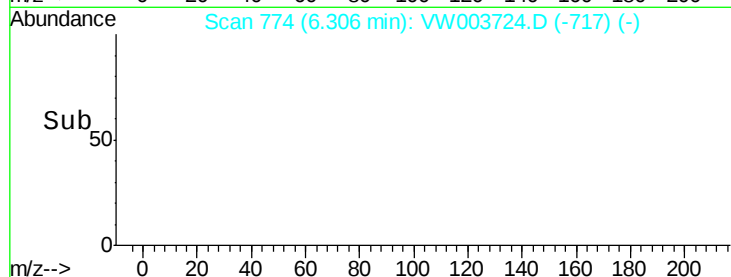
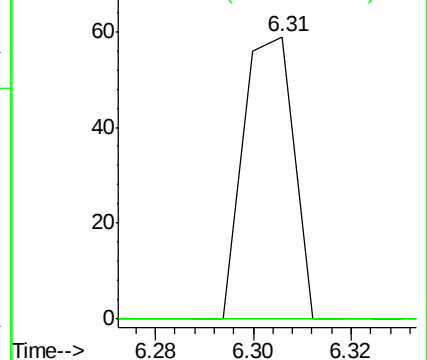
43 100

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: 3.027 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.04 min

Lab File: VW003724.D

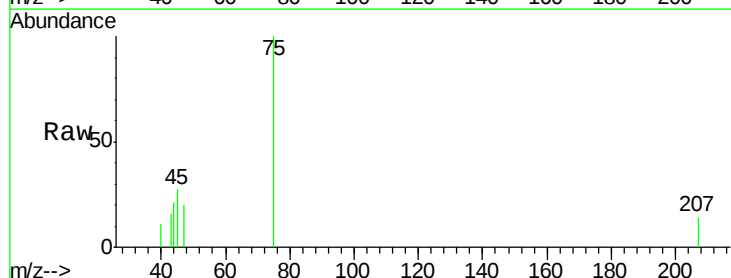
Acq: 05 Jul 2018 16:35

Tgt Ion: 43 Resp: 119

Ion Ratio Lower Upper

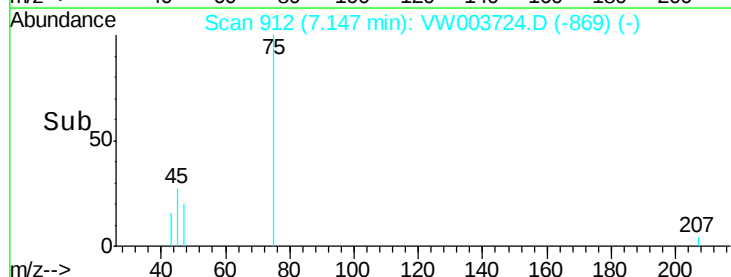
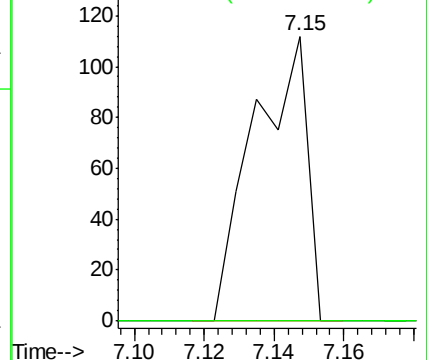
43 100

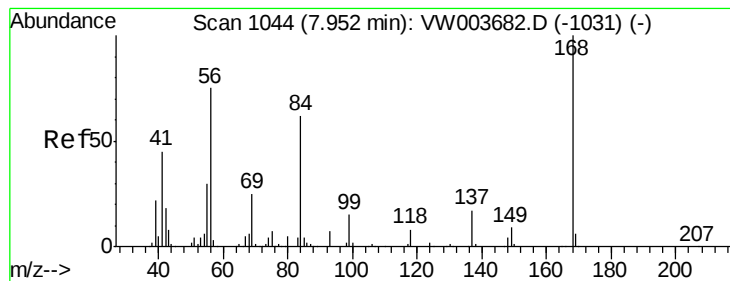
72 0.0 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.749 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW003724.D

Acq: 05 Jul 2018 16:35

Instrument :
MSVOA_W
ClientSampled :

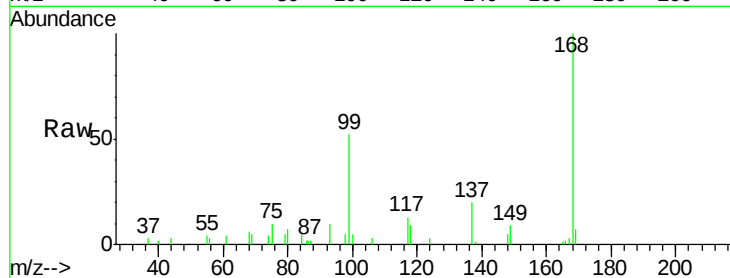
Tot Ion: 56 Resp: 344

Ion Ratio Lower Upper

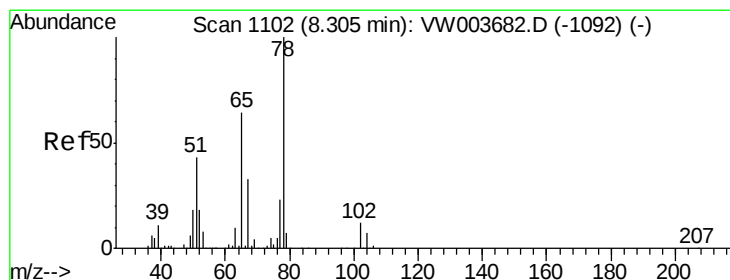
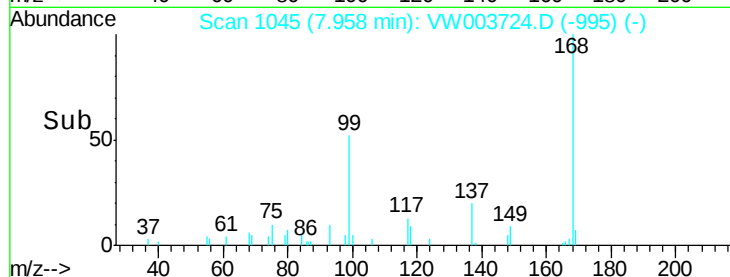
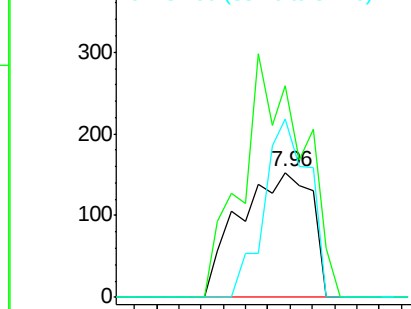
56 100

69 169.3 27.0 40.4#

84 142.5 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: 48.621 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003724.D

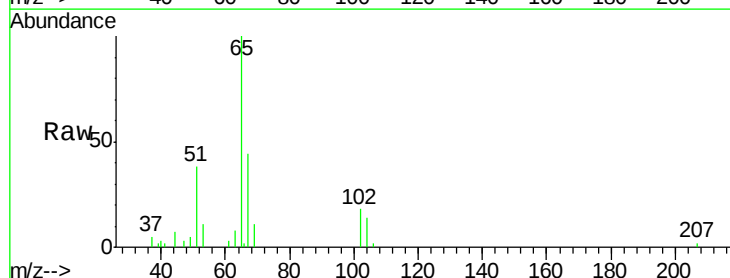
Acq: 05 Jul 2018 16:35

Tgt Ion: 65 Resp: 6254

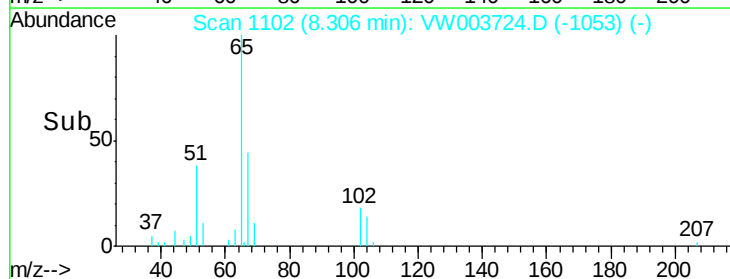
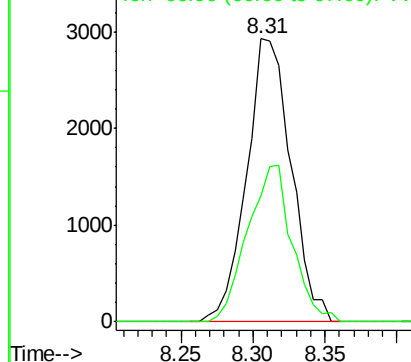
Ion Ratio Lower Upper

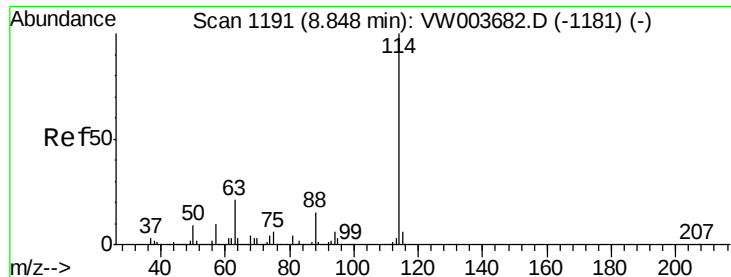
65 100

67 55.6 0.0 104.0



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

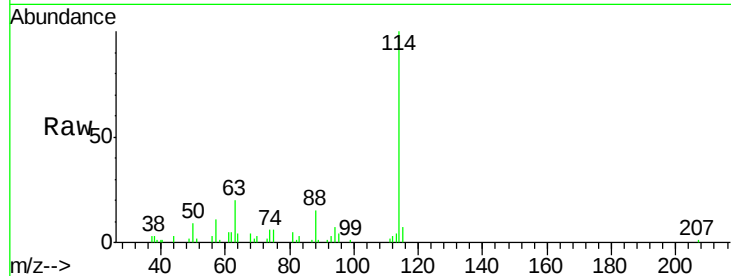




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003724.D
 Acq: 05 Jul 2018 16:35

Instrument :
 MSVOA_W
 ClientSampled :

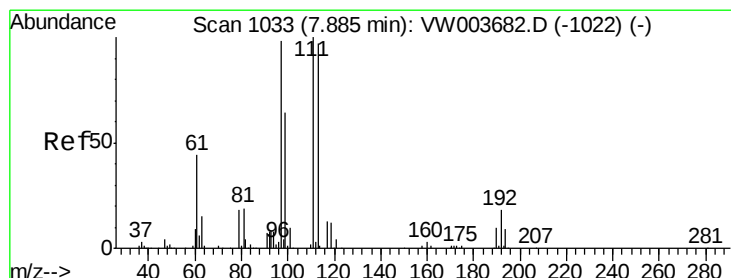
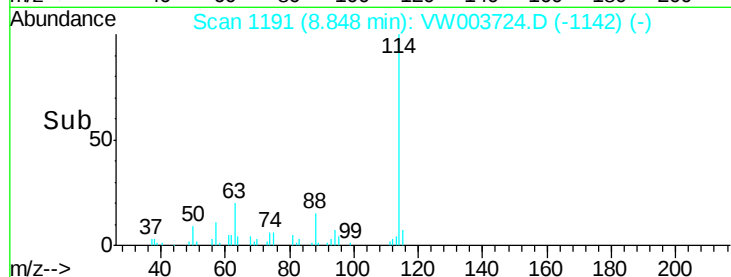
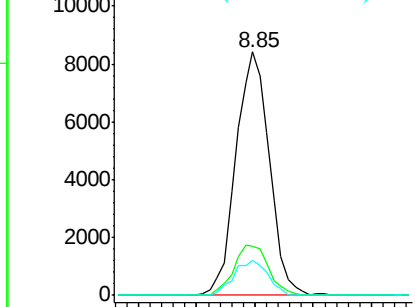
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.6
88	14.6	0.0	29.8



Abundance Ion 113.90 (113.60 to 114.60): V

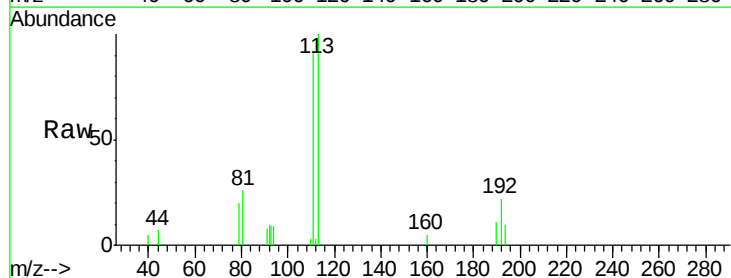
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 55.890 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003724.D
 Acq: 05 Jul 2018 16:35

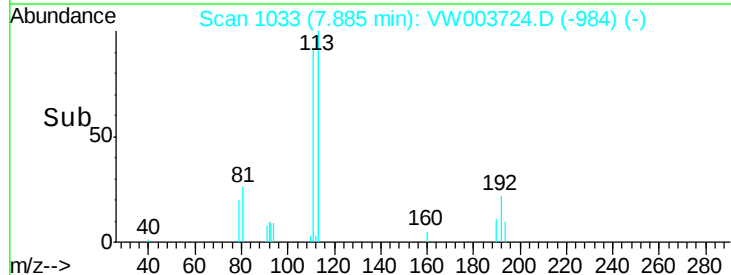
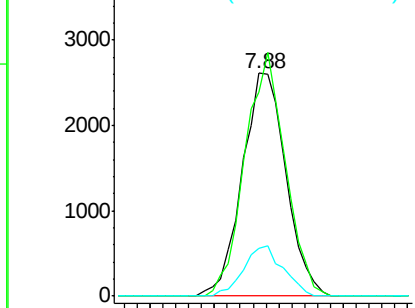
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.4	123.6
192	20.3	15.8	23.6

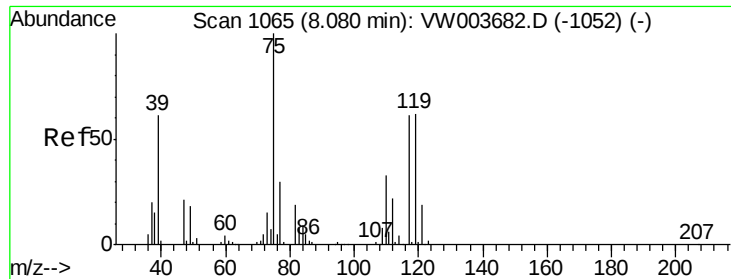


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 6.061 ug/l

RT: 7.95 min Scan# 1044

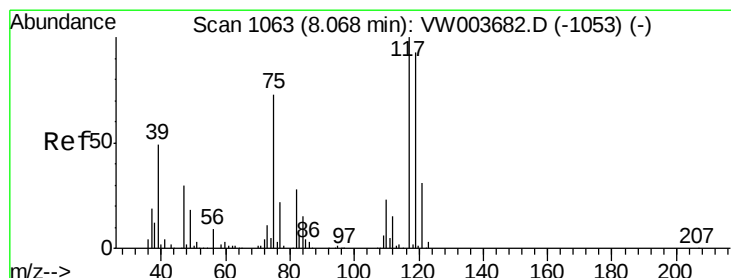
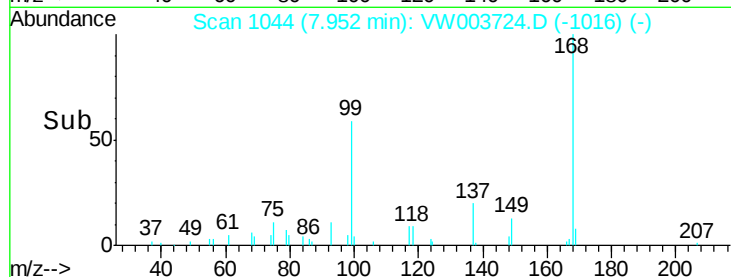
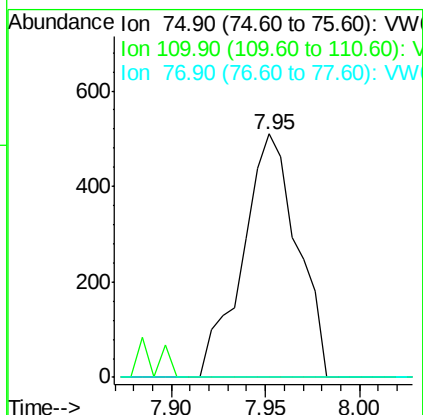
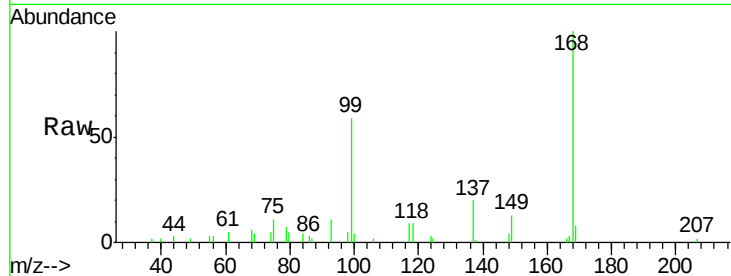
Delta R.T. -0.13 min

Lab File: VW003724.D

Acq: 05 Jul 2018 16:35

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 1025
Ion Ratio Lower Upper
75 100
110 0.0 16.9 50.6#
77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 7.695 ug/l

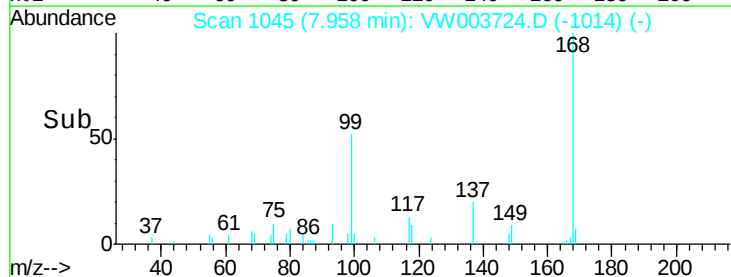
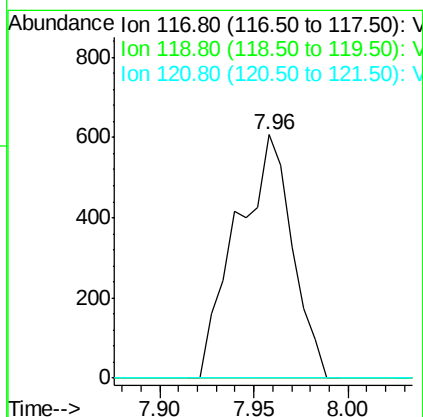
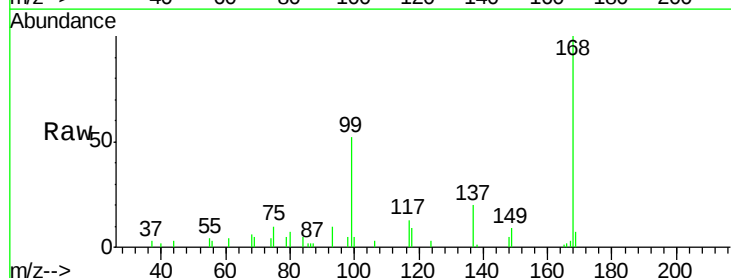
RT: 7.96 min Scan# 1045

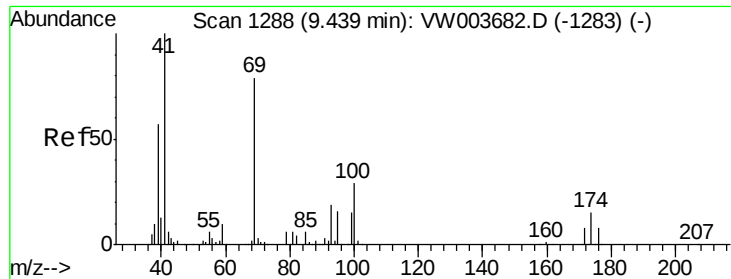
Delta R.T. -0.11 min

Lab File: VW003724.D

Acq: 05 Jul 2018 16:35

Tgt Ion: 117 Resp: 1238
Ion Ratio Lower Upper
117 100
119 0.0 74.1 111.1#
121 0.0 25.0 37.4#

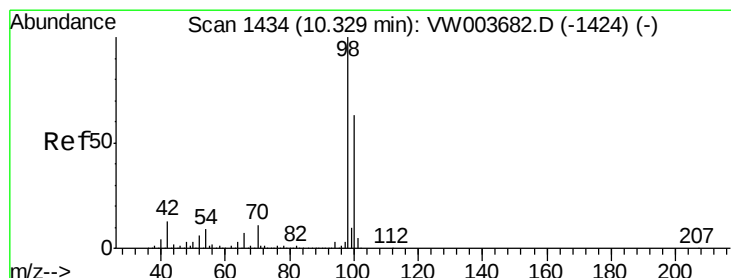
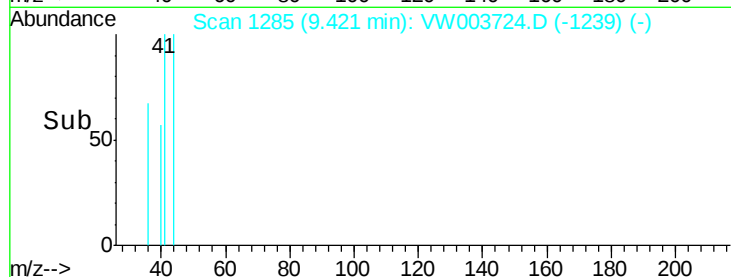
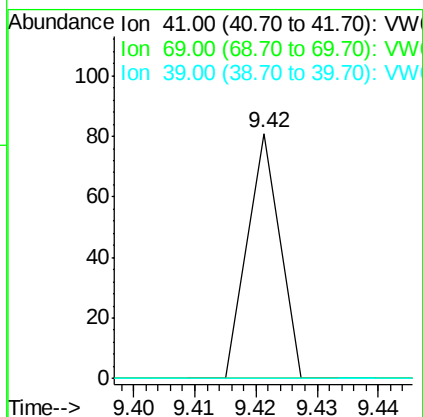
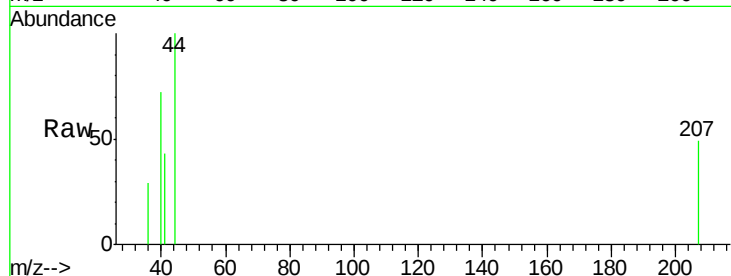




#48
Methvl methacrylate
Concen: 3.706 ug/l
RT: 9.42 min Scan# 1285
Delta R.T. -0.02 min
Lab File: VW003724.D
Acq: 05 Jul 2018 16:35

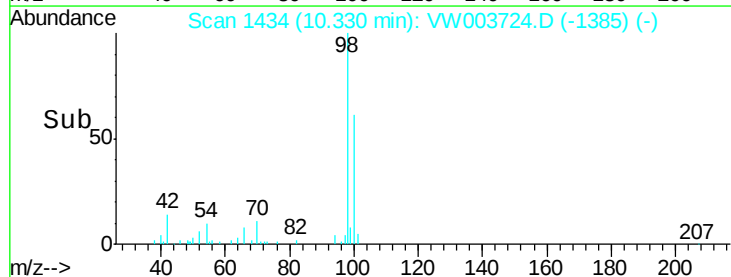
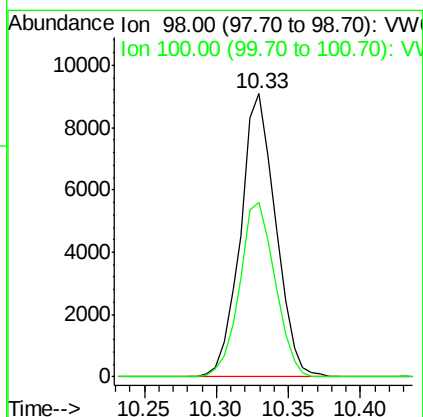
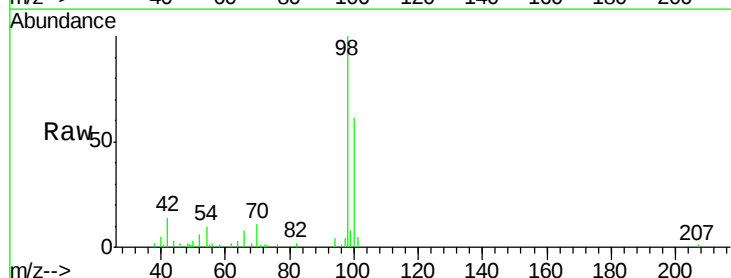
Instrument :
MSVOA_W
ClientSampled :

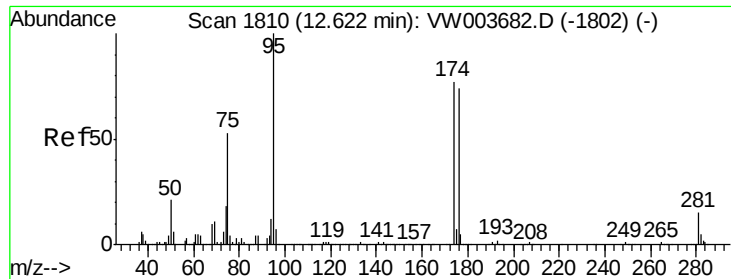
Tot Ion: 41 Resp: 30
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.2#
39 0.0 50.0 75.0#



#50
Toluene-d8
Concen: 35.568 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003724.D
Acq: 05 Jul 2018 16:35

Tgt Ion: 98 Resp: 15342
Ion Ratio Lower Upper
98 100
100 62.3 50.8 76.2

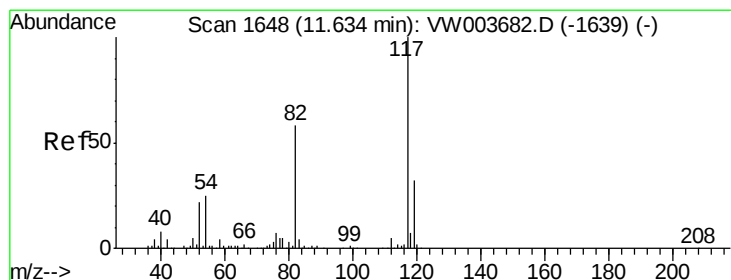
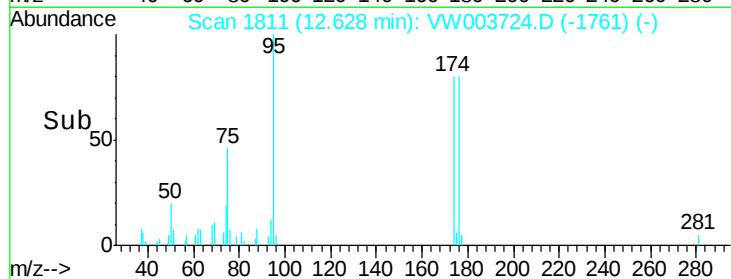
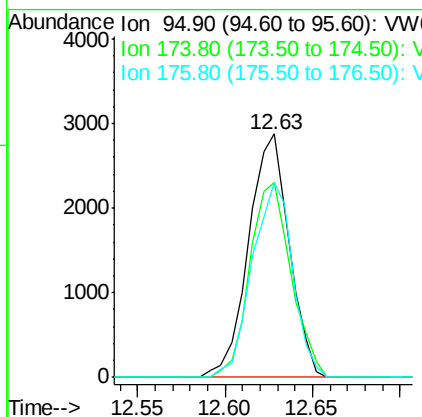
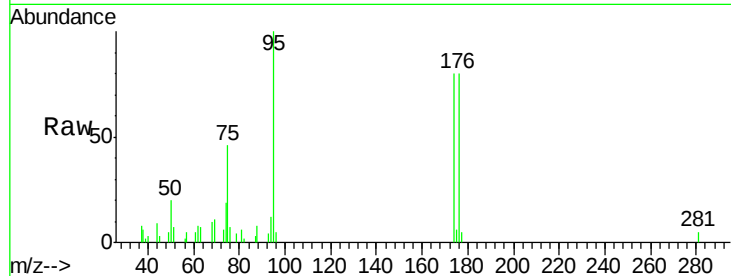




#62
4-Bromofluorobenzene
Concen: 29.975 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW003724.D
Acq: 05 Jul 2018 16:35

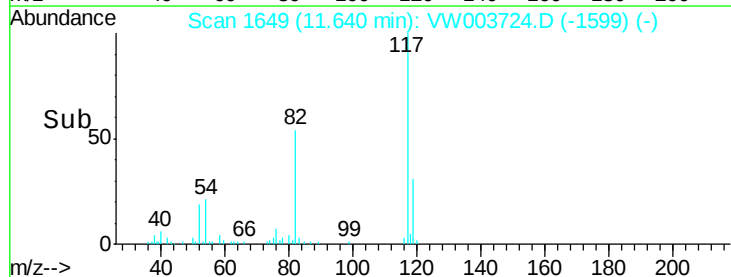
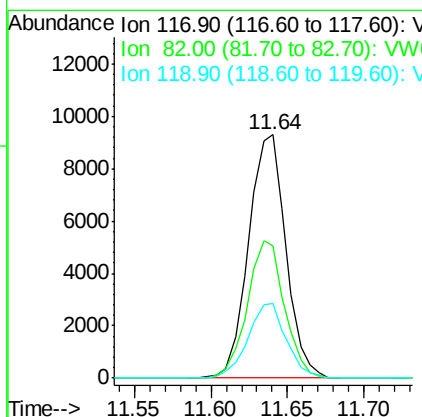
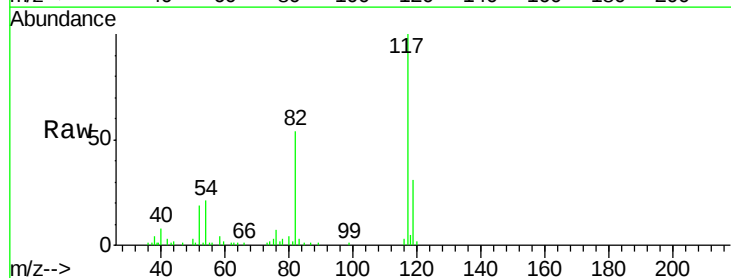
Instrument :
MSVOA_W
ClientSampleId :

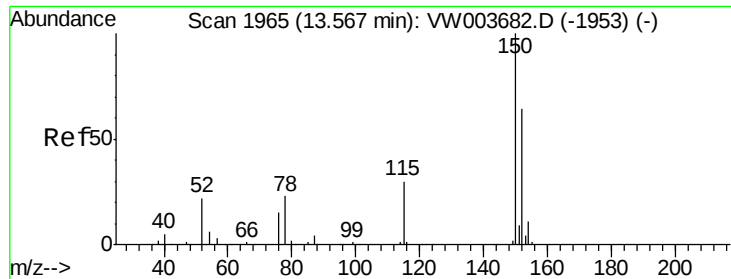
Tot Ion: 95 Resp: 4645
Ion Ratio Lower Upper
95 100
174 81.1 0.0 161.2
176 79.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW003724.D
Acq: 05 Jul 2018 16:35

Tgt Ion: 117 Resp: 15721
Ion Ratio Lower Upper
117 100
82 54.3 46.0 69.0
119 30.6 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: VW003724.D

Acq: 05 Jul 2018 16:35

Instrument :

MSVOA_W

ClientSampleId :

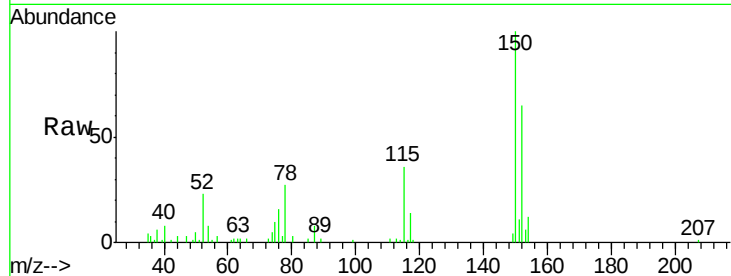
Tot Ion:152 Resp: 5384

Ion Ratio Lower Upper

152 100

115 55.4 29.3 88.0

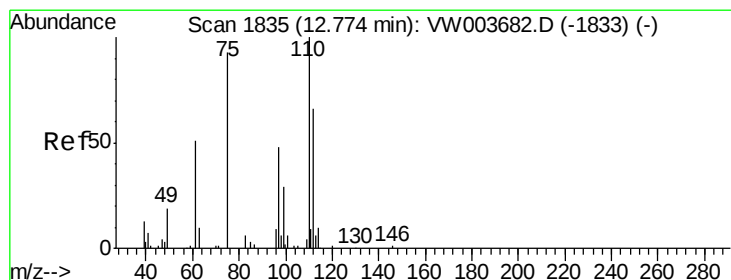
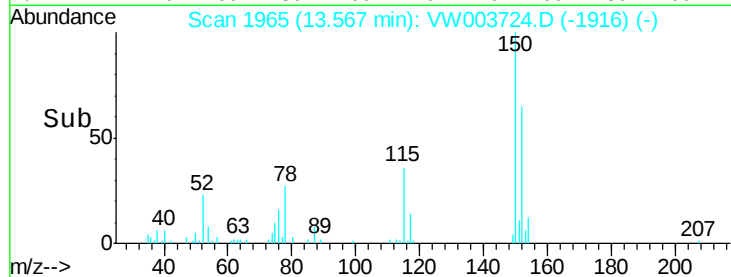
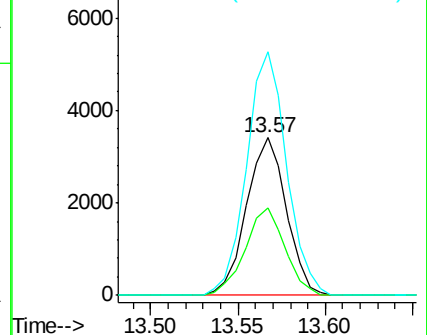
150 155.2 0.0 352.0



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: 50.052 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003724.D

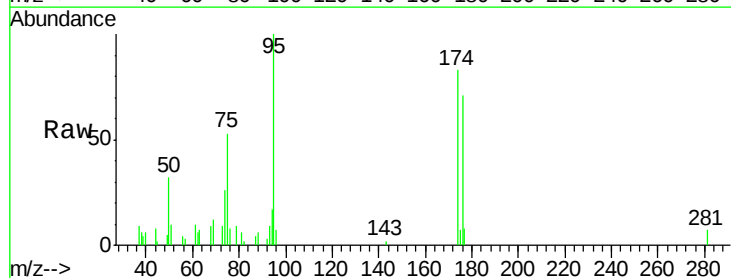
Acq: 05 Jul 2018 16:35

Tgt Ion: 75 Resp: 2423

Ion Ratio Lower Upper

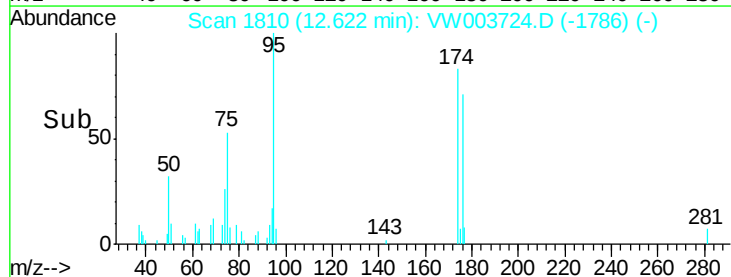
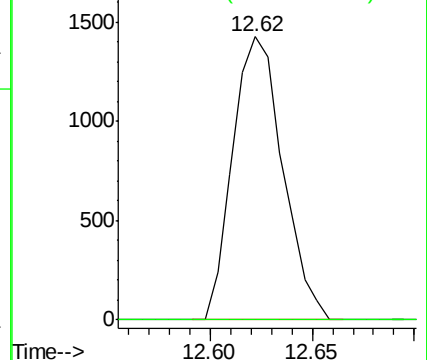
75 100

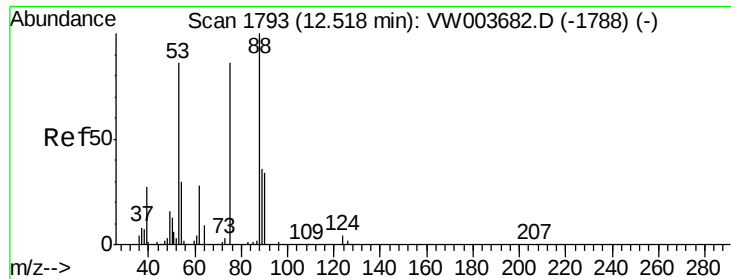
77 0.0 0.0 0.0



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: 106.056 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003724.D

Acq: 05 Jul 2018 16:35

Instrument :

MSVOA_W

ClientSampleId :

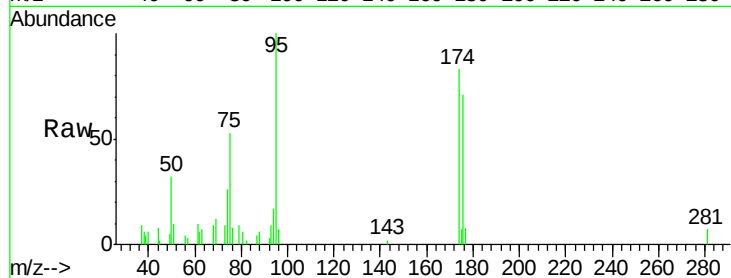
Tot Ion: 75 Resp: 2423

Ion Ratio Lower Upper

75 100

53 0.0 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

