

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003635.D
 Acq On : 28 Jun 2018 13:49
 Operator : SY/AP
 Sample : J3709-01RE
 Misc : 2.64G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 06:43:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	121339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	195625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	156460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	50449	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	91962	69.97	ug/l	0.00
Spiked Amount			Recovery	=	139.94%	
35) Dibromofluoromethane	7.88	113	76929	63.29	ug/l	0.00
Spiked Amount			Recovery	=	126.58%	
50) Toluene-d8	10.33	98	233524	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.63	95	61251	35.91	ug/l	0.00
Spiked Amount			Recovery	=	71.82%	

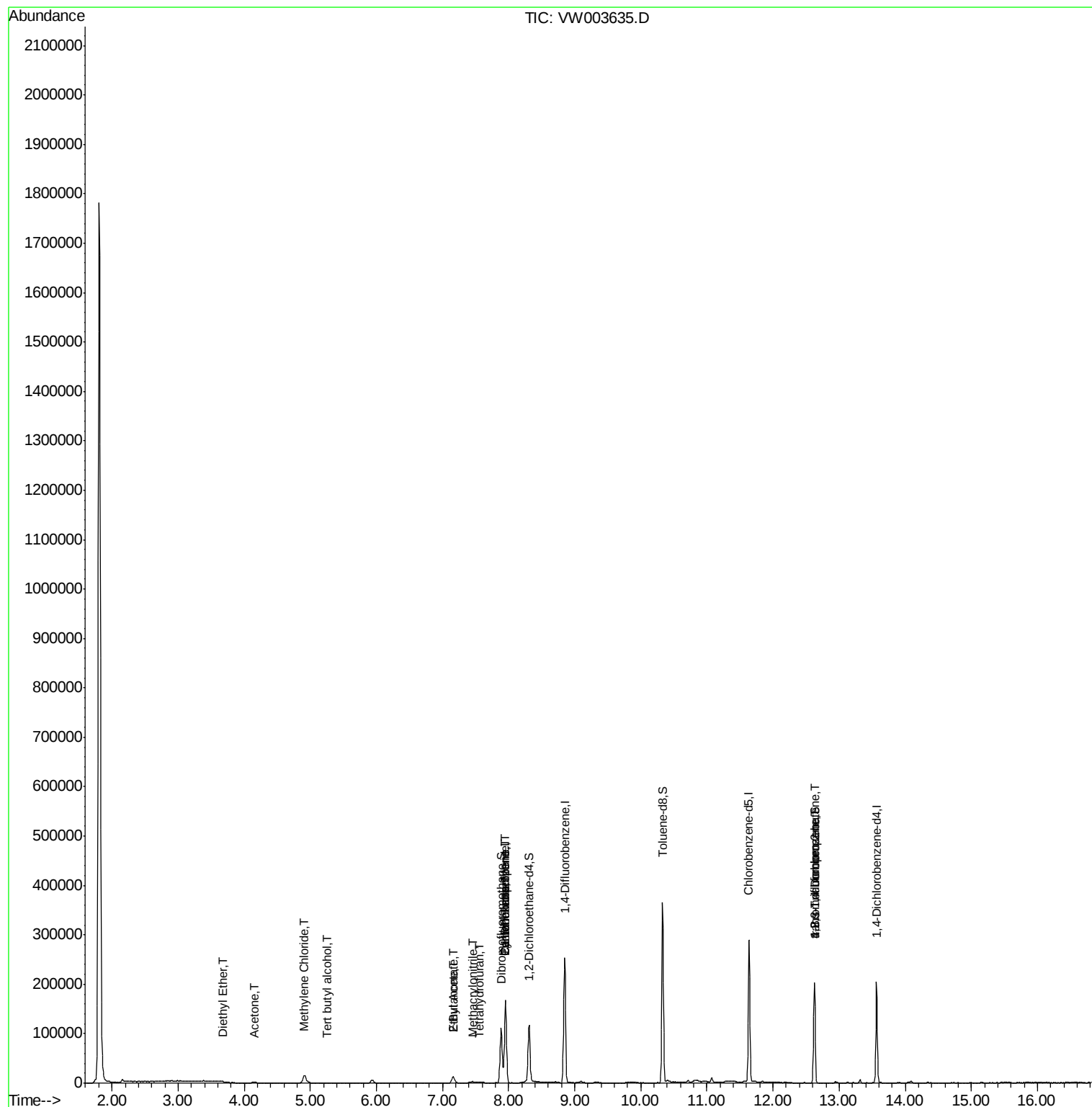
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	781	1.313	ug/l #	45
11) Tert butyl alcohol	5.25	59	99	1.405	ug/l #	84
16) Acetone	4.15	43	2368	8.591	ug/l #	76
20) Methylene Chloride	4.92	84	12951	7.975	ug/l #	88
25) 2-Butanone	7.16	43	1017	2.967	ug/l #	50
29) Tetrahydrofuran	7.56	42	780	3.723	ug/l #	81
31) Cyclohexane	7.96	56	3064	1.443	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	9939	5.261	ug/l #	49
37) Ethyl Acetate	7.16	43	1017	1.299	ug/l #	1
38) Carbon Tetrachloride	7.96	117	12253	6.612	ug/l #	15
41) Methacrylonitrile	7.45	41	1237	2.576	ug/l #	51
76) 1,2,3-Trichloropropane	12.63	75	33366	77.365	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	33366	178.021	ug/l #	9

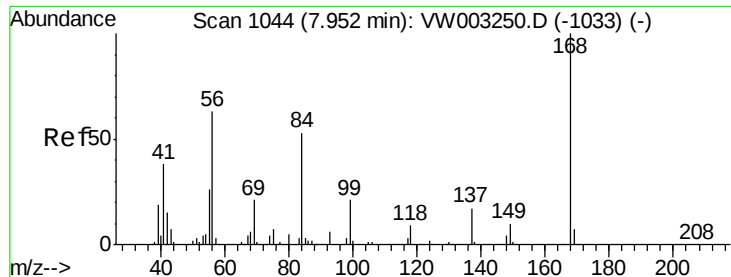
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 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: VW003635.D

Acq: 28 Jun 2018 13:49

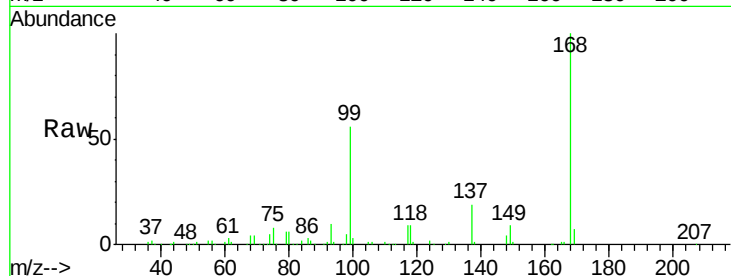
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 121339

Ion Ratio Lower Upper

168 100

99 56.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

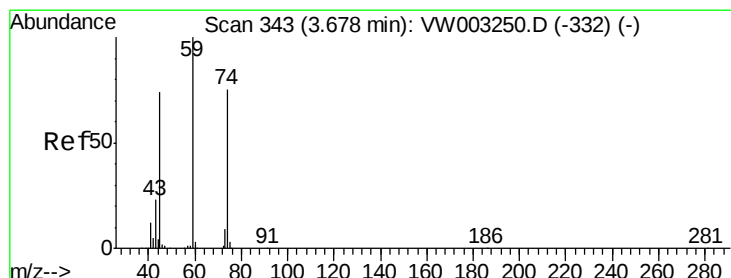
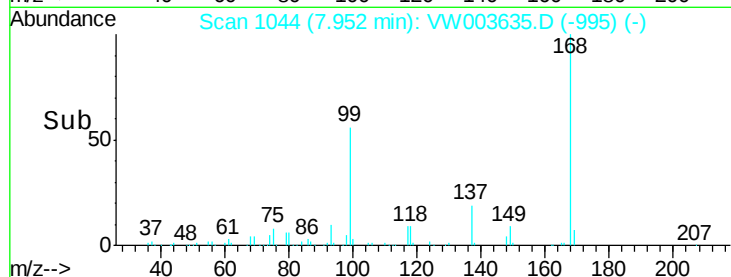
30000

20000

10000

0

Time-->



#8

Diethyl Ether

Concen: 1.313 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.00 min

Lab File: VW003635.D

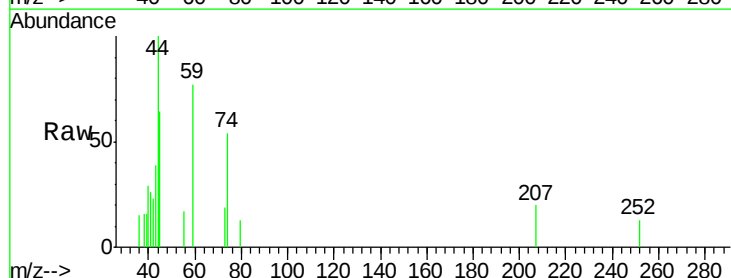
Acq: 28 Jun 2018 13:49

Tgt Ion: 74 Resp: 781

Ion Ratio Lower Upper

74 100

45 158.6 51.4 154.2#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

400

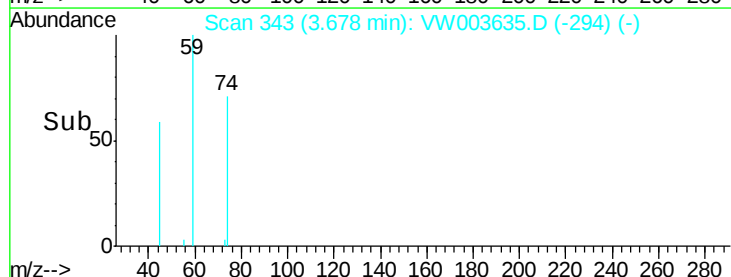
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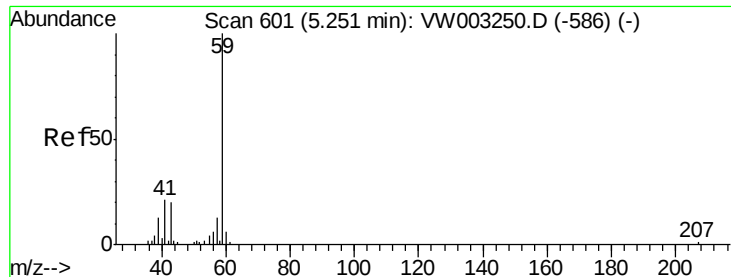
200

100

0

Time-->



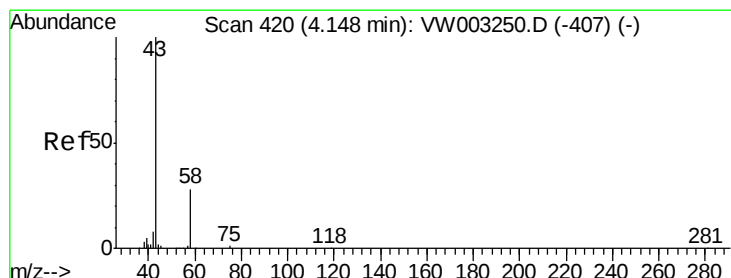
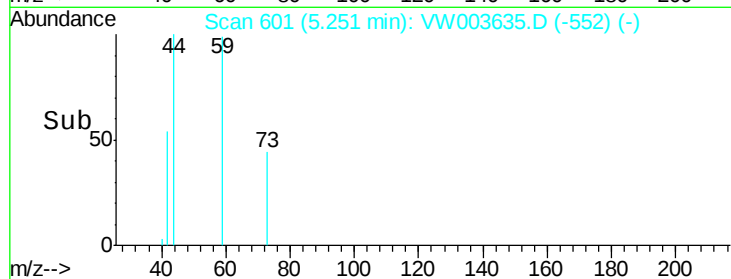
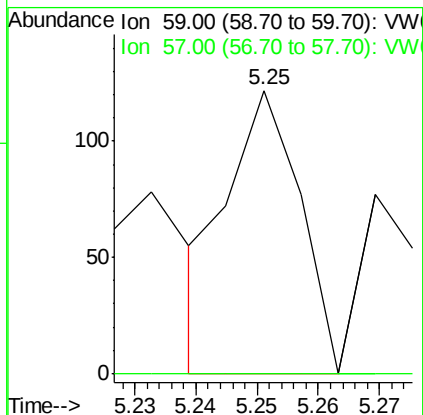
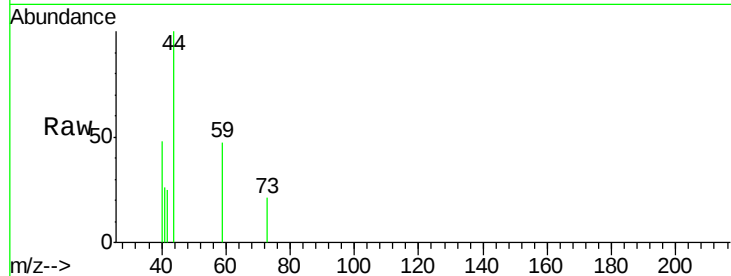


#11

Tert butvl alcohol
Concen: 1.405 ug/l
RT: 5.25 min Scan# 601
Delta R.T. 0.00 min
Lab File: VW003635.D
Acq: 28 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampled :

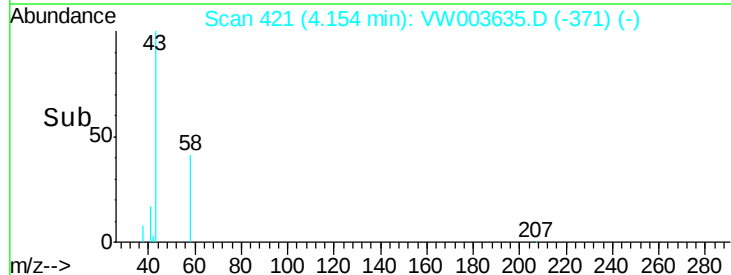
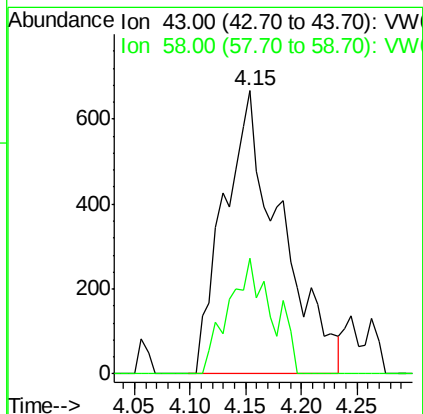
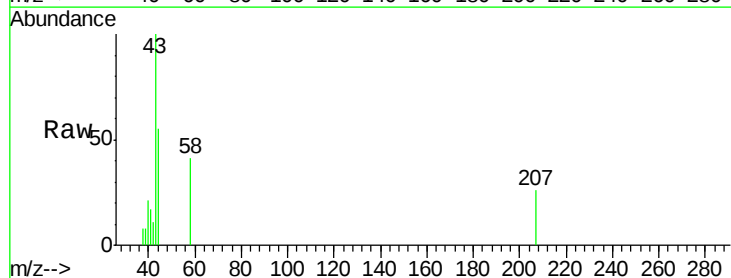
Tot Ion: 59 Resp: 99
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#

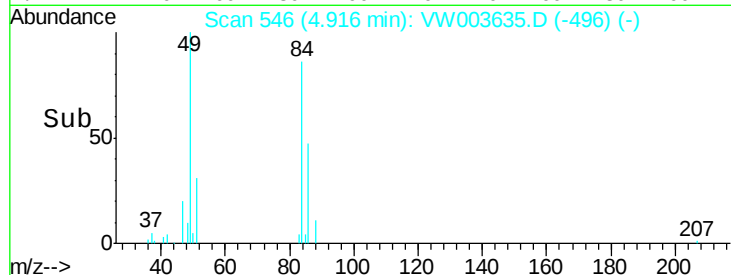
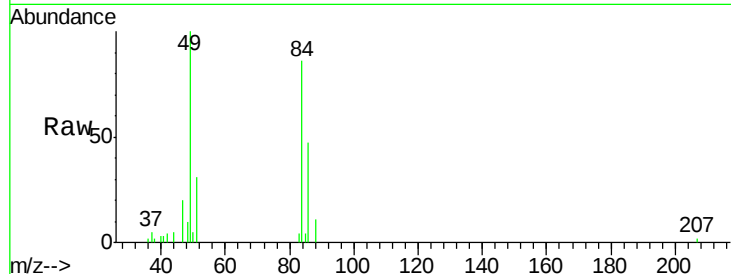
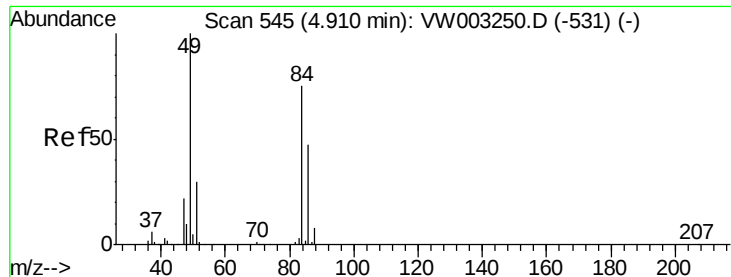


#16

Acetone
Concen: 8.591 ug/l
RT: 4.15 min Scan# 421
Delta R.T. 0.01 min
Lab File: VW003635.D
Acq: 28 Jun 2018 13:49

Tgt Ion: 43 Resp: 2368
Ion Ratio Lower Upper
43 100
58 41.1 22.6 34.0#

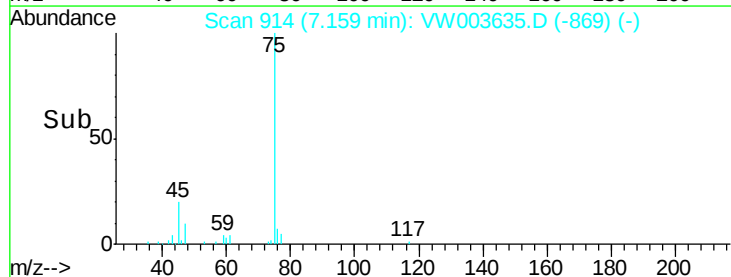
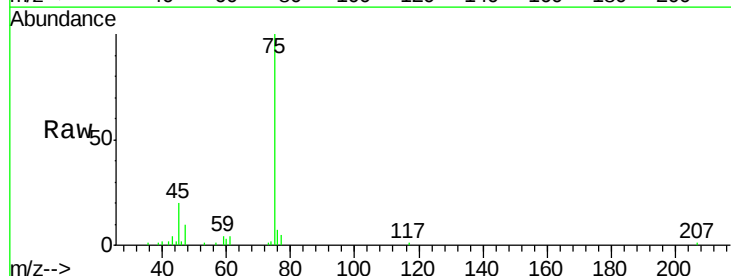
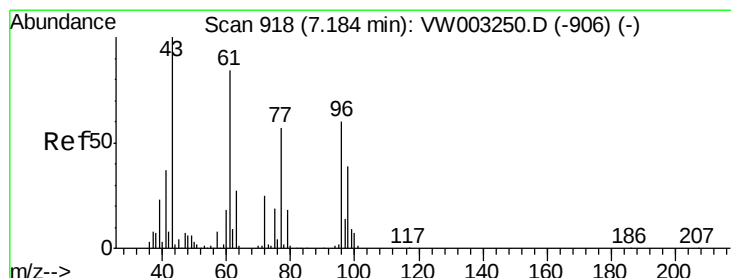
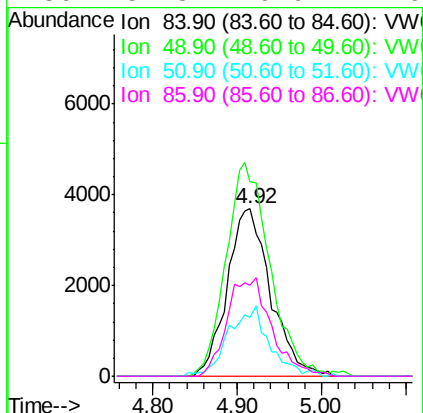




#20
Methvlene Chloride
Concen: 7.975 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003635.D
Acq: 28 Jun 2018 13:49

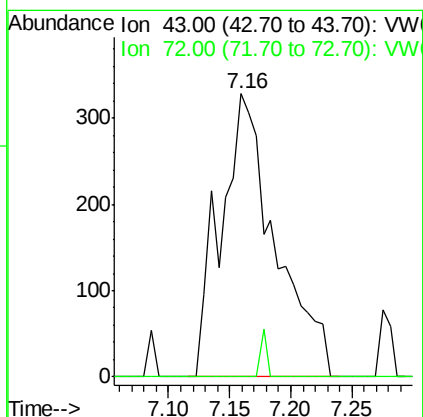
Instrument :
MSVOA_W
ClientSampleId :

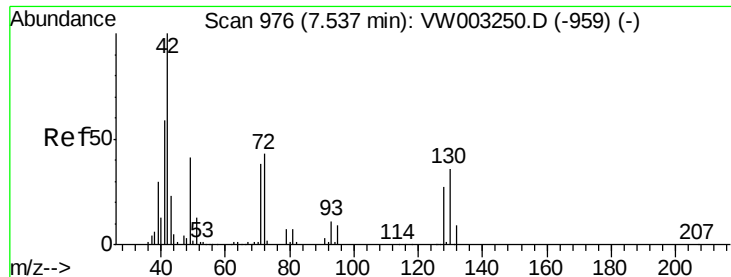
Tot Ion: 84	Resp: 12951
Ion Ratio	Lower Upper
84 100	
49 116.2	106.3 159.5
51 35.5	32.0 48.0
86 54.3	49.9 74.9



#25
2-Butanone
Concen: 2.967 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW003635.D
Acq: 28 Jun 2018 13:49

Tgt Ion: 43	Resp: 1017
Ion Ratio	Lower Upper
43 100	
72 0.0	20.3 30.5#

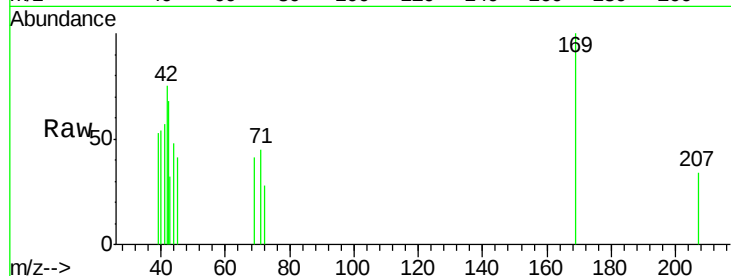




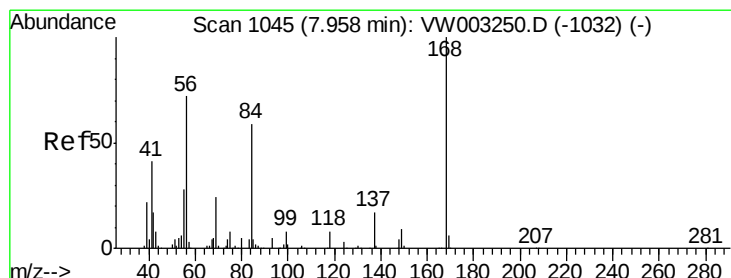
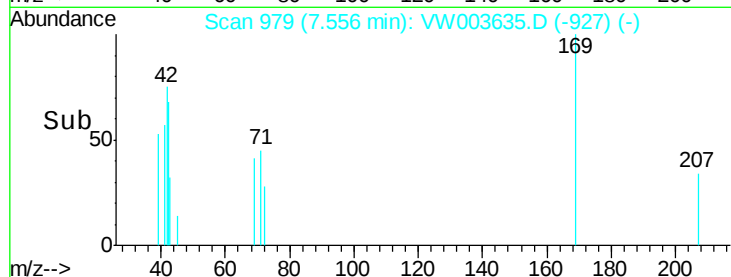
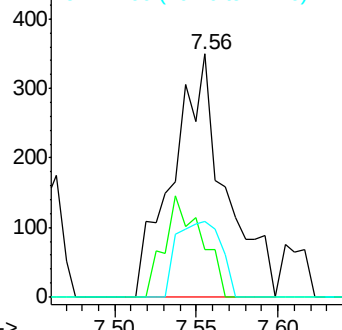
#29
Tetrahydrofuran
Concen: 3.723 ug/l
RT: 7.56 min Scan# 979
Delta R.T. 0.02 min
Lab File: VW003635.D
Acq: 28 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 42 Resp: 780
Ion Ratio Lower Upper
42 100
72 29.4 32.4 48.6#
71 26.3 31.2 46.8#

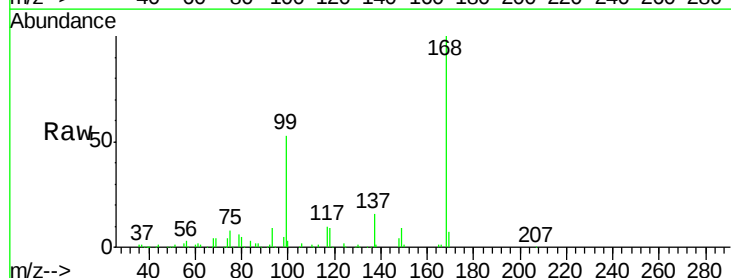


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

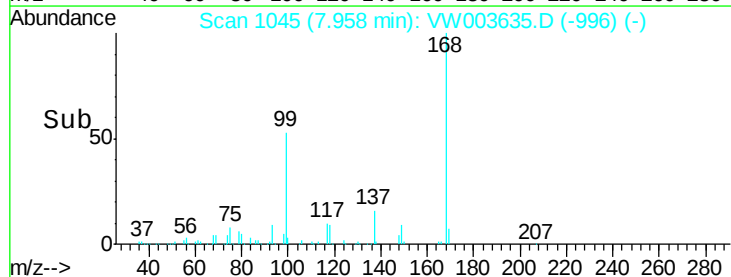
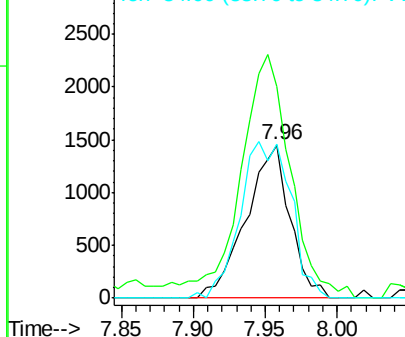


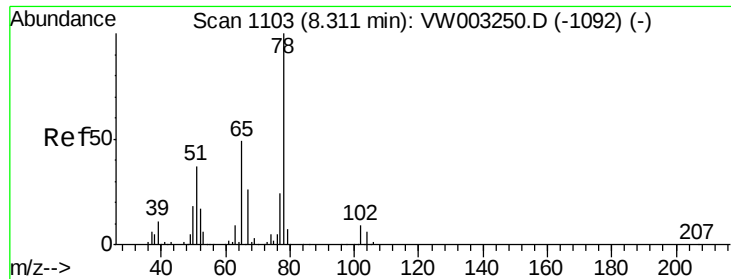
#31
Cyclohexane
Concen: 1.443 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003635.D
Acq: 28 Jun 2018 13:49

Tgt Ion: 56 Resp: 3064
Ion Ratio Lower Upper
56 100
69 133.8 26.3 39.5#
84 100.2 65.7 98.5#



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: 69.971 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003635.D

Acq: 28 Jun 2018 13:49

Instrument :

MSVOA_W

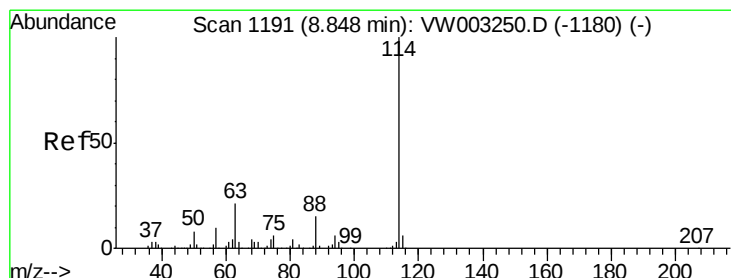
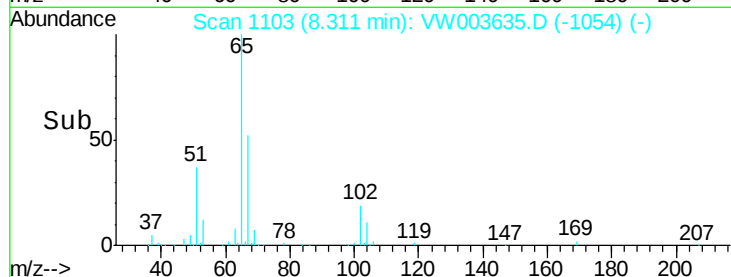
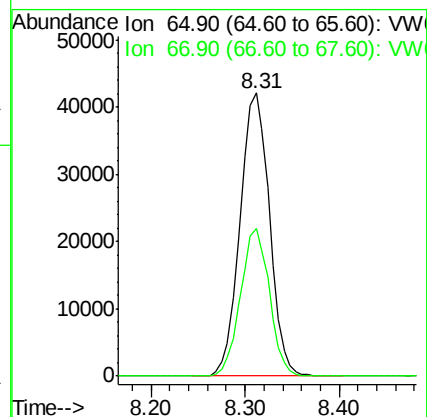
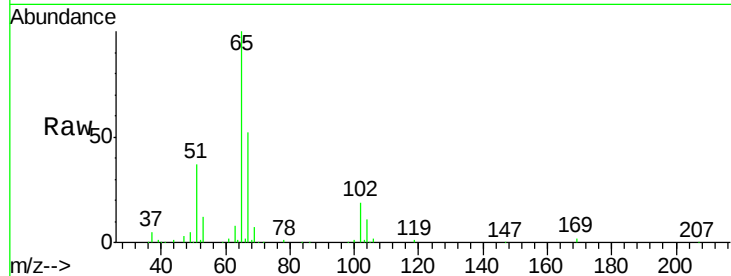
ClientSampleId :

Tot Ion: 65 Resp: 91962

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003635.D

Acq: 28 Jun 2018 13:49

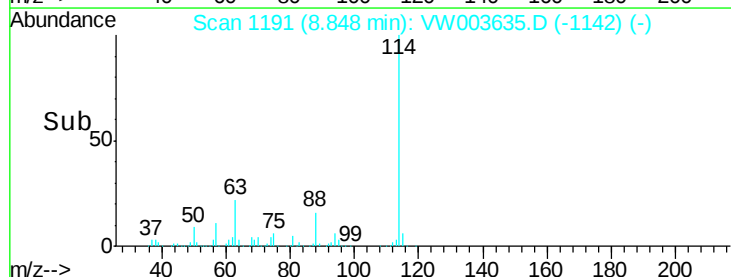
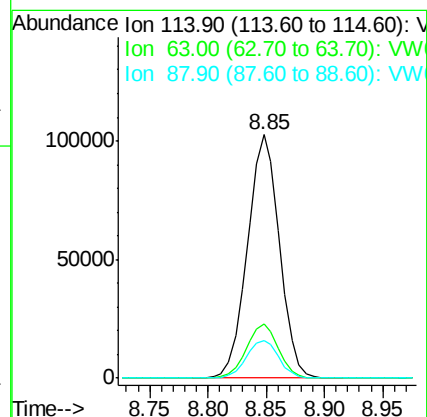
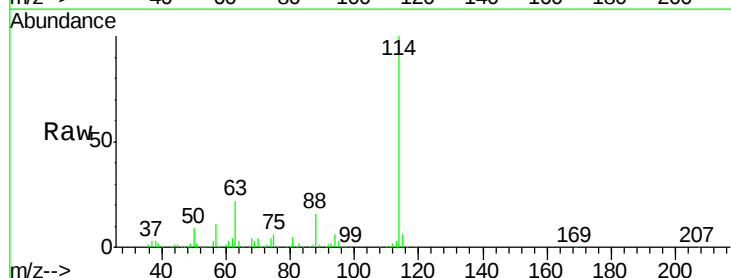
Tgt Ion: 114 Resp: 195625

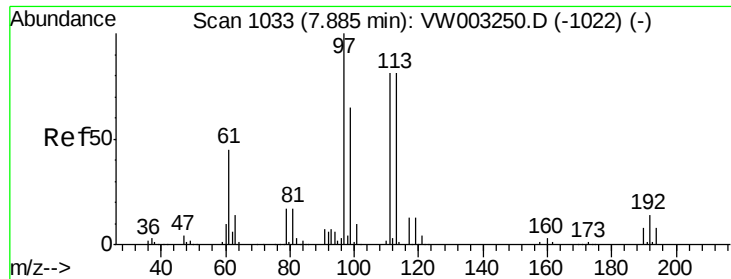
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.0

88 15.7 0.0 29.6

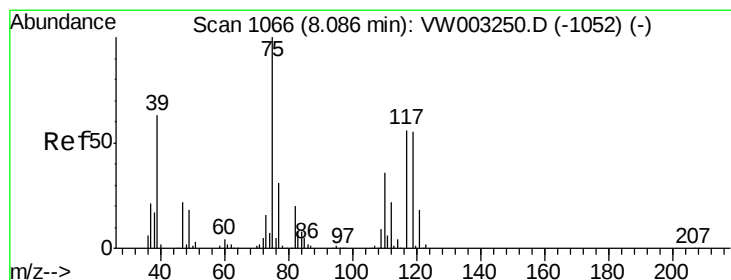
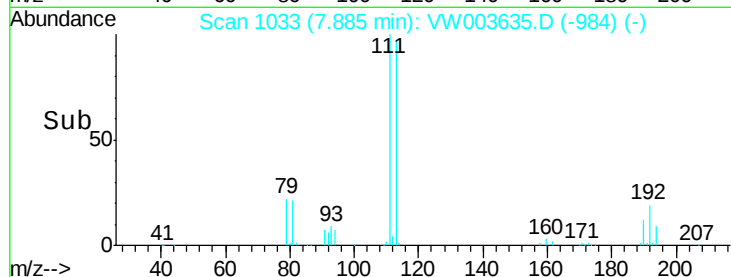
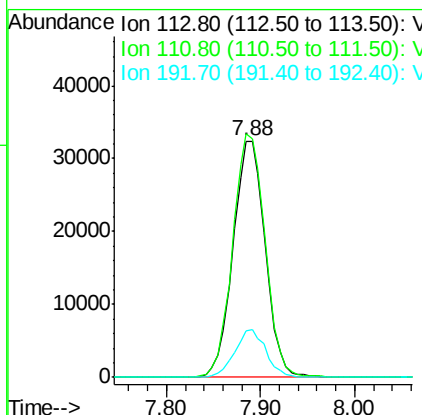
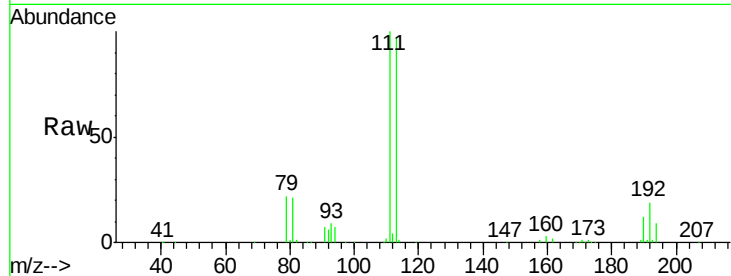




#35
Dibromofluoromethane
Concen: 63.287 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003635.D
Acq: 28 Jun 2018 13:49

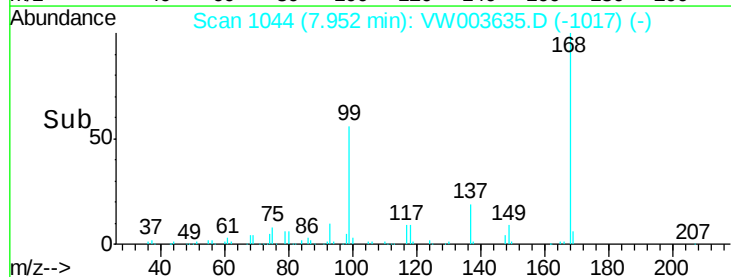
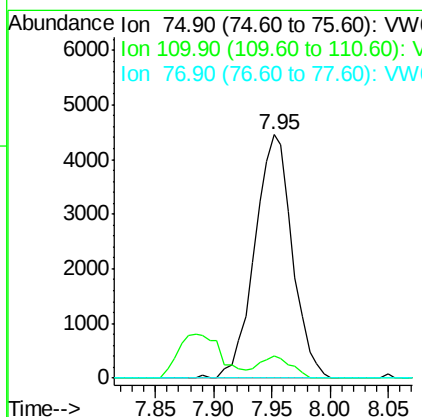
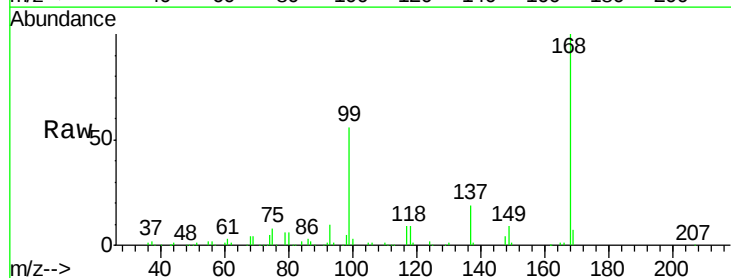
Instrument :
MSVOA_W
ClientSampleId :

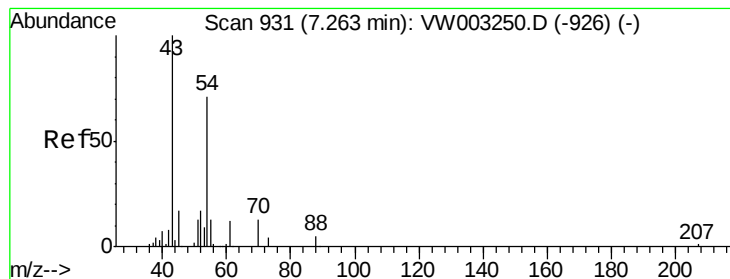
Tot Ion:113 Resp: 76929
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 19.7 16.2 24.2



#36
1,1-Dichloropropene
Concen: 5.261 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.13 min
Lab File: VW003635.D
Acq: 28 Jun 2018 13:49

Tgt Ion: 75 Resp: 9939
Ion Ratio Lower Upper
75 100
110 7.8 17.1 51.3#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.299 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.10 min

Lab File: VW003635.D

Acq: 28 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampled :

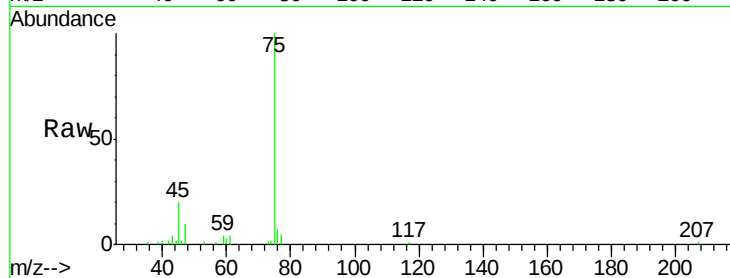
Tot Ion: 43 Resp: 1017

Ion Ratio Lower Upper

43 100

61 97.2 10.8 16.2#

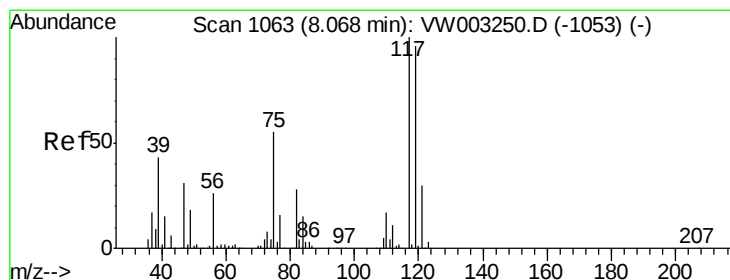
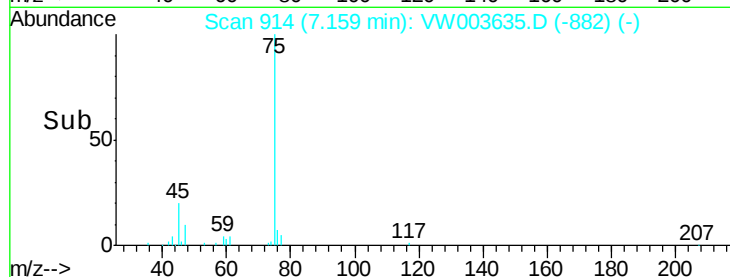
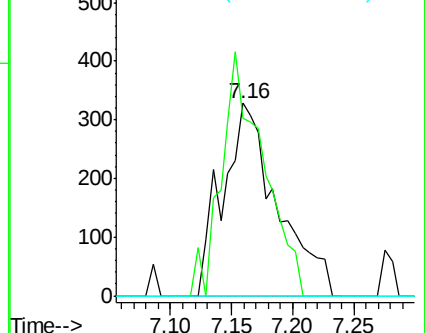
70 0.0 7.8 11.6#



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: 6.612 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.11 min

Lab File: VW003635.D

Acq: 28 Jun 2018 13:49

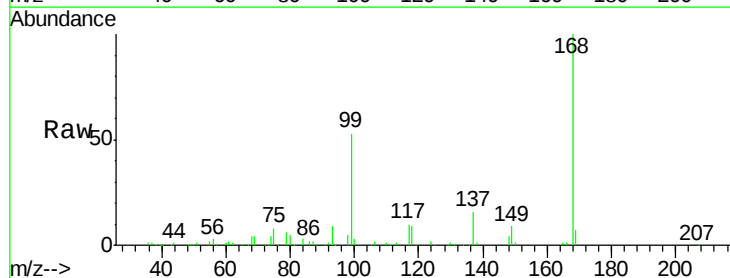
Tgt Ion: 117 Resp: 12253

Ion Ratio Lower Upper

117 100

119 4.3 76.6 115.0#

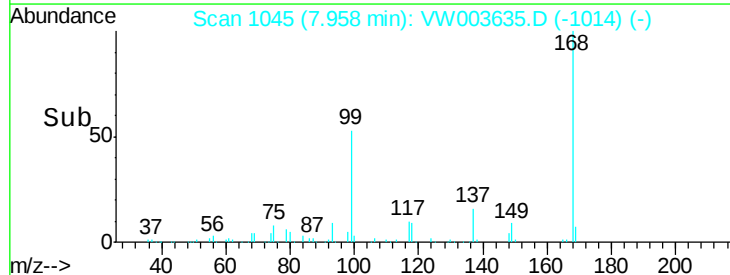
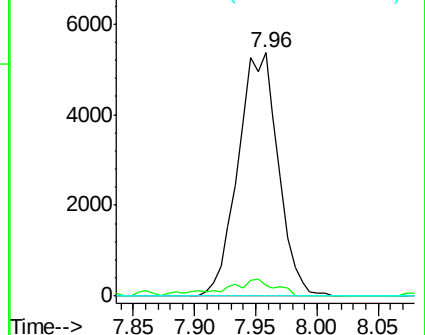
121 0.0 23.9 35.9#

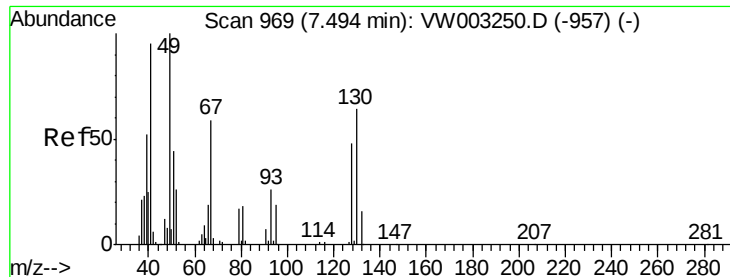


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

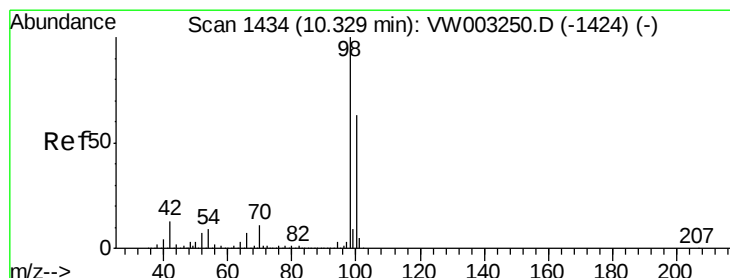
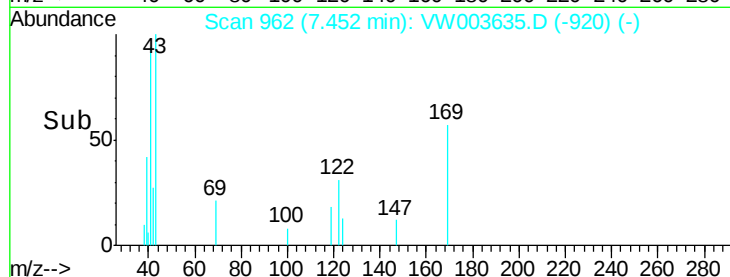
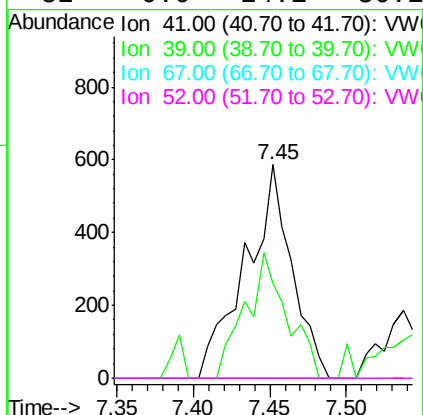
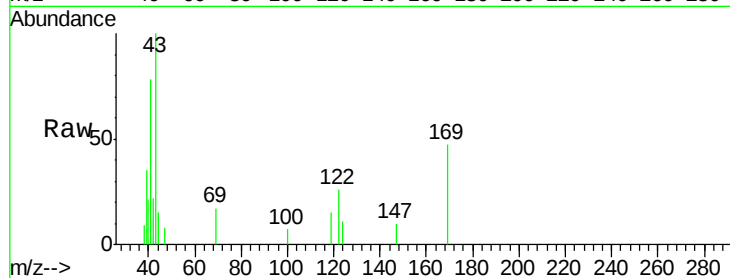




#41
Methacrylonitrile
Concen: 2.576 ug/l
RT: 7.45 min Scan# 962
Delta R.T. -0.04 min
Lab File: VW003635.D
Acq: 28 Jun 2018 13:49

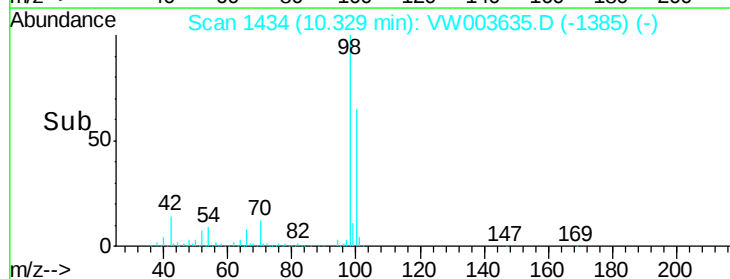
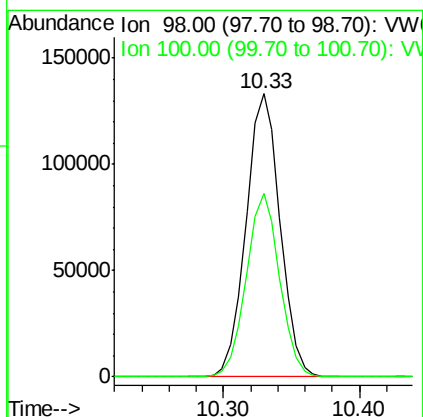
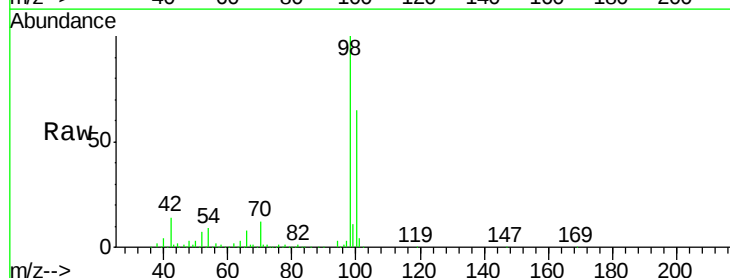
Instrument :
MSVOA_W
ClientSampleId :

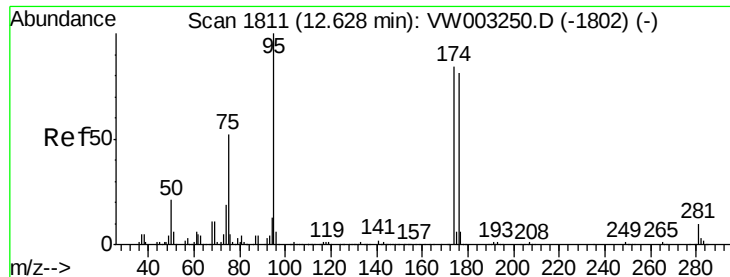
Tot Ion:	41	Resp:	1237
Ion	Ratio	Lower	Upper
41	100		
39	53.0	45.8	68.8
67	0.0	52.3	78.5#
52	0.0	24.1	36.1#



#50
Toluene-d8
Concen: 48.450 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003635.D
Acq: 28 Jun 2018 13:49

Tgt Ion:	98	Resp:	233524
Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.8	76.2

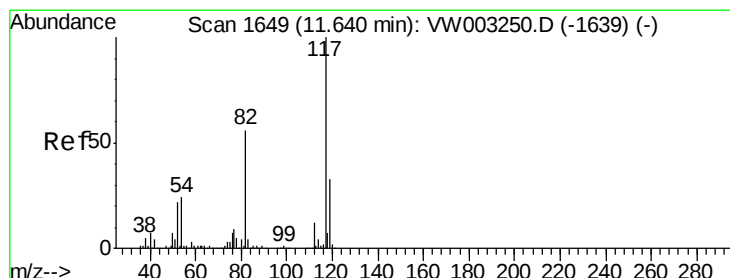
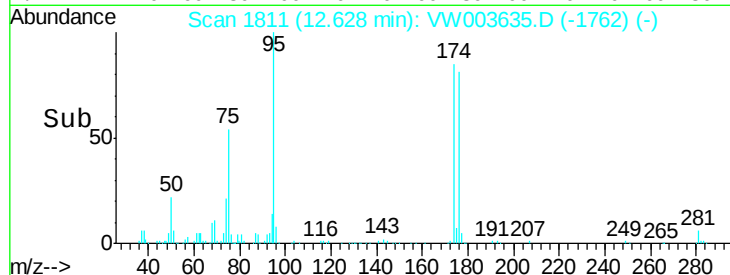
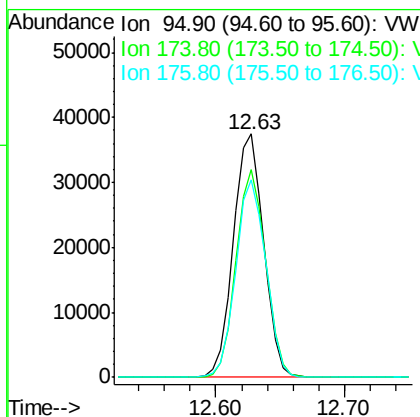
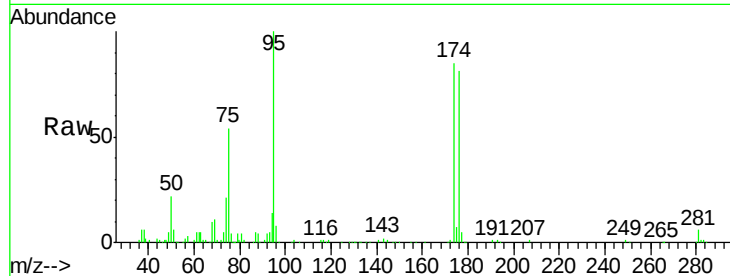




#62
4-Bromofluorobenzene
Concen: 35.909 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003635.D
Acq: 28 Jun 2018 13:49

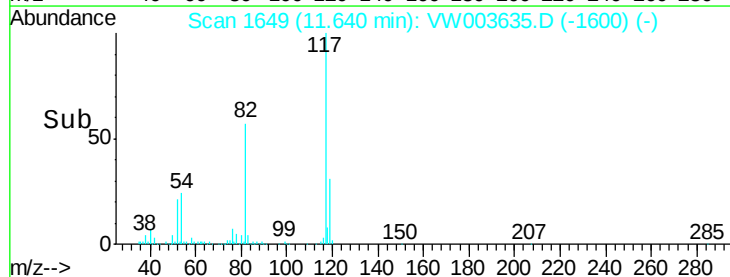
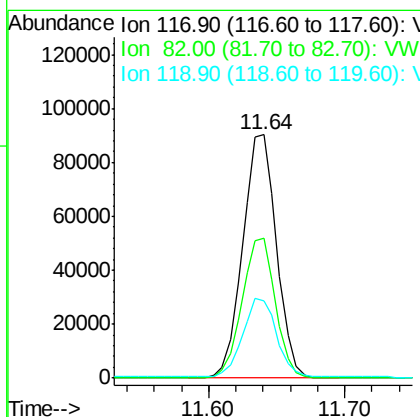
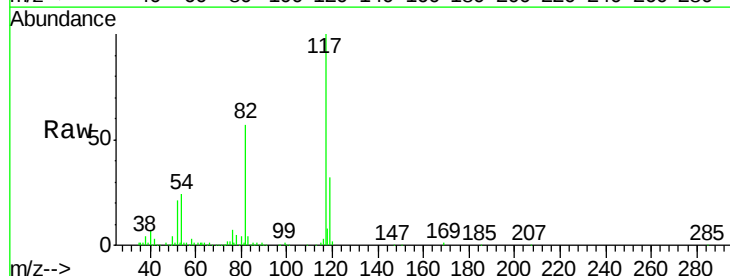
Instrument :
MSVOA_W
ClientSampleId :

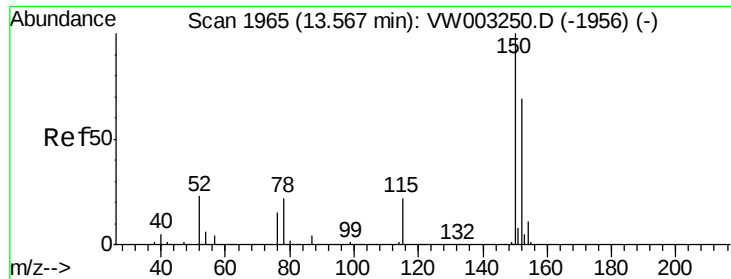
Tot Ion: 95 Resp: 61251
Ion Ratio Lower Upper
95 100
174 83.3 0.0 166.4
176 80.4 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003635.D
Acq: 28 Jun 2018 13:49

Tgt Ion: 117 Resp: 156460
Ion Ratio Lower Upper
117 100
82 57.5 44.6 67.0
119 31.0 26.7 40.1



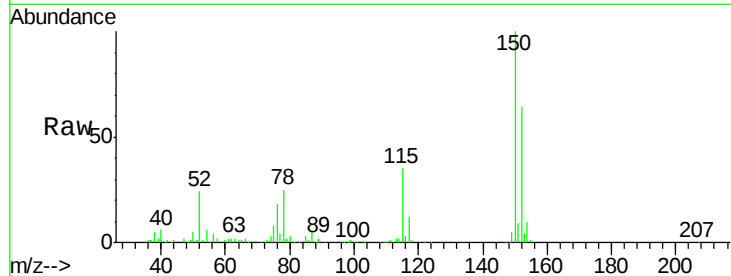


#72

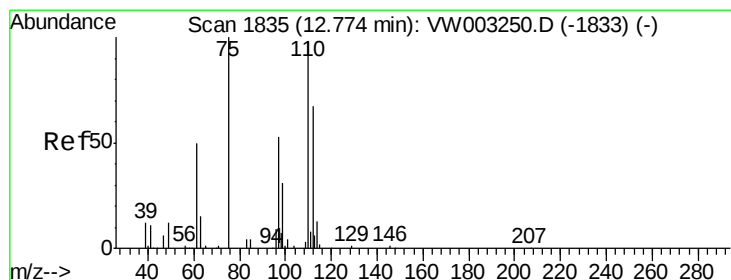
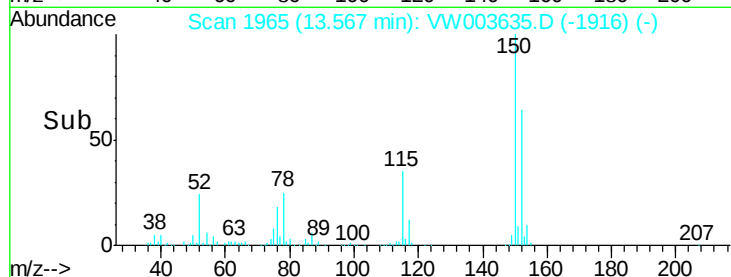
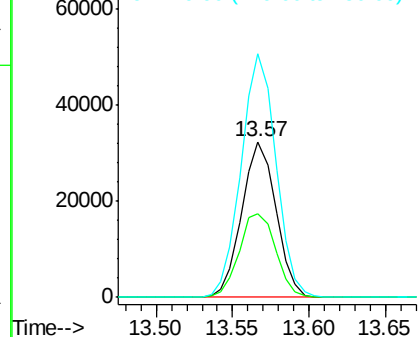
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003635.D
Acq: 28 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 50449
Ion Ratio Lower Upper
152 100
115 57.4 29.3 88.0
150 158.5 0.0 349.6



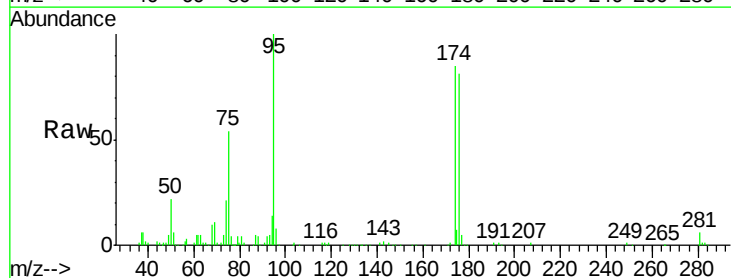
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



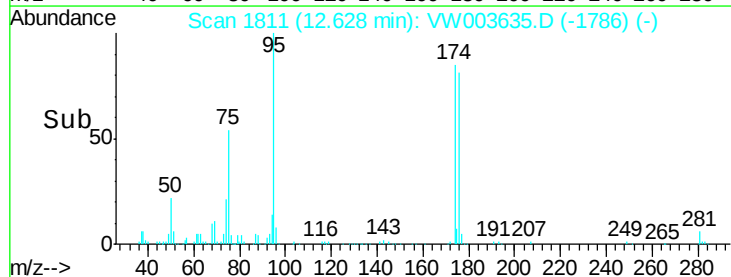
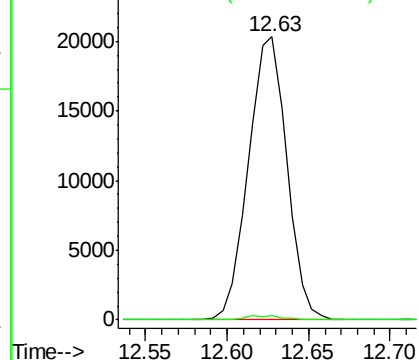
#76

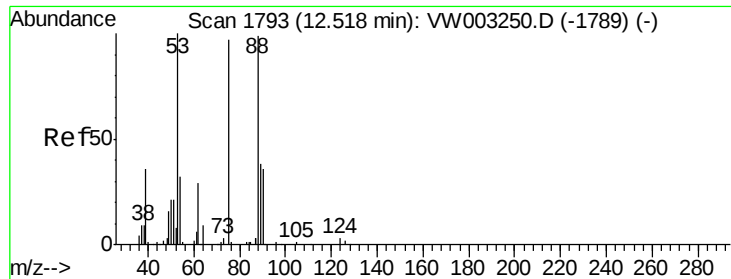
1,2,3-Trichloropropane
Concen: 77.365 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW003635.D
Acq: 28 Jun 2018 13:49

Tgt Ion: 75 Resp: 33366
Ion Ratio Lower Upper
75 100
77 1.4 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: 178.021 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003635.D

Acq: 28 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

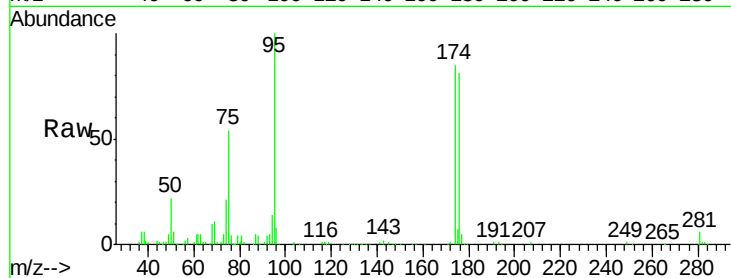
Tot Ion: 75 Resp: 33366

Ion Ratio Lower Upper

75 100

53 0.3 82.9 124.3#

89 0.2 36.7 55.1#



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

