

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003815.D
 Acq On : 10 Jul 2018 09:20
 Operator : SY/AP
 Sample : J3880-18
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 10 10:47:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	102629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	170909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	132262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	40191	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	65172	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
35) Dibromofluoromethane	7.88	113	56837	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
50) Toluene-d8	10.33	98	155521	33.99	ug/l	0.00
Spiked Amount			Recovery	=	67.98%	
62) 4-Bromofluorobenzene	12.62	95	38362	23.17	ug/l	0.00
Spiked Amount			Recovery	=	46.34%	

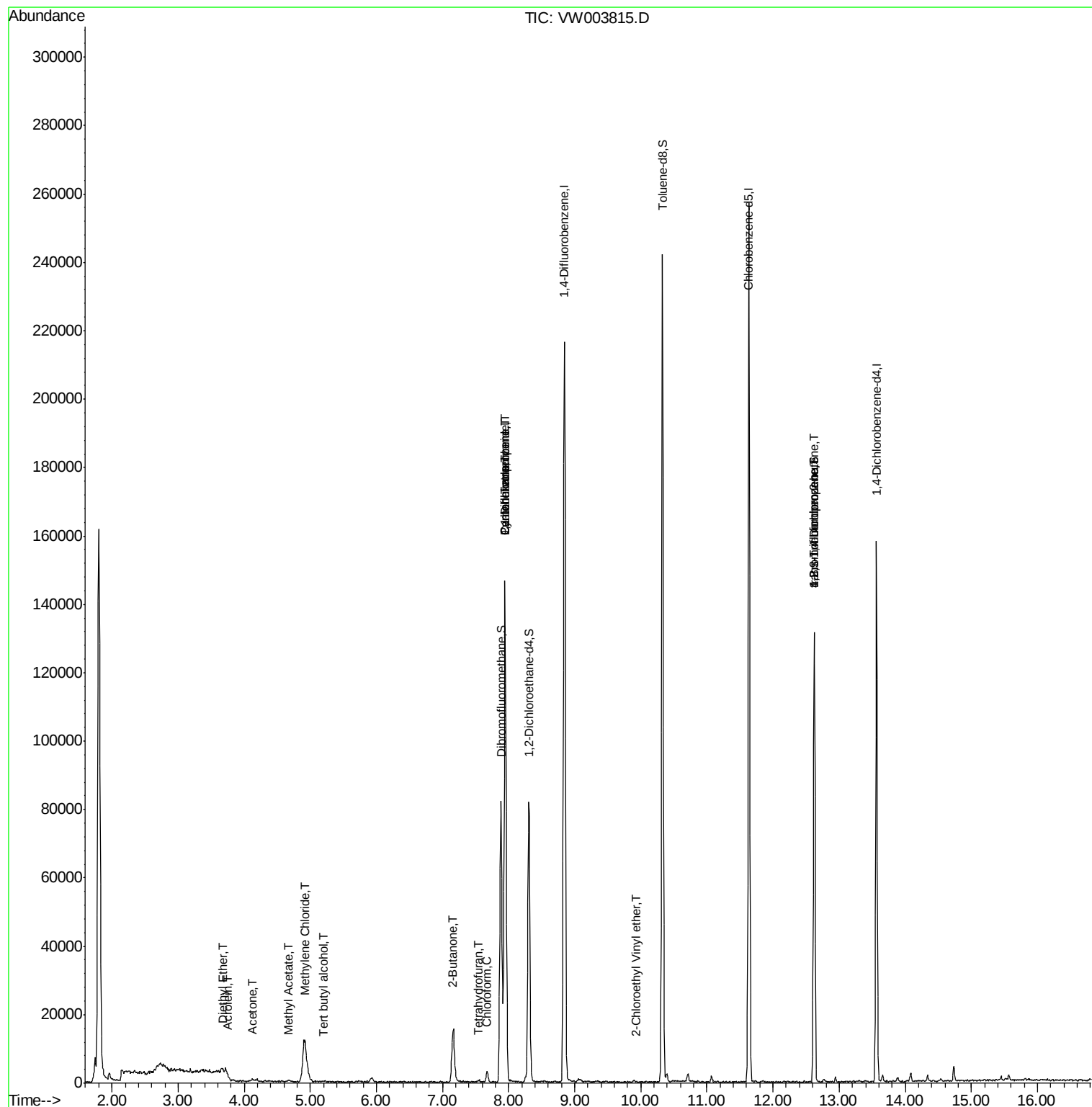
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	640	1.237	ug/l	97
11) Tert butyl alcohol	5.21	59	212	2.915	ug/l #	70
13) Acrolein	3.76	56	19	4.897	ug/l #	28
16) Acetone	4.12	43	549	2.358	ug/l #	81
18) Methyl Acetate	4.68	43	1036	1.578	ug/l #	66
20) Methylene Chloride	4.92	84	12347	7.120	ug/l	90
25) 2-Butanone	7.15	43	1025	2.810	ug/l #	82
29) Tetrahydrofuran	7.54	42	250	1.066	ug/l #	51
30) Chloroform	7.67	83	2590	1.139	ug/l	93
31) Cyclohexane	7.95	56	2807	1.433	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	9224	5.087	ug/l #	50
38) Carbon Tetrachloride	7.95	117	10475	6.075	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.93	63	29	13.211	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	21318	54.015	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	21318	132.133	ug/l #	8

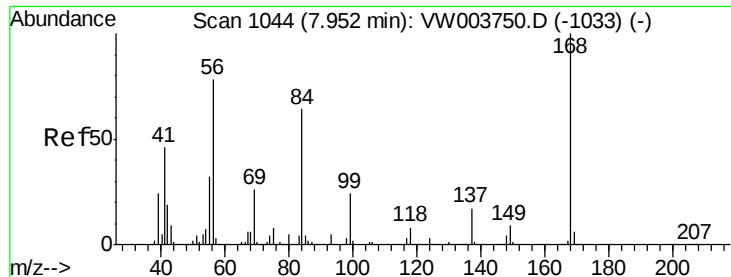
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070918\
Data File : VW003815.D
Acq On : 10 Jul 2018 09:20
Operator : SY/AP
Sample : J3880-18
Misc : 5.07G/5ML/MSVOA W/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 10 10:47:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 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: VW003815.D

Acq: 10 Jul 2018 09:20

Instrument :

MSVOA_W

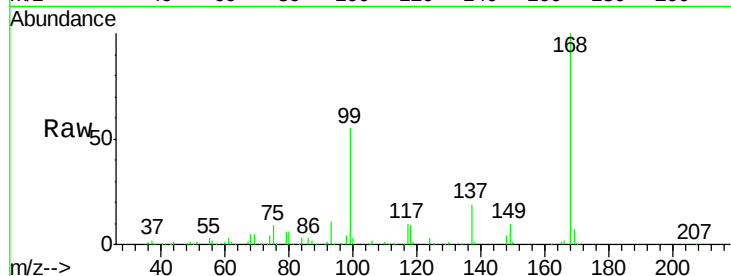
ClientSampleId :

Tot Ion:168 Resp: 102629

Ion Ratio Lower Upper

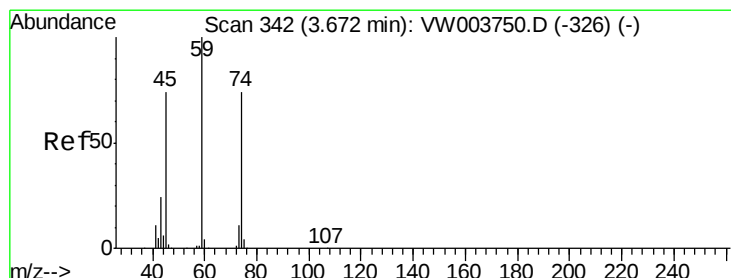
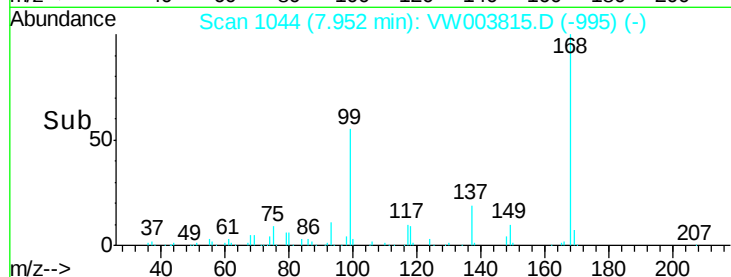
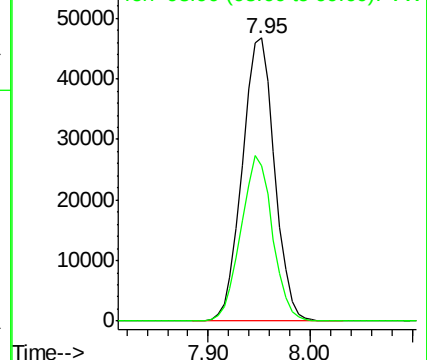
168 100

99 54.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.237 ug/l

RT: 3.67 min Scan# 342

Delta R.T. -0.00 min

Lab File: VW003815.D

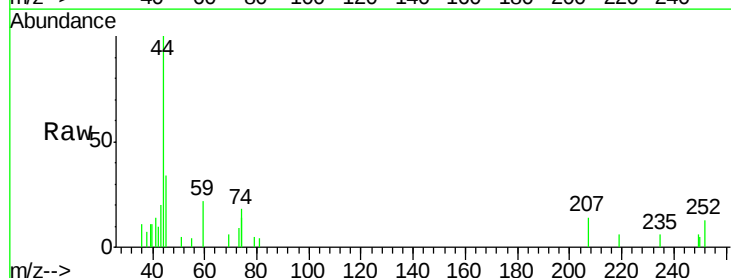
Acq: 10 Jul 2018 09:20

Tgt Ion: 74 Resp: 640

Ion Ratio Lower Upper

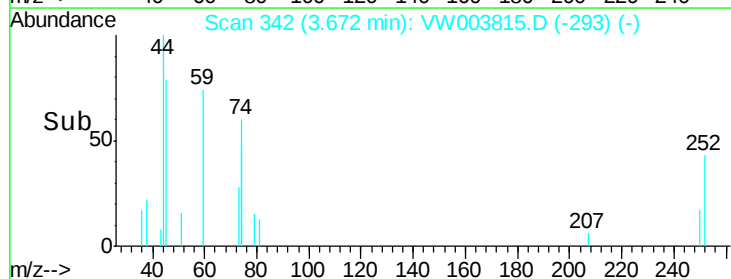
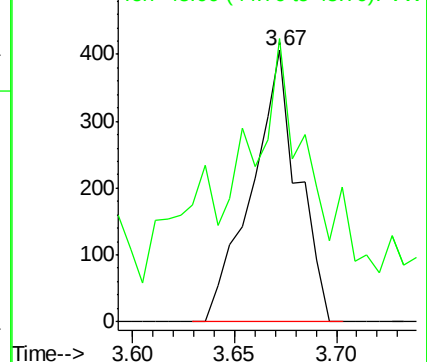
74 100

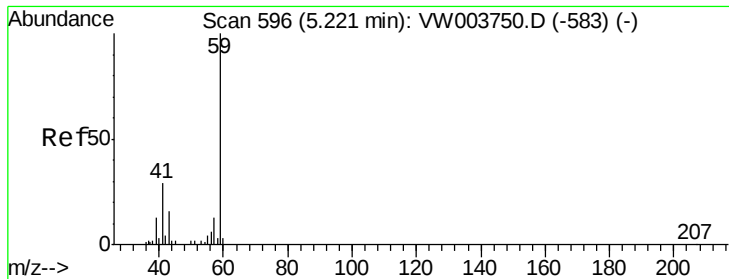
45 102.2 52.4 157.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

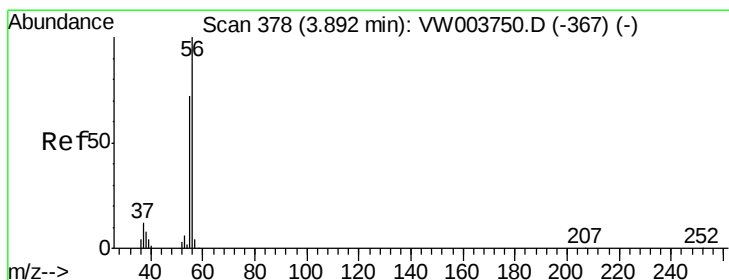
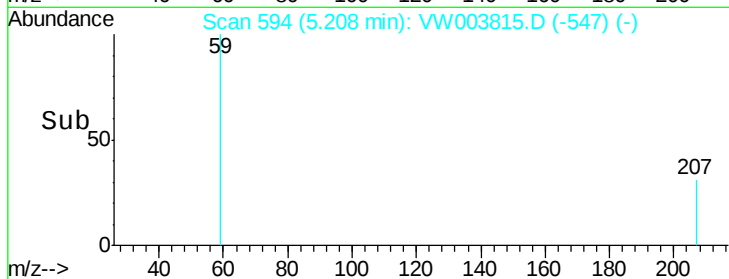
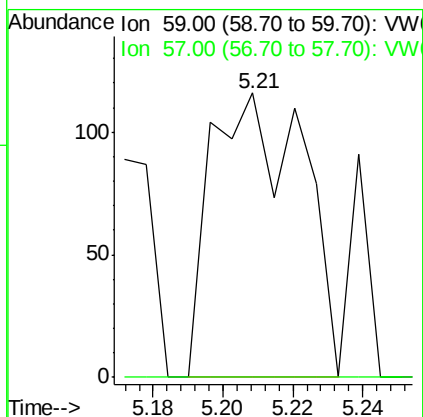
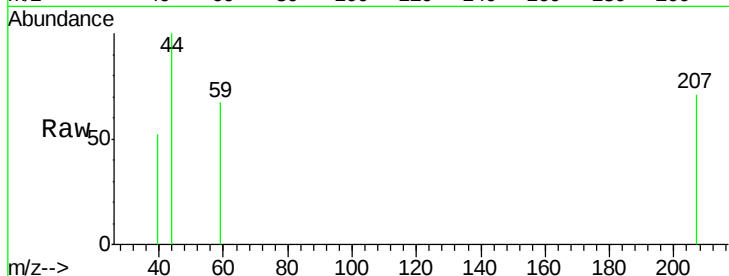




#11
Tert butyl alcohol
Concen: 2.915 ug/l
RT: 5.21 min Scan# 594
Delta R.T. -0.01 min
Lab File: VW003815.D
Acq: 10 Jul 2018 09:20

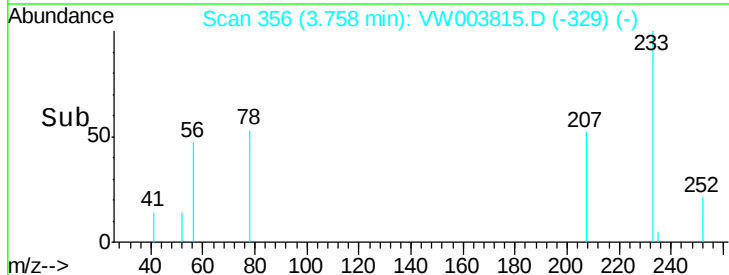
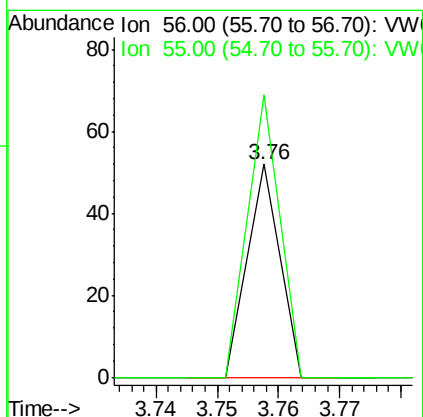
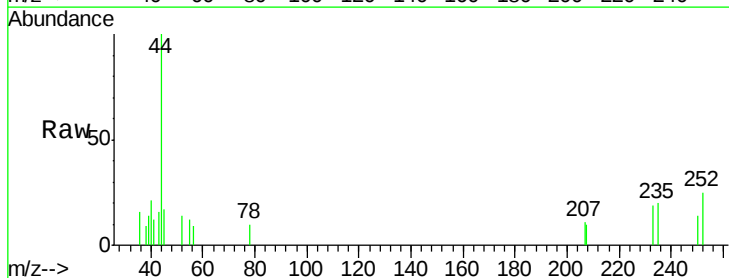
Instrument :
MSVOA_W
ClientSampled :

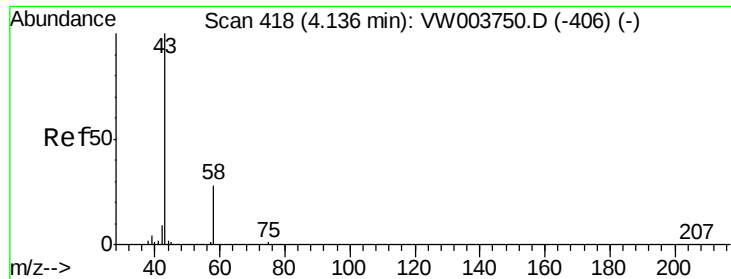
Tot Ion: 59 Resp: 212
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#13
Acrolein
Concen: 4.897 ug/l
RT: 3.76 min Scan# 356
Delta R.T. -0.13 min
Lab File: VW003815.D
Acq: 10 Jul 2018 09:20

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 131.6 57.5 86.3#





#16

Acetone

Concen: 2.358 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003815.D

Acq: 10 Jul 2018 09:20

Instrument :

MSVOA_W

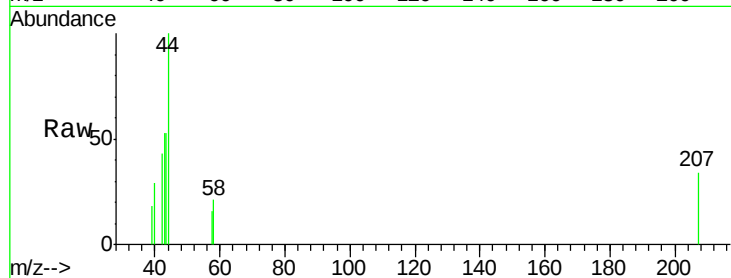
ClientSampleId :

Tot Ion: 43 Resp: 549

Ion Ratio Lower Upper

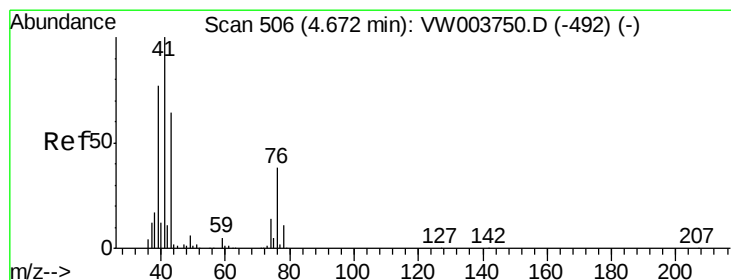
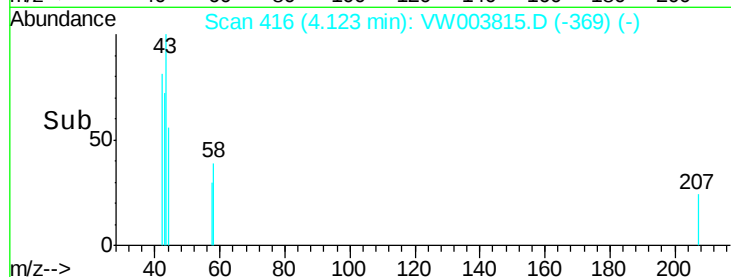
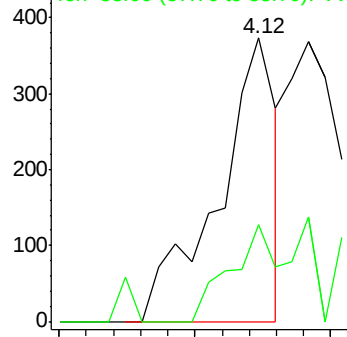
43 100

58 18.2 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.578 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW003815.D

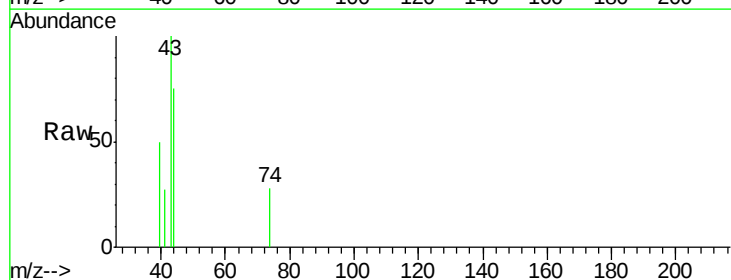
Acq: 10 Jul 2018 09:20

Tgt Ion: 43 Resp: 1036

Ion Ratio Lower Upper

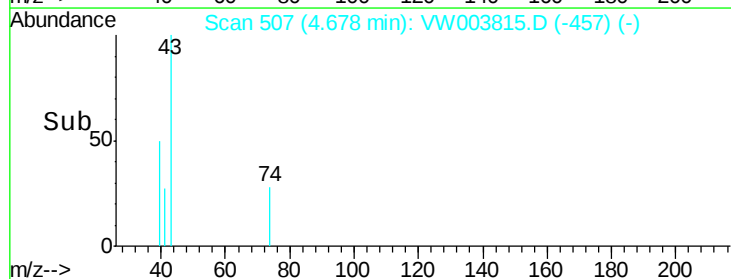
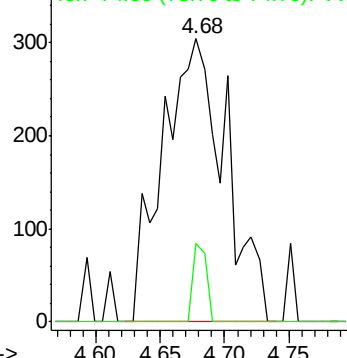
43 100

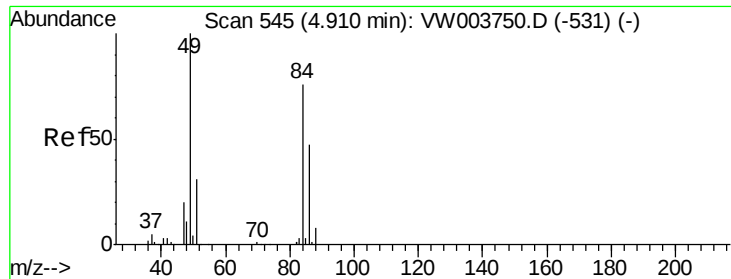
74 5.6 17.3 25.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

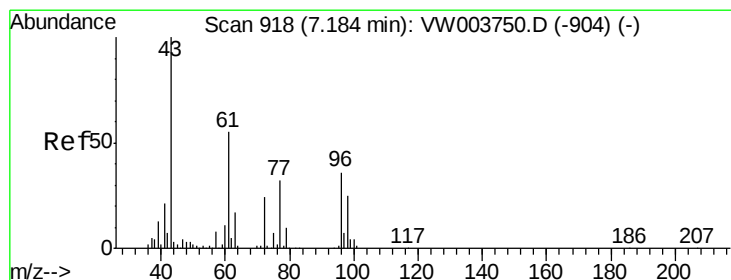
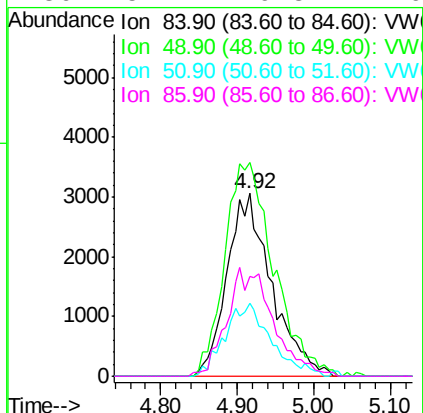
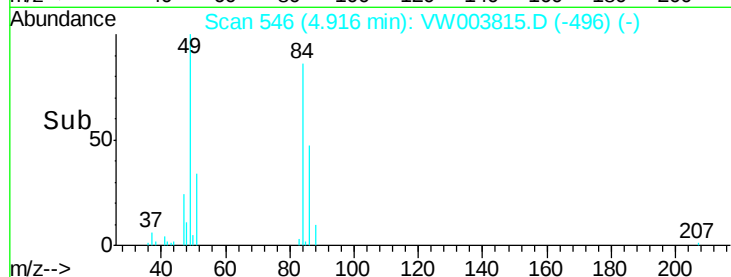
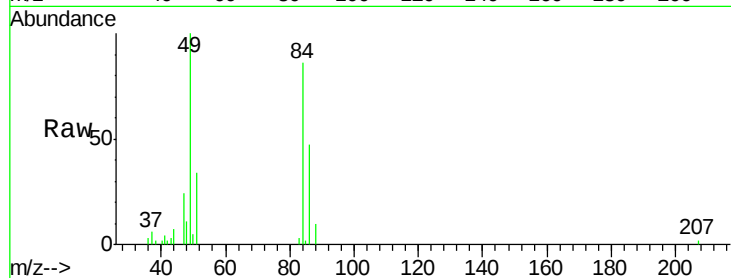




#20
Methvlene Chloride
Concen: 7.120 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003815.D
Acq: 10 Jul 2018 09:20

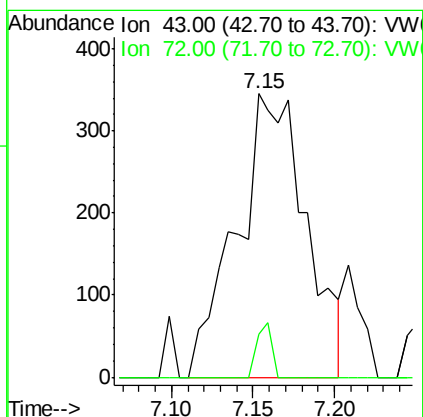
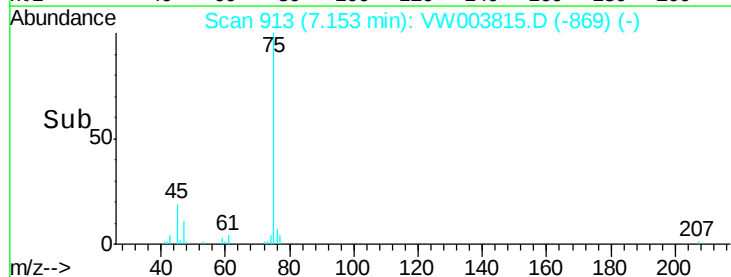
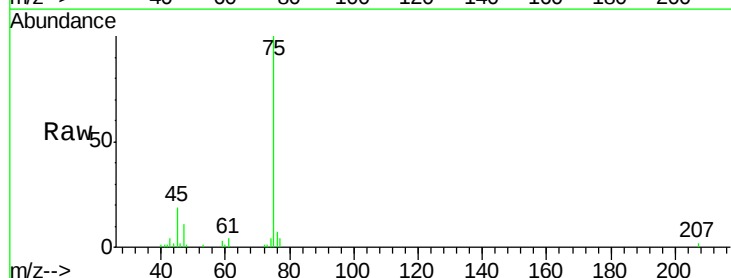
Instrument :
MSVOA_W
ClientSampled :

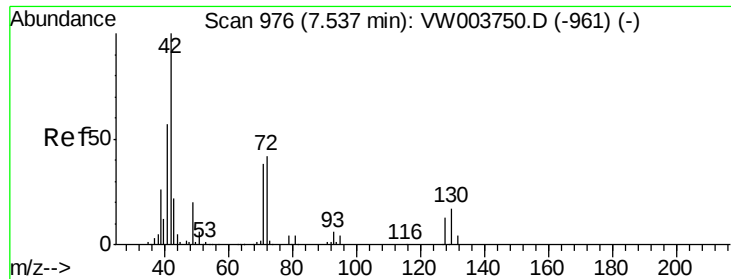
Tot Ion: 84 Resp: 12347
Ion Ratio Lower Upper
84 100
49 116.9 105.1 157.7
51 39.7 32.5 48.7
86 54.7 49.8 74.6



#25
2-Butanone
Concen: 2.810 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW003815.D
Acq: 10 Jul 2018 09:20

Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
72 15.4 19.4 29.2#

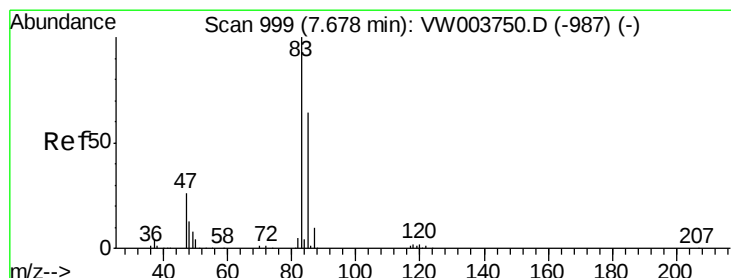
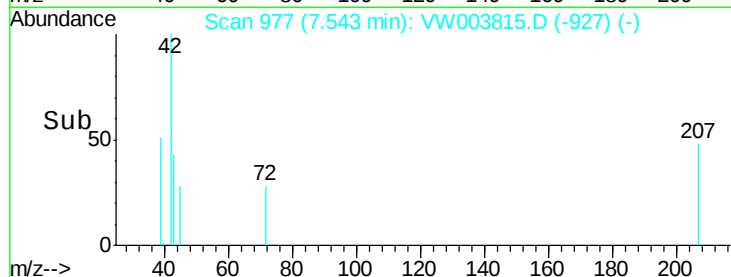
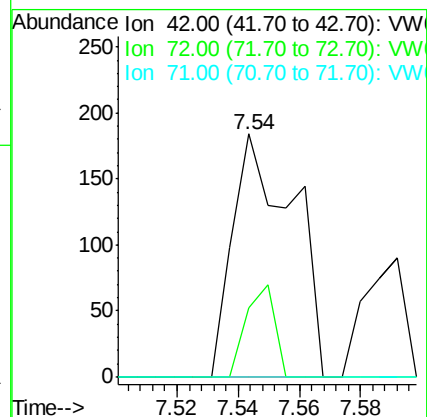
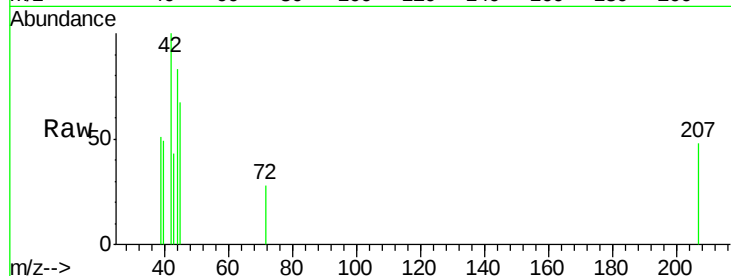




#29
Tetrahydrofuran
Concen: 1.066 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003815.D
Acq: 10 Jul 2018 09:20

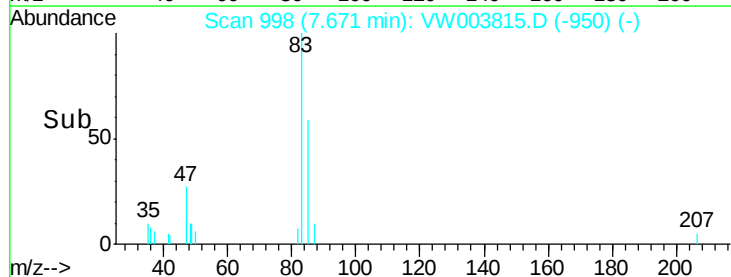
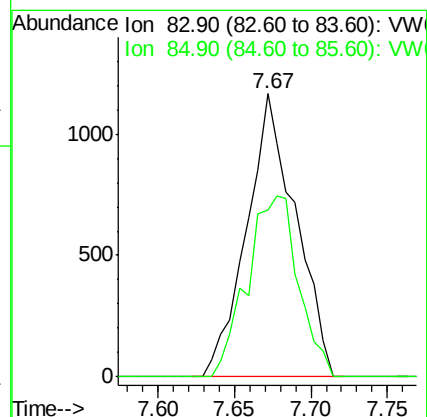
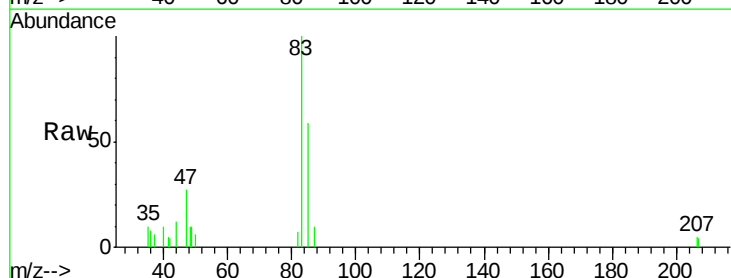
Instrument :
MSVOA_W
ClientSampleId :

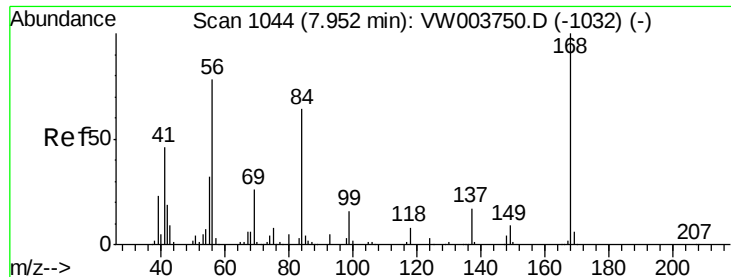
Tot Ion: 42 Resp: 250
Ion Ratio Lower Upper
42 100
72 18.0 31.8 47.8#
71 0.0 30.3 45.5#



#30
Chloroform
Concen: 1.139 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW003815.D
Acq: 10 Jul 2018 09:20

Tgt Ion: 83 Resp: 2590
Ion Ratio Lower Upper
83 100
85 59.0 51.5 77.3

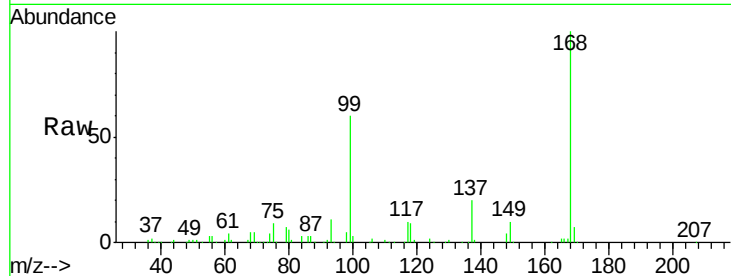




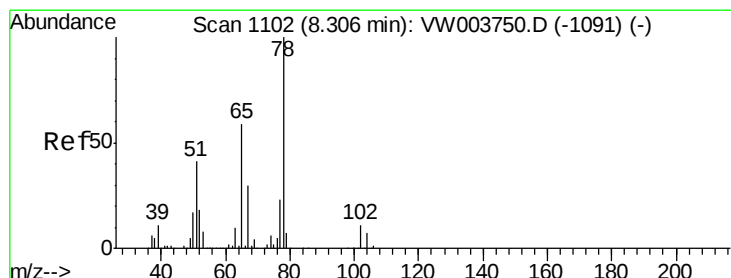
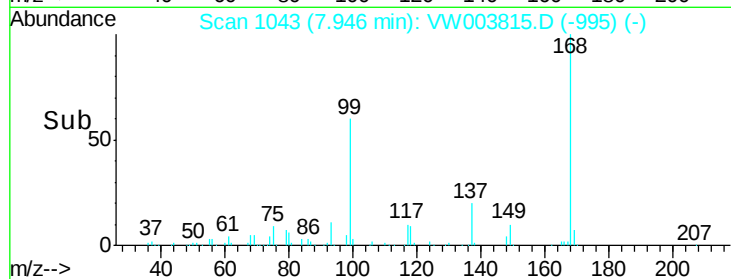
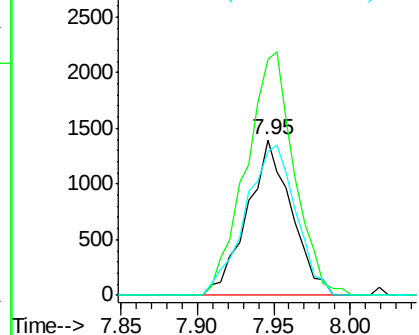
#31
Cyclohexane
Concen: 1.433 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003815.D
Acq: 10 Jul 2018 09:20

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 2807
Ion Ratio Lower Upper
56 100
69 151.9 26.2 39.4#
84 92.3 65.5 98.3

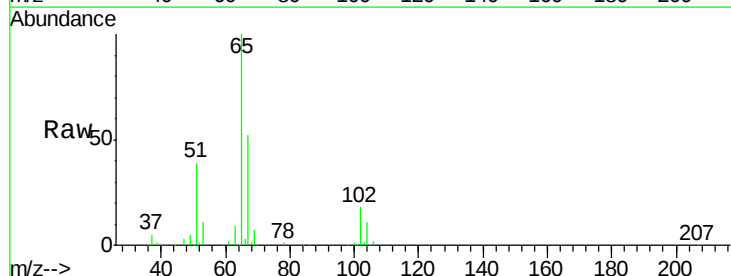


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

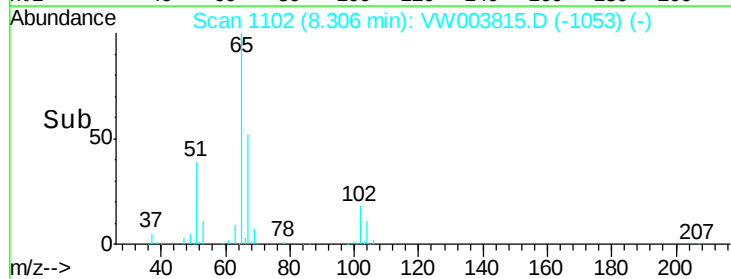
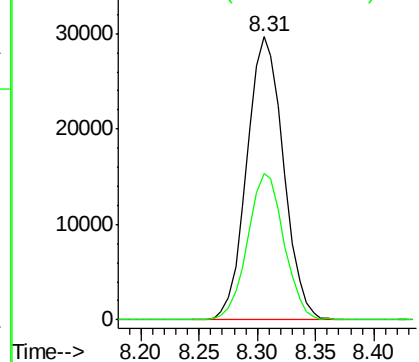


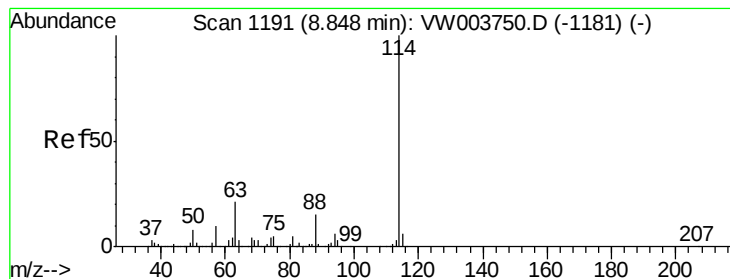
#33
1,2-Dichloroethane-d4
Concen: 48.560 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003815.D
Acq: 10 Jul 2018 09:20

Tgt Ion: 65 Resp: 65172
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8



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: VW003815.D

Acq: 10 Jul 2018 09:20

Instrument :

MSVOA_W

ClientSampled :

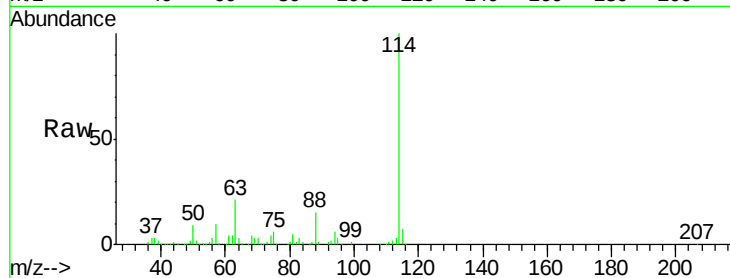
Tot Ion:114 Resp: 170909

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

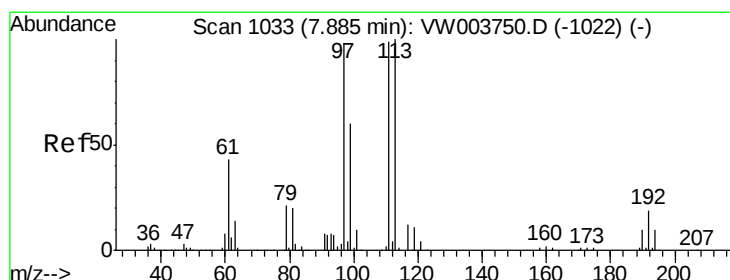
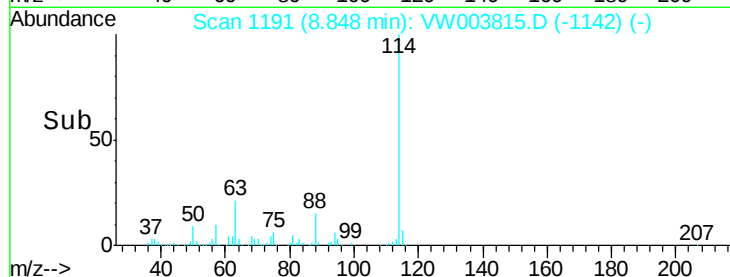
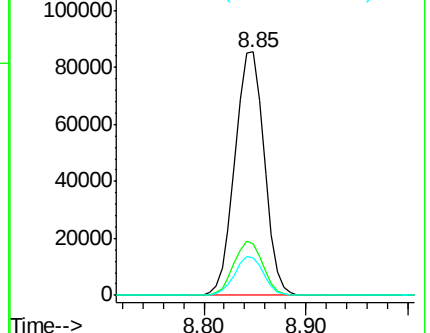
88 15.2 0.0 30.2



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: 47.516 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003815.D

Acq: 10 Jul 2018 09:20

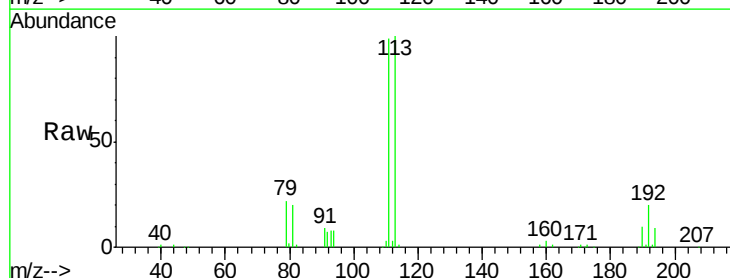
Tgt Ion:113 Resp: 56837

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

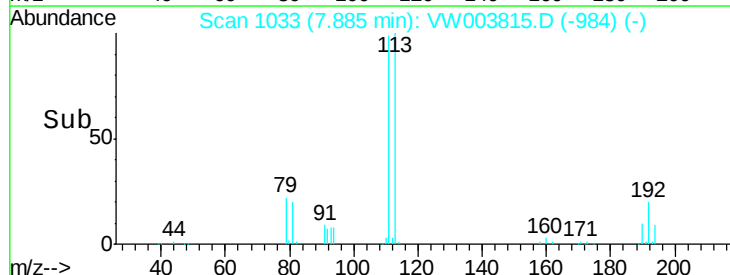
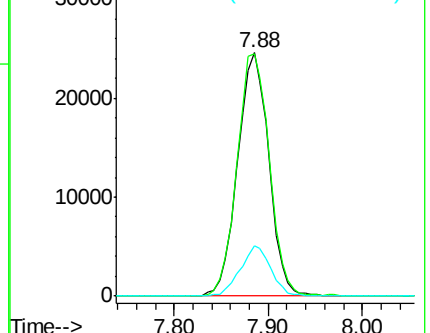
192 20.1 15.8 23.8

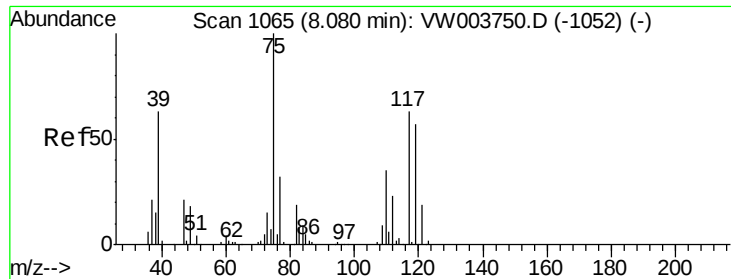


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

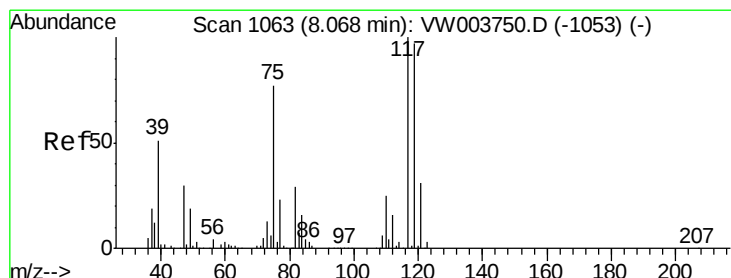
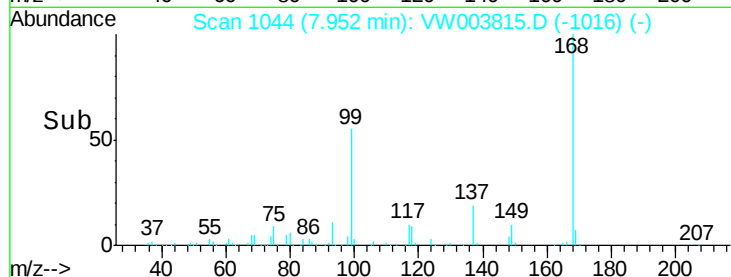
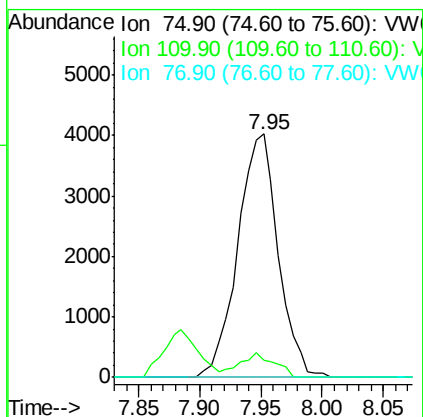
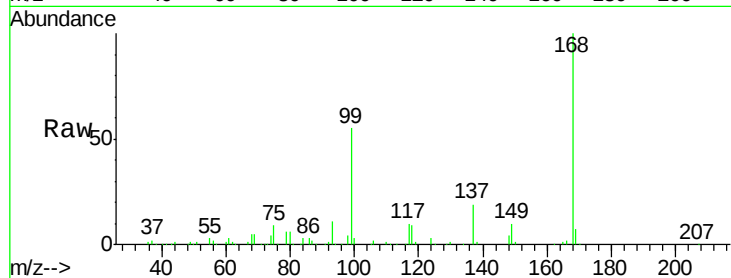




#36
 1,1-Dichloropropene
 Concen: 5.087 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003815.D
 Acq: 10 Jul 2018 09:20

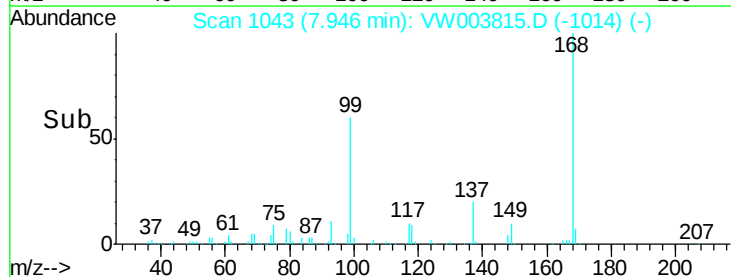
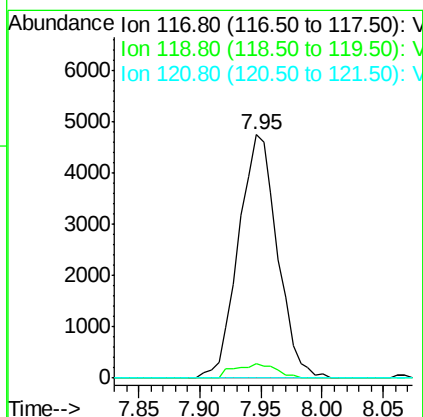
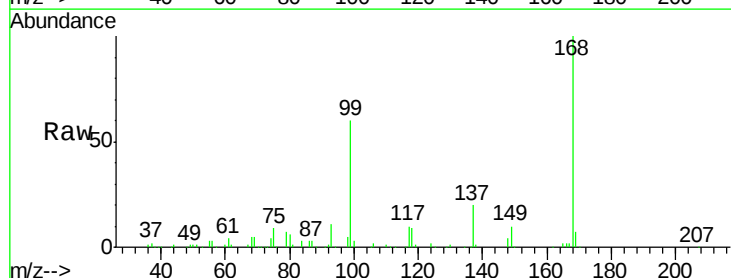
Instrument :
 MSVOA_W
 ClientSampled :

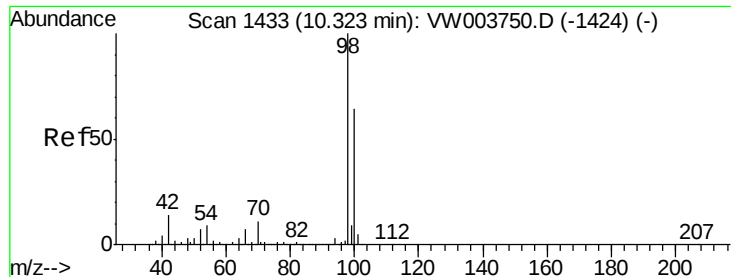
Tot Ion: 75 Resp: 9224
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.9 50.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.075 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW003815.D
 Acq: 10 Jul 2018 09:20

Tgt Ion: 117 Resp: 10475
 Ion Ratio Lower Upper
 117 100
 119 5.8 77.4 116.2#
 121 0.0 24.6 37.0#

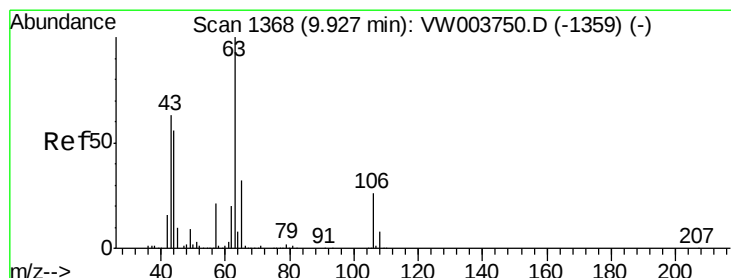
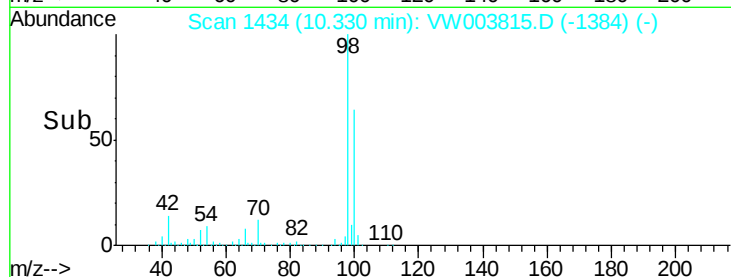
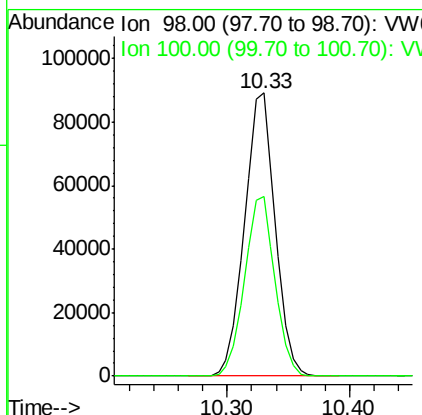
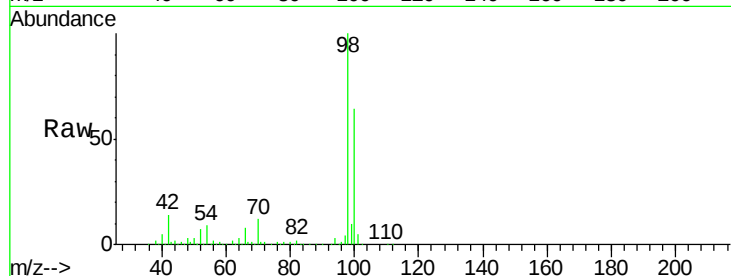




#50
Toluene-d8
Concen: 33.989 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003815.D
Acq: 10 Jul 2018 09:20

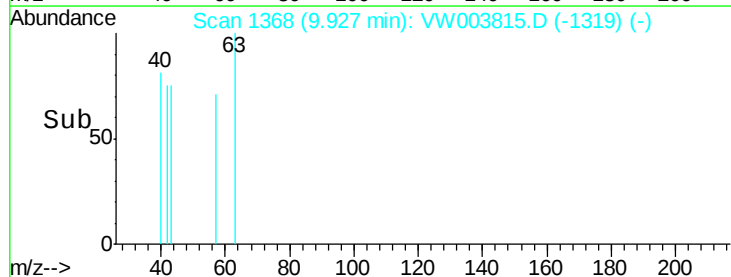
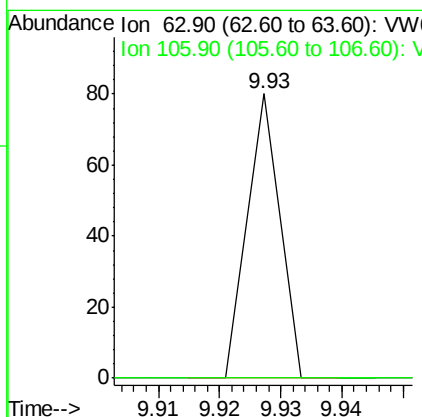
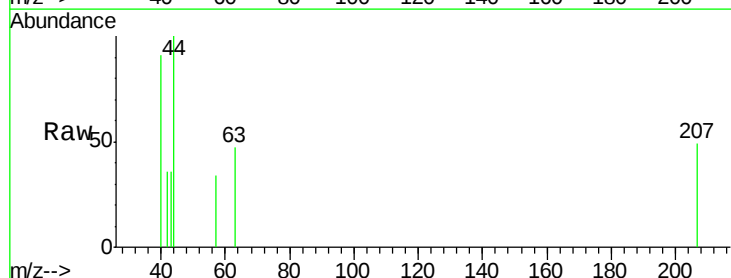
Instrument :
MSVOA_W
ClientSampleId :

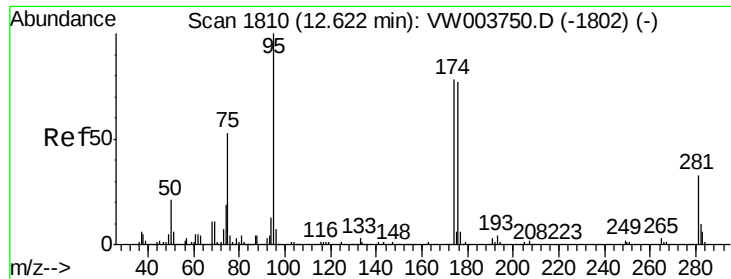
Tot Ion: 98 Resp: 155521
Ion Ratio Lower Upper
98 100
100 62.8 50.8 76.2



#58
2-Chloroethyl Vinyl ether
Concen: 13.211 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VW003815.D
Acq: 10 Jul 2018 09:20

Tgt Ion: 63 Resp: 29
Ion Ratio Lower Upper
63 100
106 0.0 20.9 31.3#

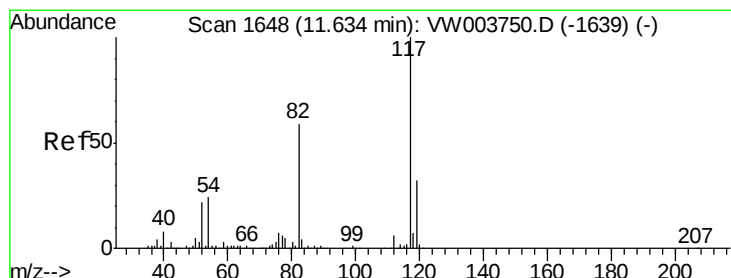
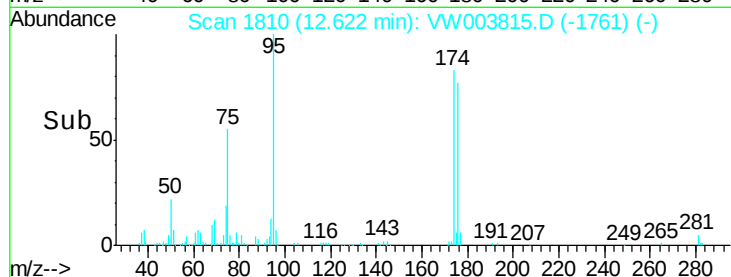
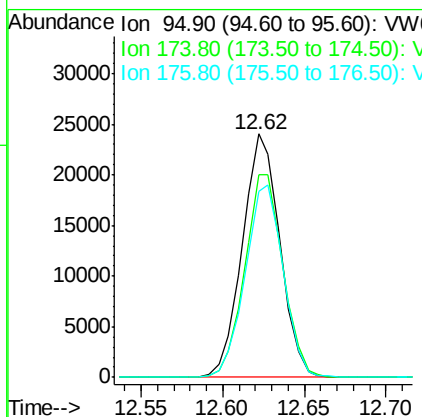
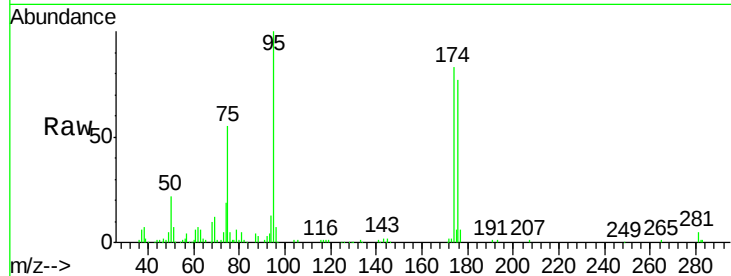




#62
4-Bromofluorobenzene
Concen: 23.172 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003815.D
Acq: 10 Jul 2018 09:20

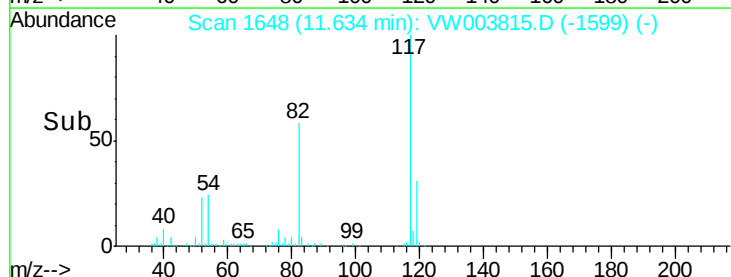
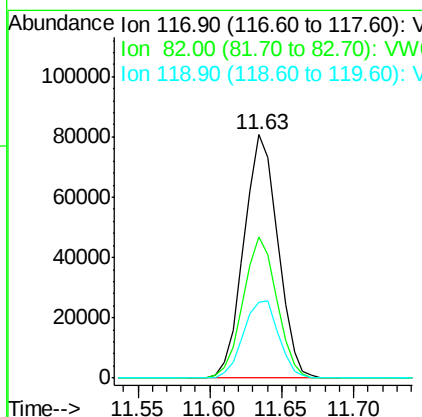
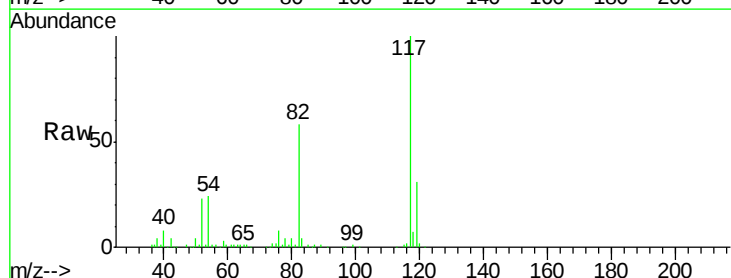
Instrument :
MSVOA_W
ClientSampleId :

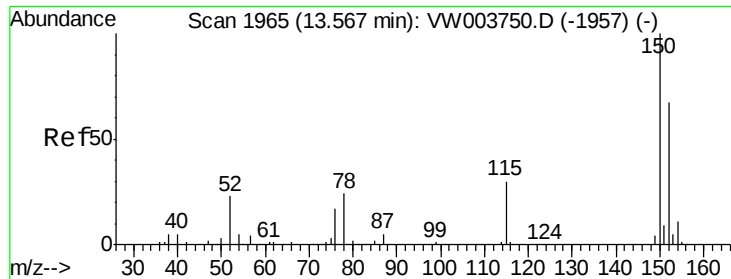
Tot Ion: 95 Resp: 38362
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.4
176 80.4 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003815.D
Acq: 10 Jul 2018 09:20

Tgt Ion: 117 Resp: 132262
Ion Ratio Lower Upper
117 100
82 57.8 46.9 70.3
119 31.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003815.D

Acq: 10 Jul 2018 09:20

Instrument :

MSVOA_W

ClientSampleId :

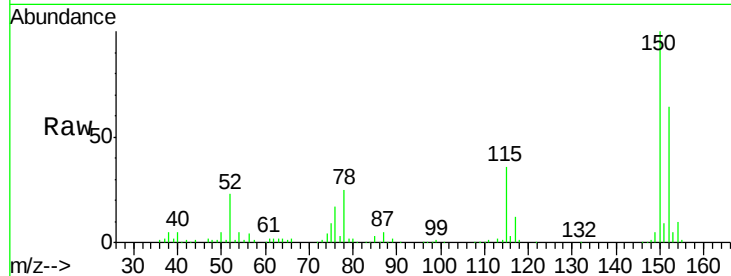
Tot Ion:152 Resp: 40191

Ion Ratio Lower Upper

152 100

115 57.2 28.9 86.8

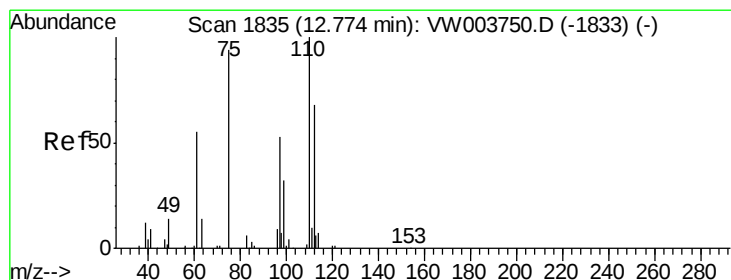
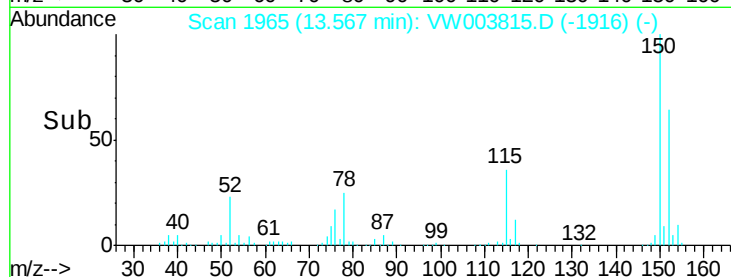
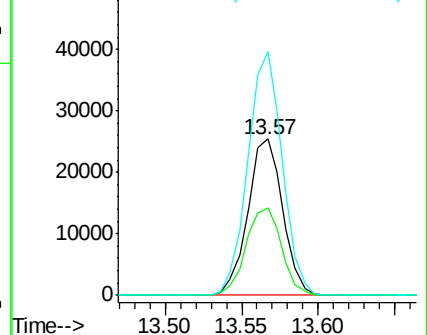
150 153.7 0.0 342.4



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: 54.015 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003815.D

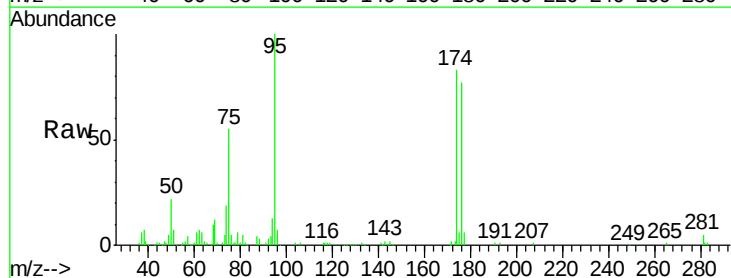
Acq: 10 Jul 2018 09:20

Tgt Ion: 75 Resp: 21318

Ion Ratio Lower Upper

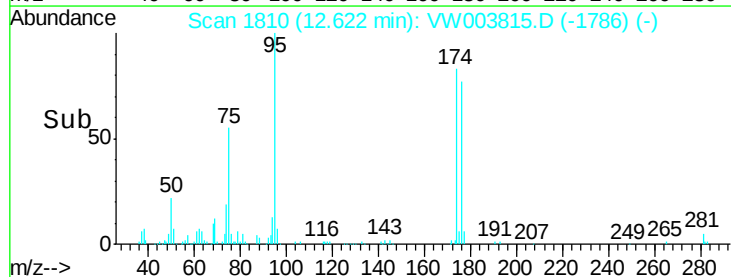
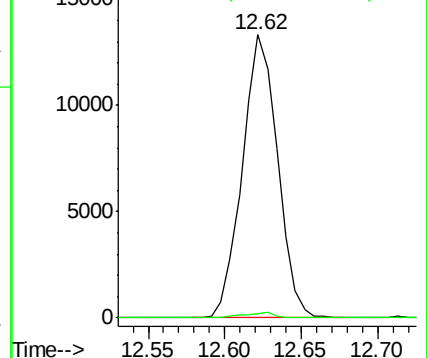
75 100

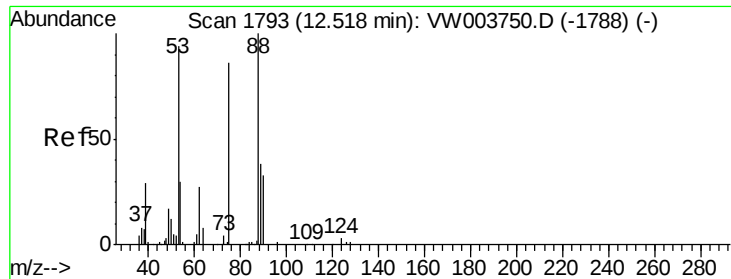
77 1.6 0.0 0.0#



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: 132.133 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003815.D

Acq: 10 Jul 2018 09:20

Instrument :

MSVOA_W

ClientSampleId :

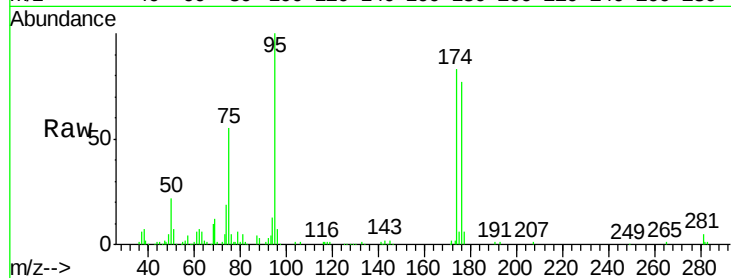
Tot Ion: 75 Resp: 21318

Ion Ratio Lower Upper

75 100

53 0.3 85.0 127.6#

89 0.0 36.3 54.5#



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

