

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100618\
 Data File : VW005873.D
 Acq On : 05 Oct 2018 02:14
 Operator : SY/AP
 Sample : J5206-02RE
 Misc : 5.26G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T-1A

Quant Time: Oct 05 02:53:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

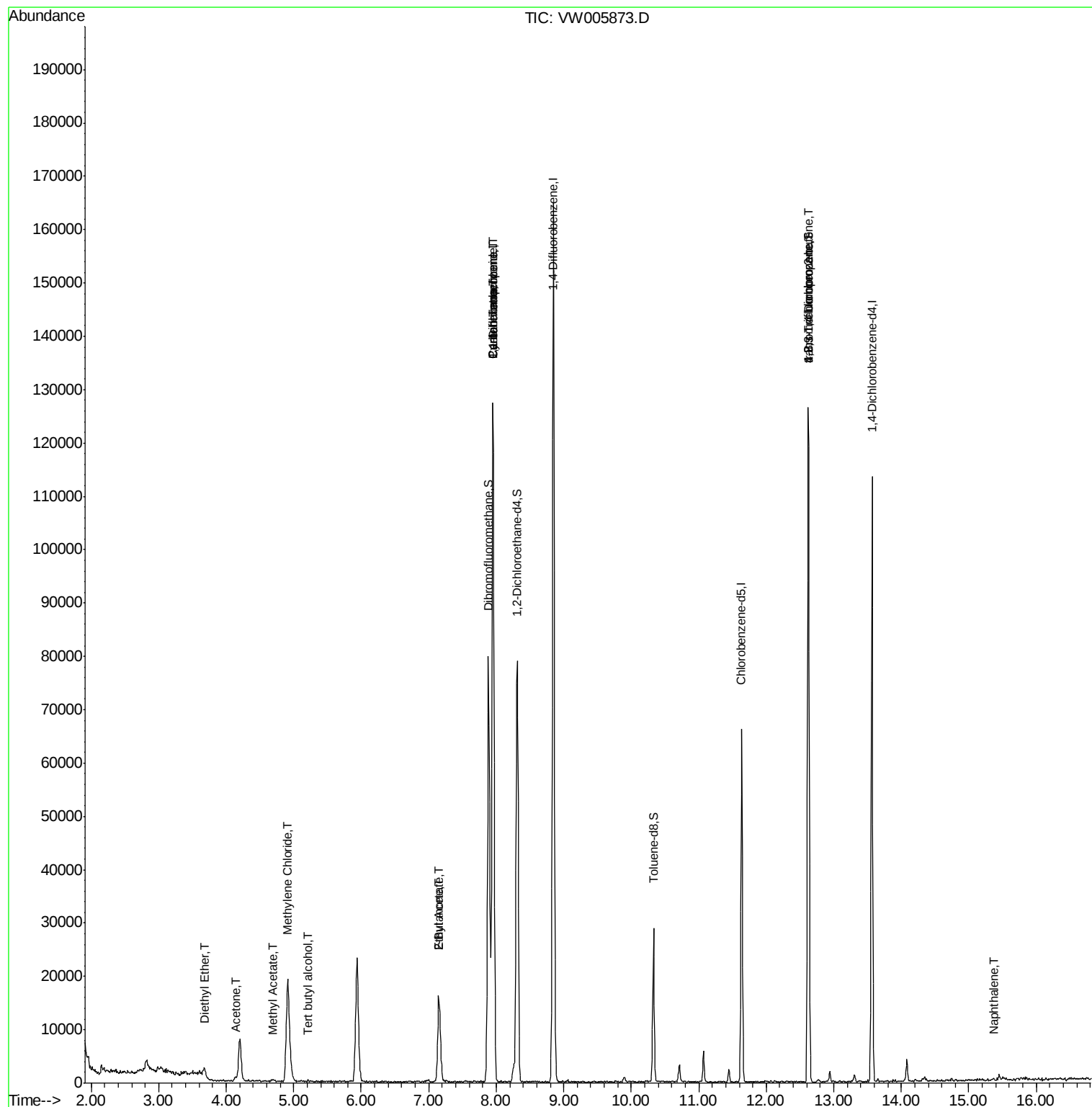
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	94740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	136073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	36827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	31530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68147	59.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.58%	
35) Dibromofluoromethane	7.88	113	56337	63.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.34%	
50) Toluene-d8	10.33	98	19136	5.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.80%	
62) 4-Bromofluorobenzene	12.62	95	37344	28.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.06%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1028	2.065	ug/l	88
11) Tert butyl alcohol	5.21	59	187	2.691	ug/l #	82
16) Acetone	4.14	43	1453	7.575	ug/l	96
18) Methyl Acetate	4.69	43	687	1.259	ug/l #	77
20) Methylene Chloride	4.91	84	16187	9.189	ug/l	94
25) 2-Butanone	7.15	43	807	2.991	ug/l #	49
31) Cyclohexane	7.96	56	2250	1.431	ug/l #	28
36) 1,1-Dichloropropene	7.96	75	7160	5.294	ug/l #	52
37) Ethyl Acetate	7.15	43	807	1.434	ug/l #	1
38) Carbon Tetrachloride	7.95	117	9410	6.244	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	19146	66.816	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	19146	168.898	ug/l #	8
95) Naphthalene	15.37	128	176	2.238	ug/l #	68

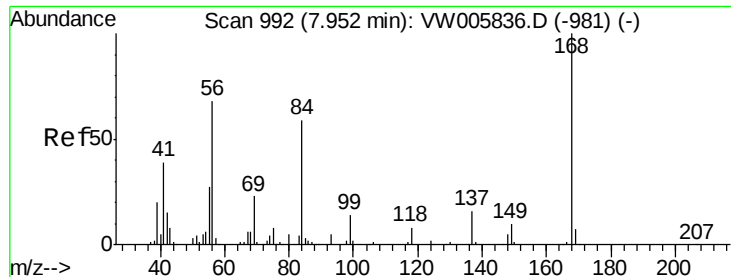
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100618\
Data File : VW005873.D
Acq On : 05 Oct 2018 02:14
Operator : SY/AP
Sample : J5206-02RE
Misc : 5.26G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T-1A

Quant Time: Oct 05 02:53:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 04 07:08:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005873.D

Acq: 05 Oct 2018 02:14

Instrument :

MSVOA_W

ClientSampleId :

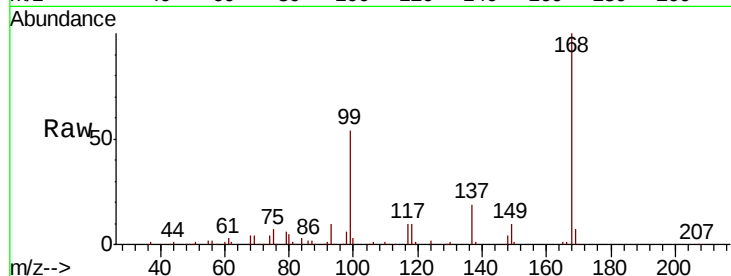
T-1A

Tgt Ion:168 Resp: 94740

Ion Ratio Lower Upper

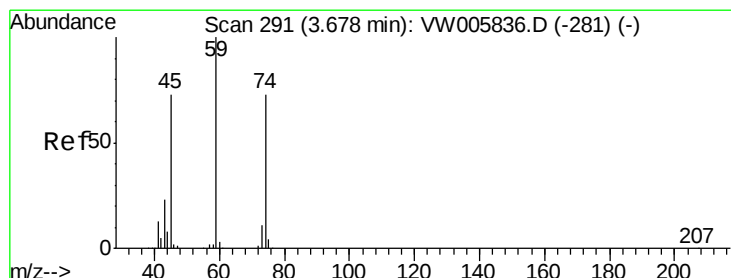
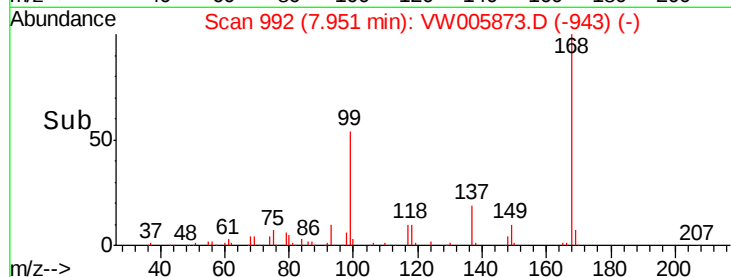
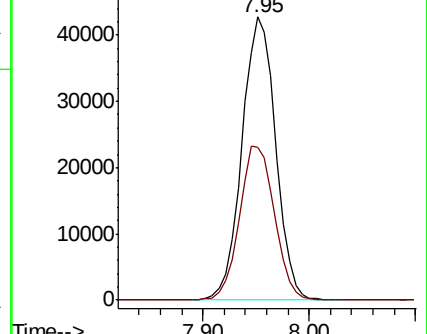
168 100

99 54.0 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.065 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005873.D

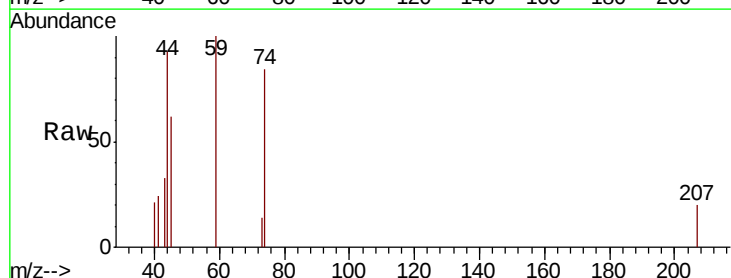
Acq: 05 Oct 2018 02:14

Tgt Ion: 74 Resp: 1028

Ion Ratio Lower Upper

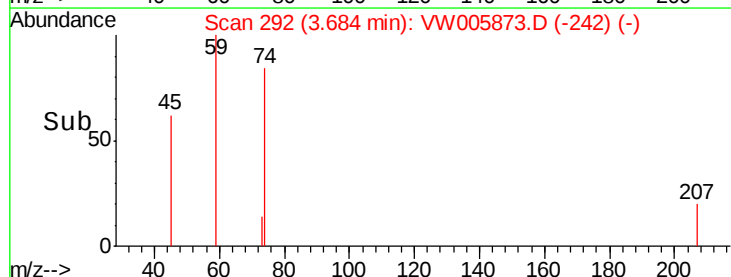
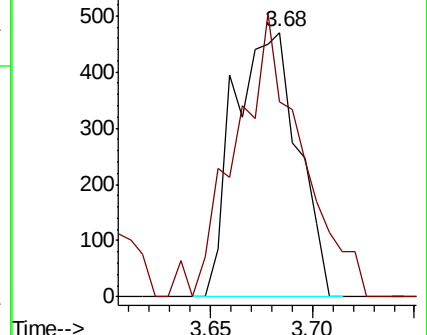
74 100

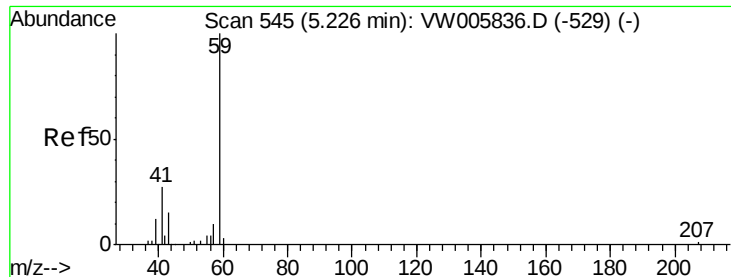
45 110.5 49.1 147.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

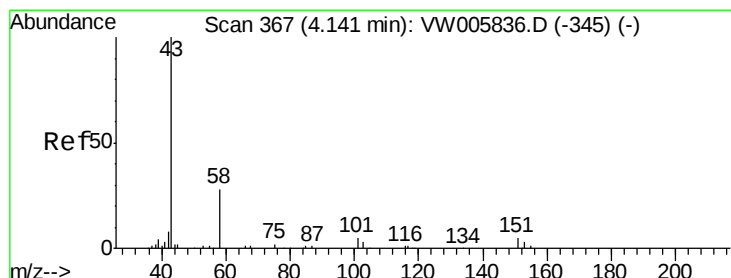
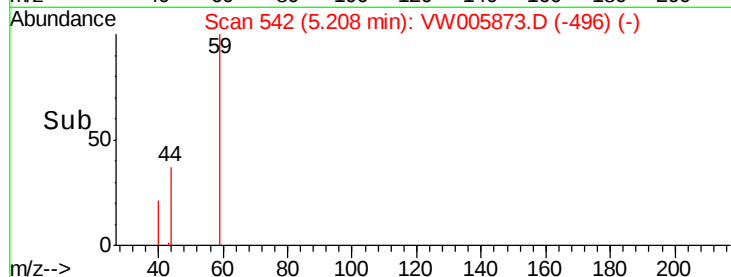
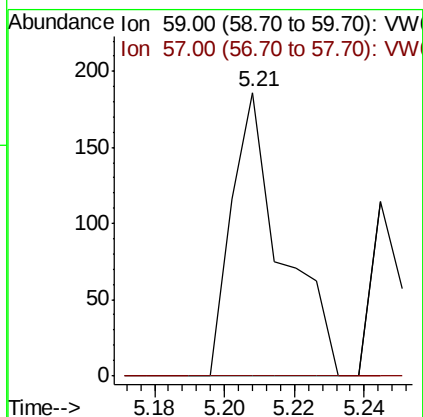
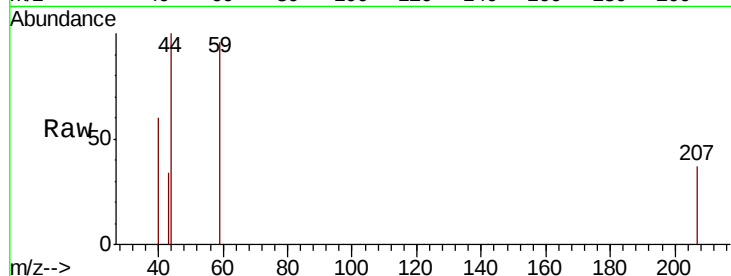




#11
Tert butyl alcohol
Concen: 2.691 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.02 min
Lab File: VW005873.D
Acq: 05 Oct 2018 02:14

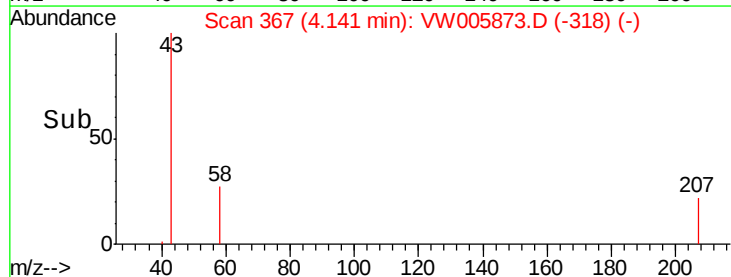
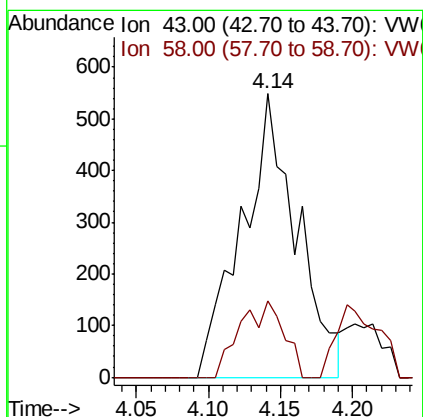
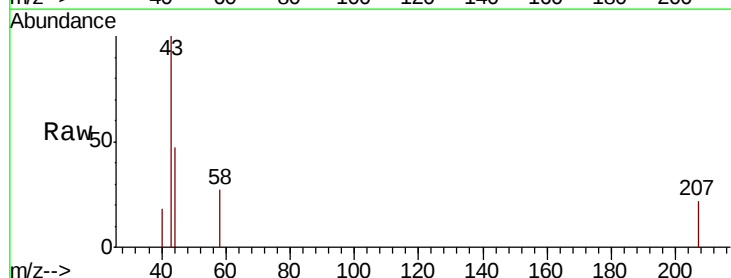
Instrument :
MSVOA_W
ClientSampled :
T-1A

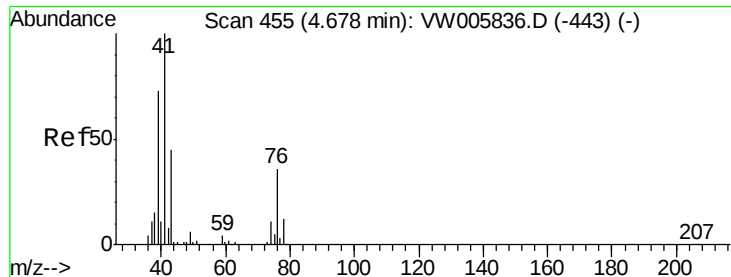
Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 4.9 7.3#



#16
Acetone
Concen: 7.575 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.00 min
Lab File: VW005873.D
Acq: 05 Oct 2018 02:14

Tgt Ion: 43 Resp: 1453
Ion Ratio Lower Upper
43 100
58 26.8 23.0 34.4

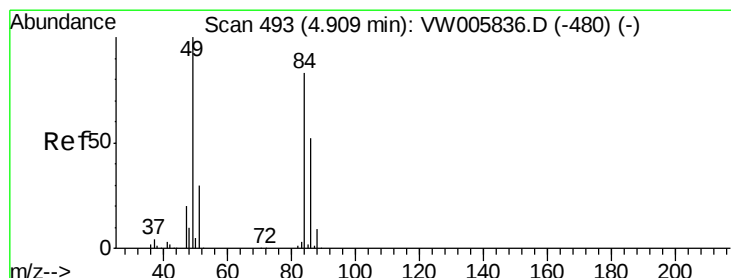
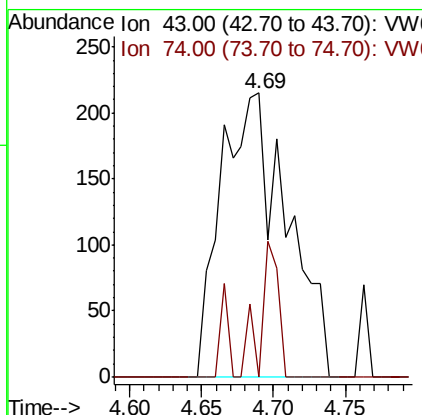
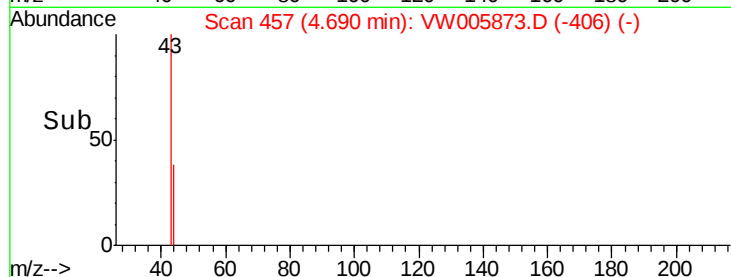
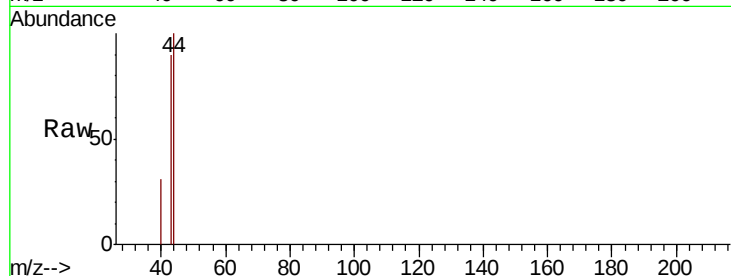




#18
Methyl Acetate
Concen: 1.259 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW005873.D
Acq: 05 Oct 2018 02:14

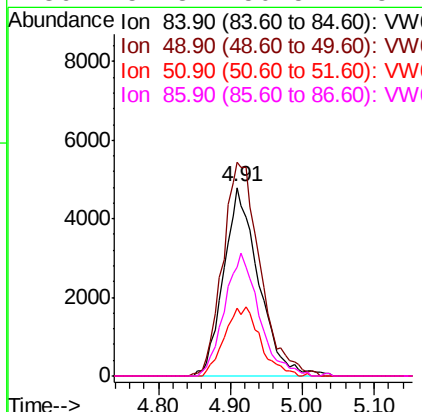
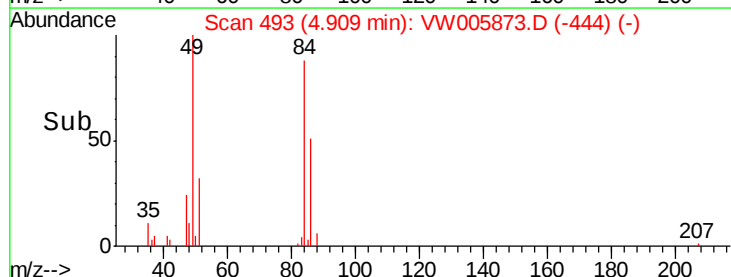
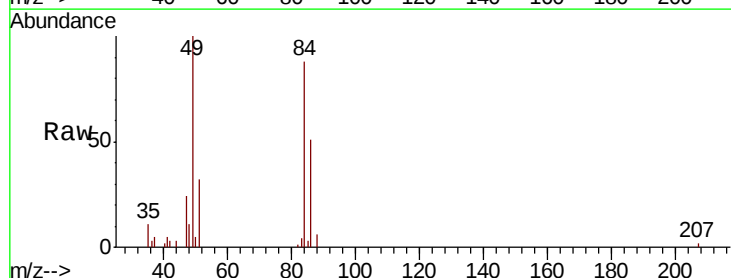
Instrument :
MSVOA_W
ClientSampled :
T-1A

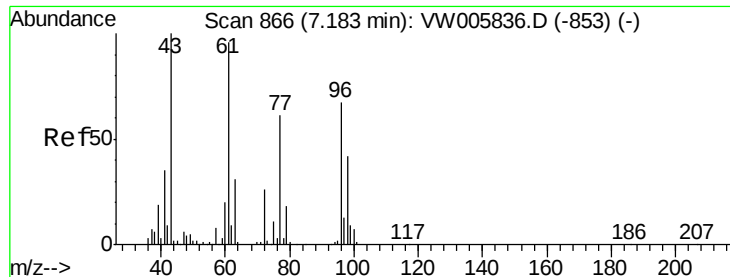
Tgt Ion: 43 Resp: 687
Ion Ratio Lower Upper
43 100
74 12.8 19.5 29.3#



#20
Methylene Chloride
Concen: 9.189 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW005873.D
Acq: 05 Oct 2018 02:14

Tgt Ion: 84 Resp: 16187
Ion Ratio Lower Upper
84 100
49 113.4 96.8 145.2
51 36.1 28.8 43.2
86 57.8 50.5 75.7





#25

2-Butanone

Concen: 2.991 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW005873.D

Acq: 05 Oct 2018 02:14

Instrument :

MSVOA_W

ClientSampleId :

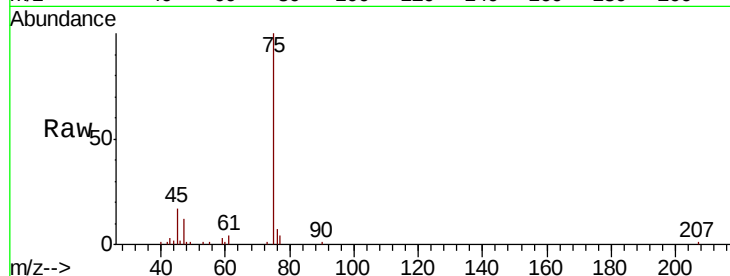
T-1A

Tgt Ion: 43 Resp: 807

Ion Ratio Lower Upper

43 100

72 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.15

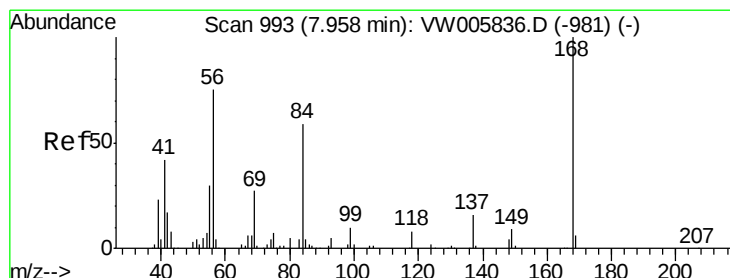
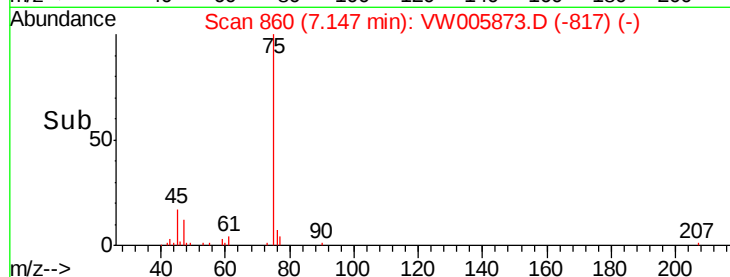
300

200

100

0

Time-->



#31

Cyclohexane

Concen: 1.431 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005873.D

Acq: 05 Oct 2018 02:14

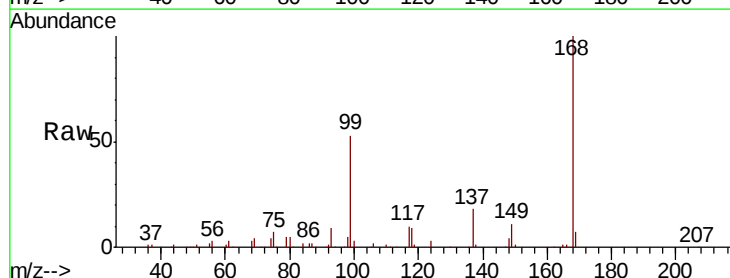
Tgt Ion: 56 Resp: 2250

Ion Ratio Lower Upper

56 100

69 164.0 29.0 43.4#

84 85.1 63.5 95.3



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

2000

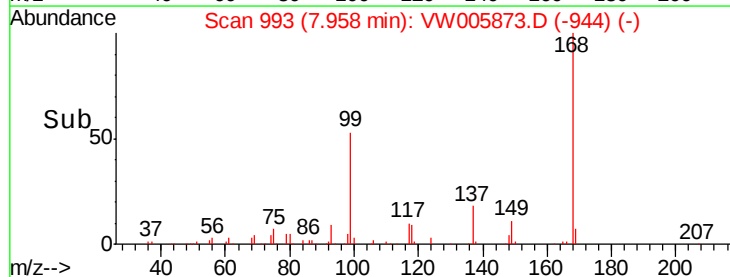
1500

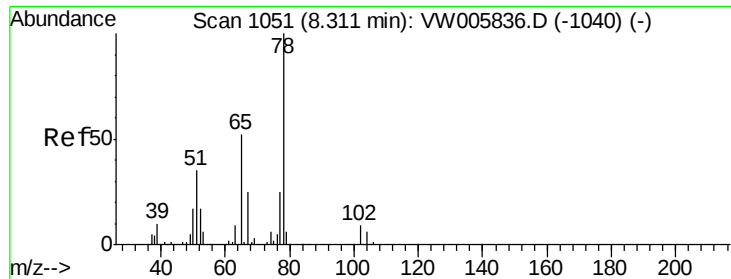
1000

500

0

Time-->

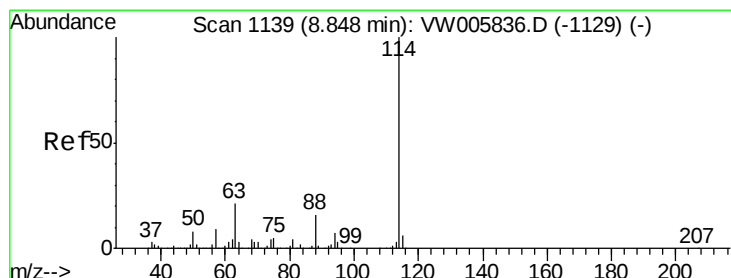
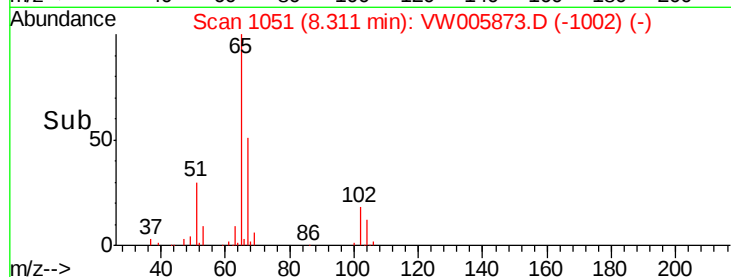
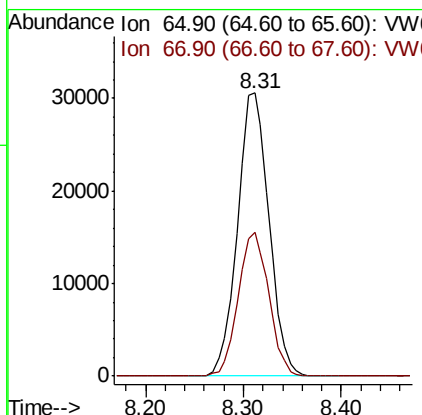
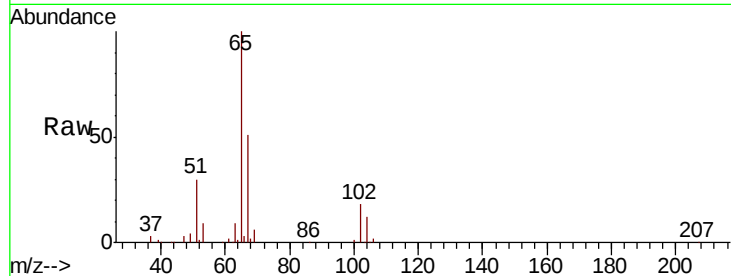




#33
 1,2-Dichloroethane-d4
 Concen: 59.292 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005873.D
 Acq: 05 Oct 2018 02:14

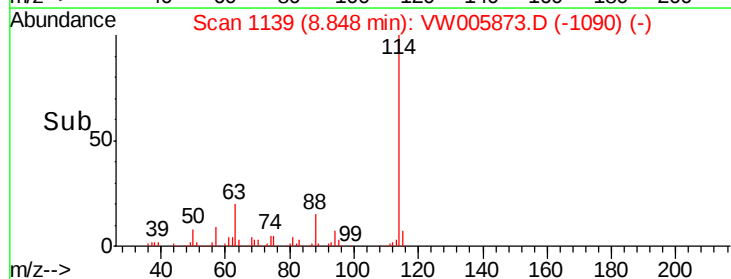
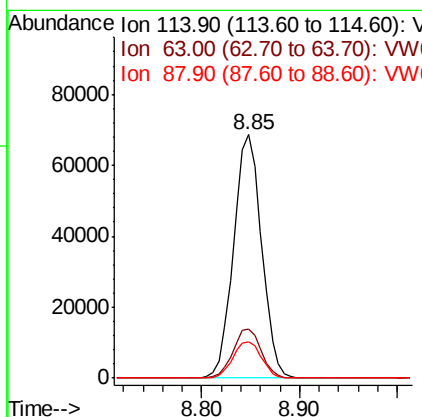
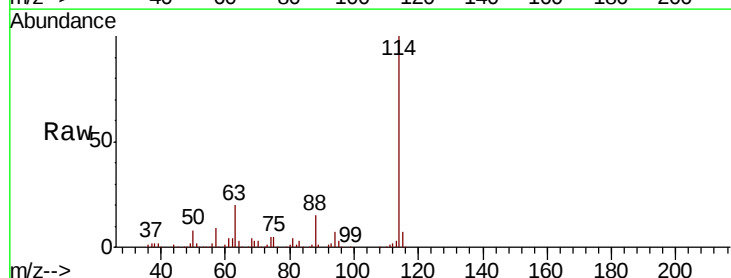
Instrument :
 MSVOA_W
 ClientSampleId :
 T-1A

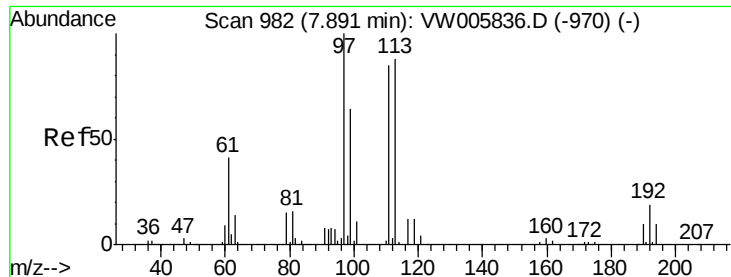
Tgt Ion: 65 Resp: 68147
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005873.D
 Acq: 05 Oct 2018 02:14

Tgt Ion: 114 Resp: 136073
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.0
 88 14.9 0.0 31.2

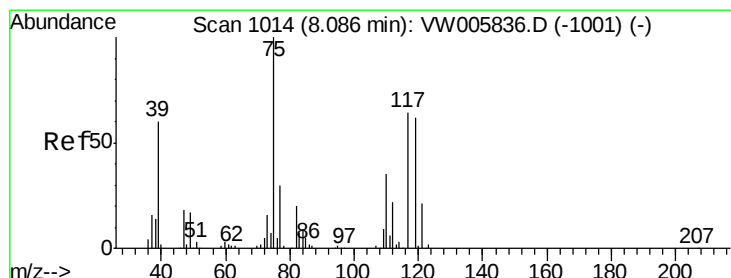
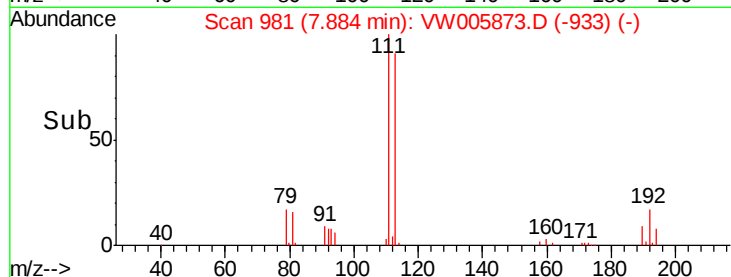
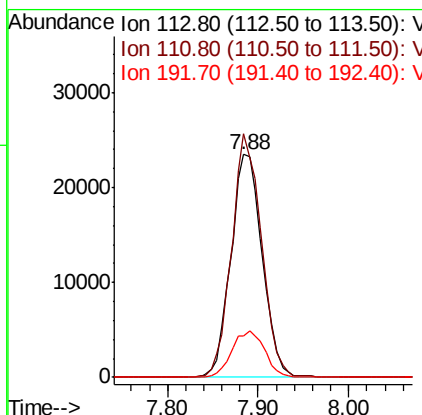
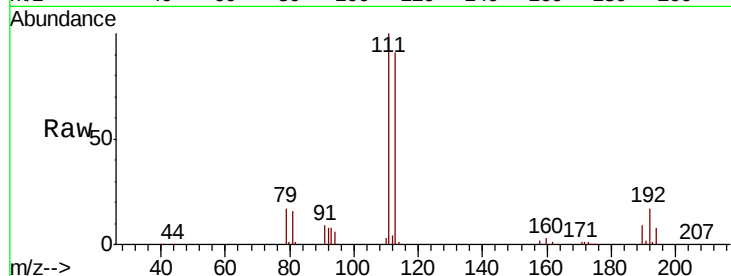




#35
 Dibromofluoromethane
 Concen: 63.166 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW005873.D
 Acq: 05 Oct 2018 02:14

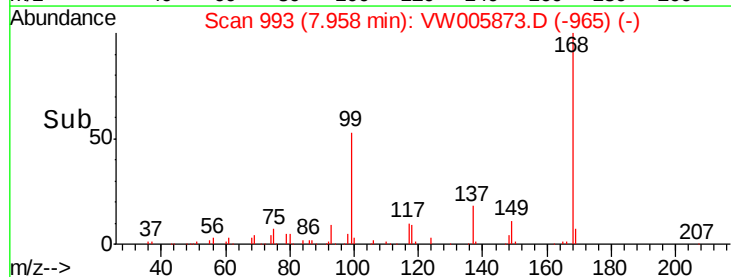
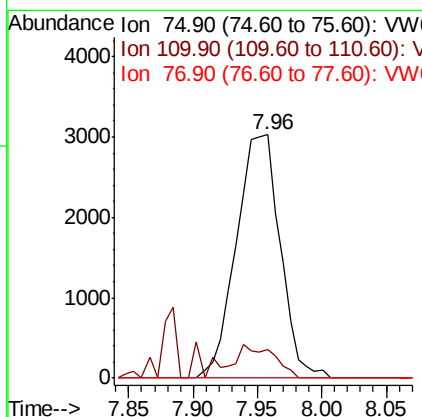
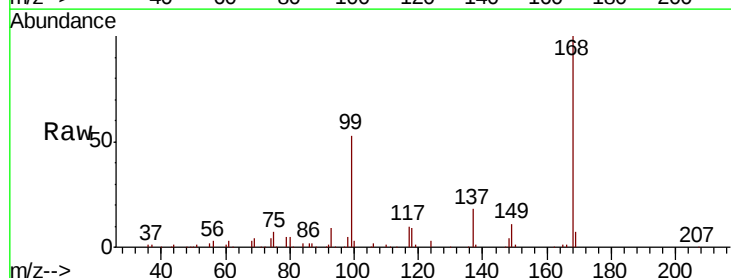
Instrument :
 MSVOA_W
 ClientSampleId :
 T-1A

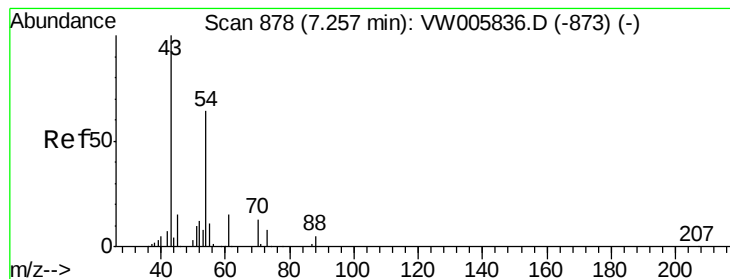
Tgt Ion:113 Resp: 56337
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.4 122.2
 192 21.7 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 5.294 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005873.D
 Acq: 05 Oct 2018 02:14

Tgt Ion: 75 Resp: 7160
 Ion Ratio Lower Upper
 75 100
 110 11.7 17.5 52.6#
 77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 1.434 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.11 min

Lab File: VW005873.D

Acq: 05 Oct 2018 02:14

Instrument :

MSVOA_W

ClientSampleId :

T-1A

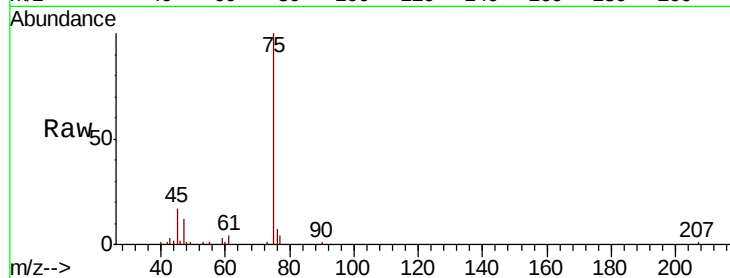
Tgt Ion: 43 Resp: 807

Ion Ratio Lower Upper

43 100

61 127.8 11.2 16.8#

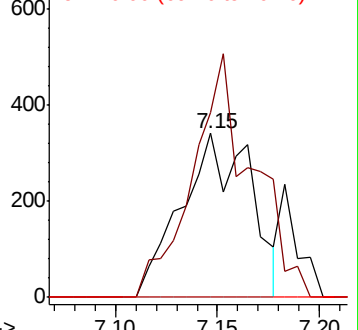
70 0.0 8.6 13.0#



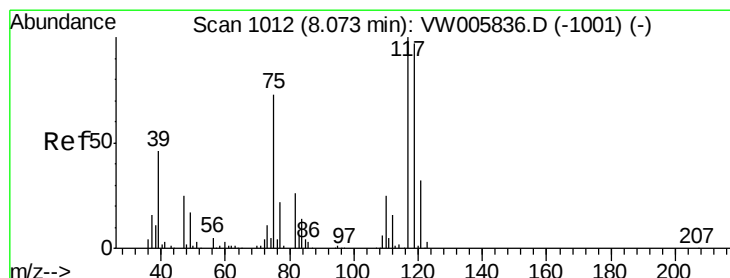
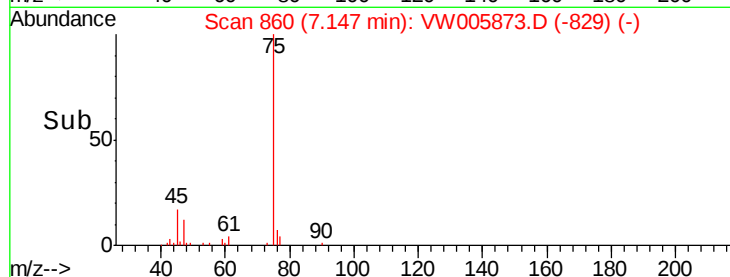
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



Time-->



#38

Carbon Tetrachloride

Concen: 6.244 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005873.D

Acq: 05 Oct 2018 02:14

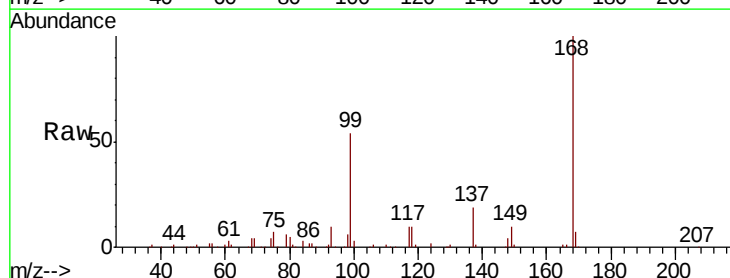
Tgt Ion: 117 Resp: 9410

Ion Ratio Lower Upper

117 100

119 4.9 77.9 116.9#

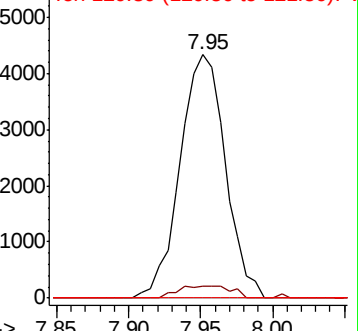
121 0.0 25.2 37.8#



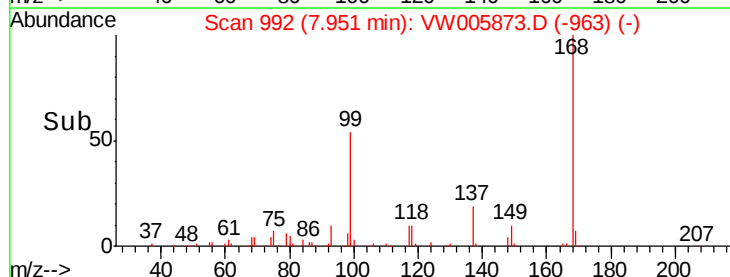
Abundance Ion 116.80 (116.50 to 117.50): V

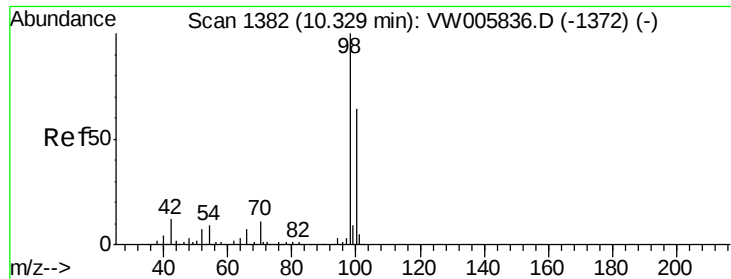
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



Time-->

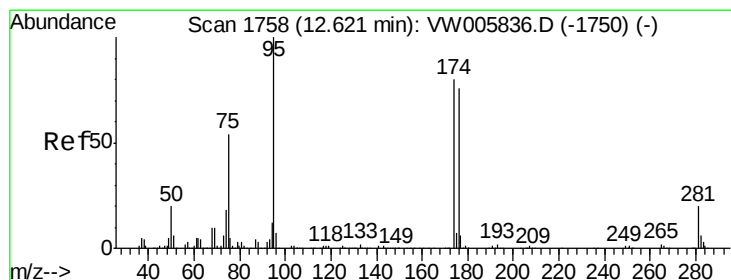
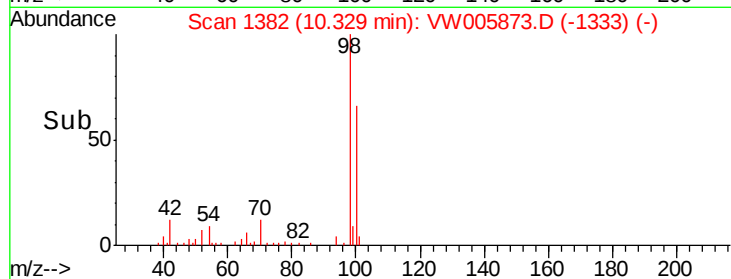
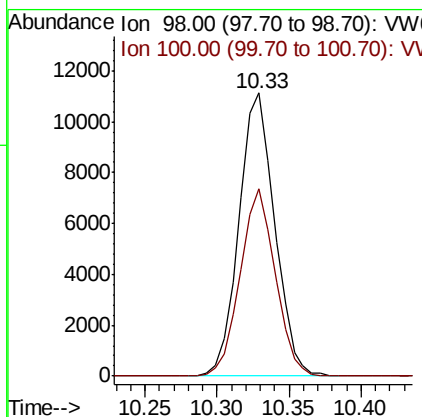
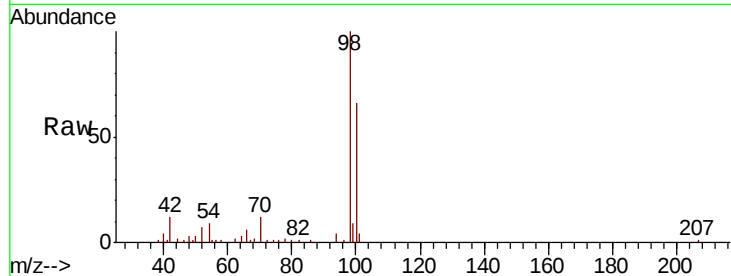




#50
Toluene-d8
Concen: 5.404 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005873.D
Acq: 05 Oct 2018 02:14

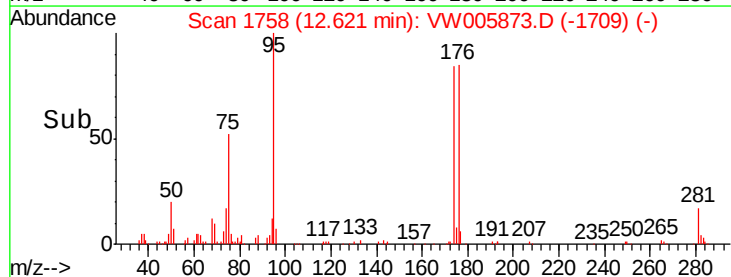
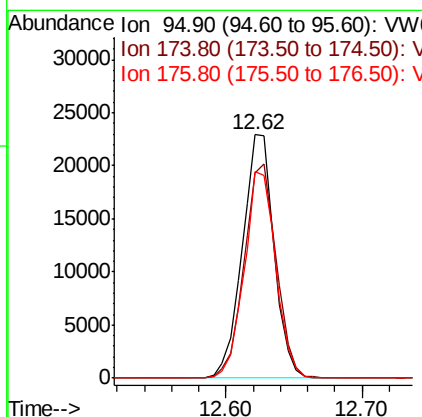
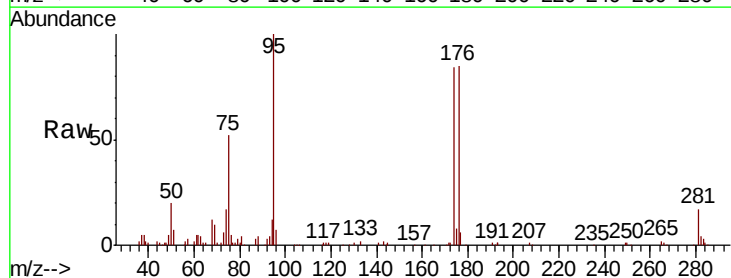
Instrument :
MSVOA_W
ClientSampled :
T-1A

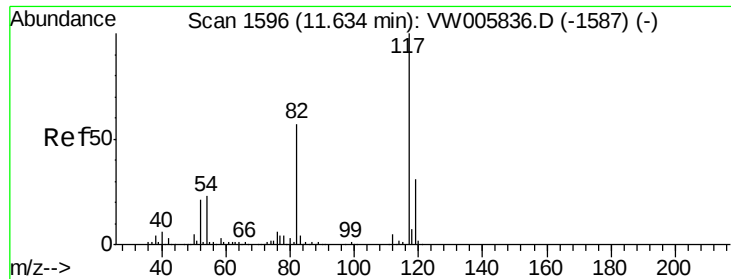
Tgt Ion: 98 Resp: 19136
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 28.534 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005873.D
Acq: 05 Oct 2018 02:14

Tgt Ion: 95 Resp: 37344
Ion Ratio Lower Upper
95 100
174 88.9 0.0 169.0
176 84.1 0.0 164.2

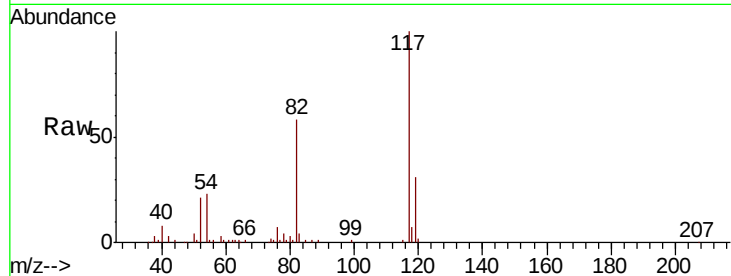




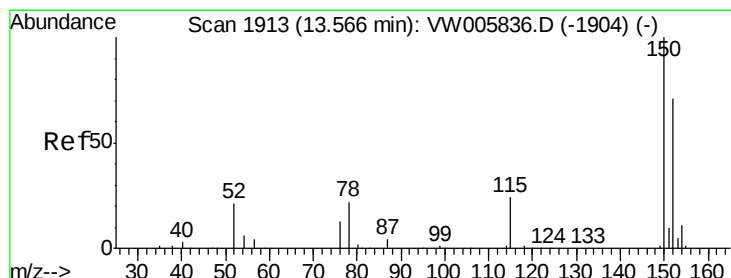
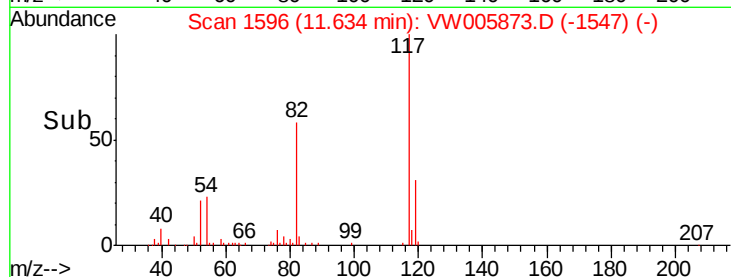
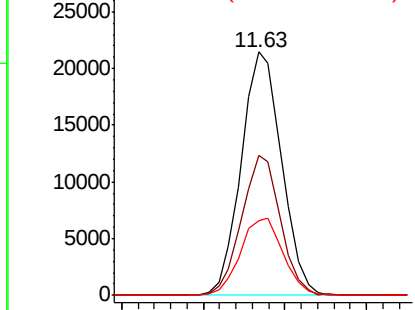
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005873.D
Acq: 05 Oct 2018 02:14

Instrument :
MSVOA_W
ClientSampleId :
T-1A

Tgt Ion:117 Resp: 36827
Ion Ratio Lower Upper
117 100
82 57.6 45.6 68.4
119 30.7 25.0 37.6

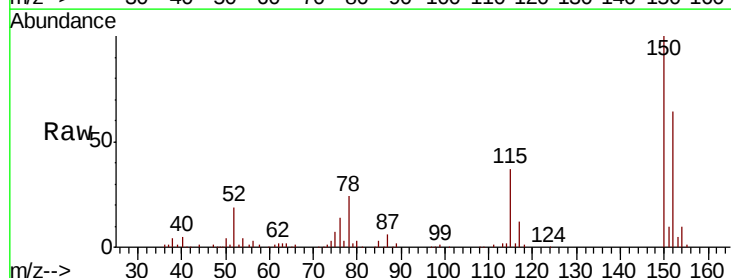


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

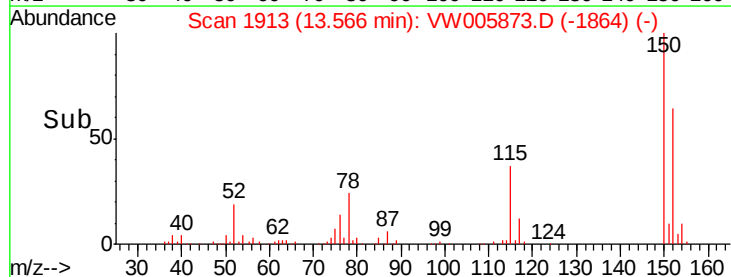
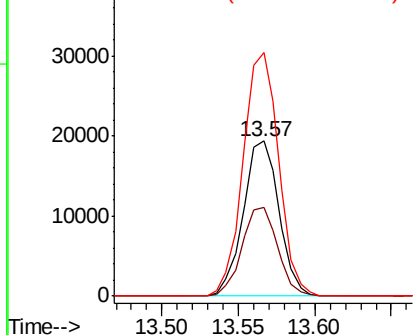


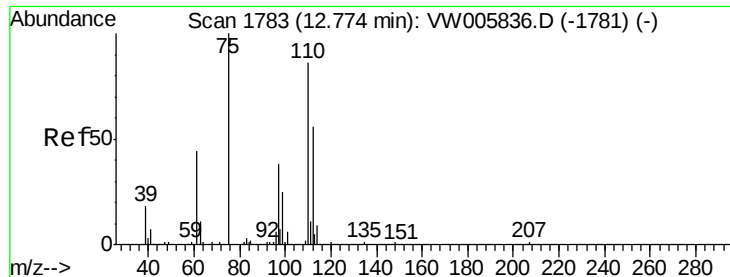
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005873.D
Acq: 05 Oct 2018 02:14

Tgt Ion:152 Resp: 31530
Ion Ratio Lower Upper
152 100
115 57.0 29.8 89.4
150 156.0 0.0 349.4



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

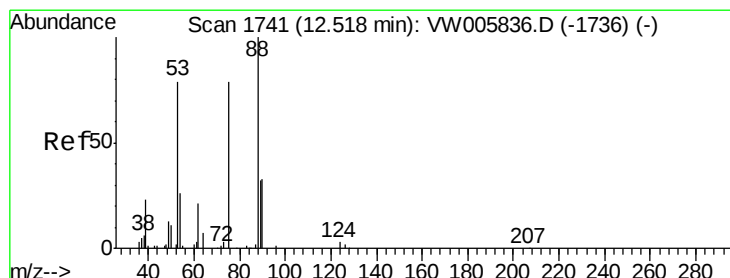
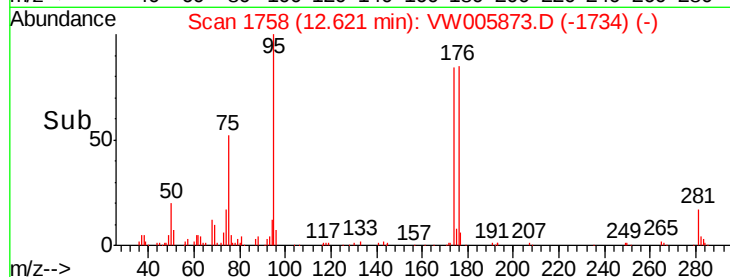
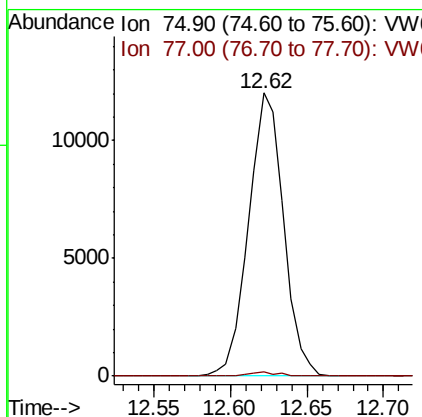
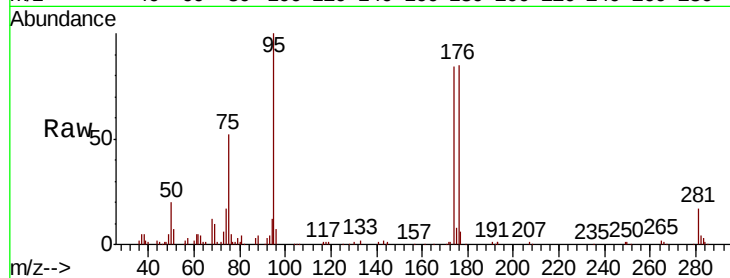




#76
 1,2,3-Trichloropropane
 Concen: 66.816 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005873.D
 Acq: 05 Oct 2018 02:14

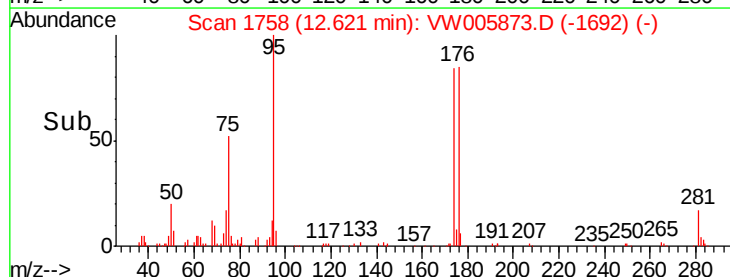
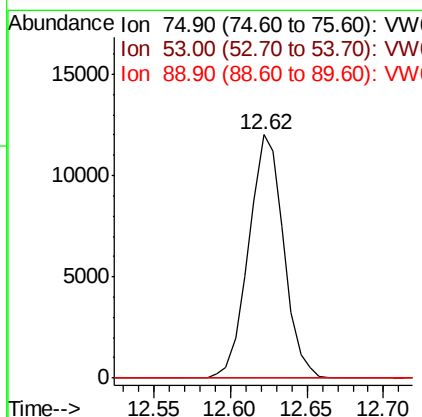
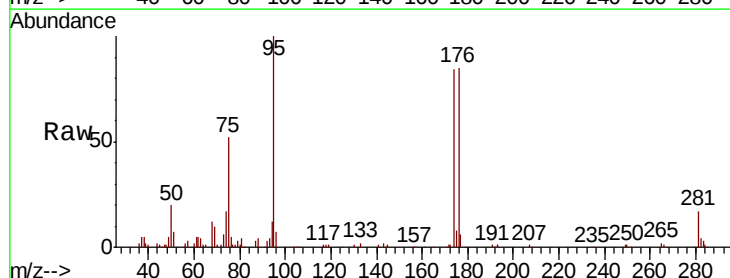
Instrument :
 MSVOA_W
 ClientSampled :
 T-1A

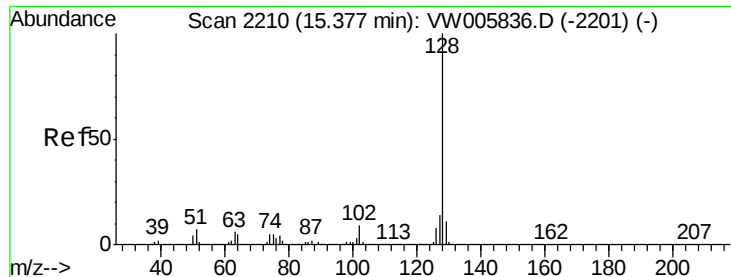
Tgt Ion: 75 Resp: 19146
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 168.898 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005873.D
 Acq: 05 Oct 2018 02:14

Tgt Ion: 75 Resp: 19146
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.7 125.5#
 89 0.0 37.5 56.3#





#95
 Naphthalene
 Concen: 2.238 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW005873.D
 Acq: 05 Oct 2018 02:14

Instrument :
 MSVOA_W
 ClientSampleId :
 T-1A

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.9	16.3#
129	0.0	8.9	13.3#

