

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
 Data File : VW004208.D
 Acq On : 25 Jul 2018 22:29
 Operator : SY/AP
 Sample : J4096-04
 Misc : 6.61G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-6

Quant Time: Jul 26 05:12:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	125372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	231300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	22300	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	70928	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
35) Dibromofluoromethane	7.88	113	49358	33.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.52%	
50) Toluene-d8	10.33	98	125259	21.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.50%	
62) 4-Bromofluorobenzene	12.62	95	24146	11.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.26%	

Target Compounds					Qvalue
8) Diethyl Ether	3.67	74	944	1.520	ug/l 71
11) Tert butyl alcohol	5.18	59	14423	149.086	ug/l 97
16) Acetone	4.12	43	105984	314.719	ug/l 99
17) Carbon Disulfide	4.37	76	43610	11.467	ug/l 99
18) Methyl Acetate	4.67	43	8559	10.588	ug/l 99
20) Methylene Chloride	4.91	84	31923	16.150	ug/l 96
25) 2-Butanone	7.18	43	48429	106.865	ug/l 95
26) 2,2-Dichloropropane	7.15	77	7084	4.976	ug/l # 52
29) Tetrahydrofuran	7.53	42	820	2.905	ug/l # 63
31) Cyclohexane	7.95	56	8763	3.769	ug/l # 60
36) 1,1-Dichloropropene	7.95	75	10704	4.498	ug/l # 51
37) Ethyl Acetate	7.18	43	48429	42.191	ug/l # 88
38) Carbon Tetrachloride	7.95	117	12244	5.506	ug/l # 18
39) Methylcyclohexane	9.34	83	3570	1.281	ug/l 86
51) 4-Methyl-2-Pentanone	10.21	43	133755	116.943	ug/l 98
52) Toluene	10.39	92	9111	2.232	ug/l 100
56) Ethyl methacrylate	10.66	69	308	3.111	ug/l # 22
59) 2-Hexanone	10.98	43	2732	3.389	ug/l 87
67) Ethyl Benzene	11.74	91	65254	15.658	ug/l 95
68) m/p-Xylenes	11.84	106	50567	31.747	ug/l 98
69) o-Xylene	12.17	106	16523	11.183	ug/l 96
70) Styrene	12.18	104	3105	1.258	ug/l # 13
73) Isopropylbenzene	12.47	105	7860	4.988	ug/l 96
74) N-aryl acetate	12.26	43	12121	29.521	ug/l # 70
75) 1,1,2,2-Tetrachloroethane	12.78	83	2954	9.693	ug/l # 29
76) 1,2,3-Trichloropropane	12.62	75	13945	62.989	ug/l # 100
78) n-propylbenzene	12.81	91	5871	3.037	ug/l 86
79) 2-Chlorotoluene	13.10	91	1591	1.459	ug/l 88
80) 1,3,5-Trimethylbenzene	12.95	105	10035	7.567	ug/l 96
81) trans-1,4-Dichloro-2-buten	12.62	75	13945	139.330	ug/l # 14
82) 4-Chlorotoluene	12.96	91	2985	2.551	ug/l 74
83) tert-Butylbenzene	13.45	119	5960	5.353	ug/l 97
84) 1,2,4-Trimethylbenzene	13.26	105	20907	15.324	ug/l 98
85) sec-Butylbenzene	13.39	105	23079	13.971	ug/l 93

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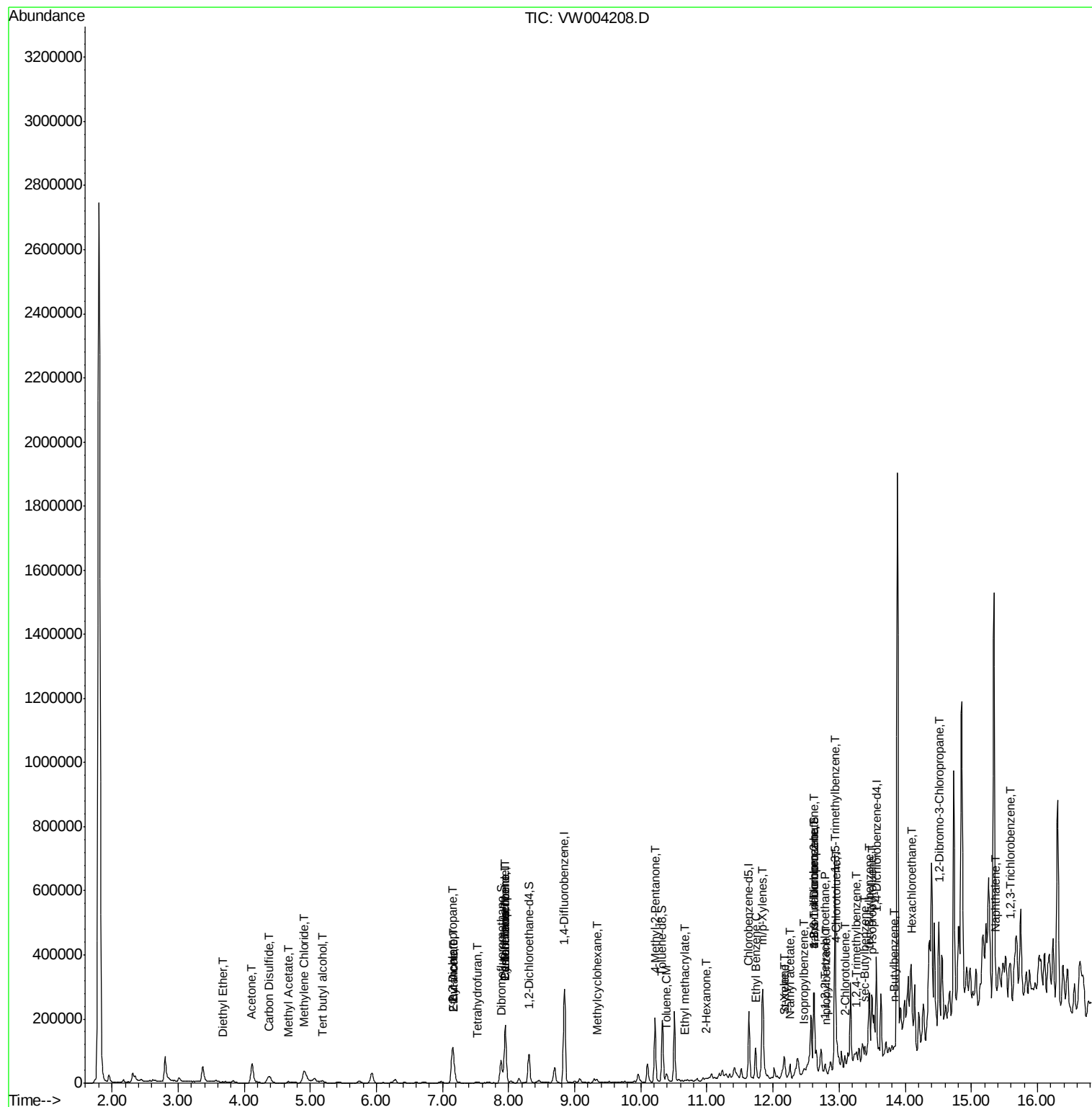
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.51	119	36534	25.214	ug/l	95
89) n-Butylbenzene	13.83	91	5895	4.139	ug/l #	76
90) Hexachloroethane	14.10	117	1547	5.792	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.52	75	229	4.226	ug/l #	1
95) Naphthalene	15.38	128	26508	30.477	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.59	180	1883	4.513	ug/l #	12

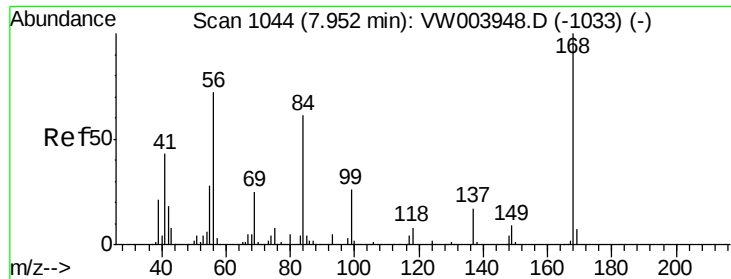
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

Instrument :

MSVOA_W

ClientSampled :

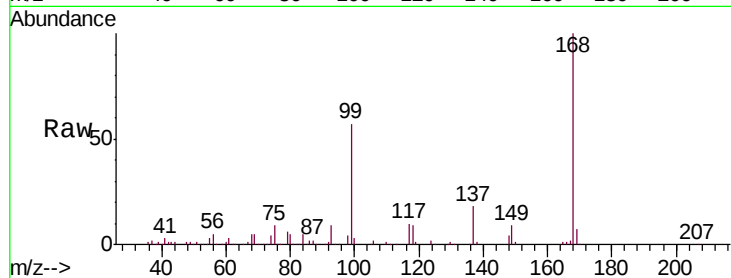
DW-6

Tgt Ion:168 Resp: 125372

Ion Ratio Lower Upper

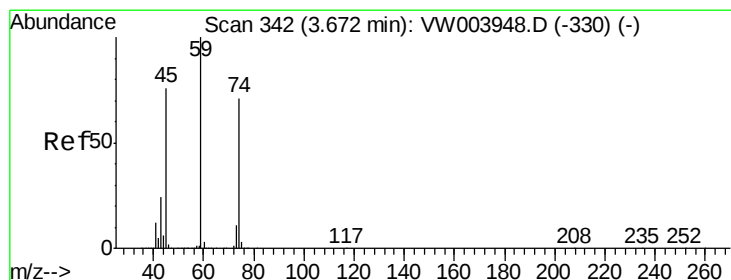
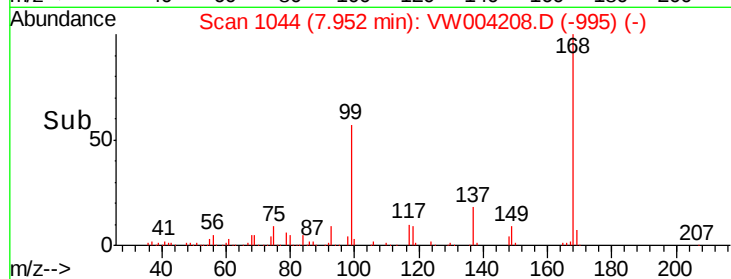
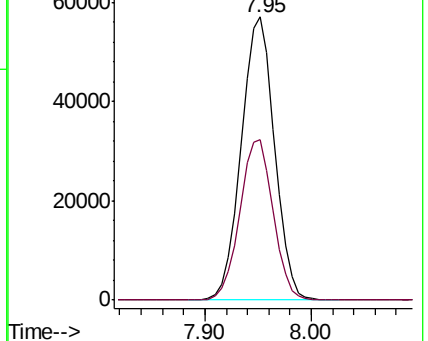
168 100

99 56.6 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.520 ug/l

RT: 3.67 min Scan# 342

Delta R.T. 0.00 min

Lab File: VW004208.D

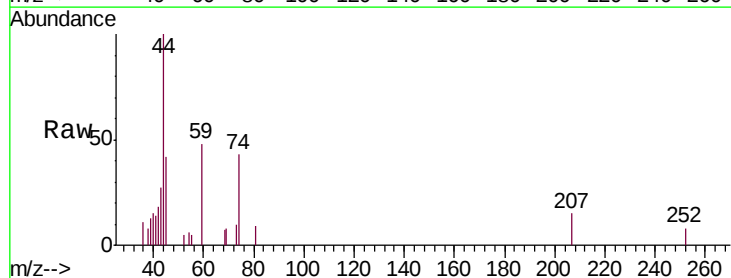
Acq: 25 Jul 2018 22:29

Tgt Ion: 74 Resp: 944

Ion Ratio Lower Upper

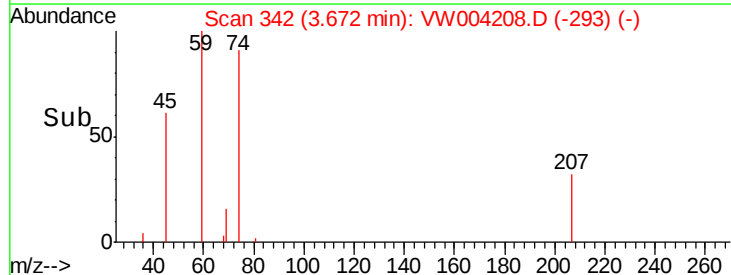
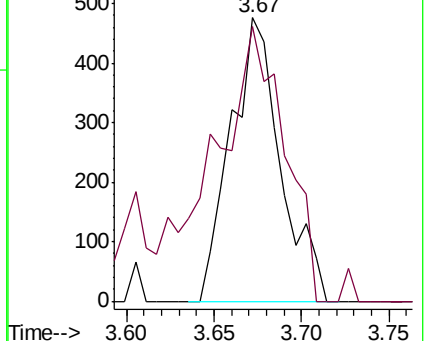
74 100

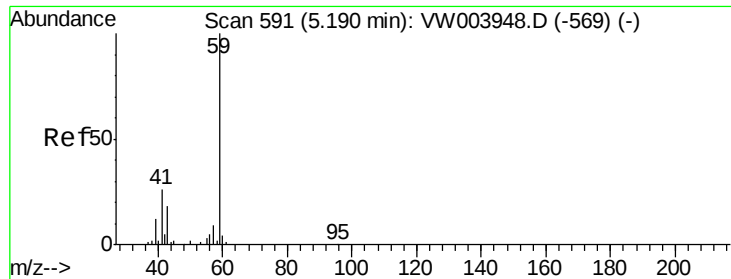
45 137.8 53.8 161.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

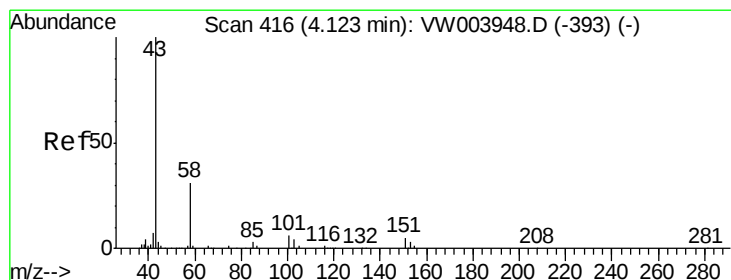
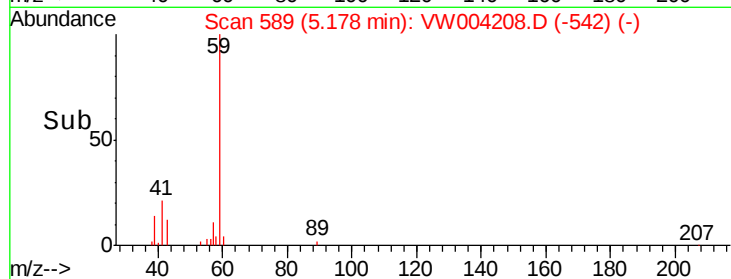
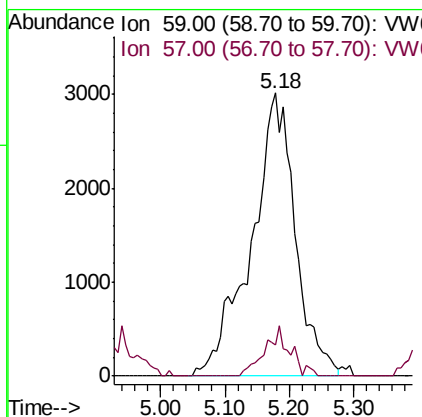
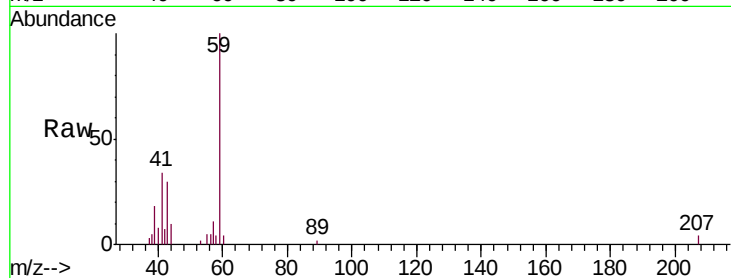




#11
Tert butyl alcohol
Concen: 149.086 ug/l
RT: 5.18 min Scan# 589
Delta R.T. -0.01 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

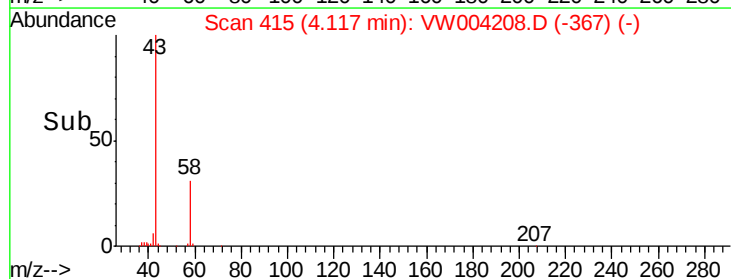
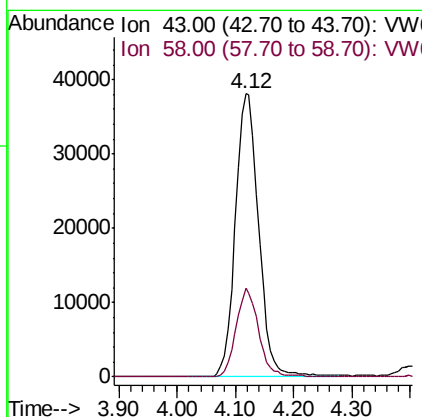
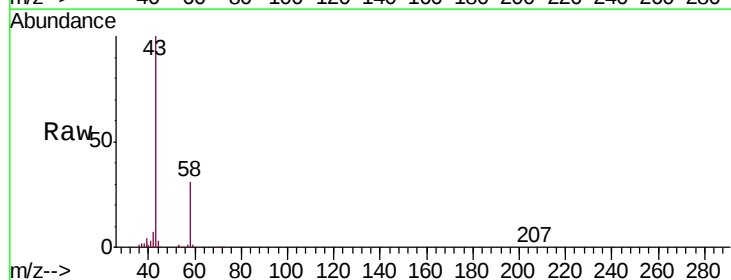
Instrument :
MSVOA_W
ClientSampleId :
DW-6

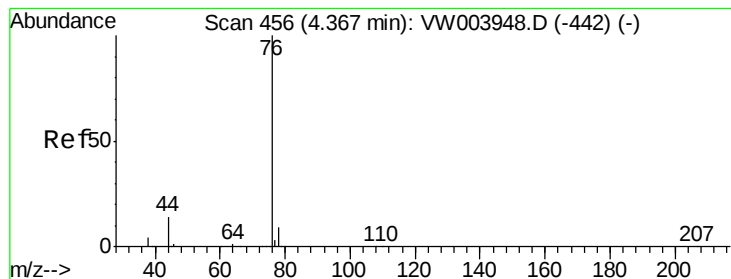
Tgt Ion: 59 Resp: 14423
Ion Ratio Lower Upper
59 100
57 9.4 8.5 12.7



#16
Acetone
Concen: 314.719 ug/l
RT: 4.12 min Scan# 415
Delta R.T. -0.01 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

Tgt Ion: 43 Resp: 105984
Ion Ratio Lower Upper
43 100
58 31.3 24.5 36.7





#17

Carbon Disulfide

Concen: 11.467 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

Instrument :

MSVOA_W

ClientSampleId :

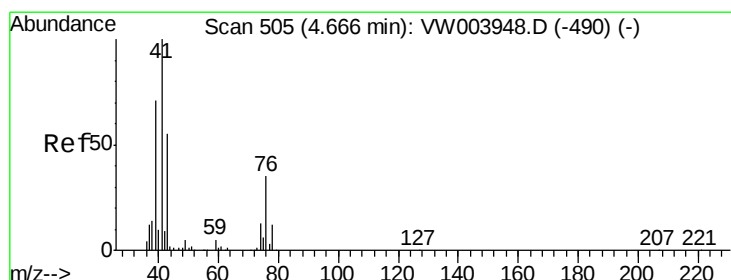
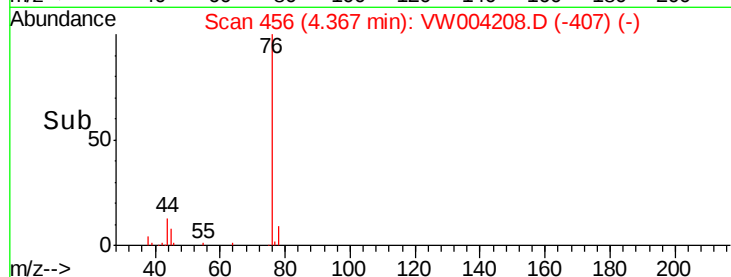
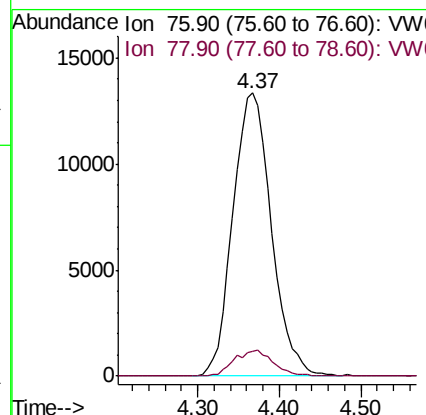
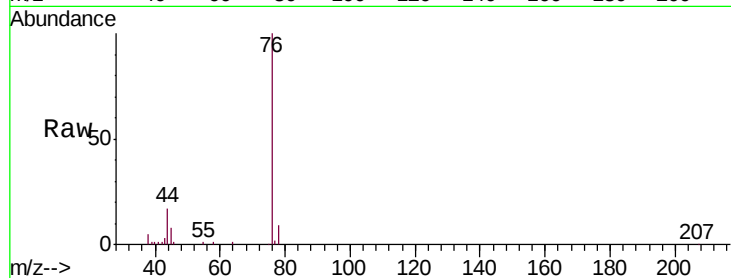
DW-6

Tgt Ion: 76 Resp: 43610

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



#18

Methyl Acetate

Concen: 10.588 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW004208.D

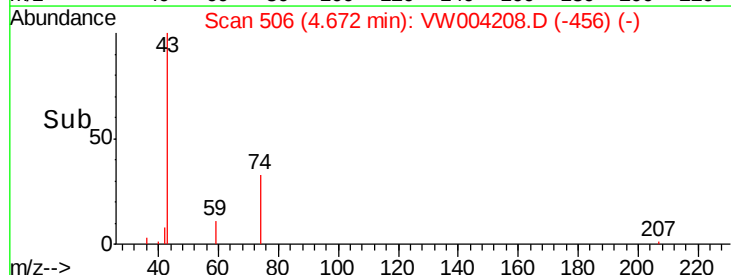
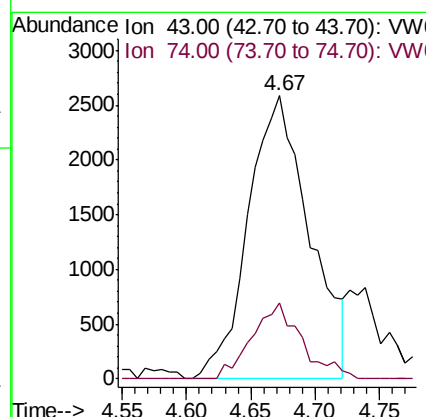
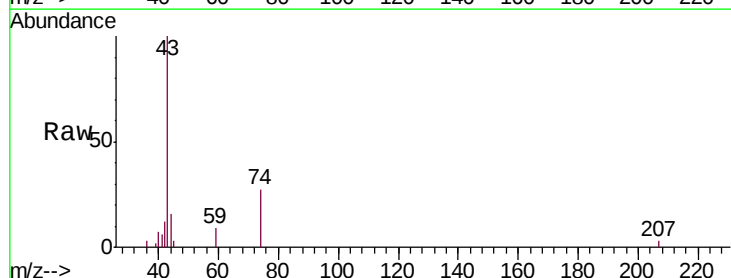
Acq: 25 Jul 2018 22:29

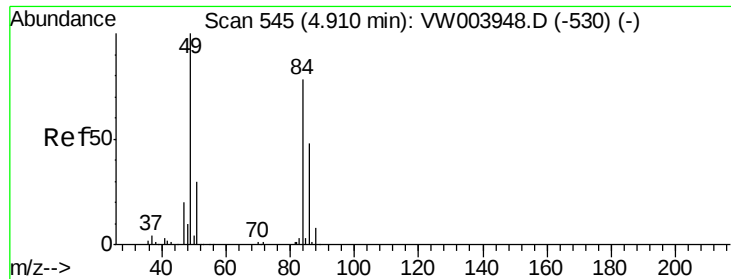
Tgt Ion: 43 Resp: 8559

Ion Ratio Lower Upper

43 100

74 21.7 17.7 26.5

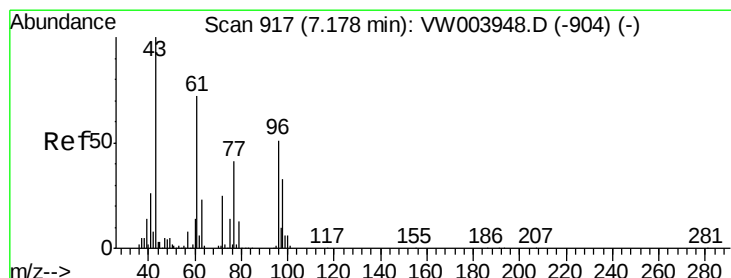
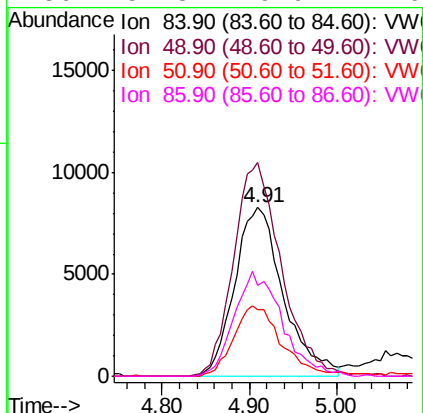
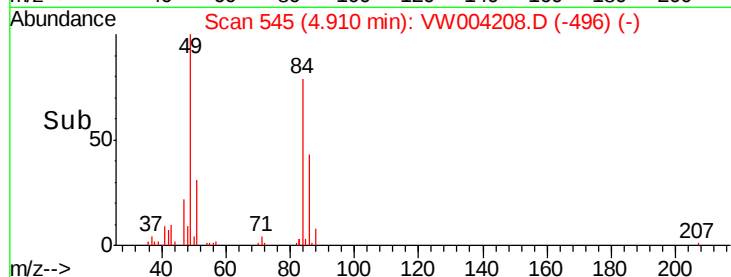
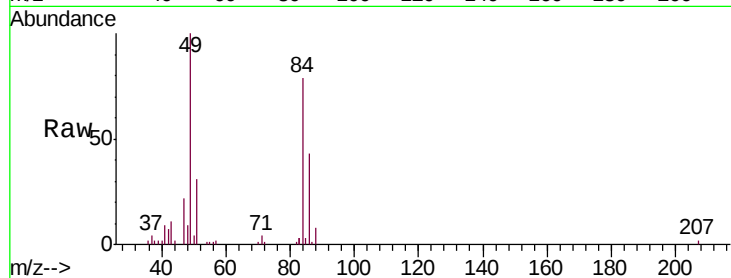




#20
Methylene Chloride
Concen: 16.150 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

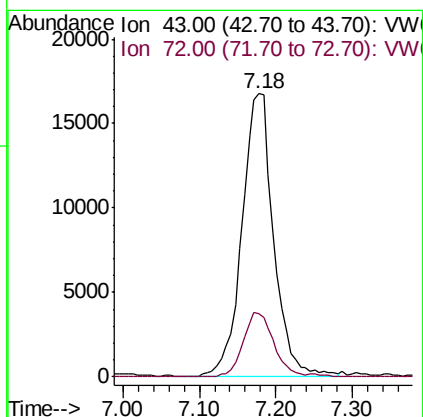
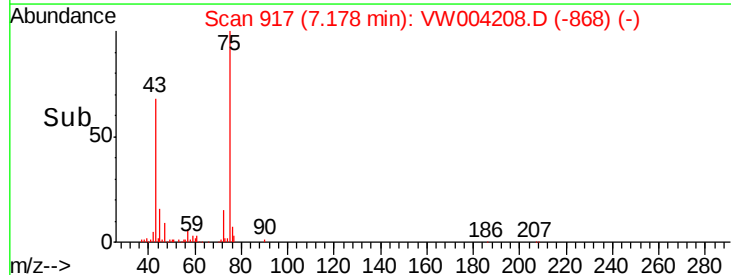
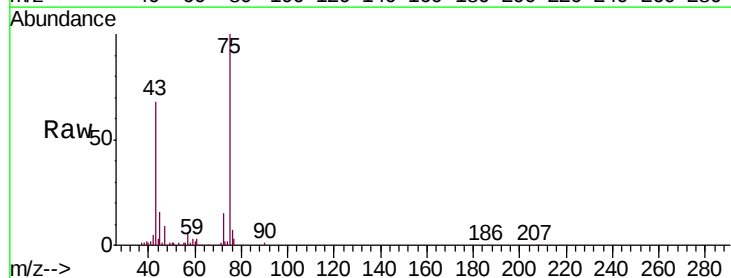
Instrument :
MSVOA_W
ClientSampled :
DW-6

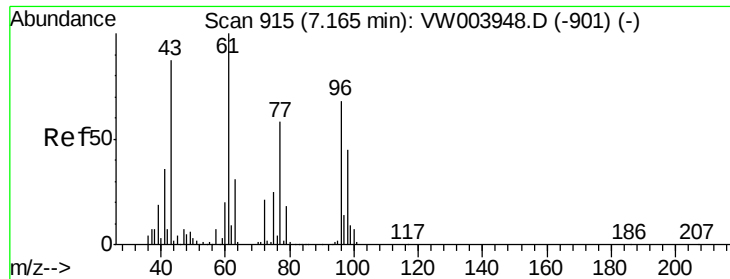
Tgt Ion: 84 Resp: 31923
Ion Ratio Lower Upper
84 100
49 126.8 102.9 154.3
51 39.7 30.9 46.3
86 54.3 49.9 74.9



#25
2-Butanone
Concen: 106.865 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

Tgt Ion: 43 Resp: 48429
Ion Ratio Lower Upper
43 100
72 22.4 19.8 29.6





#26

2,2-Dichloropropane

Concen: 4.976 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.02 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

Instrument :

MSVOA_W

ClientSampled :

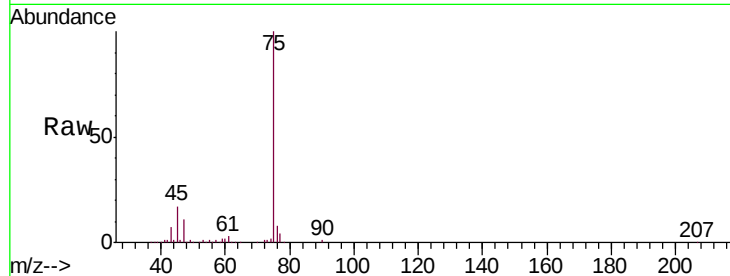
DW-6

Tgt Ion: 77 Resp: 7084

Ion Ratio Lower Upper

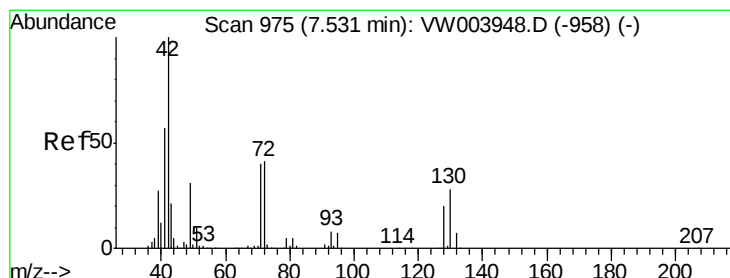
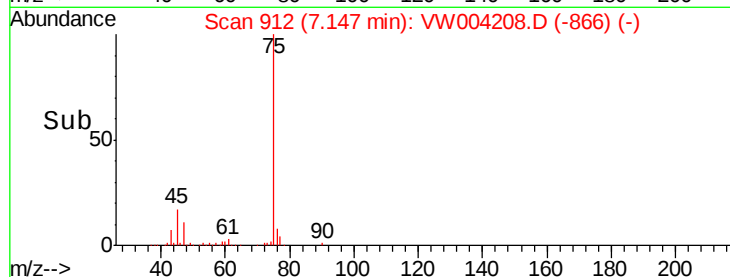
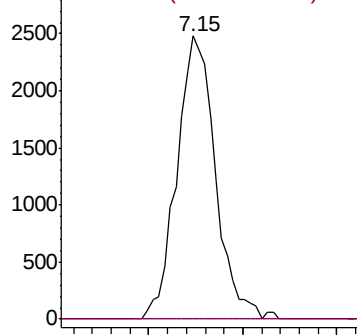
77 100

97 0.0 11.8 35.3#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#29

Tetrahydrofuran

Concen: 2.905 ug/l

RT: 7.53 min Scan# 975

Delta R.T. 0.00 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

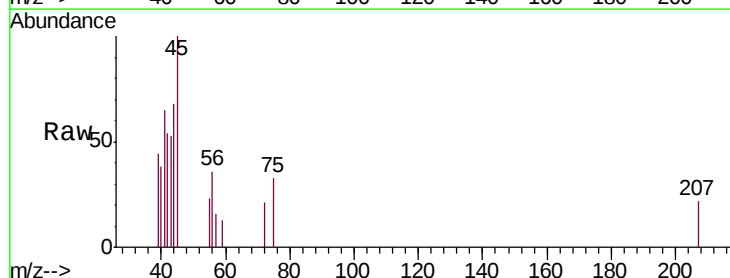
Tgt Ion: 42 Resp: 820

Ion Ratio Lower Upper

42 100

72 27.0 32.6 48.8#

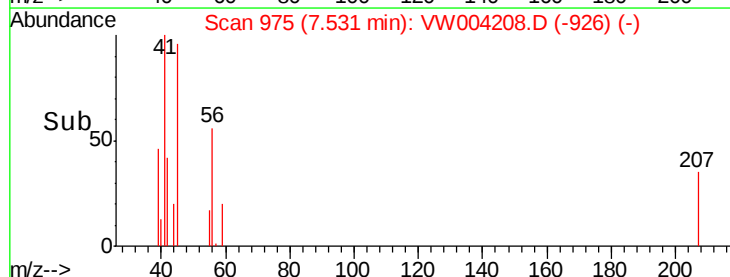
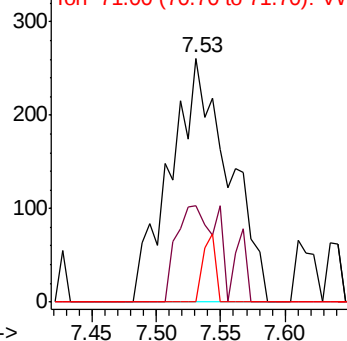
71 5.9 30.5 45.7#

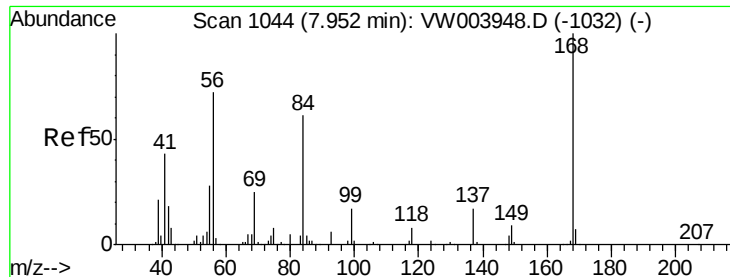


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

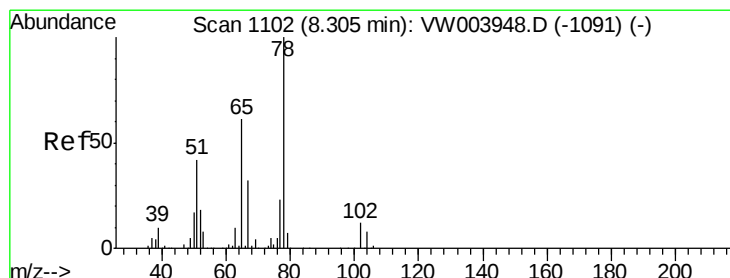
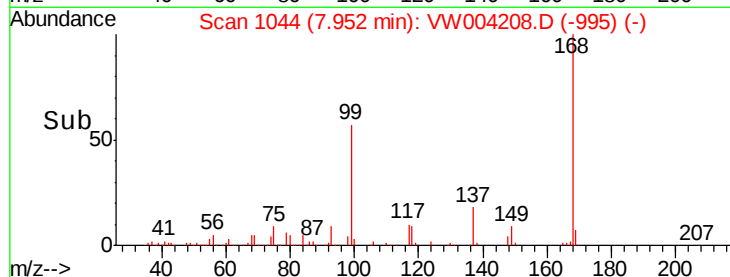
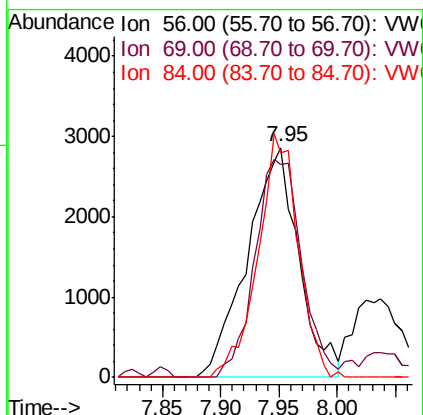
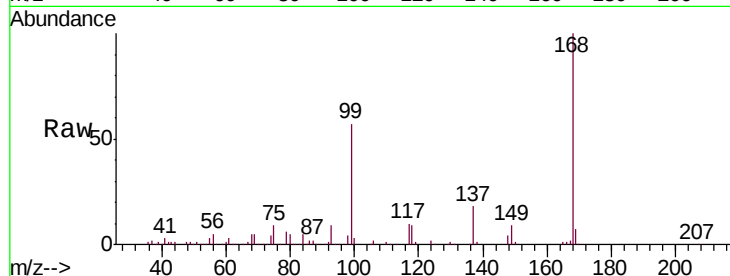




#31
Cyclohexane
Concen: 3.769 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

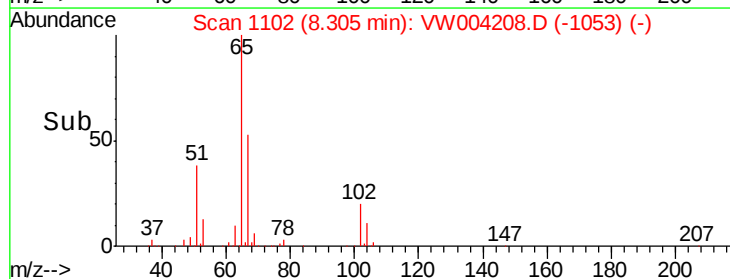
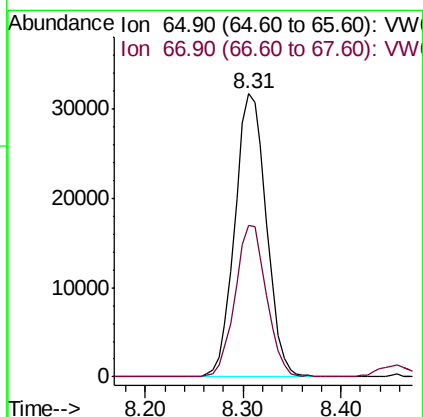
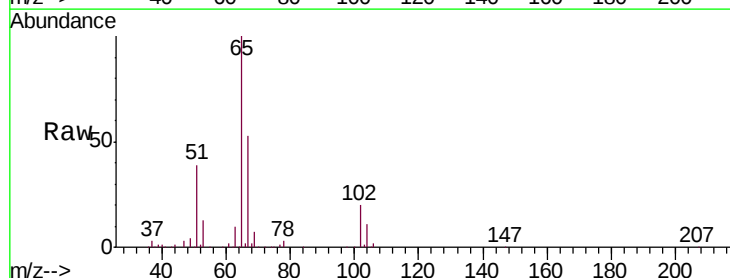
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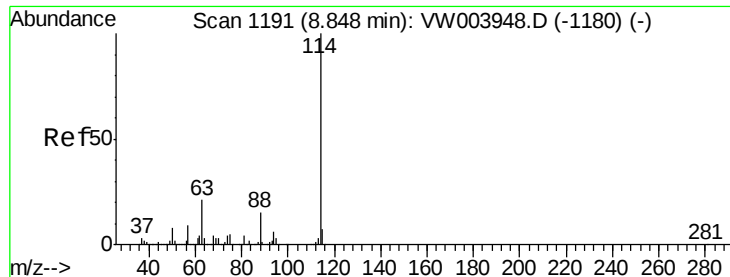
Tgt Ion: 56 Resp: 8763
Ion Ratio Lower Upper
56 100
69 92.6 27.8 41.8#
84 98.0 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 50.612 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

Tgt Ion: 65 Resp: 70928
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.0

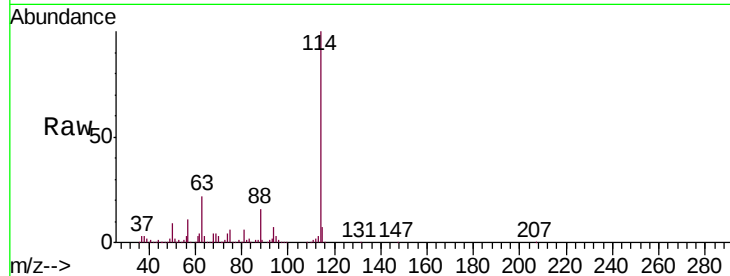




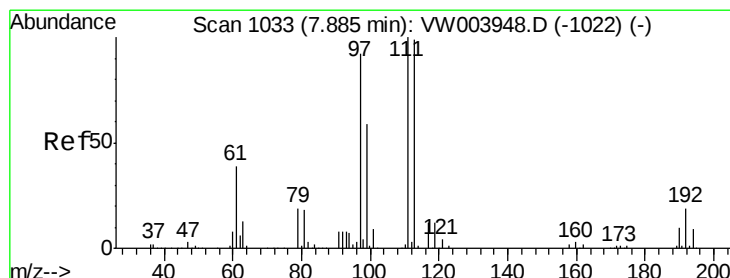
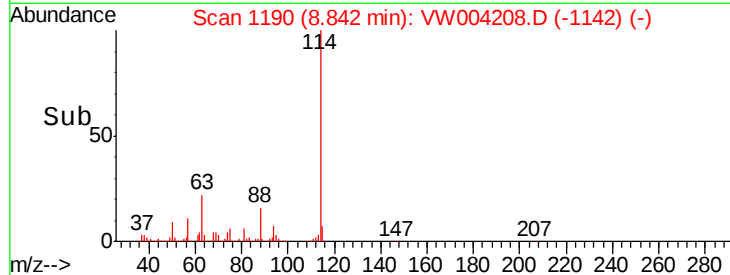
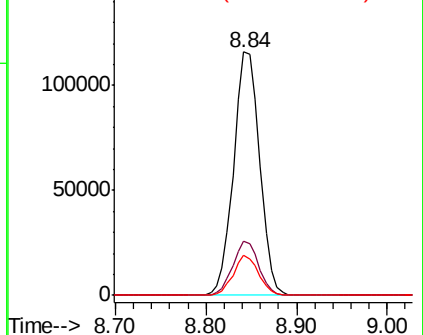
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW004208.D
 Acq: 25 Jul 2018 22:29

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-6

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	42.8
88	16.4	0.0	30.4

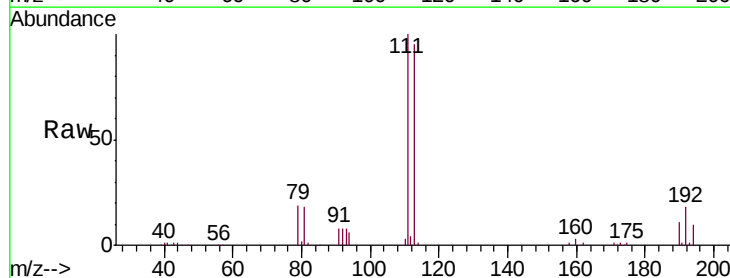


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

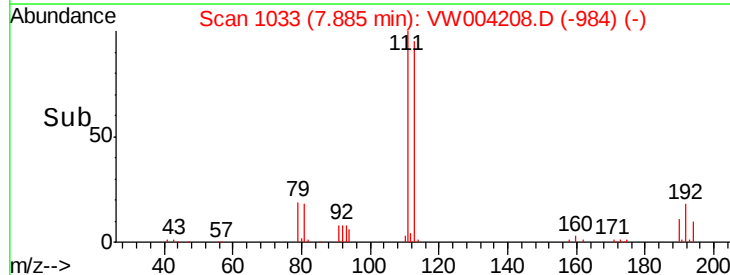
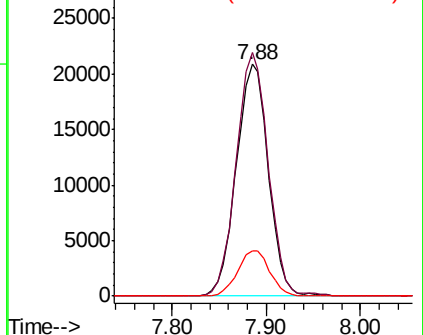


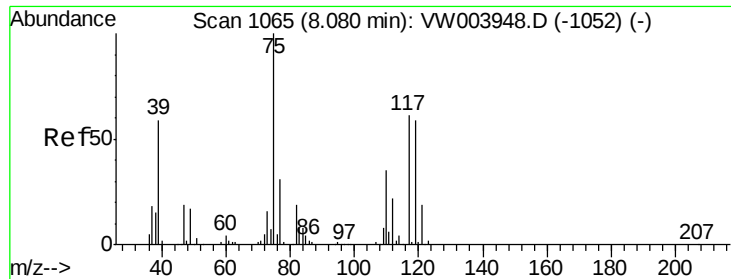
#35
 Dibromofluoromethane
 Concen: 33.258 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004208.D
 Acq: 25 Jul 2018 22:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.3	121.9
192	19.6	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

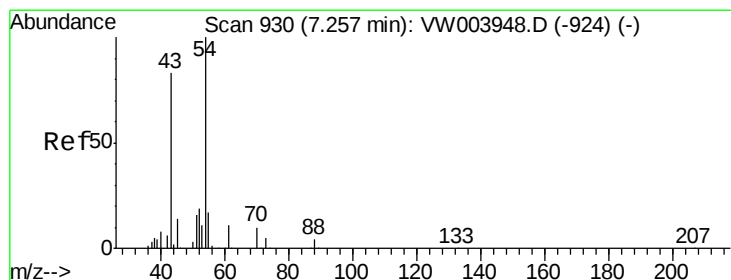
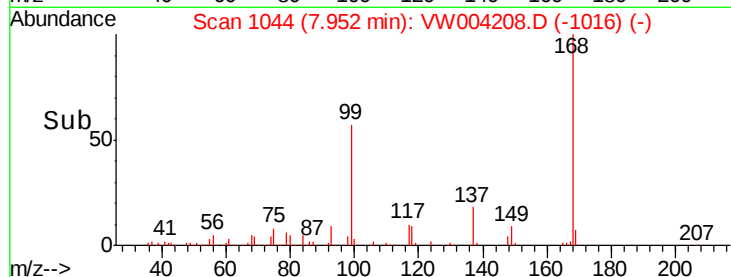
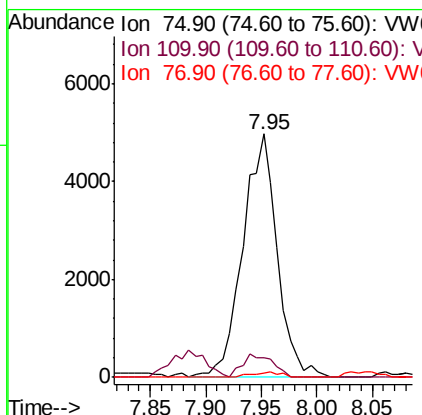
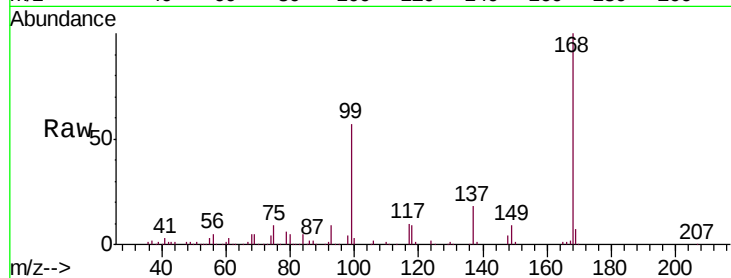




#36
 1,1-Dichloropropene
 Concen: 4.498 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004208.D
 Acq: 25 Jul 2018 22:29

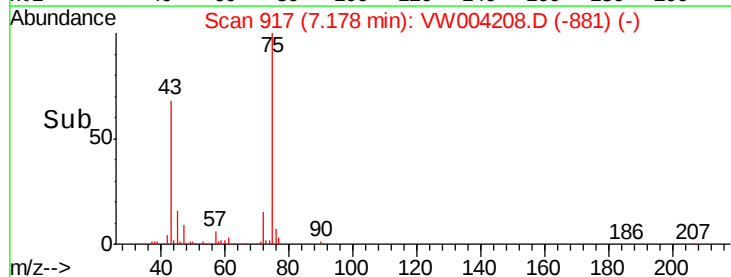
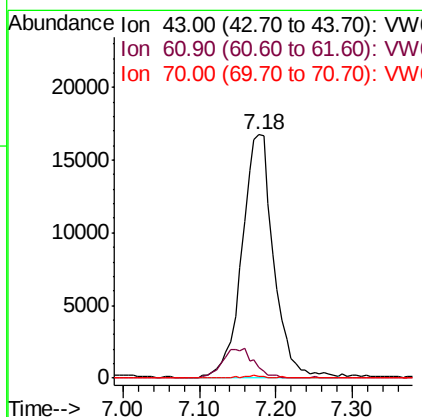
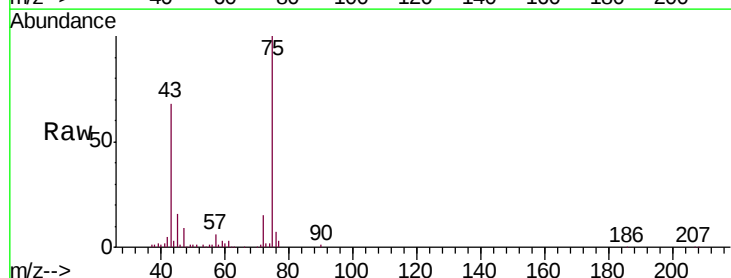
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-6

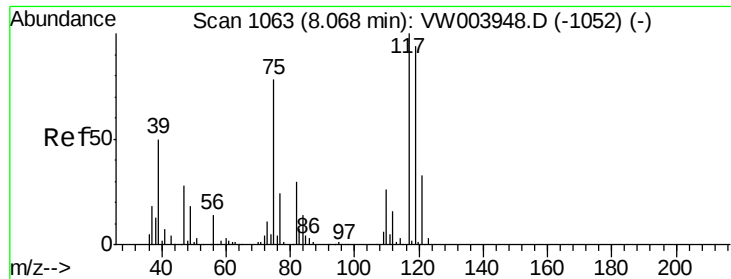
Tgt Ion: 75 Resp: 10704
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.0 51.0#
 77 1.8 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 42.191 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.08 min
 Lab File: VW004208.D
 Acq: 25 Jul 2018 22:29

Tgt Ion: 43 Resp: 48429
 Ion Ratio Lower Upper
 43 100
 61 12.1 10.7 16.1
 70 0.8 7.7 11.5#





#38

Carbon Tetrachloride

Concen: 5.506 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

Instrument :

MSVOA_W

ClientSampled :

DW-6

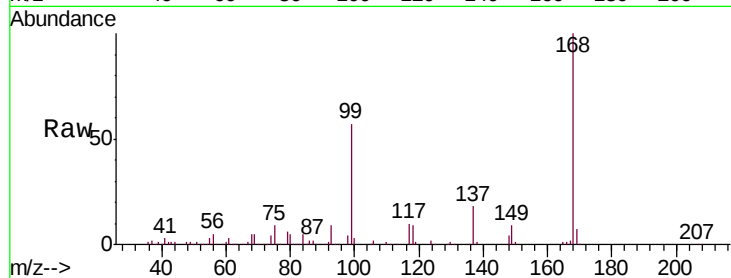
Tgt Ion:117 Resp: 12244

Ion Ratio Lower Upper

117 100

119 7.2 75.3 112.9#

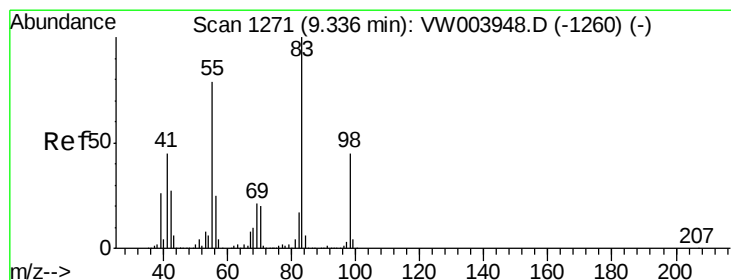
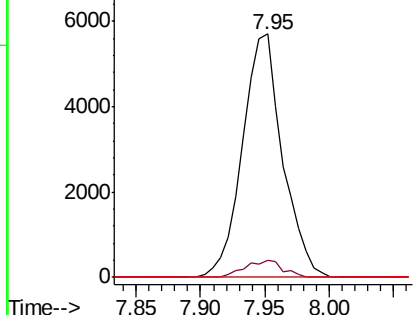
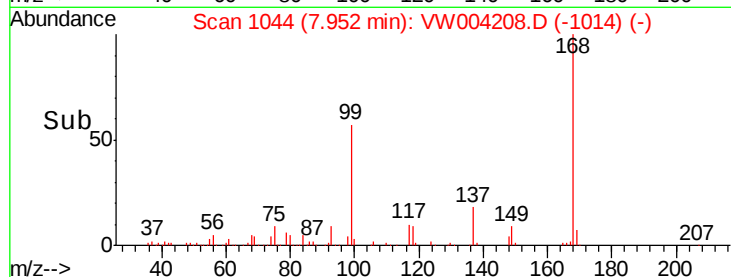
121 0.0 26.0 39.0#



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



#39

Methylcyclohexane

Concen: 1.281 ug/l

RT: 9.34 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

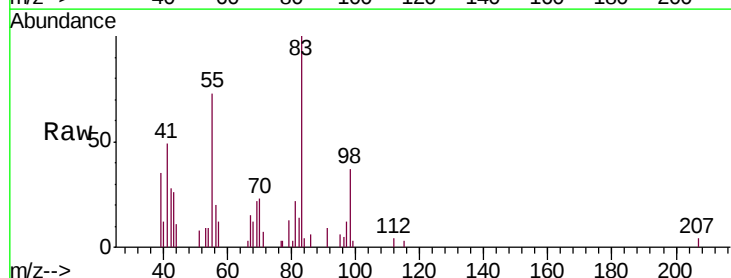
Tgt Ion: 83 Resp: 3570

Ion Ratio Lower Upper

83 100

55 66.3 62.8 94.2

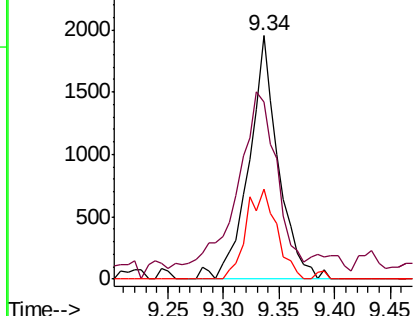
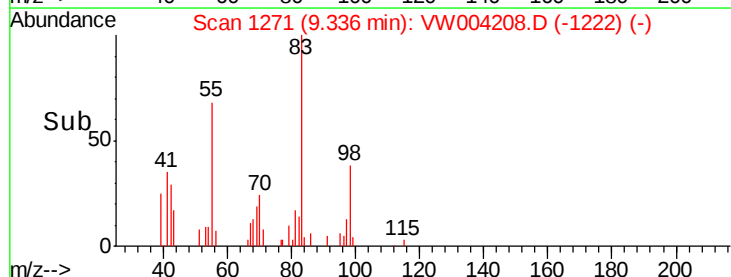
98 36.9 36.2 54.4

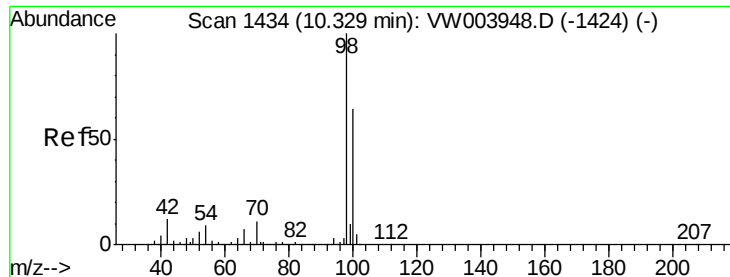


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 21.752 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

Instrument :

MSVOA_W

ClientSampled :

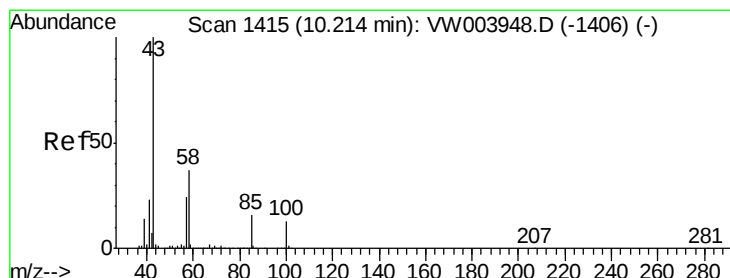
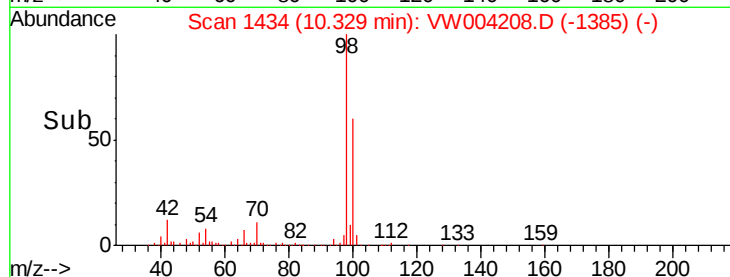
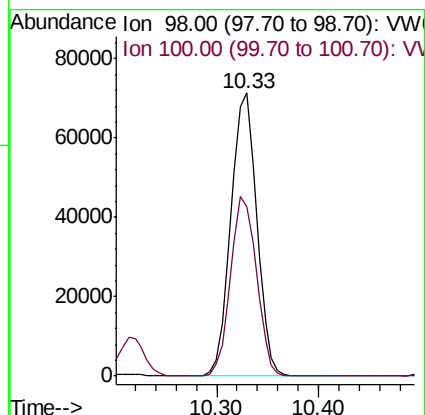
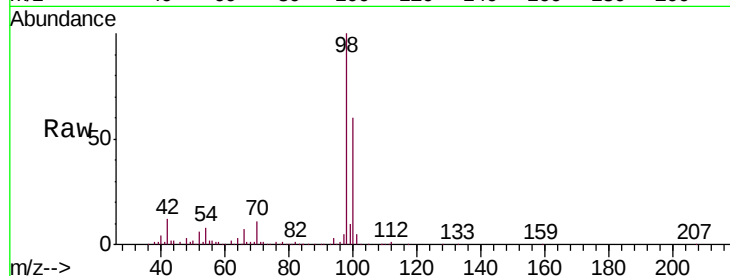
DW-6

Tgt Ion: 98 Resp: 125259

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 116.943 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004208.D

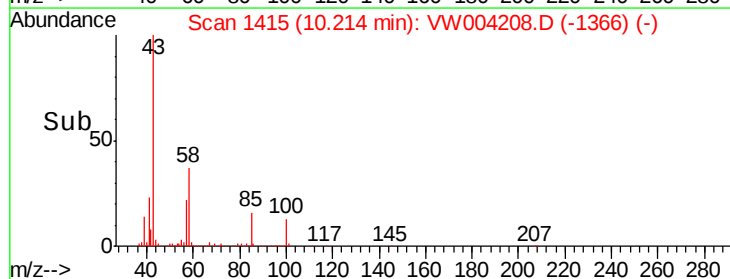
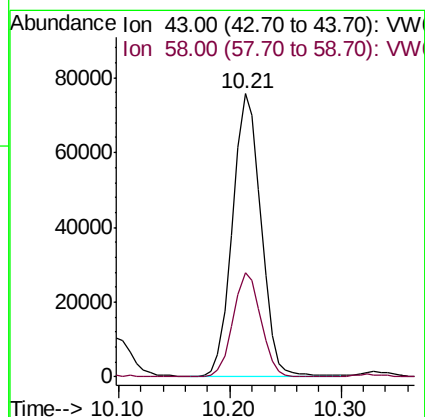
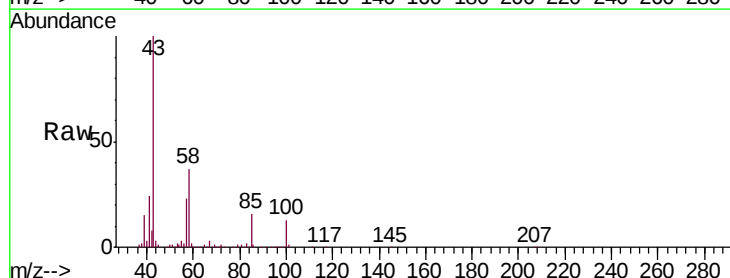
Acq: 25 Jul 2018 22:29

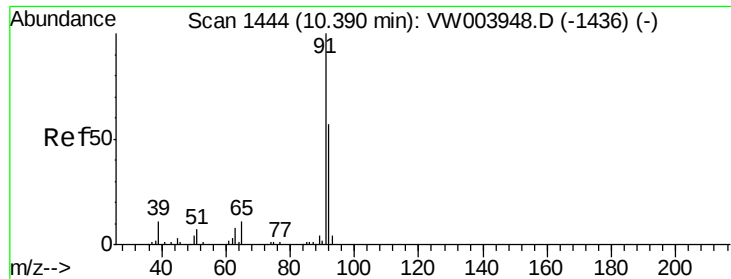
Tgt Ion: 43 Resp: 133755

Ion Ratio Lower Upper

43 100

58 36.3 29.9 44.9





#52

Toluene

Concen: 2.232 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

Instrument :

MSVOA_W

ClientSampled :

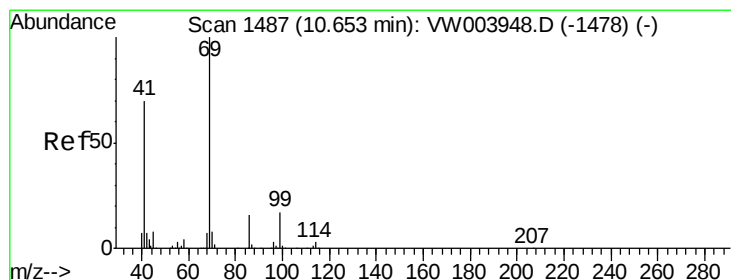
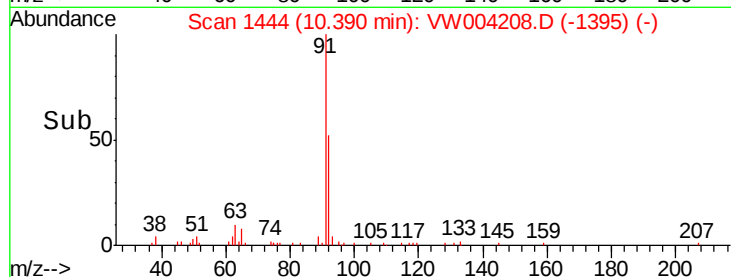
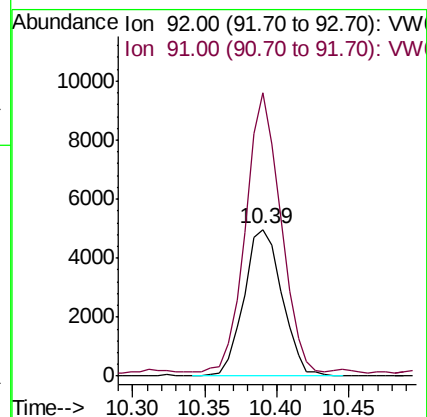
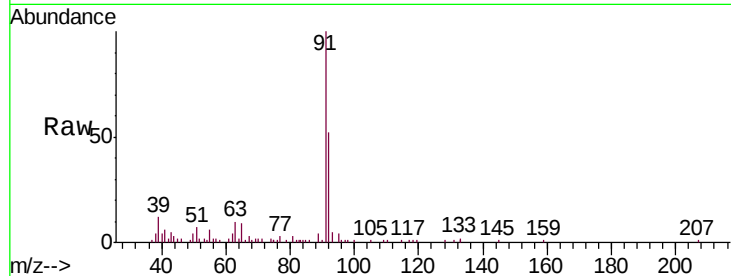
DW-6

Tgt Ion: 92 Resp: 9111

Ion Ratio Lower Upper

92 100

91 174.6 139.6 209.4



#56

Ethyl methacrylate

Concen: 3.111 ug/l

RT: 10.66 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

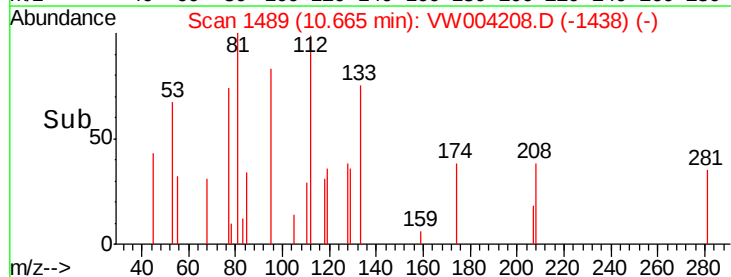
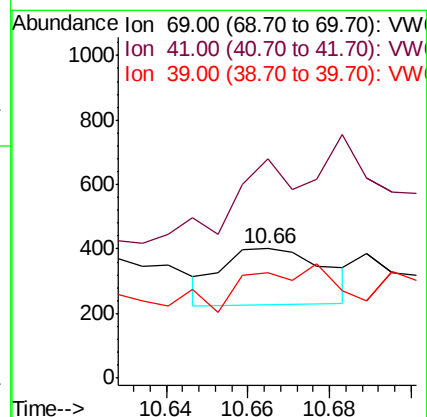
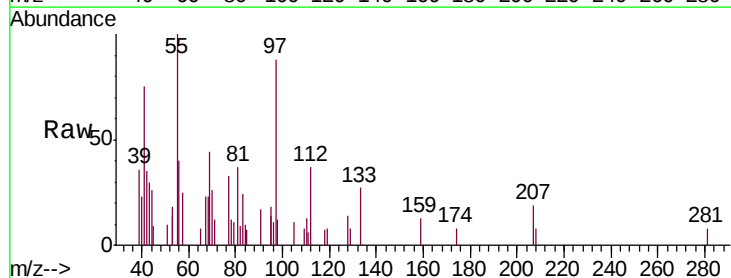
Tgt Ion: 69 Resp: 308

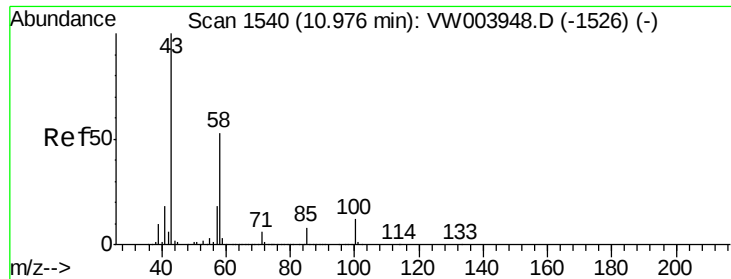
Ion Ratio Lower Upper

69 100

41 0.0 56.5 84.7#

39 0.0 30.2 45.4#

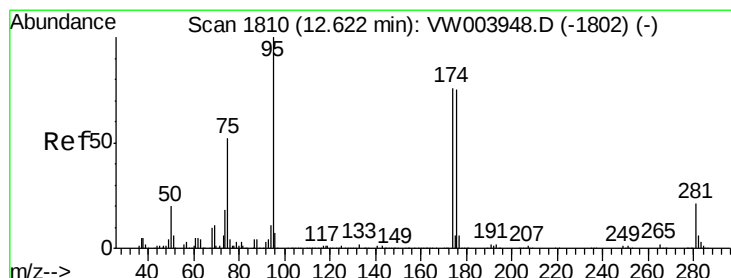
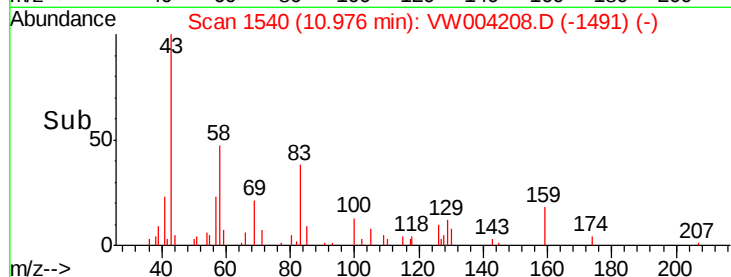
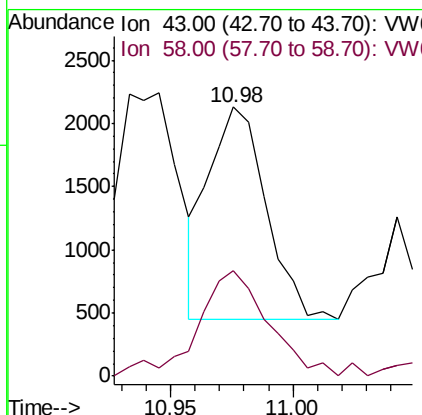
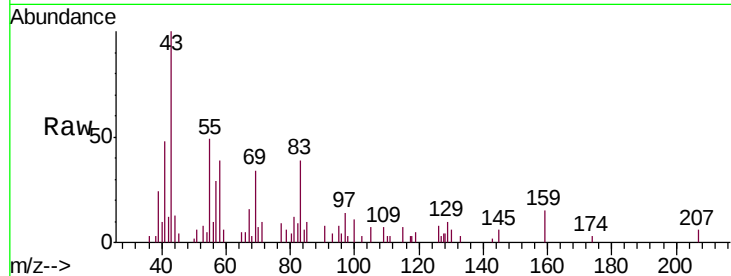




#59
2-Hexanone
Concen: 3.389 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

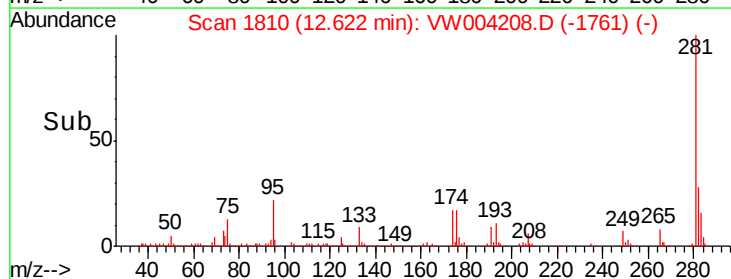
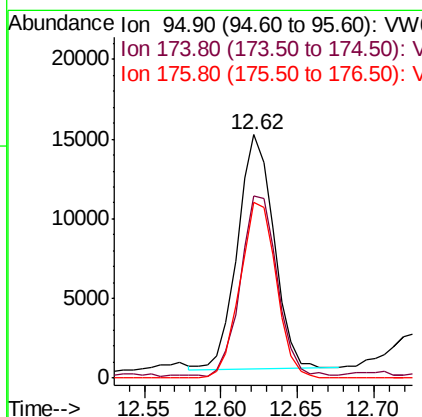
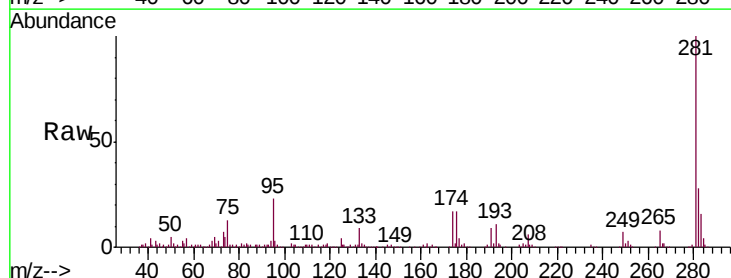
Instrument :
MSVOA_W
ClientSampled :
DW-6

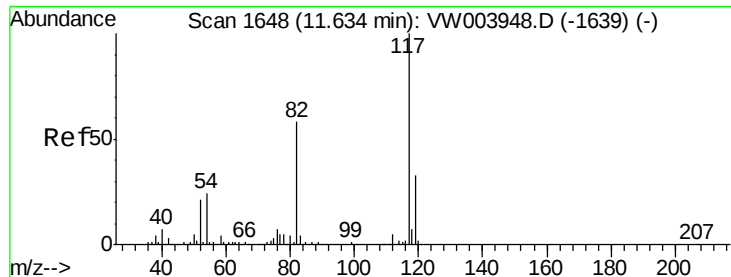
Tgt Ion: 43 Resp: 2732
Ion Ratio Lower Upper
43 100
58 61.2 26.0 78.0



#62
4-Bromofluorobenzene
Concen: 11.628 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

Tgt Ion: 95 Resp: 24146
Ion Ratio Lower Upper
95 100
174 76.8 0.0 160.2
176 75.1 0.0 155.8

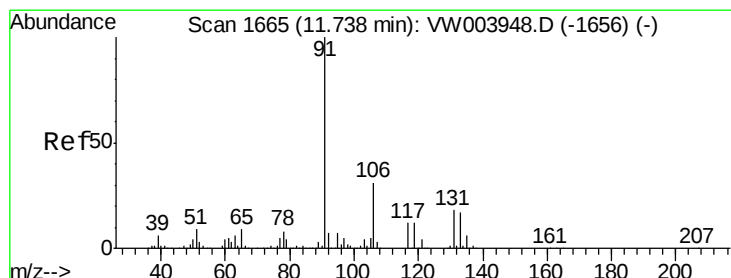
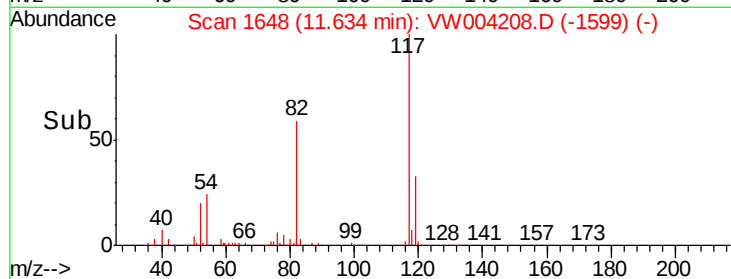
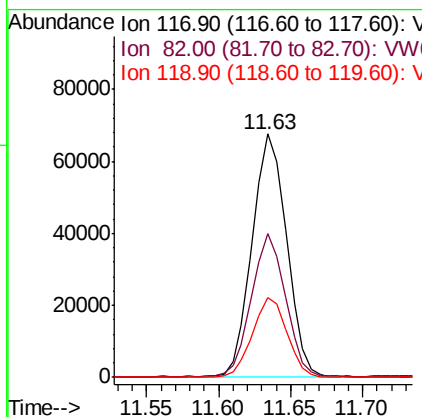
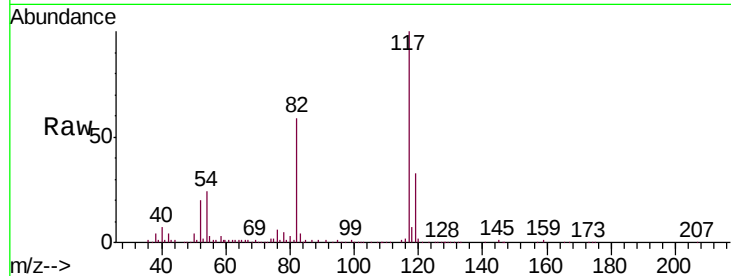




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

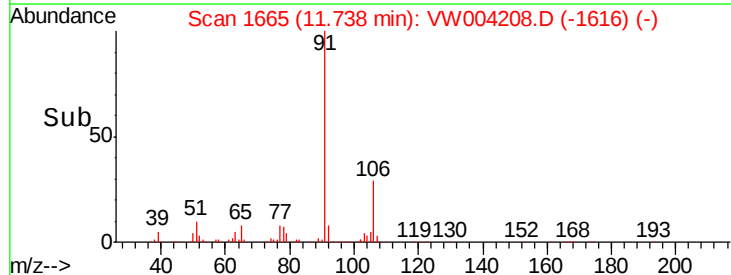
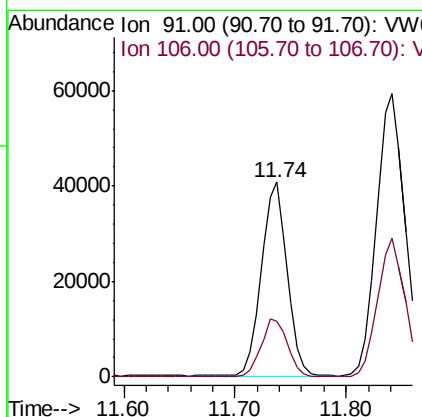
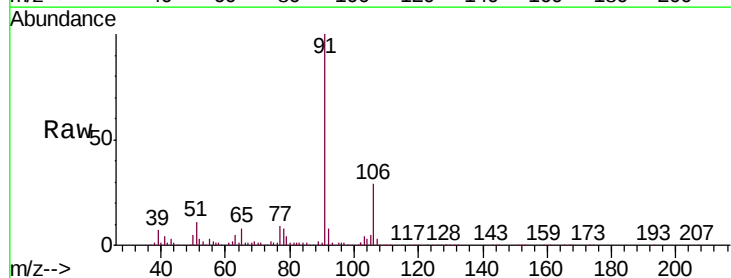
Instrument :
MSVOA_W
ClientSampled :
DW-6

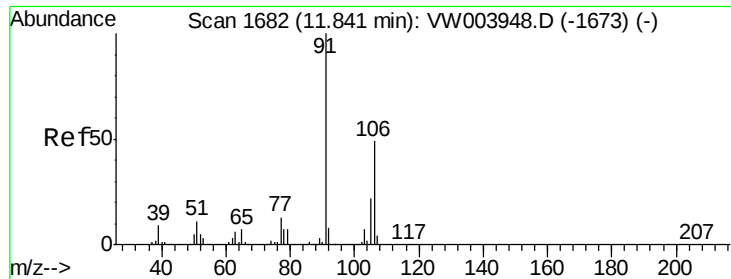
Tgt Ion: 117 Resp: 111568
Ion Ratio Lower Upper
117 100
82 58.9 46.5 69.7
119 32.8 26.2 39.2



#67
Ethyl Benzene
Concen: 15.658 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

Tgt Ion: 91 Resp: 65254
Ion Ratio Lower Upper
91 100
106 28.7 25.0 37.4

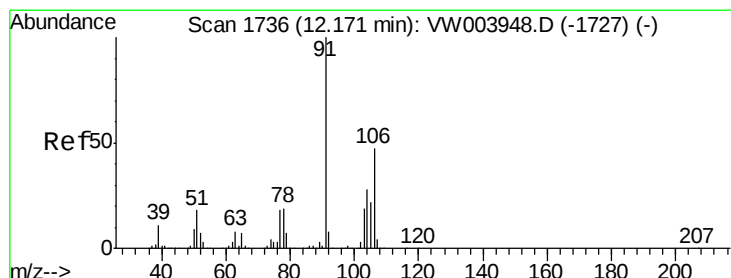
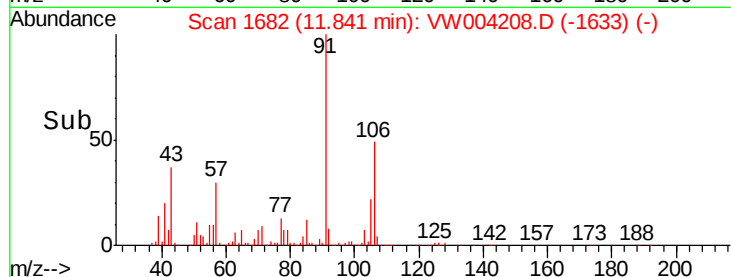
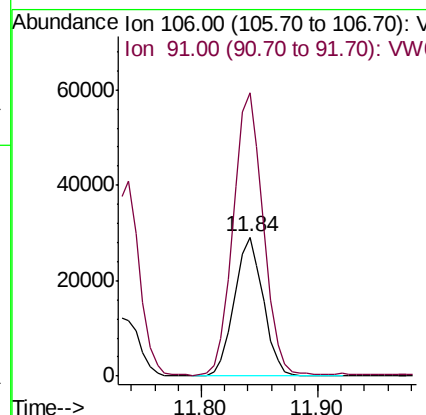
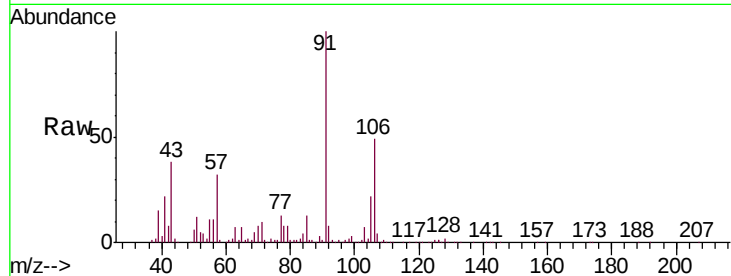




#68
m/p-Xylenes
Concen: 31.747 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

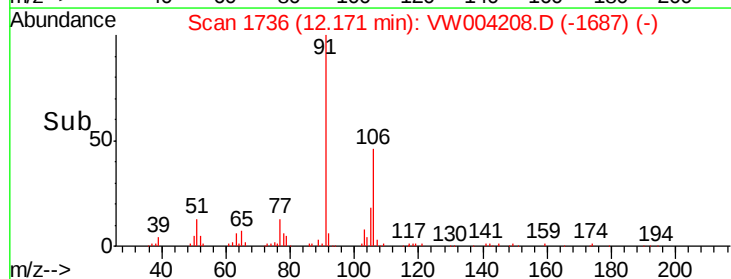
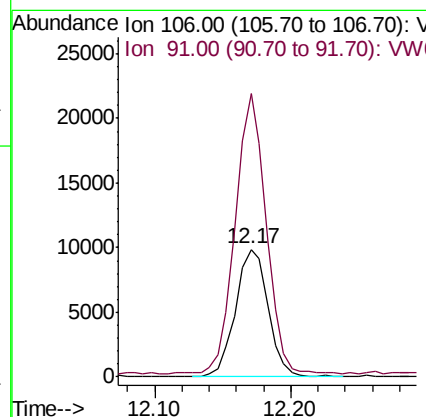
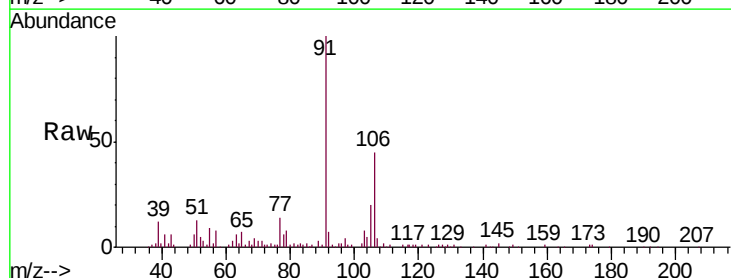
Instrument :
MSVOA_W
ClientSampled :
DW-6

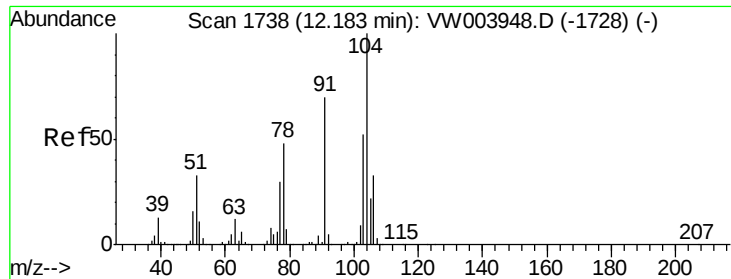
Tgt Ion:106 Resp: 50567
Ion Ratio Lower Upper
106 100
91 208.5 164.2 246.2



#69
o-Xylene
Concen: 11.183 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

Tgt Ion:106 Resp: 16523
Ion Ratio Lower Upper
106 100
91 208.3 107.5 322.6

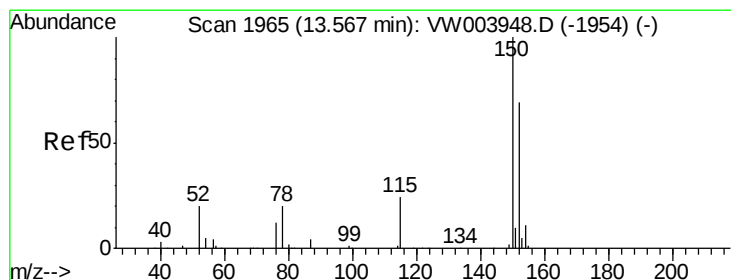
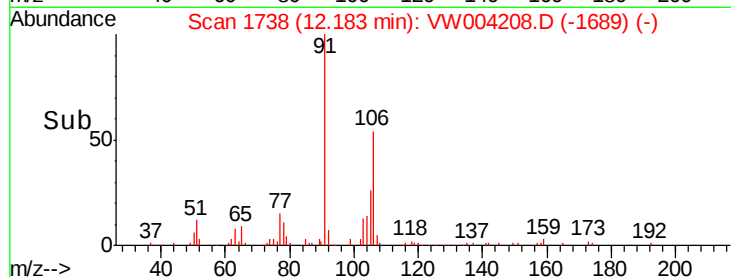
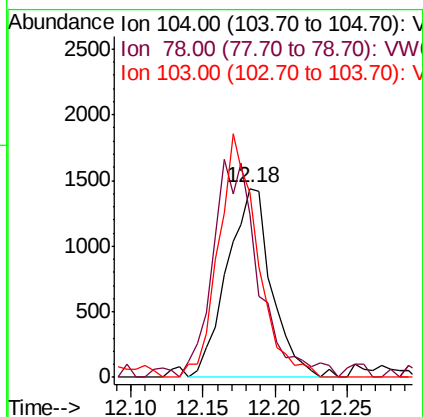
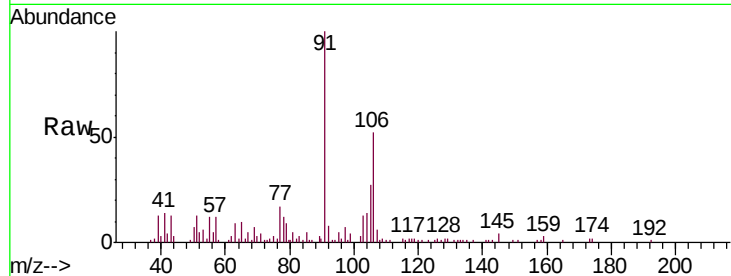




#70
Styrene
Concen: 1.258 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

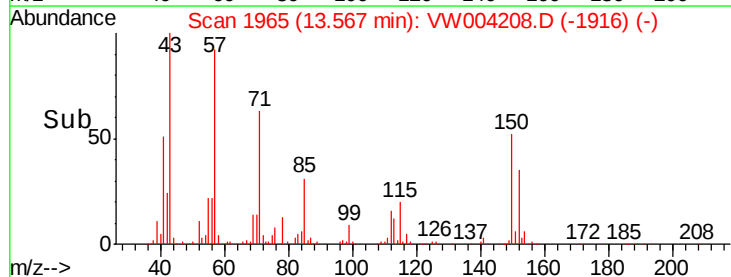
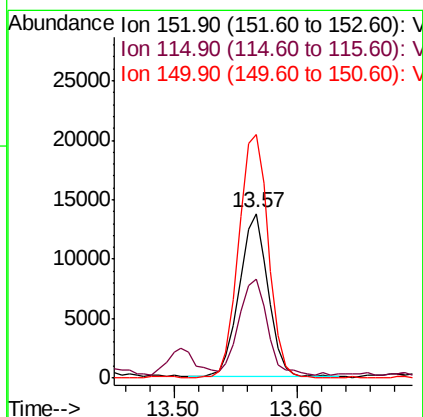
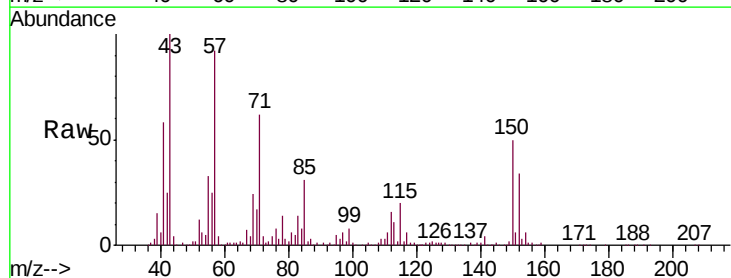
Instrument :
MSVOA_W
ClientSampleId :
DW-6

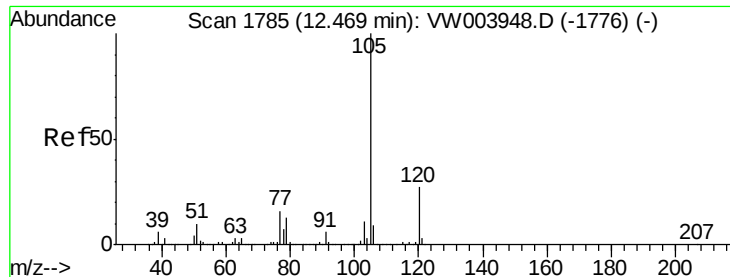
Tgt Ion:104 Resp: 3105
Ion Ratio Lower Upper
104 100
78 118.3 41.0 61.4#
103 113.2 44.6 67.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

Tgt Ion:152 Resp: 22300
Ion Ratio Lower Upper
152 100
115 58.7 29.2 87.6
150 154.1 0.0 345.2





#73

Isopropylbenzene

Concen: 4.988 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

Instrument :

MSVOA_W

ClientSampled :

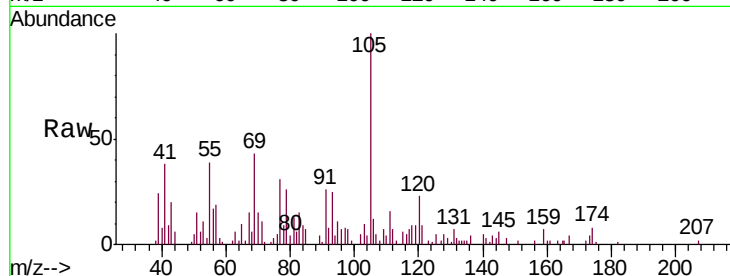
DW-6

Tgt Ion:105 Resp: 7860

Ion Ratio Lower Upper

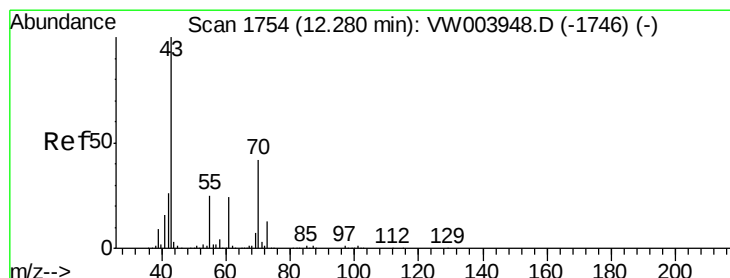
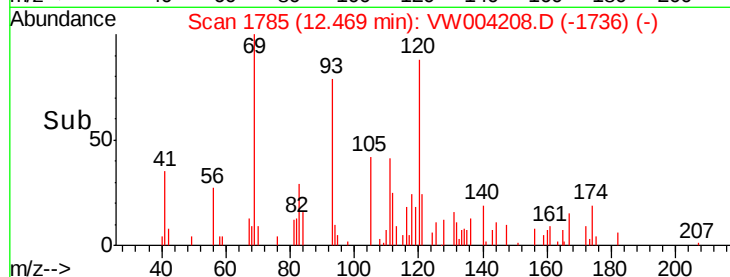
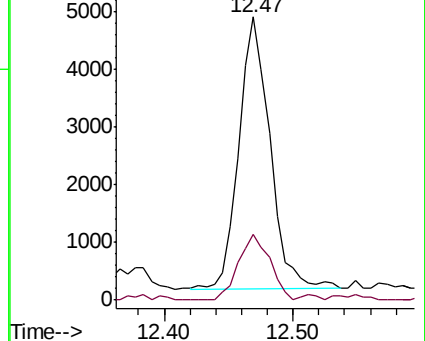
105 100

120 24.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 29.521 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

Tgt Ion: 43 Resp: 12121

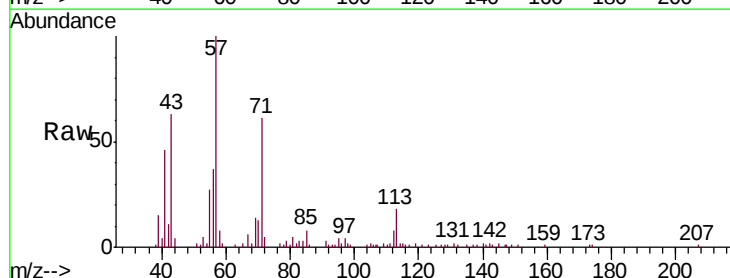
Ion Ratio Lower Upper

43 100

70 19.7 31.6 47.4#

55 29.2 20.0 30.0

61 0.0 18.5 27.7#

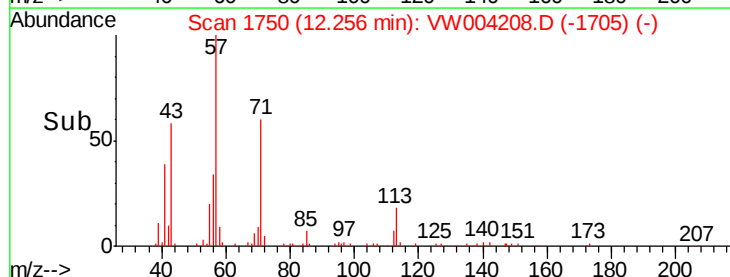
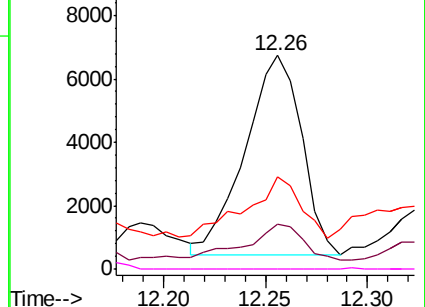


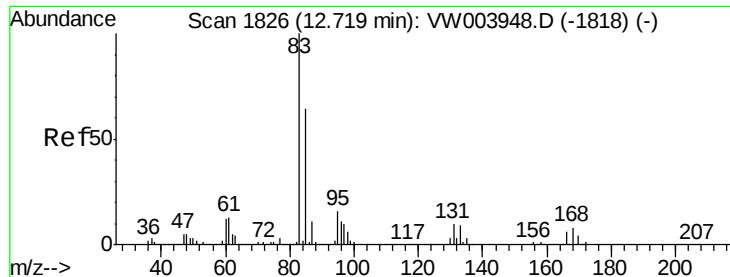
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 9.693 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. 0.06 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

Instrument :

MSVOA_W

ClientSampled :

DW-6

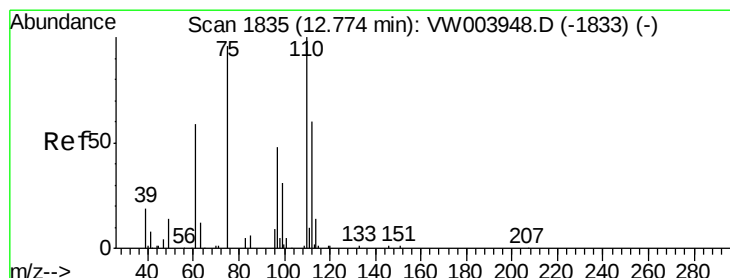
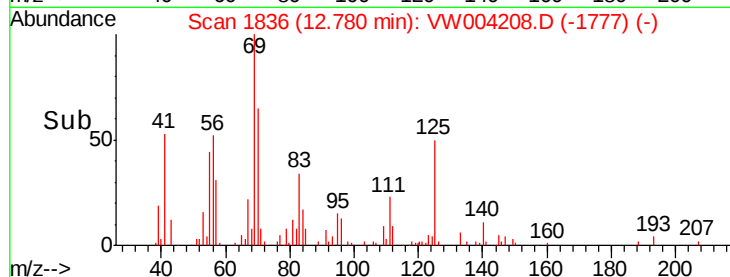
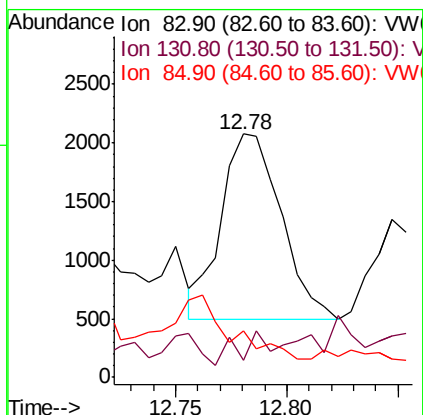
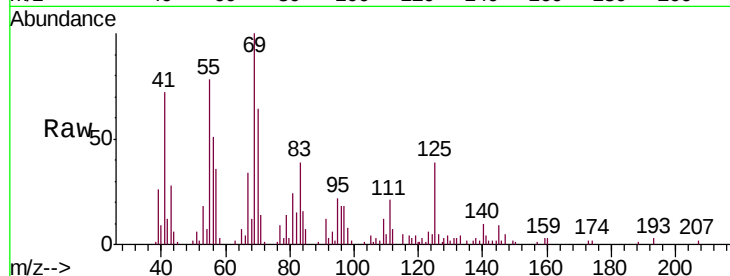
Tgt Ion: 83 Resp: 2954

Ion Ratio Lower Upper

83 100

131 8.7 5.3 15.8

85 0.0 32.2 96.6#



#76

1,2,3-Trichloropropane

Concen: 62.989 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004208.D

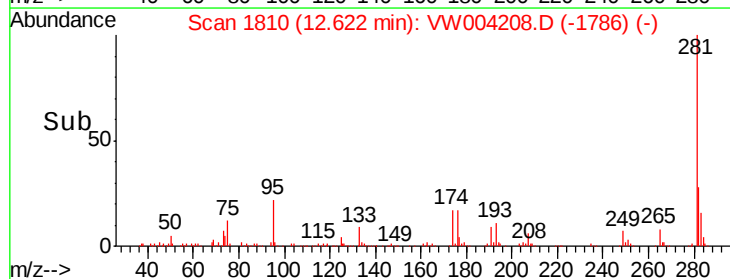
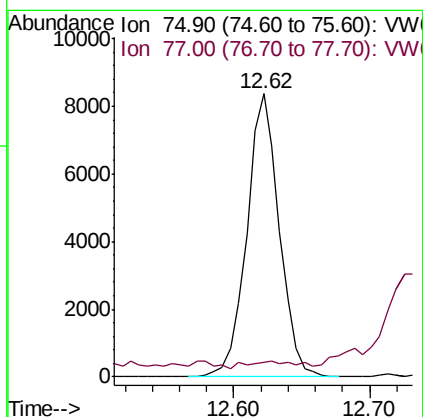
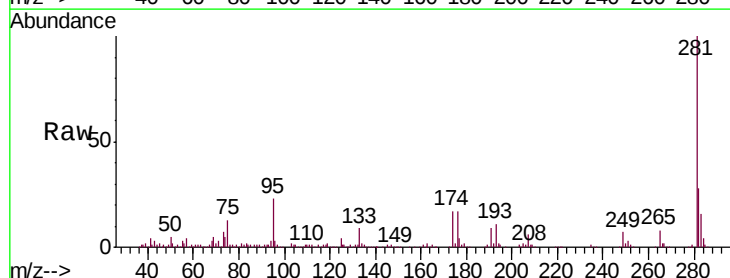
Acq: 25 Jul 2018 22:29

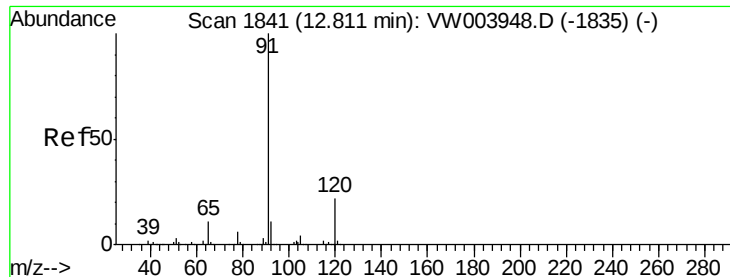
Tgt Ion: 75 Resp: 13945

Ion Ratio Lower Upper

75 100

77 4.0 0.0 0.0#

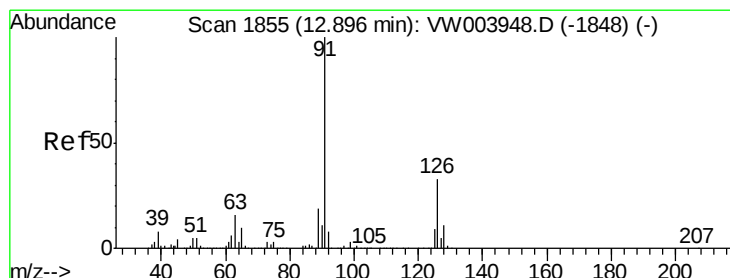
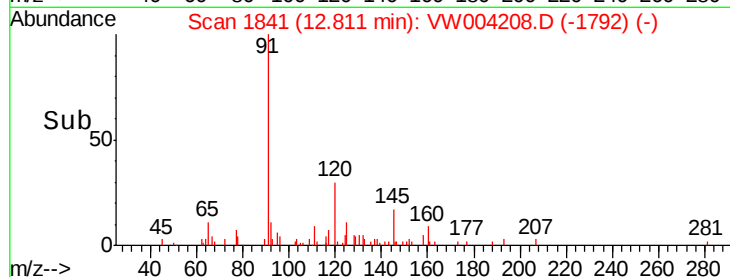
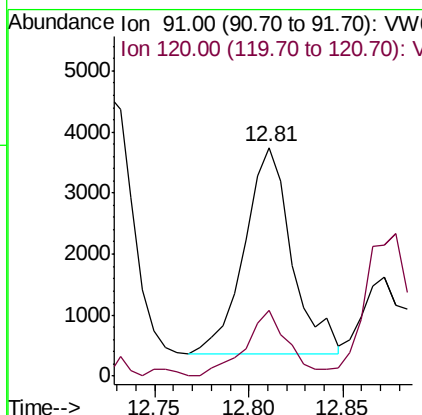
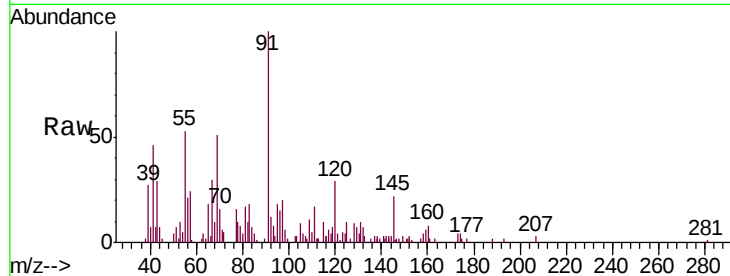




#78
n-propylbenzene
Concen: 3.037 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

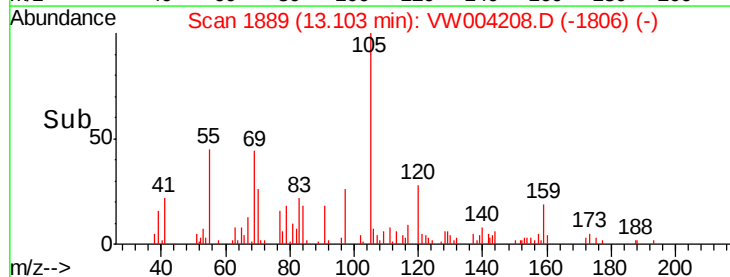
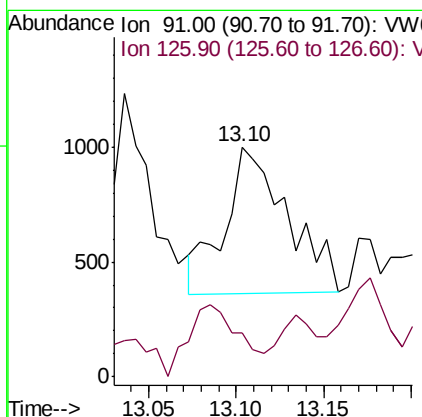
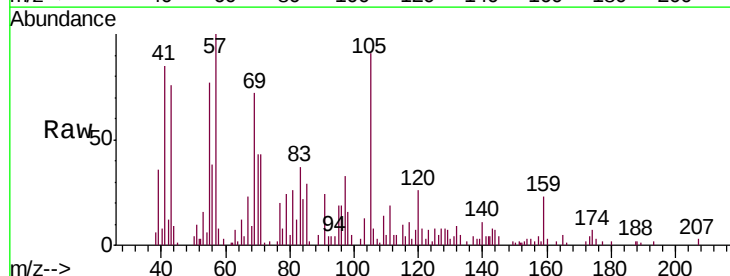
Instrument :
MSVOA_W
ClientSampled :
DW-6

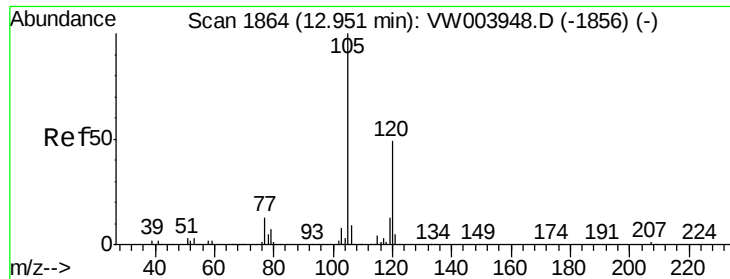
Tgt Ion: 91 Resp: 5871
Ion Ratio Lower Upper
91 100
120 28.9 11.2 33.6



#79
2-Chlorotoluene
Concen: 1.459 ug/l
RT: 13.10 min Scan# 1889
Delta R.T. 0.21 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

Tgt Ion: 91 Resp: 1591
Ion Ratio Lower Upper
91 100
126 40.7 17.0 51.0

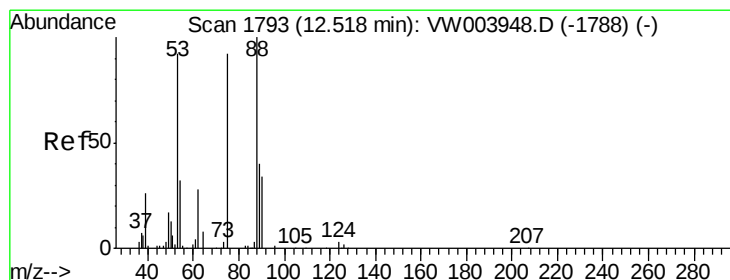
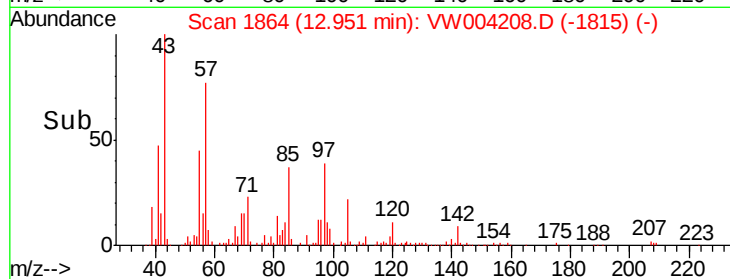
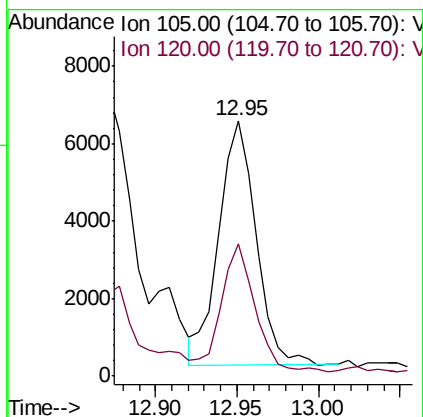
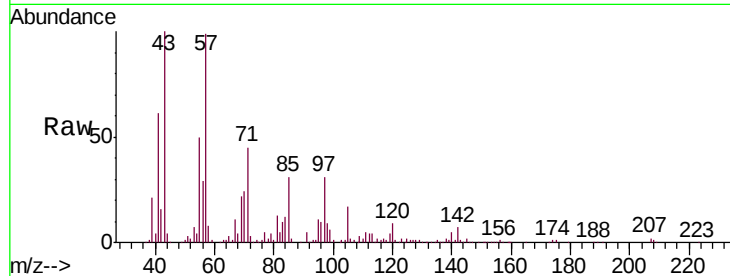




#80
 1,3,5-Trimethylbenzene
 Concen: 7.567 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004208.D
 Acq: 25 Jul 2018 22:29

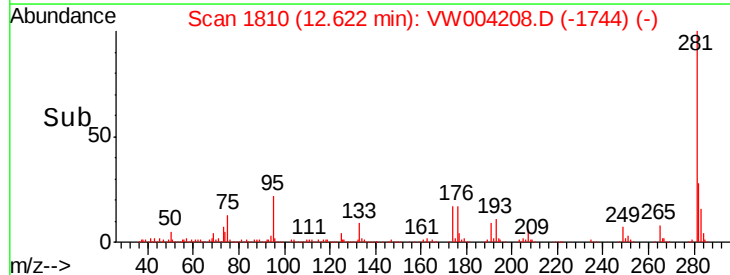
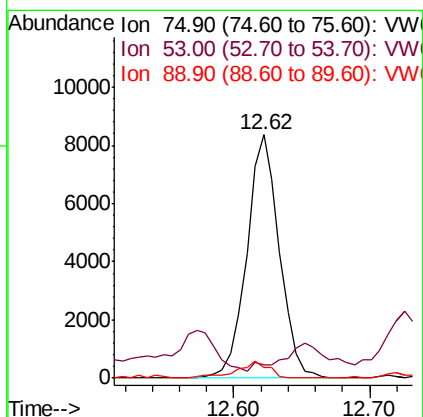
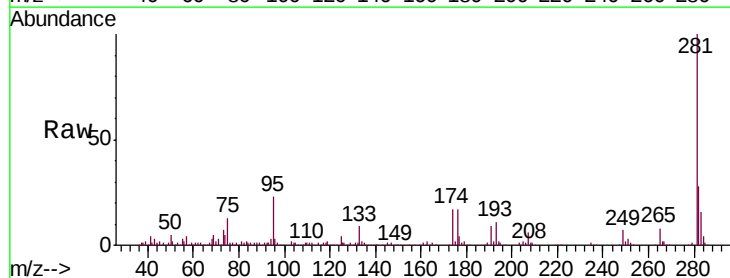
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-6

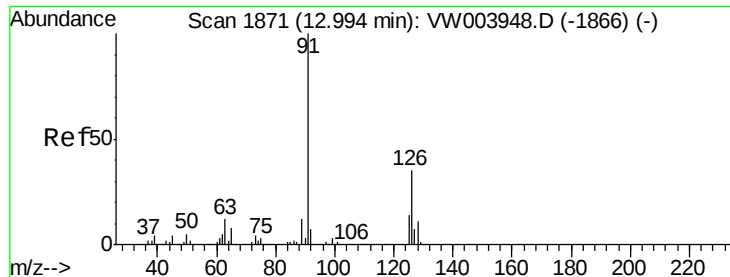
Tgt Ion: 105 Resp: 10035
 Ion Ratio Lower Upper
 105 100
 120 51.5 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.330 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004208.D
 Acq: 25 Jul 2018 22:29

Tgt Ion: 75 Resp: 13945
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 7.0 36.6 54.8#

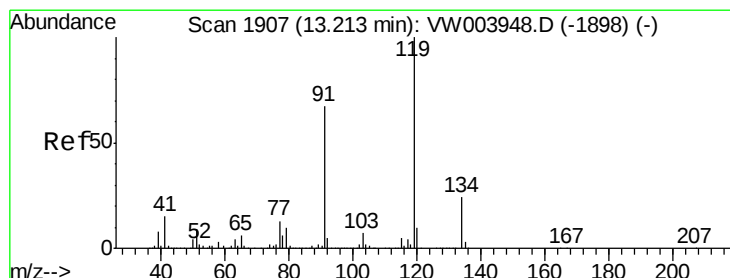
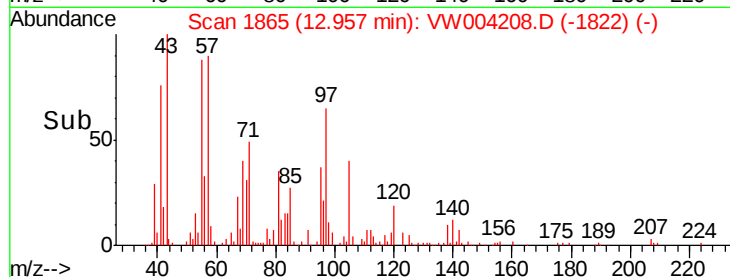
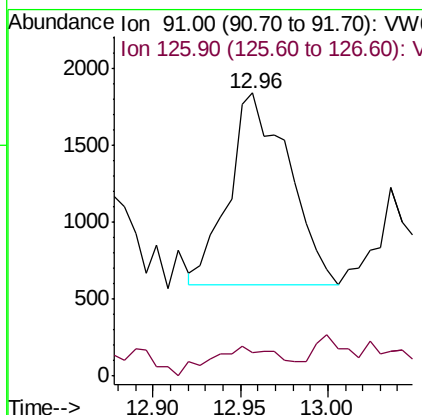
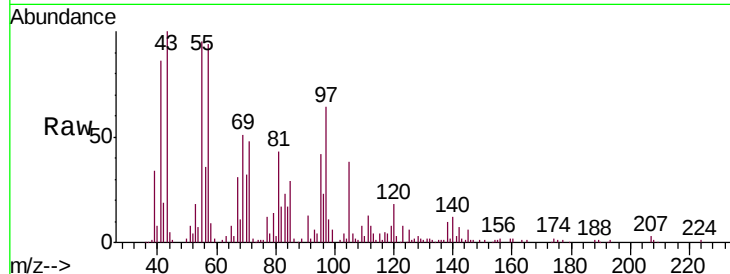




#82
4-Chlorotoluene
Concen: 2.551 ug/l
RT: 12.96 min Scan# 1865
Delta R.T. -0.04 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

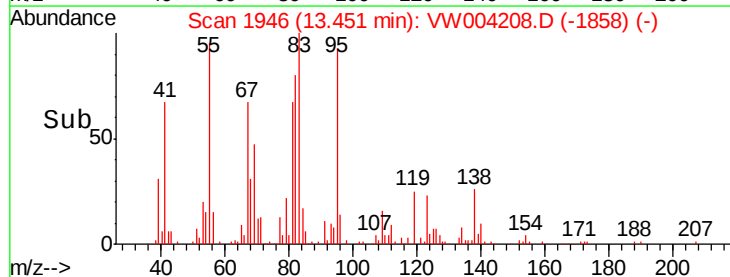
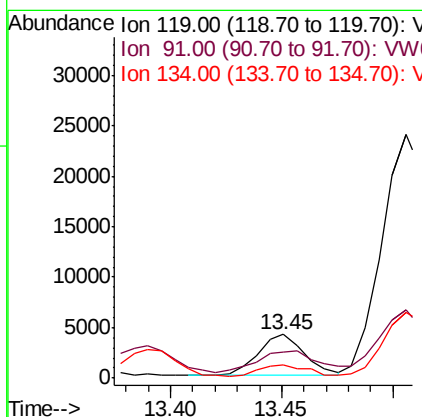
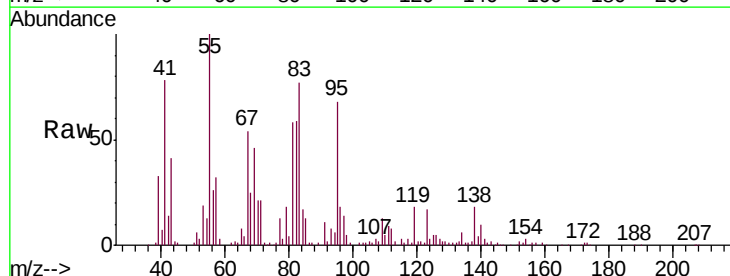
Instrument :
MSVOA_W
ClientSampleID :
DW-6

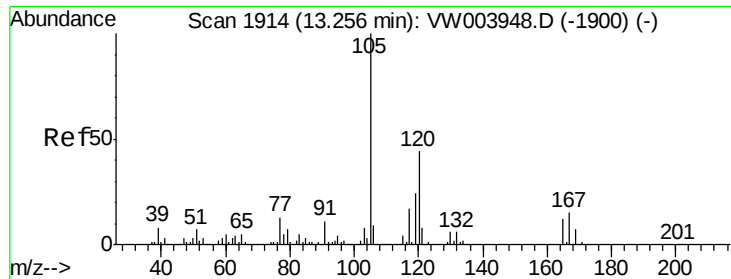
Tgt Ion: 91 Resp: 2985
Ion Ratio Lower Upper
91 100
126 18.6 16.7 50.0



#83
tert-Butylbenzene
Concen: 5.353 ug/l
RT: 13.45 min Scan# 1946
Delta R.T. 0.24 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

Tgt Ion: 119 Resp: 5960
Ion Ratio Lower Upper
119 100
91 64.4 33.2 99.6
134 27.4 13.0 38.9

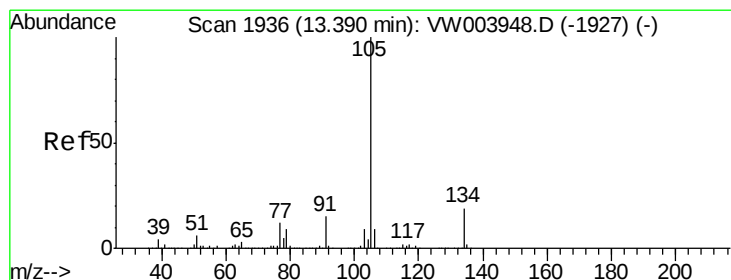
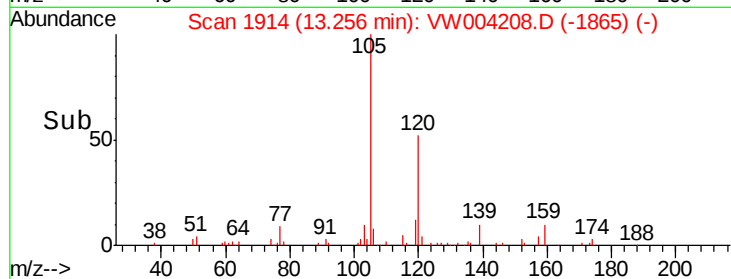
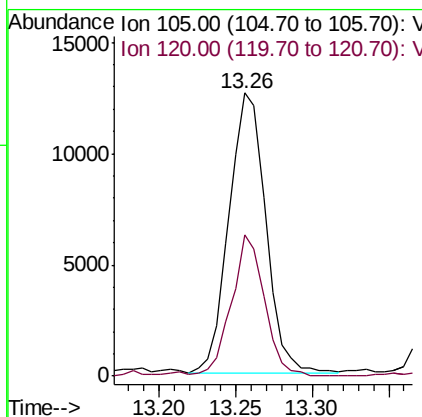
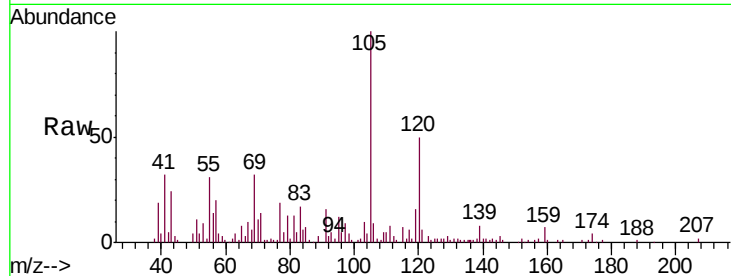




#84
 1,2,4-Trimethylbenzene
 Concen: 15.324 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004208.D
 Acq: 25 Jul 2018 22:29

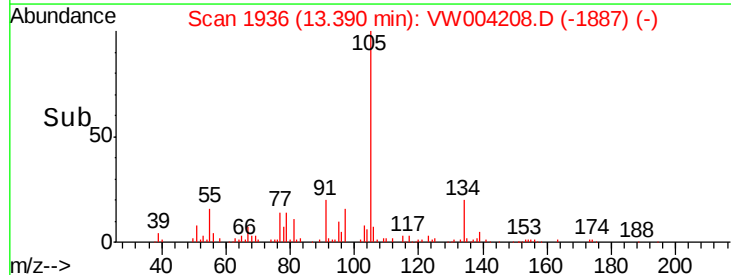
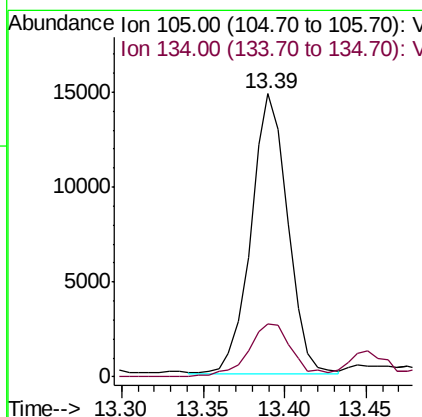
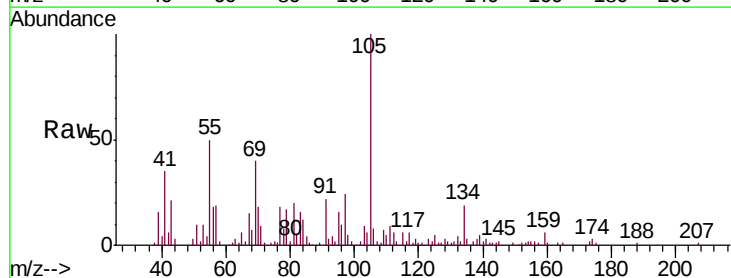
Instrument :
 MSVOA_W
 ClientSampled :
 DW-6

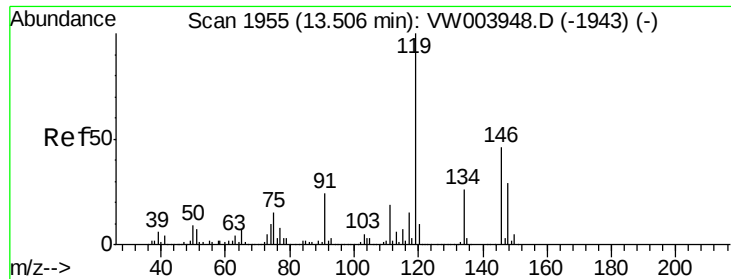
Tgt Ion:105 Resp: 20907
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.1 66.1



#85
 sec-Butylbenzene
 Concen: 13.971 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004208.D
 Acq: 25 Jul 2018 22:29

Tgt Ion:105 Resp: 23079
 Ion Ratio Lower Upper
 105 100
 134 22.8 9.8 29.4

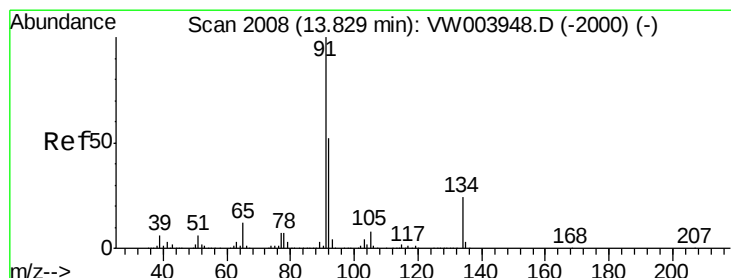
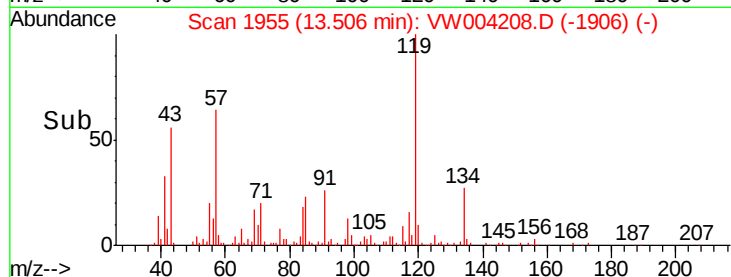
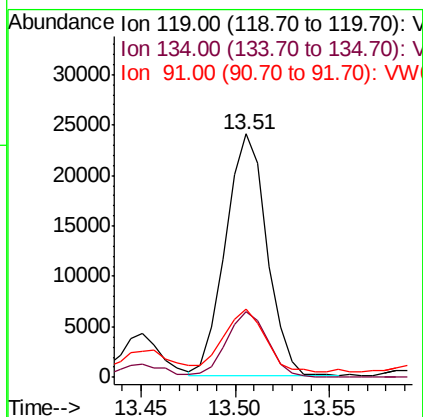
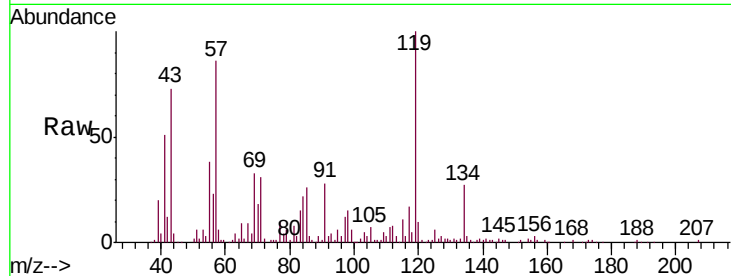




#86
p-Isopropyltoluene
Concen: 25.214 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

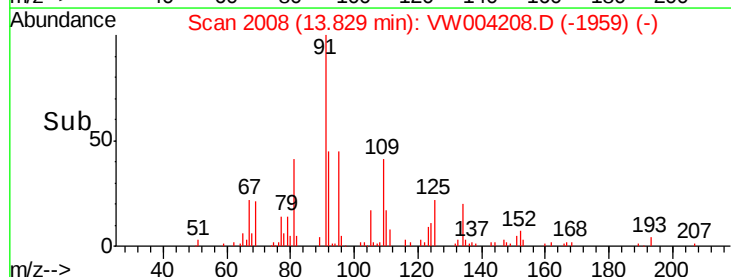
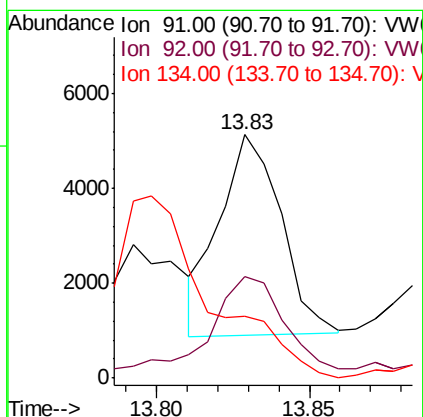
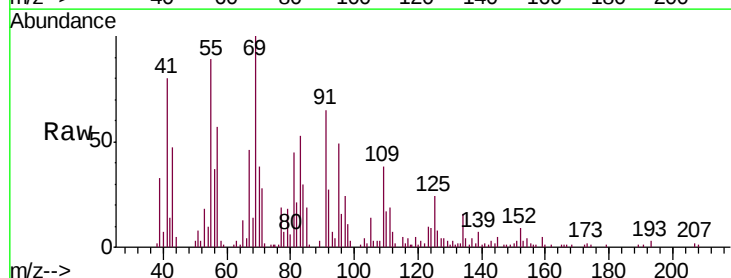
Instrument :
MSVOA_W
ClientSampled :
DW-6

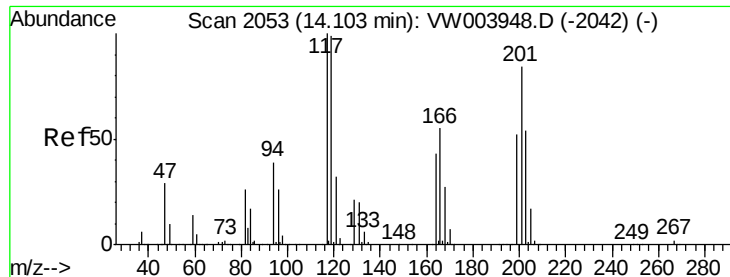
Tgt Ion: 119 Resp: 36534
Ion Ratio Lower Upper
119 100
134 27.8 13.0 38.9
91 26.4 11.8 35.3



#89
n-Butylbenzene
Concen: 4.139 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004208.D
Acq: 25 Jul 2018 22:29

Tgt Ion: 91 Resp: 5895
Ion Ratio Lower Upper
91 100
92 60.4 26.1 78.3
134 0.0 12.4 37.4#





#90

Hexachloroethane

Concen: 5.792 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

Instrument :

MSVOA_W

ClientSampled :

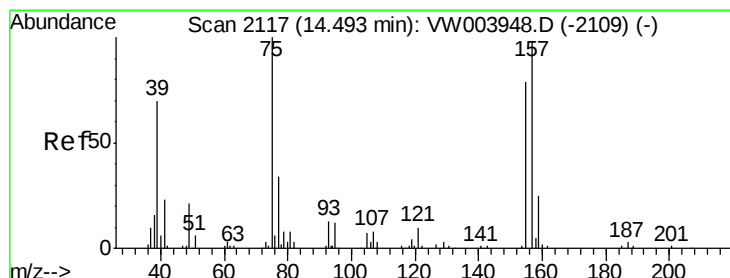
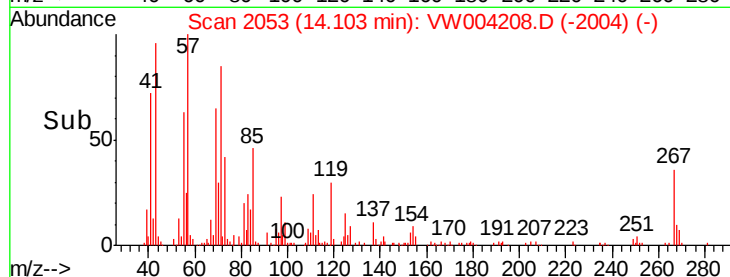
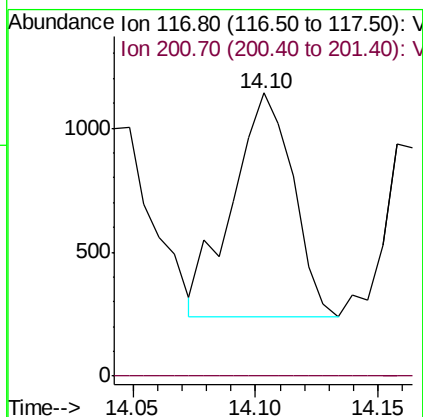
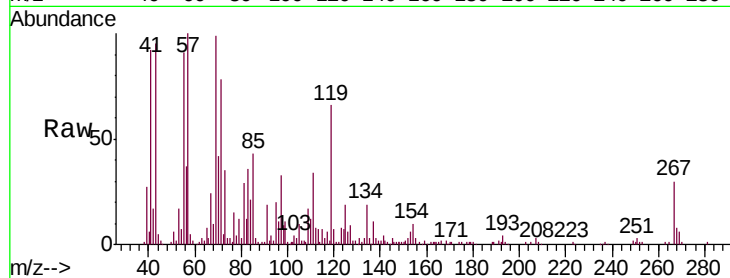
DW-6

Tgt Ion: 117 Resp: 1547

Ion Ratio Lower Upper

117 100

201 0.0 40.3 120.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.226 ug/l

RT: 14.52 min Scan# 2121

Delta R.T. 0.02 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

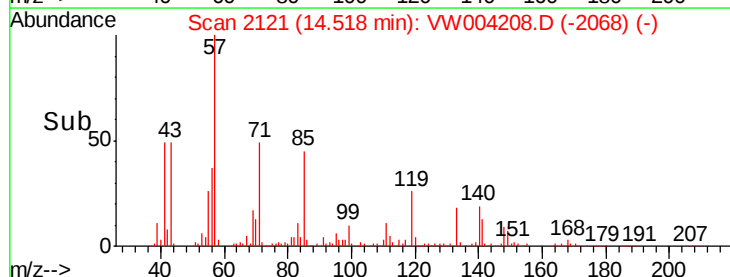
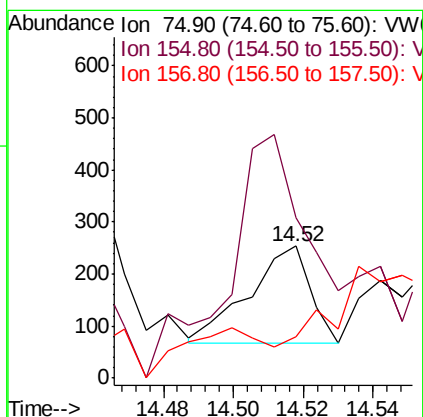
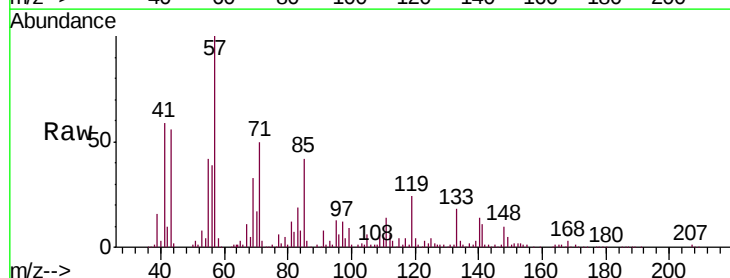
Tgt Ion: 75 Resp: 229

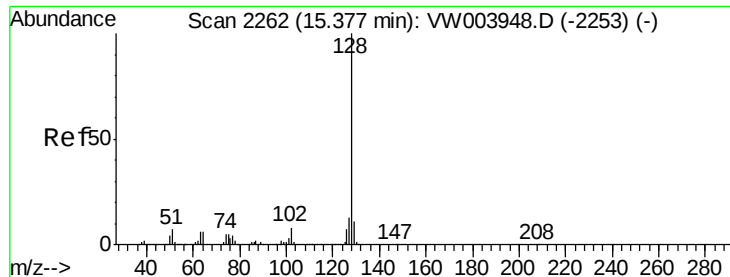
Ion Ratio Lower Upper

75 100

155 423.1 39.4 118.1#

157 69.9 51.8 155.4





#95

Naphthalene

Concen: 30.477 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

Instrument :

MSVOA_W

ClientSampled :

DW-6

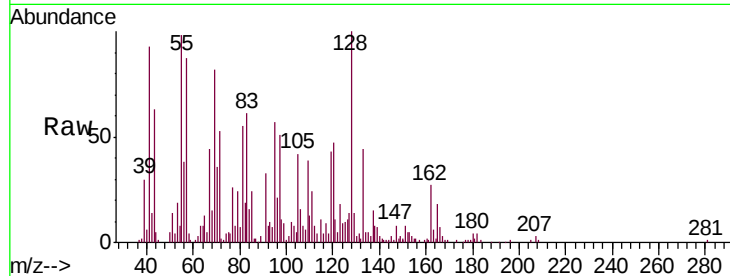
Tgt Ion:128 Resp: 26508

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 14.8 8.7 13.1#

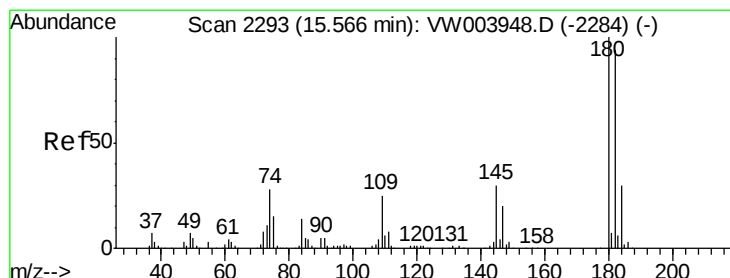
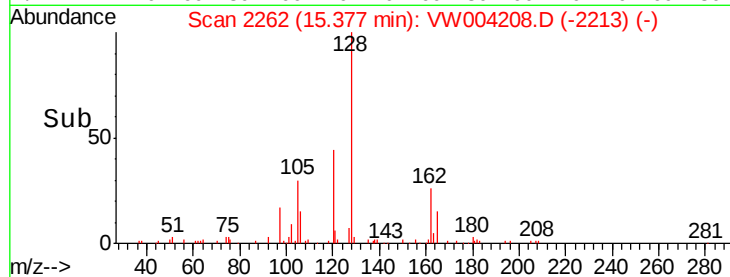
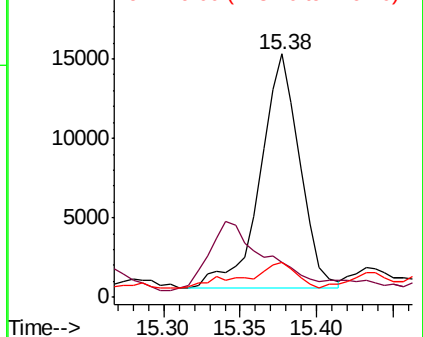


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.513 ug/l

RT: 15.59 min Scan# 2297

Delta R.T. 0.02 min

Lab File: VW004208.D

Acq: 25 Jul 2018 22:29

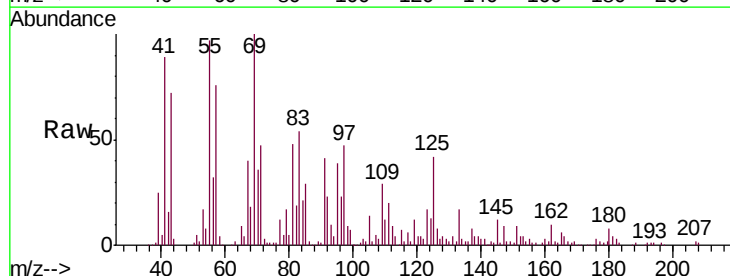
Tgt Ion:180 Resp: 1883

Ion Ratio Lower Upper

180 100

182 0.0 47.5 142.6#

145 0.0 15.8 47.4#



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

