

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003492.D
 Acq On : 24 Jun 2018 06:39
 Operator : SY/AP
 Sample : J3670-12
 Misc : 5.52G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-21-23-180621

Quant Time: Jun 25 02:48:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	326336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	152115	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147114	70.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.16%	
35) Dibromofluoromethane	7.88	113	129790	64.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.02%	
50) Toluene-d8	10.33	98	462096	57.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.94%	
62) 4-Bromofluorobenzene	12.62	95	176626	62.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.14%	

Target Compounds					Qvalue	
3) Chloromethane	2.36	50	9597	6.483	ug/l #	52
4) Vinyl Chloride	2.36	62	1379067	639.056	ug/l	99
6) Chloroethane	2.92	64	3274	2.180	ug/l	95
8) Diethyl Ether	3.68	74	1128	1.188	ug/l	90
11) Tert butyl alcohol	5.26	59	1873	16.638	ug/l #	87
13) Acrolein	3.90	56	323	2.007	ug/l	92
16) Acetone	4.15	43	56155	127.555	ug/l	98
17) Carbon Disulfide	4.37	76	16362	3.155	ug/l #	94
18) Methyl Acetate	4.68	43	7860	7.526	ug/l	98
20) Methylene Chloride	4.91	84	28681	12.590	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	6264	3.281	ug/l	92
25) 2-Butanone	7.20	43	4993	9.121	ug/l #	1
27) cis-1,2-Dichloroethene	7.17	96	1083886	516.782	ug/l	93
29) Tetrahydrofuran	7.55	42	1704	5.093	ug/l #	84
31) Cyclohexane	7.96	56	5778	1.703	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	16327	5.181	ug/l #	50
37) Ethyl Acetate	7.20	43	4993	3.824	ug/l #	69
38) Carbon Tetrachloride	7.95	117	20115	6.507	ug/l #	17
39) Methylcyclohexane	9.33	83	4991	1.369	ug/l	91
40) Benzene	8.32	78	151186	17.404	ug/l	100
41) Methacrylonitrile	7.56	41	872	1.088	ug/l #	50
49) 1,4-Dioxane	9.76	88	19	1.111	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	48837	36.970	ug/l	100
52) Toluene	10.39	92	960588	172.436	ug/l	99
53) t-1,3-Dichloropropene	10.39	75	12289	4.145	ug/l #	1
59) 2-Hexanone	10.84	43	4680	5.071	ug/l	69
65) Chlorobenzene	11.66	112	1066689	170.614	ug/l	100
67) Ethyl Benzene	11.74	91	115838	10.452	ug/l	99
68) m/p-Xylenes	11.84	106	107983	25.632	ug/l	100
69) o-Xylene	12.17	106	24173	6.191	ug/l	96
73) Isopropylbenzene	12.47	105	31479	2.975	ug/l	100
74) N-amyl acetate	12.26	43	4296	1.784	ug/l #	52
76) 1,2,3-Trichloropropane	12.62	75	95544	73.472	ug/l #	100
78) n-propylbenzene	12.81	91	46608	3.598	ug/l	99

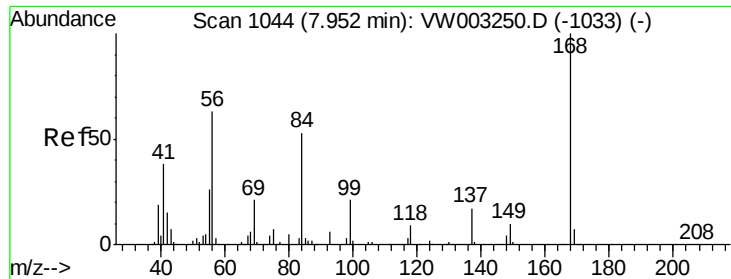
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	12.88	91	15769	2.154	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.95	105	128229	14.439	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	95544	169.064	ug/l #	9
82) 4-Chlorotoluene	12.95	91	13478	1.735	ug/l #	42
83) tert-Butylbenzene	13.21	119	13277	1.754	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	293191	32.094	ug/l	99
85) sec-Butylbenzene	13.39	105	26069	2.317	ug/l #	51
86) p-Isopropyltoluene	13.51	119	27656	2.787	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	20566	4.063	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	130485	25.930	ug/l	96
89) n-Butylbenzene	13.83	91	17983	1.859	ug/l #	71
90) Hexachloroethane	14.11	117	8195	4.566	ug/l #	10
91) 1,2-Dichlorobenzene	13.88	146	23246	5.243	ug/l	96
95) Naphthalene	15.38	128	78614	14.889	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003492.D

Acq: 24 Jun 2018 06:39

Instrument :

MSVOA_W

ClientSampleId :

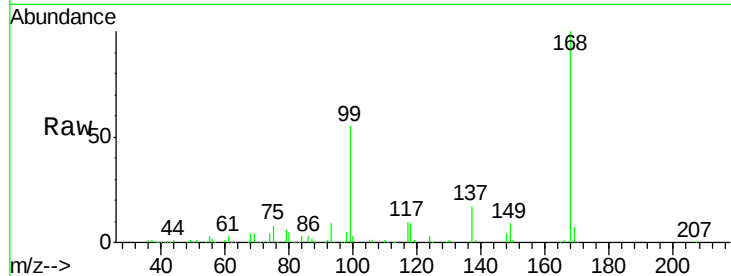
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Tgt Ion:168 Resp: 193794

Ion Ratio Lower Upper

168 100

99 55.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

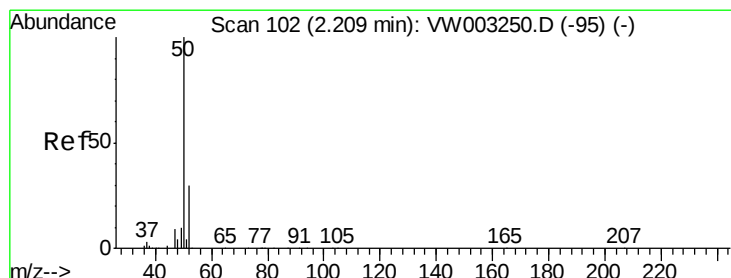
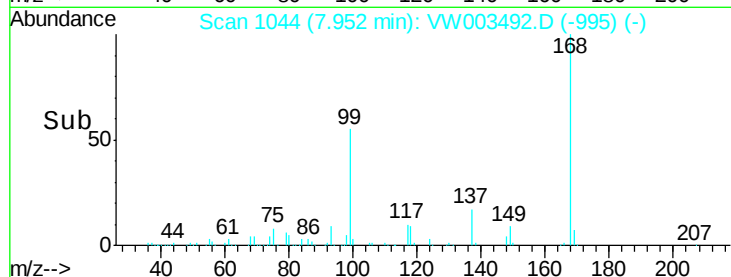
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 6.483 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.15 min

Lab File: VW003492.D

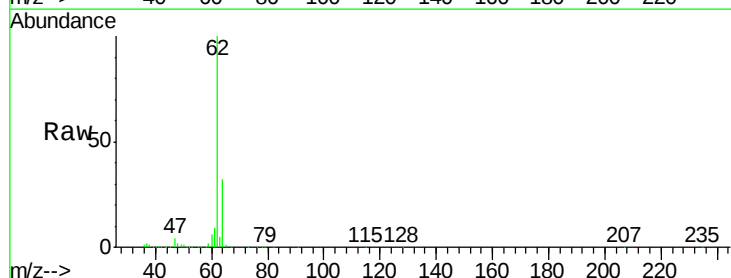
Acq: 24 Jun 2018 06:39

Tgt Ion: 50 Resp: 9597

Ion Ratio Lower Upper

50 100

52 4.2 24.2 36.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.36

5000

4000

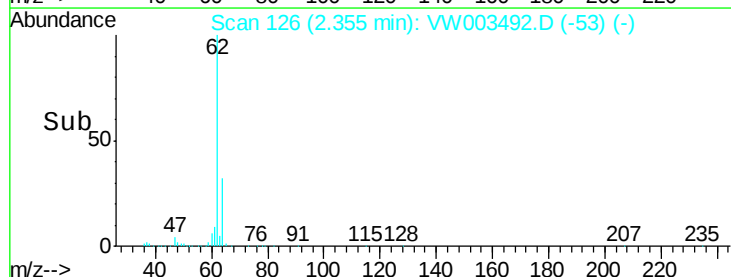
3000

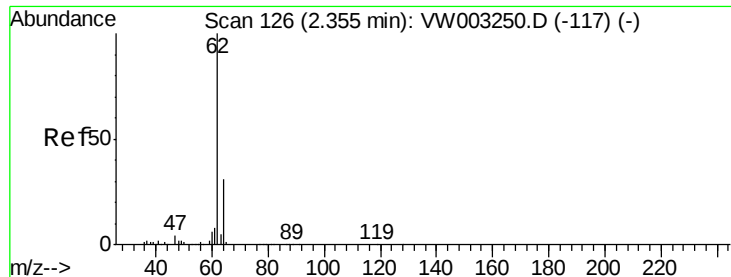
2000

1000

0

Time-->





#4

Vinyl Chloride

Concen: 639.056 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003492.D

Acq: 24 Jun 2018 06:39

Instrument :

MSVOA_W

ClientSampleId :

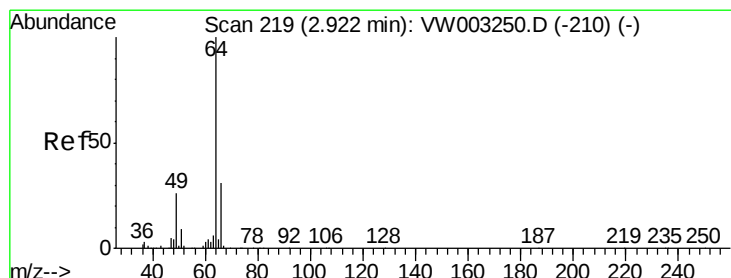
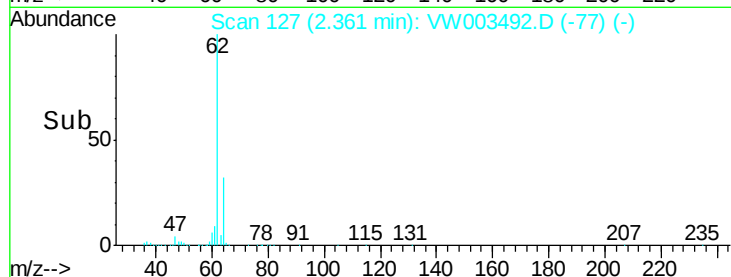
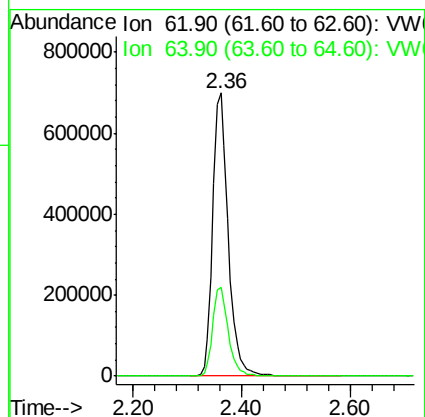
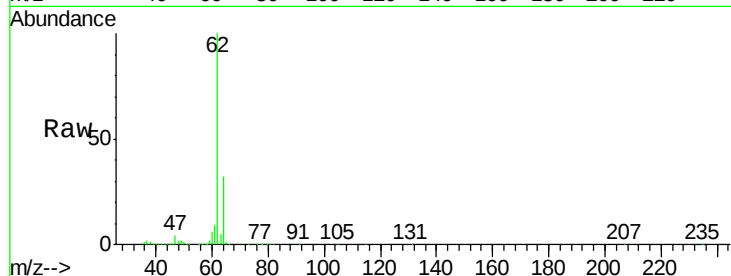
WP021SB477-21-23-180621

Tgt Ion: 62 Resp: 1379067

Ion Ratio Lower Upper

62 100

64 31.5 24.9 37.3



#6

Chloroethane

Concen: 2.180 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003492.D

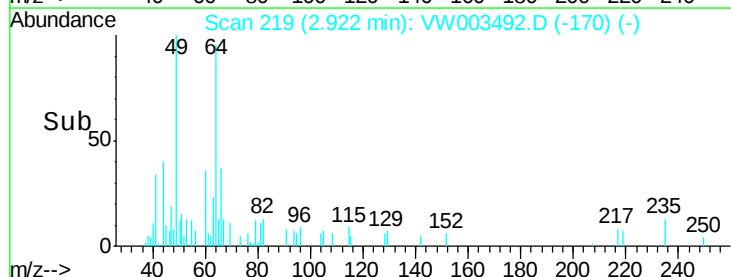
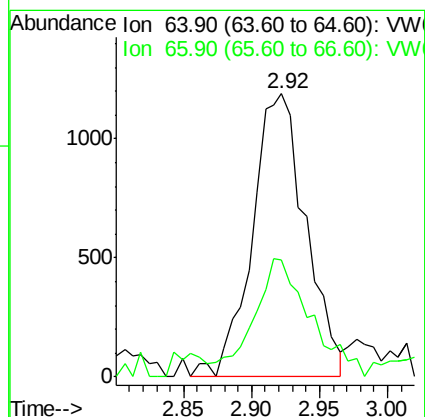
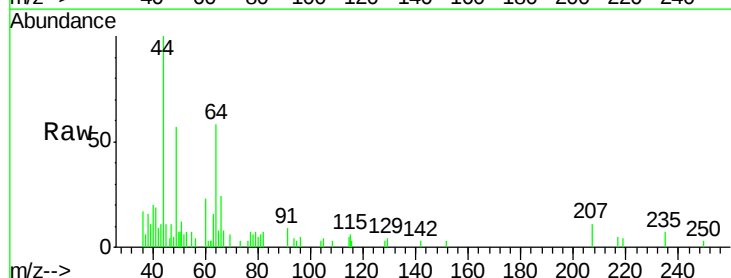
Acq: 24 Jun 2018 06:39

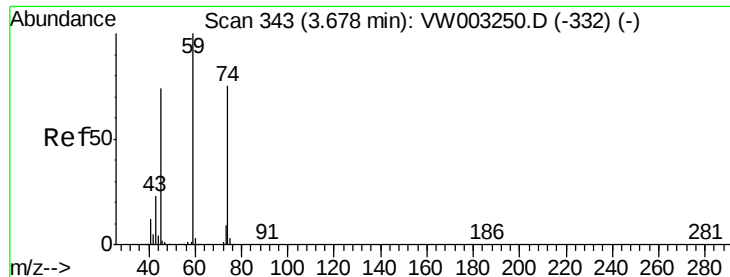
Tgt Ion: 64 Resp: 3274

Ion Ratio Lower Upper

64 100

66 33.0 24.4 36.6





#8

Diethyl Ether

Concen: 1.188 ug/l

RT: 3.68 min Scan# 344

Delta R.T. 0.01 min

Lab File: VW003492.D

Acq: 24 Jun 2018 06:39

Instrument :

MSVOA_W

ClientSampleId :

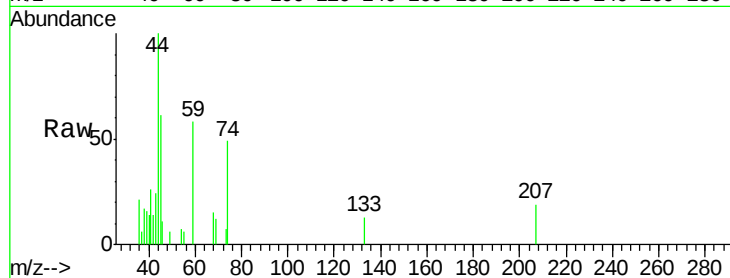
WP021SB477-21-23-180621

Tgt Ion: 74 Resp: 1128

Ion Ratio Lower Upper

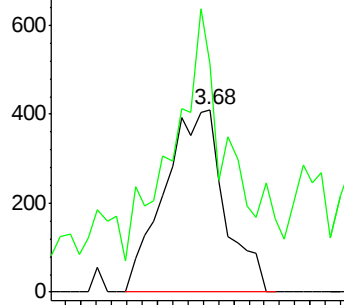
74 100

45 112.6 51.4 154.2

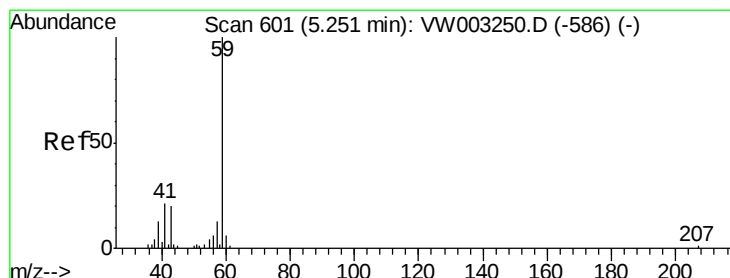
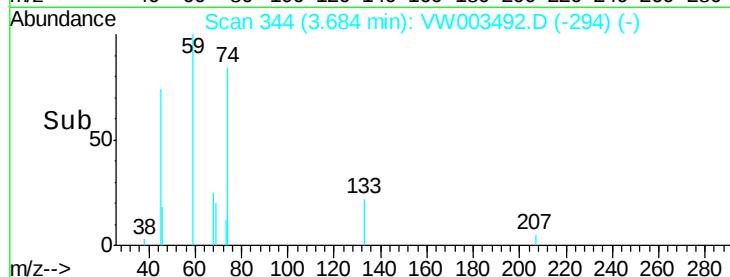


Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



Time-->



#11

Tert butyl alcohol

Concen: 16.638 ug/l

RT: 5.26 min Scan# 602

Delta R.T. 0.01 min

Lab File: VW003492.D

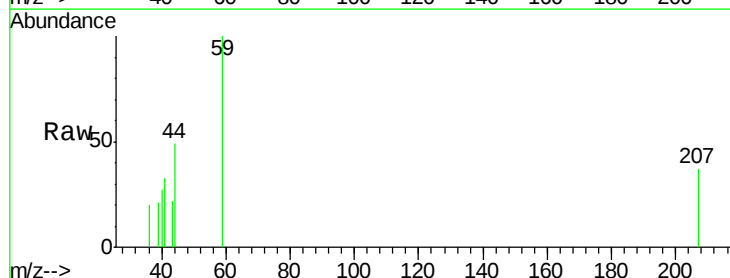
Acq: 24 Jun 2018 06:39

Tgt Ion: 59 Resp: 1873

Ion Ratio Lower Upper

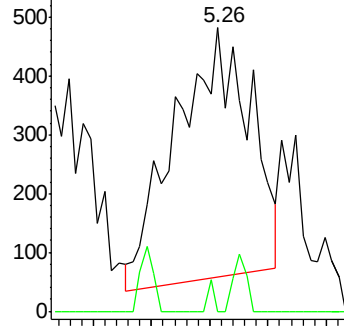
59 100

57 1.0 4.2 6.2#

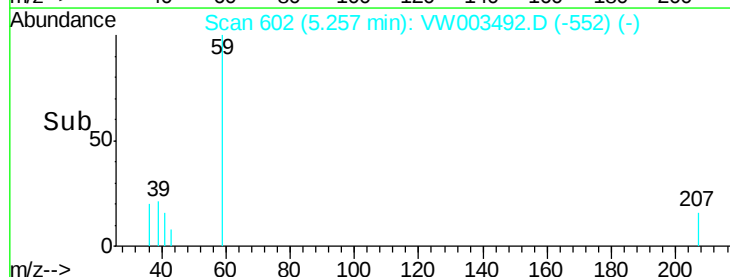


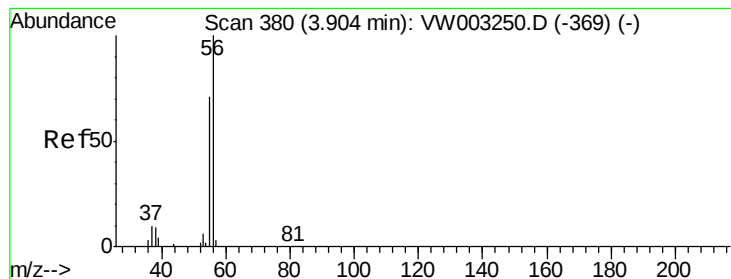
Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



Time-->





#13

Acrolein

Concen: 2.007 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003492.D

Acq: 24 Jun 2018 06:39

Instrument :

MSVOA_W

ClientSampleId :

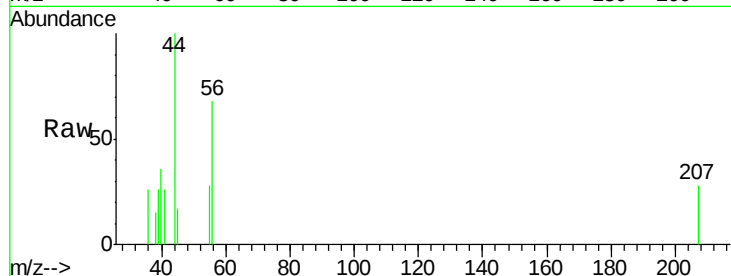
WP021SB477-21-23-180621

Tgt Ion: 56 Resp: 323

Ion Ratio Lower Upper

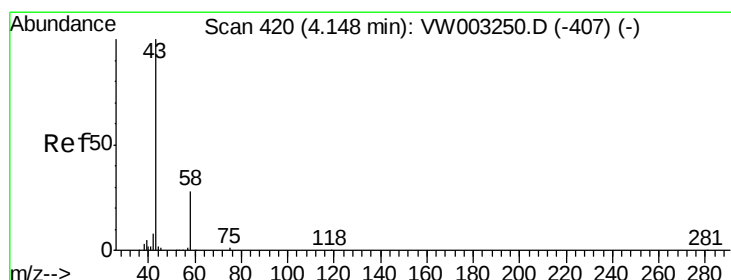
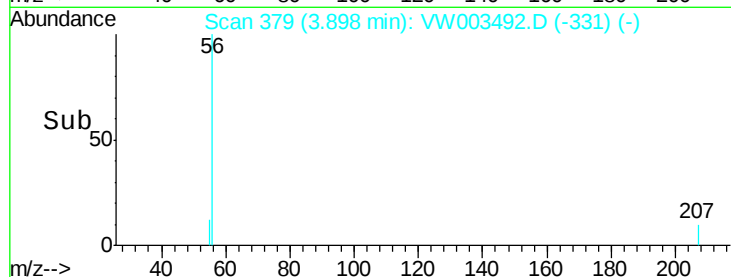
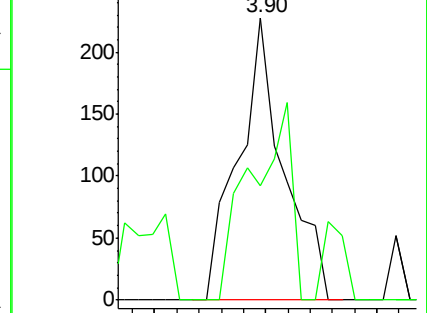
56 100

55 63.2 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 127.555 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003492.D

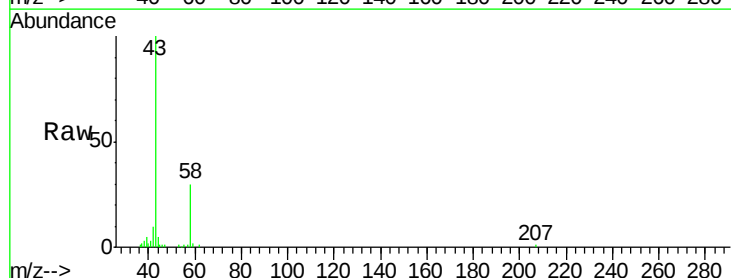
Acq: 24 Jun 2018 06:39

Tgt Ion: 43 Resp: 56155

Ion Ratio Lower Upper

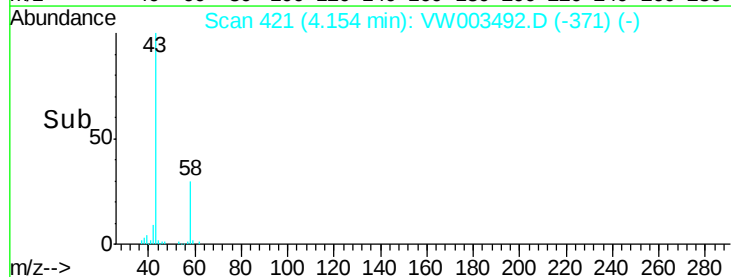
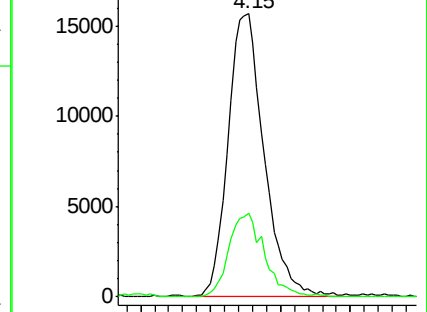
43 100

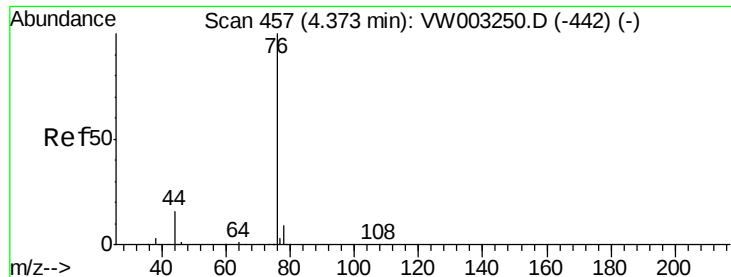
58 29.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 3.155 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003492.D

Acq: 24 Jun 2018 06:39

Instrument :

MSVOA_W

ClientSampleId :

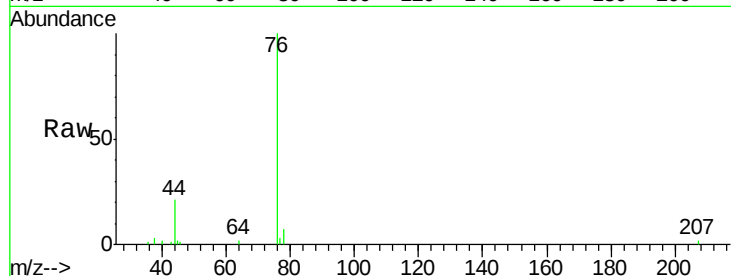
WP021SB477-21-23-180621

Tgt Ion: 76 Resp: 16362

Ion Ratio Lower Upper

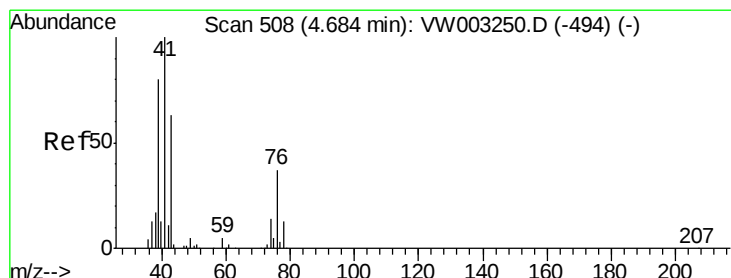
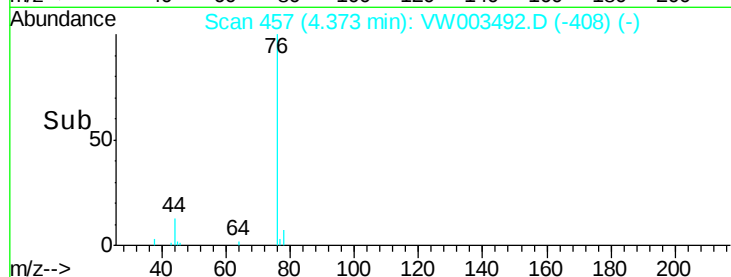
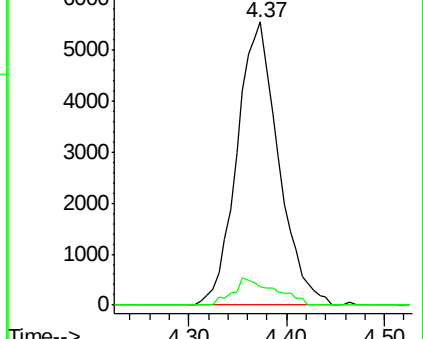
76 100

78 6.7 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 7.526 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003492.D

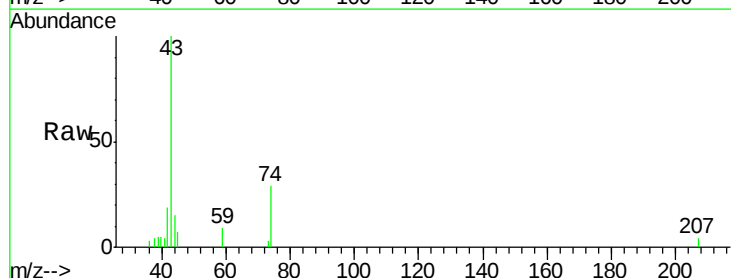
Acq: 24 Jun 2018 06:39

Tgt Ion: 43 Resp: 7860

Ion Ratio Lower Upper

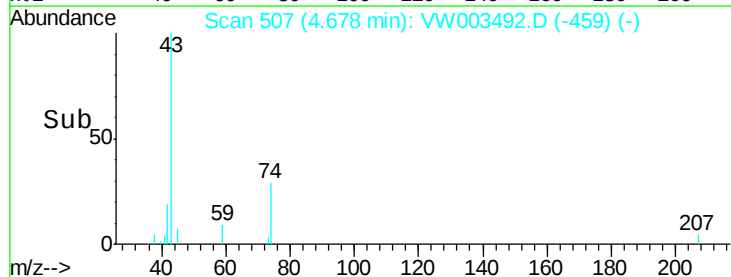
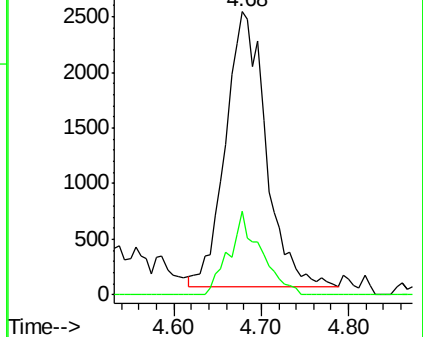
43 100

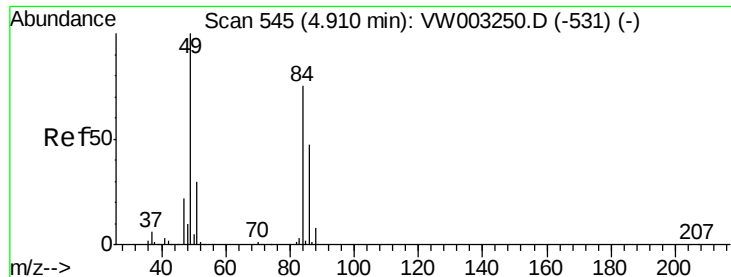
74 24.1 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

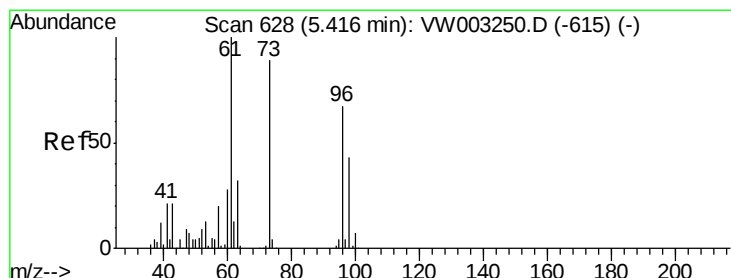
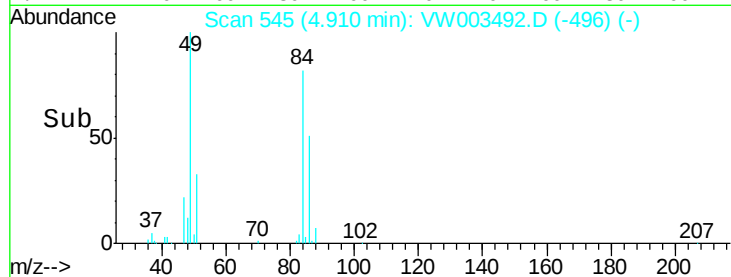
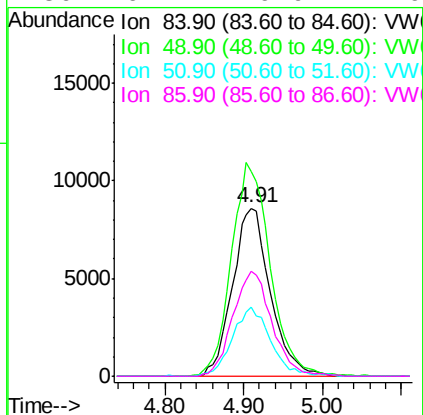
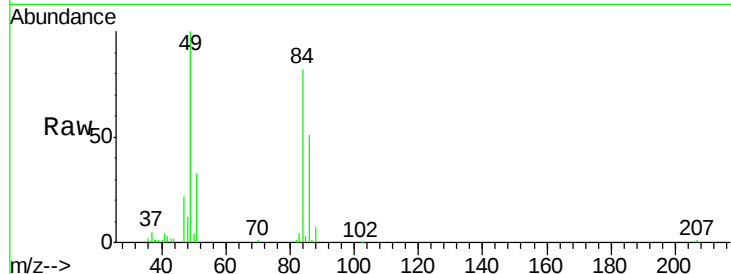




#20
Methylene Chloride
Concen: 12.590 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

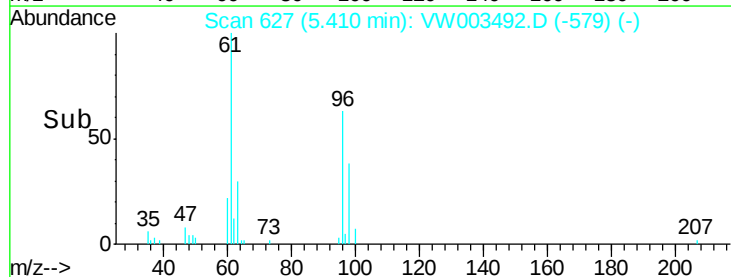
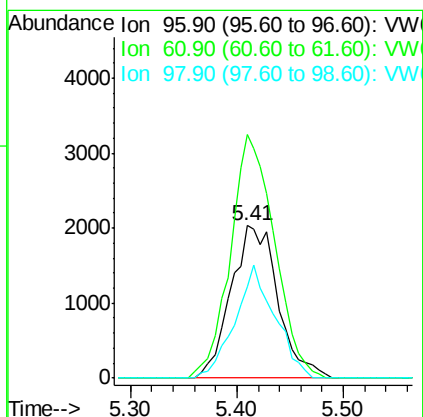
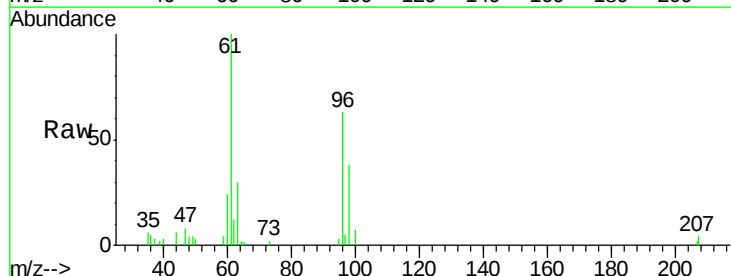
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-21-23-180621

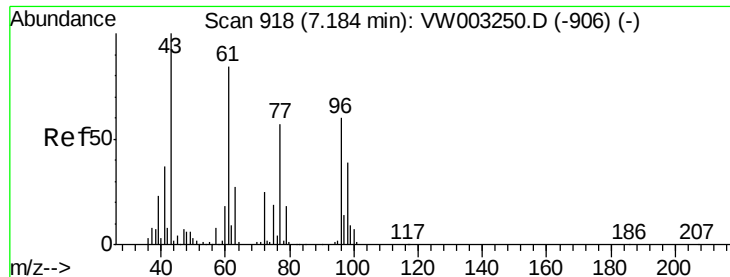
Tgt Ion: 84 Resp: 28681
Ion Ratio Lower Upper
84 100
49 121.7 106.3 159.5
51 40.7 32.0 48.0
86 62.4 49.9 74.9



#21
trans-1,2-Dichloroethene
Concen: 3.281 ug/l
RT: 5.41 min Scan# 627
Delta R.T. -0.01 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

Tgt Ion: 96 Resp: 6264
Ion Ratio Lower Upper
96 100
61 159.8 118.7 178.1
98 60.2 51.0 76.6

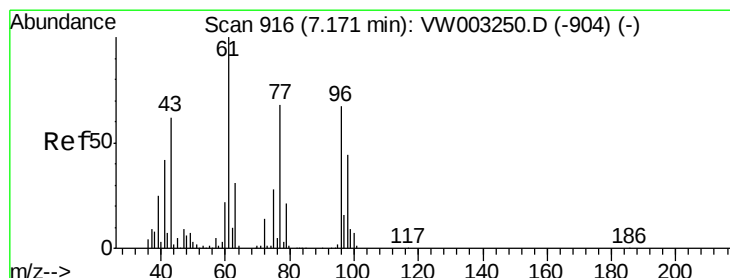
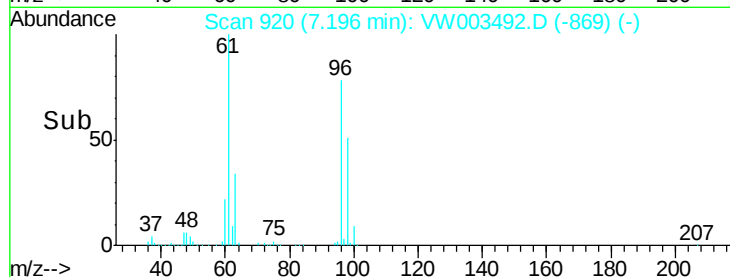
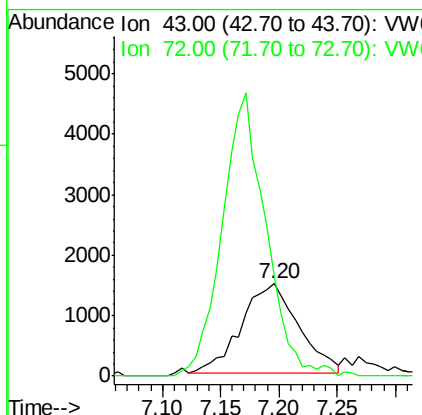
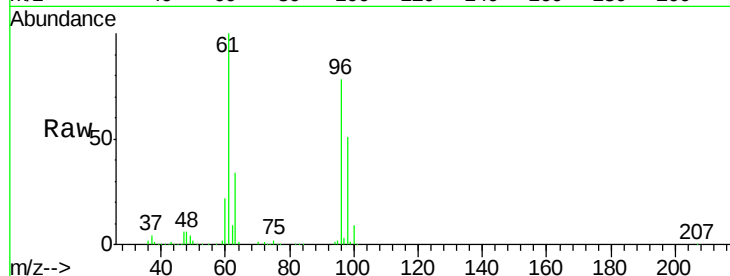




#25
 2-Butanone
 Concen: 9.121 ug/l
 RT: 7.20 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW003492.D
 Acq: 24 Jun 2018 06:39

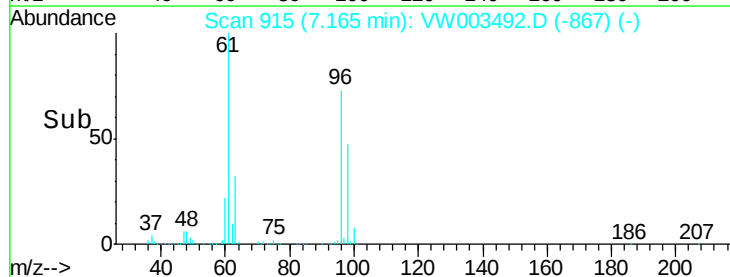
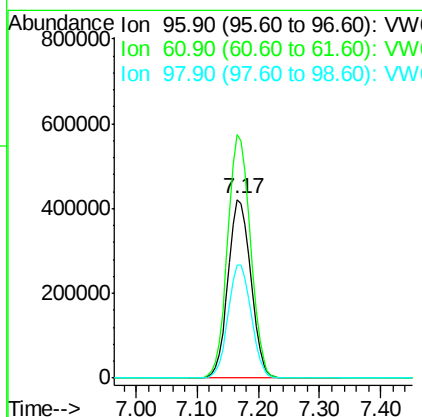
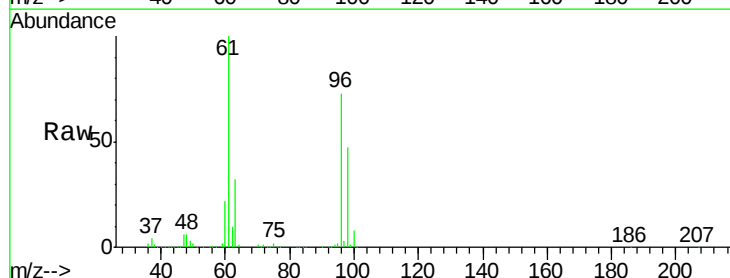
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-21-23-180621

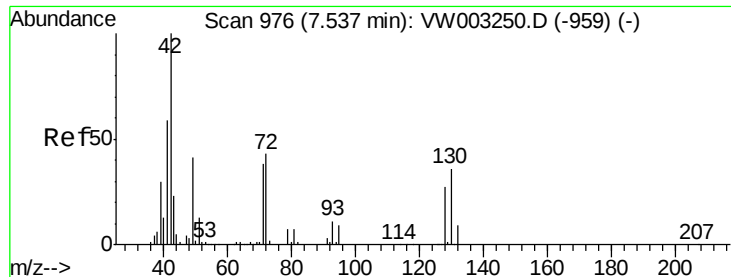
Tgt Ion: 43 Resp: 4993
 Ion Ratio Lower Upper
 43 100
 72 112.9 20.3 30.5#



#27
 cis-1,2-Dichloroethene
 Concen: 516.782 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW003492.D
 Acq: 24 Jun 2018 06:39

Tgt Ion: 96 Resp: 1083886
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 298.8
 98 64.2 0.0 130.4

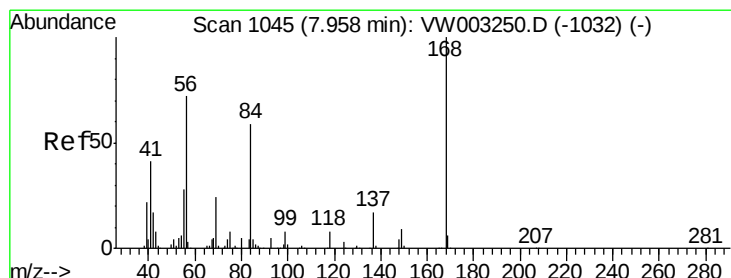
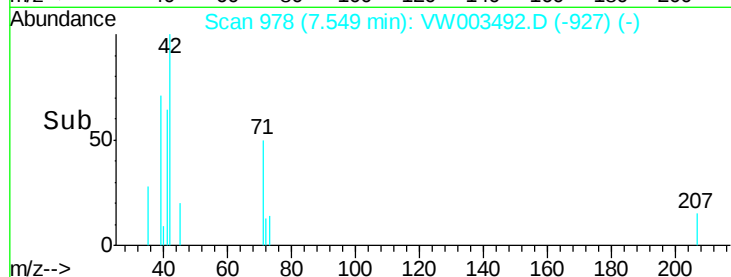
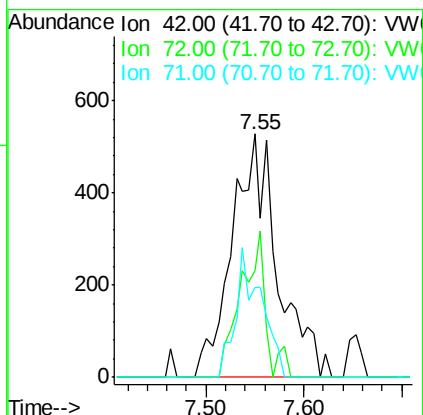
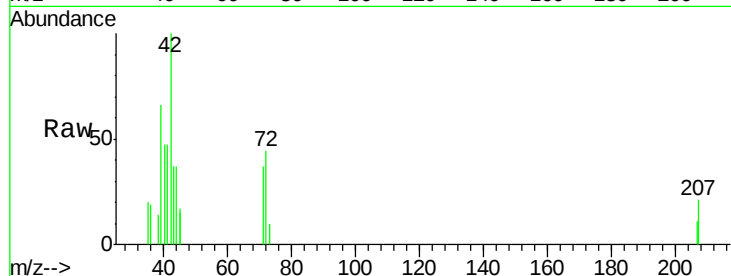




#29
Tetrahydrofuran
Concen: 5.093 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.01 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

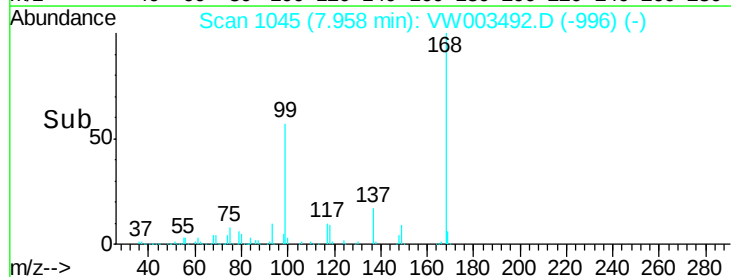
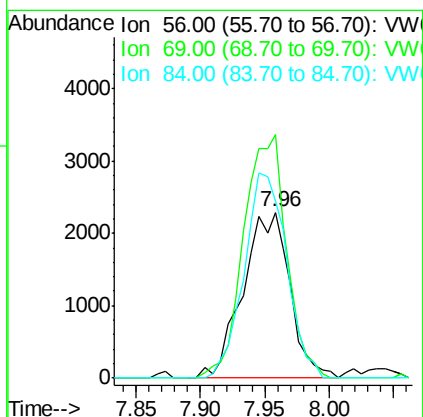
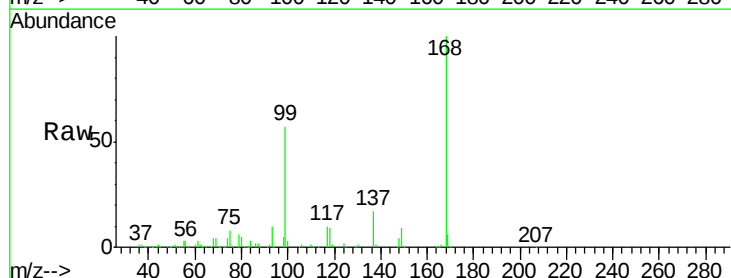
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-21-23-180621

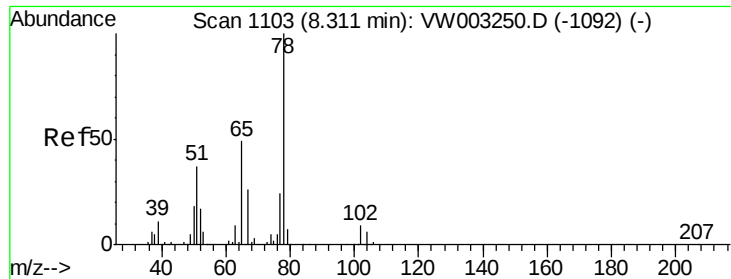
Tgt Ion: 42 Resp: 1704
Ion Ratio Lower Upper
42 100
72 30.2 32.4 48.6#
71 30.0 31.2 46.8#



#31
Cyclohexane
Concen: 1.703 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

Tgt Ion: 56 Resp: 5778
Ion Ratio Lower Upper
56 100
69 146.8 26.3 39.5#
84 106.4 65.7 98.5#

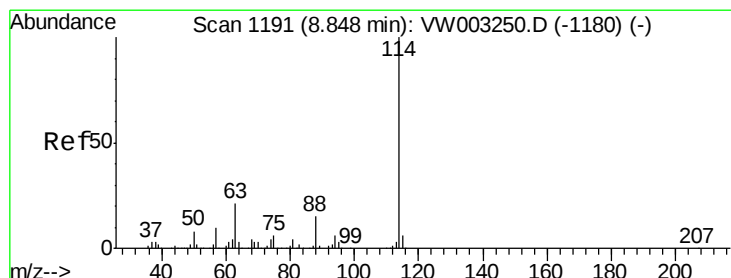
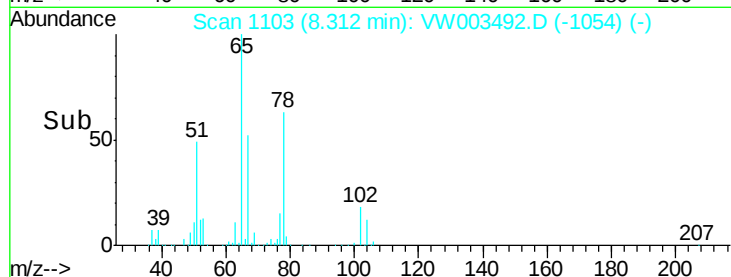
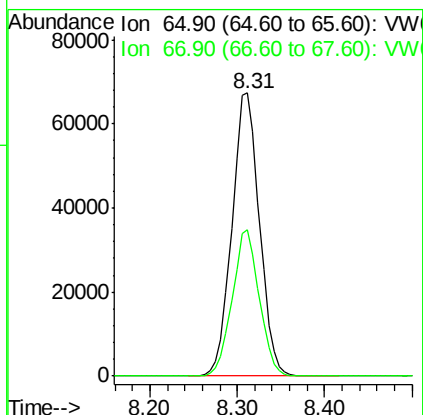
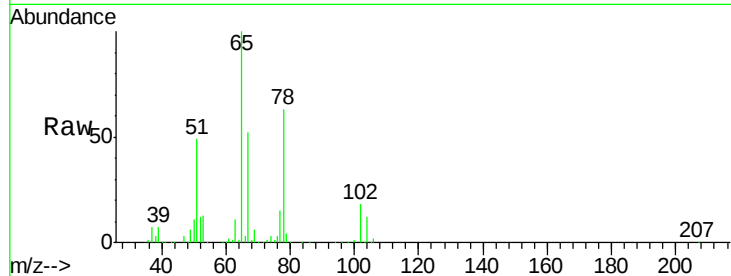




#33
 1,2-Dichloroethane-d4
 Concen: 70.085 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003492.D
 Acq: 24 Jun 2018 06:39

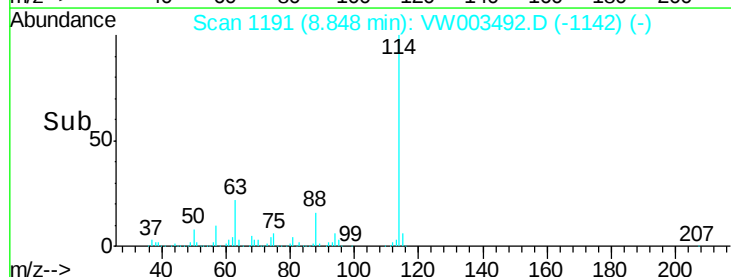
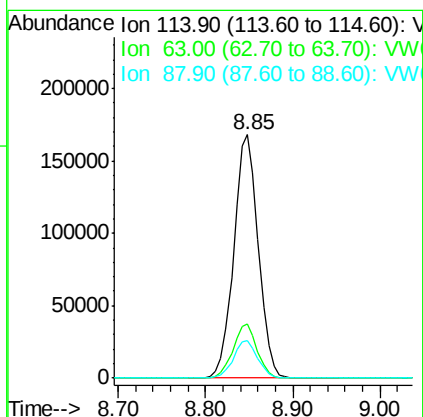
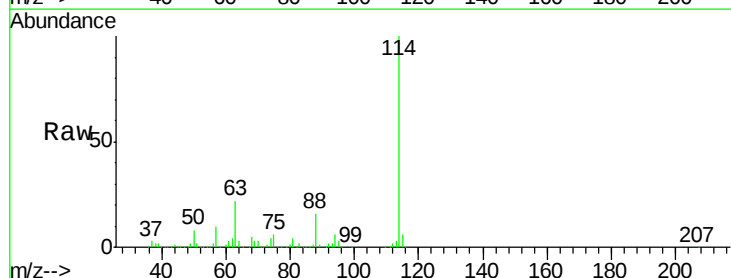
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-21-23-180621

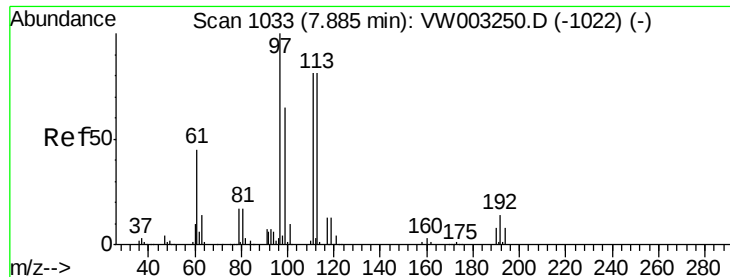
Tgt Ion: 65 Resp: 147114
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003492.D
 Acq: 24 Jun 2018 06:39

Tgt Ion: 114 Resp: 326336
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.0
 88 15.6 0.0 29.6

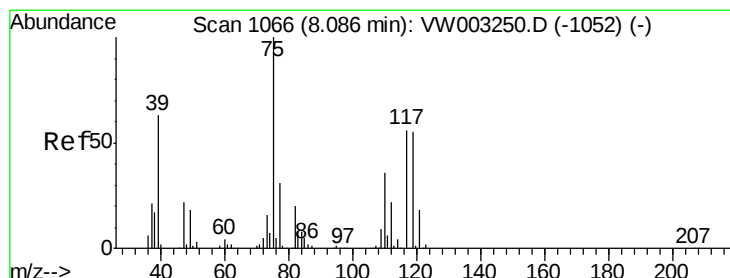
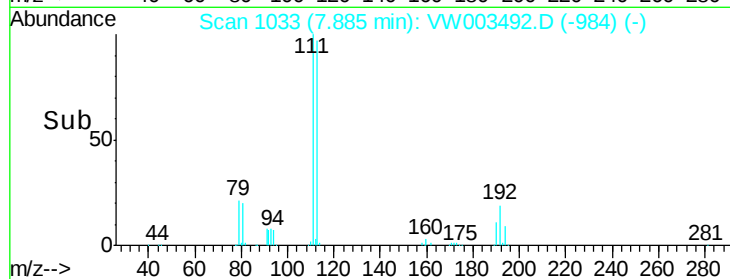
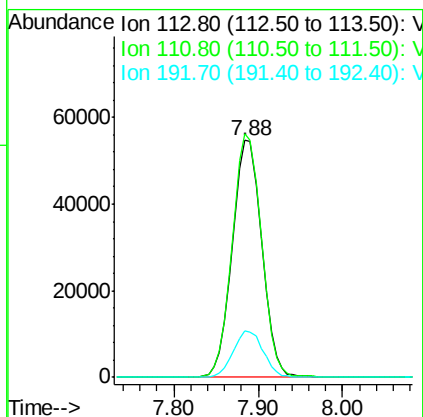
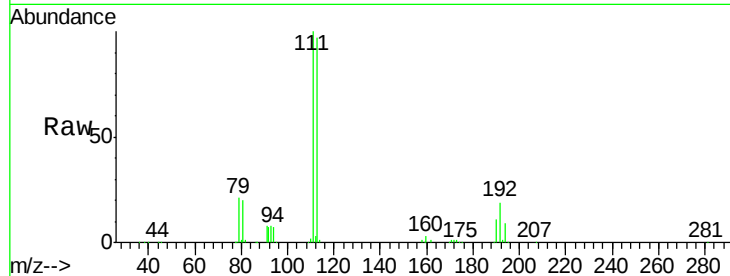




#35
 Dibromofluoromethane
 Concen: 64.007 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003492.D
 Acq: 24 Jun 2018 06:39

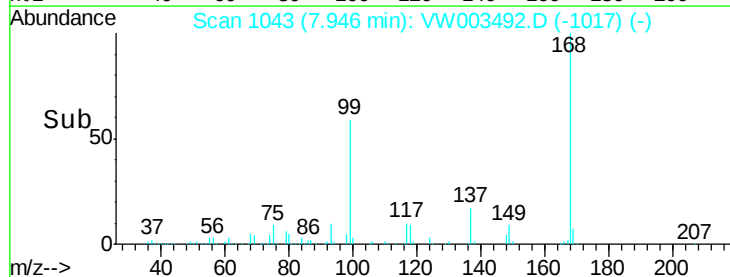
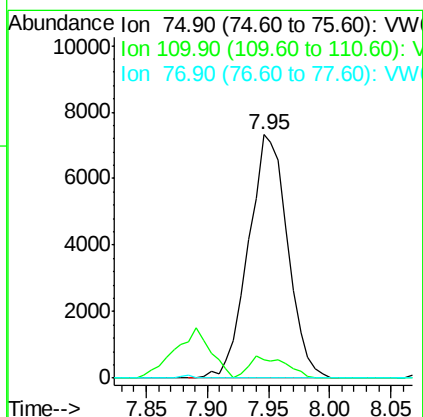
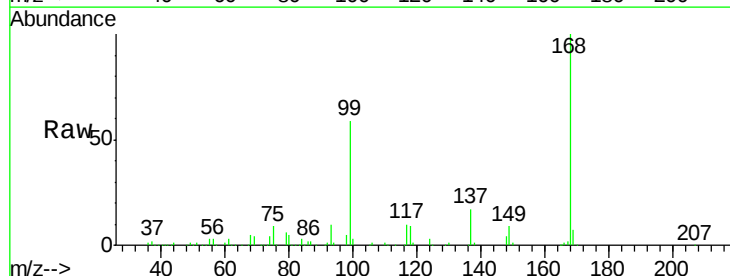
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-21-23-180621

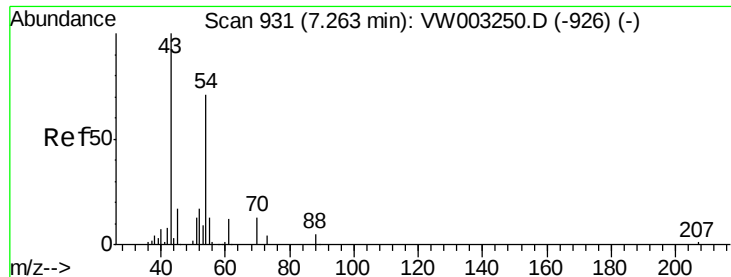
Tgt Ion:113 Resp: 129790
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 19.6 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.181 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.14 min
 Lab File: VW003492.D
 Acq: 24 Jun 2018 06:39

Tgt Ion: 75 Resp: 16327
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.1 51.3#
 77 0.0 24.9 37.3#

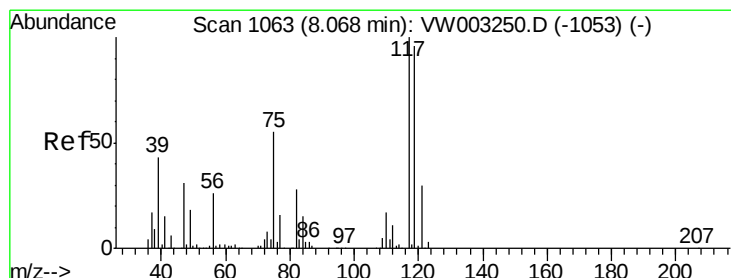
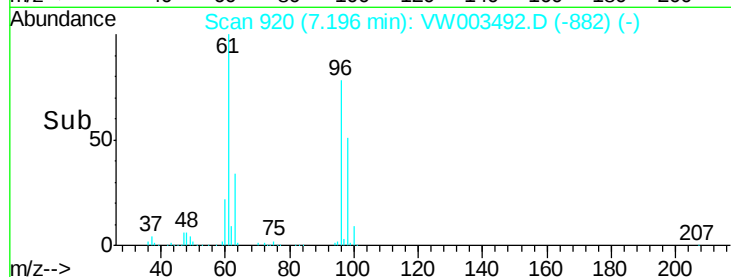
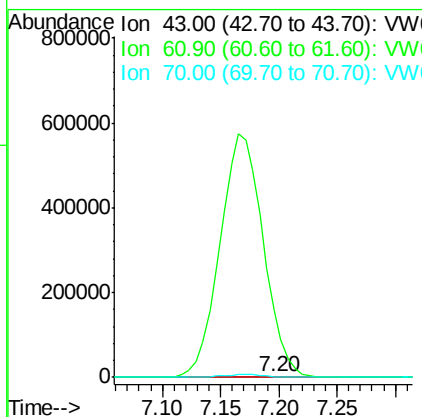
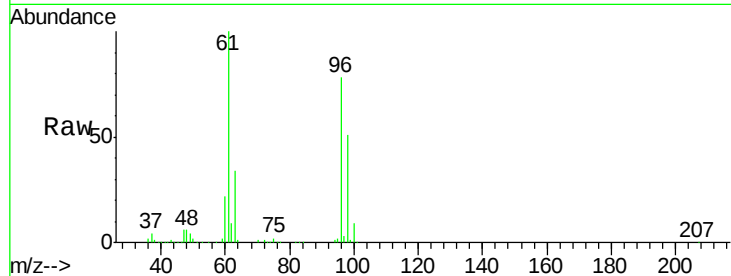




#37
Ethyl Acetate
Concen: 3.824 ug/l
RT: 7.20 min Scan# 920
Delta R.T. -0.07 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

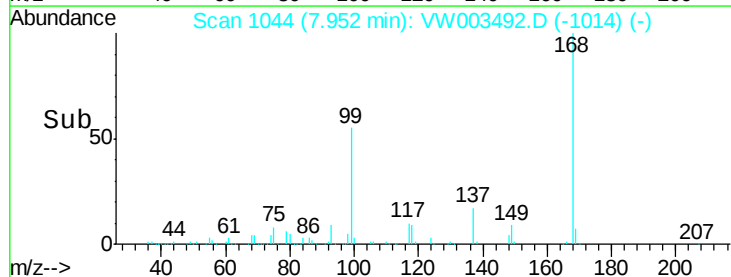
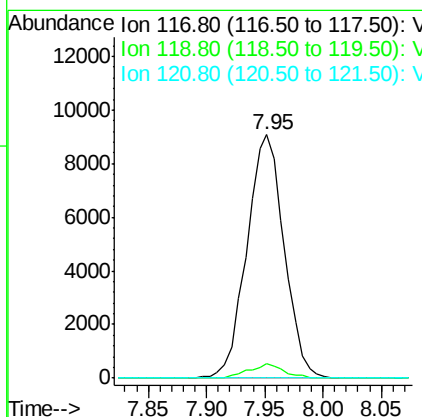
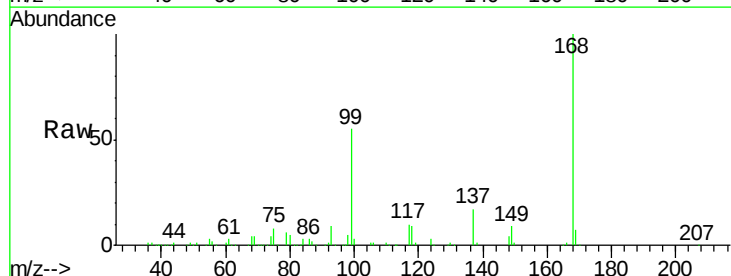
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-21-23-180621

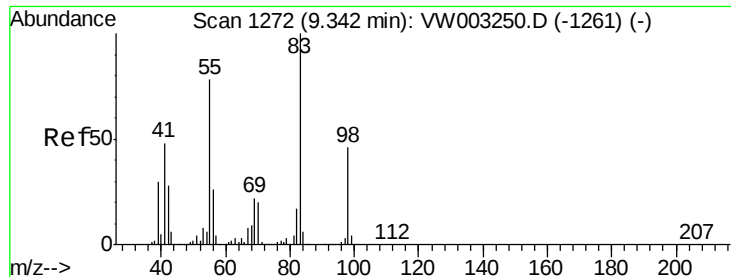
Tgt Ion: 43 Resp: 4993
Ion Ratio Lower Upper
43 100
61 0.0 10.8 16.2#
70 0.0 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 6.507 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

Tgt Ion: 117 Resp: 20115
Ion Ratio Lower Upper
117 100
119 5.9 76.6 115.0#
121 0.0 23.9 35.9#

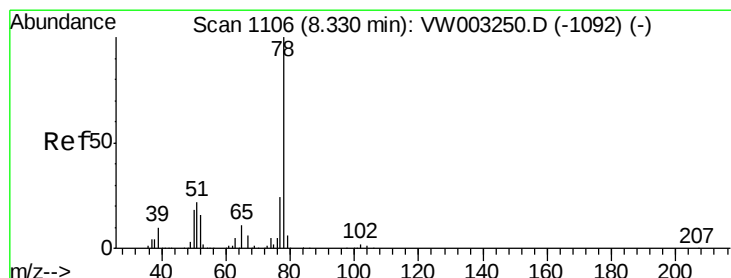
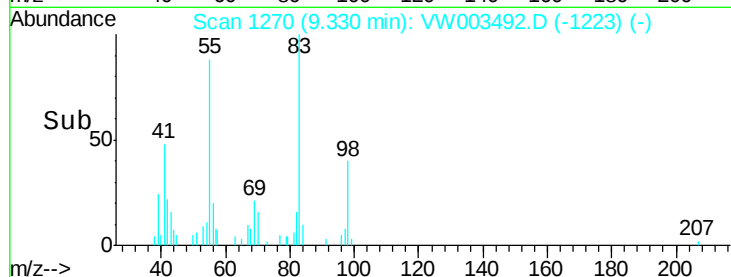
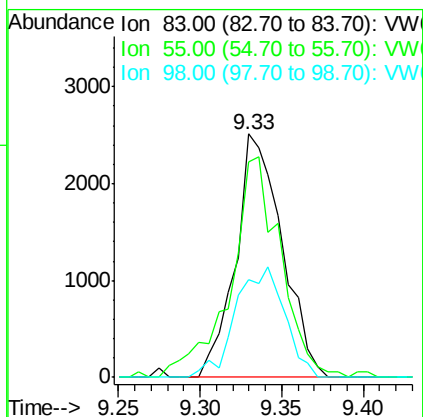
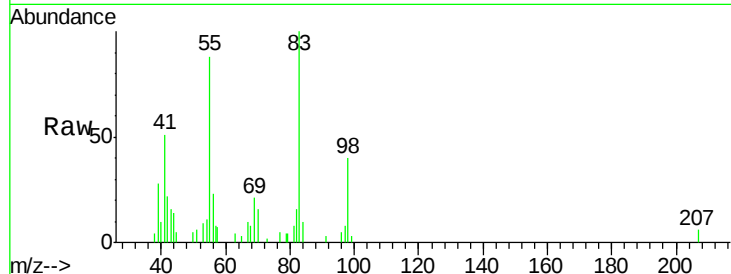




#39
Methylcyclohexane
Concen: 1.369 ug/l
RT: 9.33 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

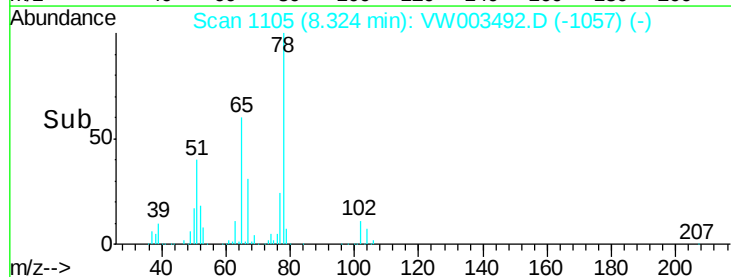
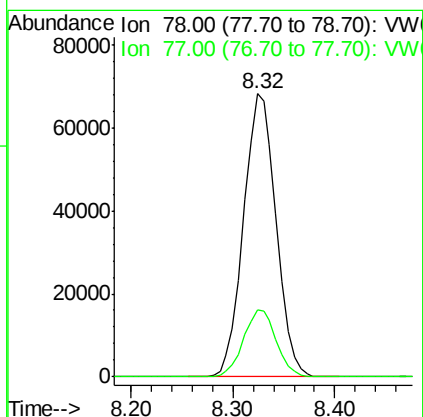
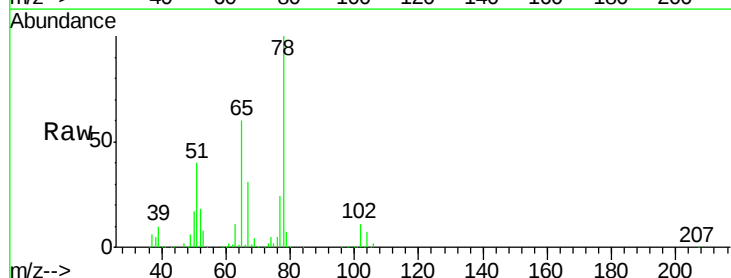
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-21-23-180621

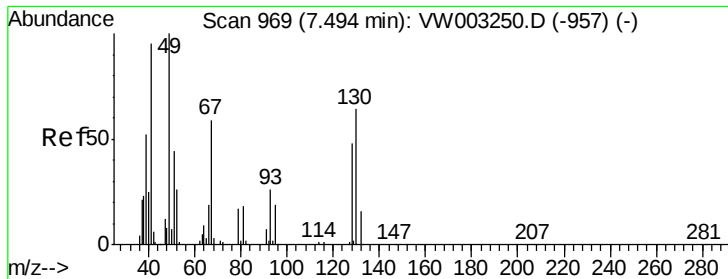
Tgt Ion: 83 Resp: 4991
Ion Ratio Lower Upper
83 100
55 85.8 62.6 93.8
98 40.0 37.0 55.4



#40
Benzene
Concen: 17.404 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

Tgt Ion: 78 Resp: 151186
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

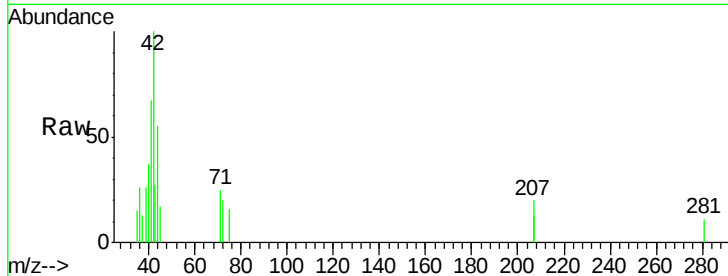




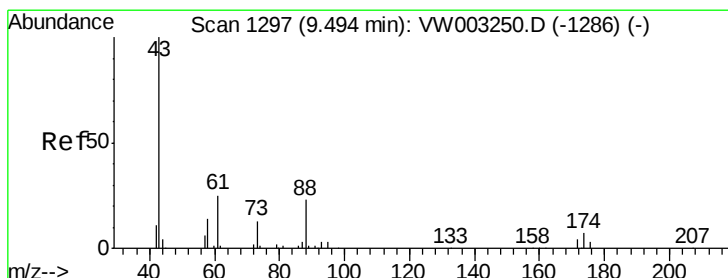
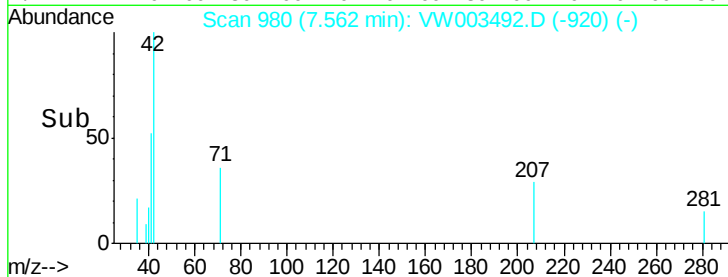
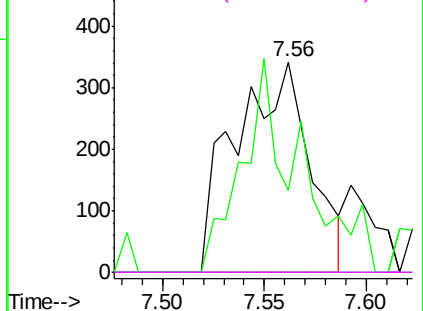
#41
Methacrylonitrile
Concen: 1.088 ug/l
RT: 7.56 min Scan# 980
Delta R.T. 0.07 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-21-23-180621

Tgt Ion:	41	Resp:	872
Ion	Ratio	Lower	Upper
41	100		
39	49.7	45.8	68.8
67	0.0	52.3	78.5#
52	0.0	24.1	36.1#

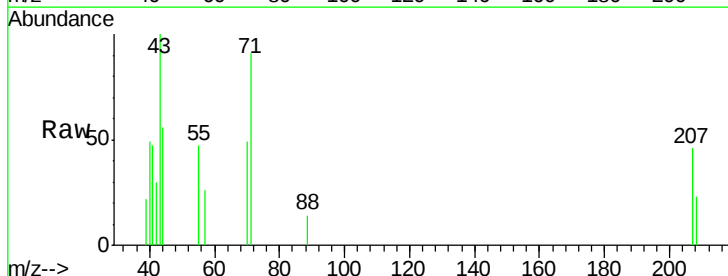


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

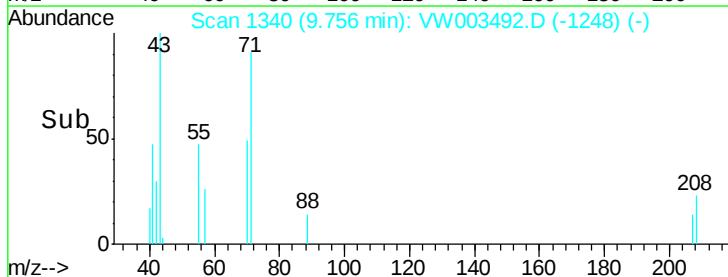
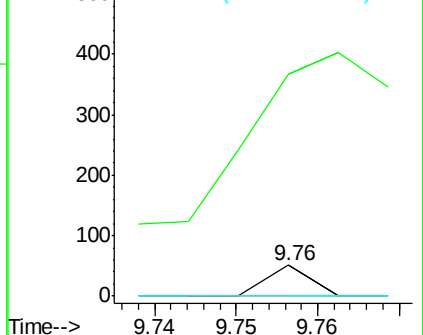


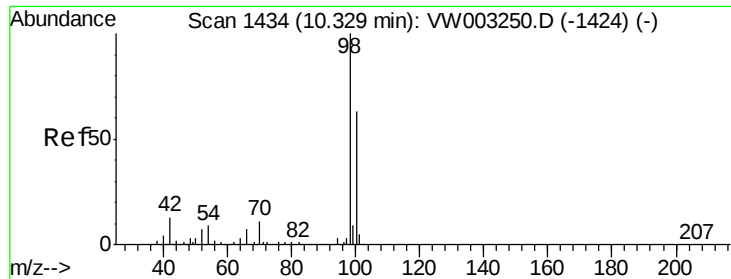
#49
1,4-Dioxane
Concen: 1.111 ug/l
RT: 9.76 min Scan# 1340
Delta R.T. 0.26 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

Tgt Ion:	88	Resp:	19
Ion	Ratio	Lower	Upper
88	100		
43	3084.2	454.7	682.1#
58	0.0	58.6	88.0#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

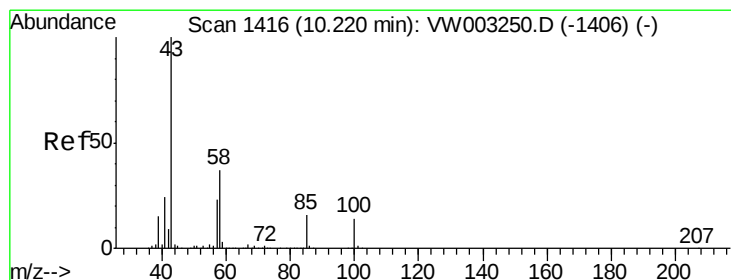
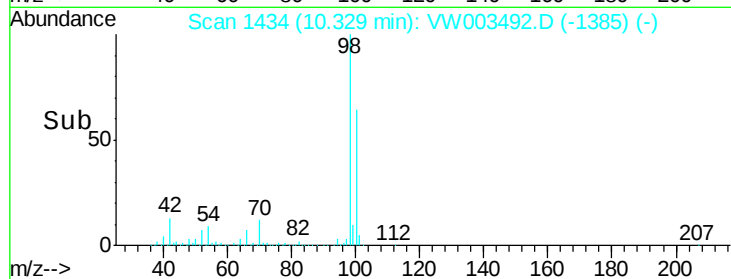
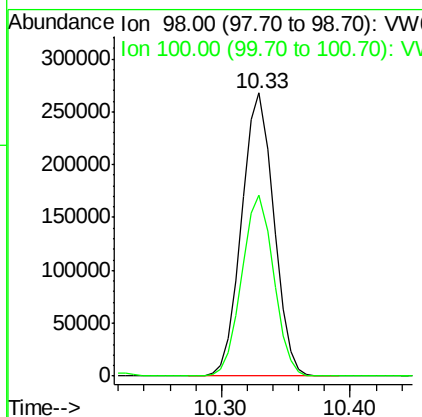
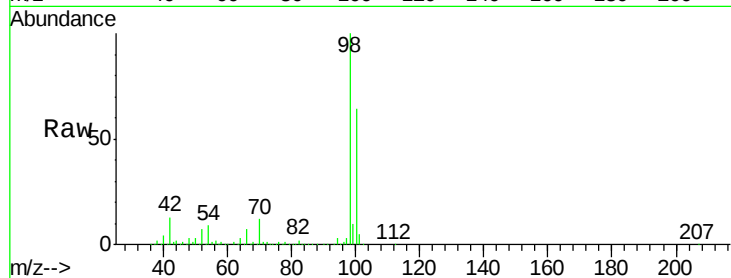




#50
Toluene-d8
Concen: 57.471 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

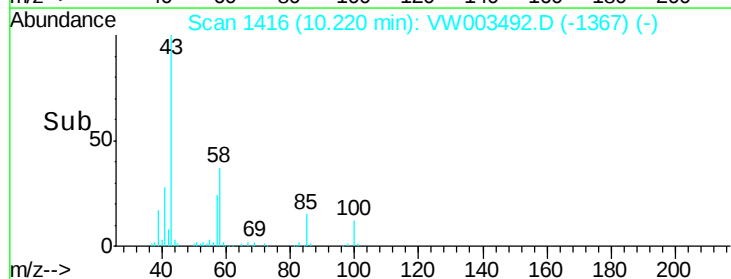
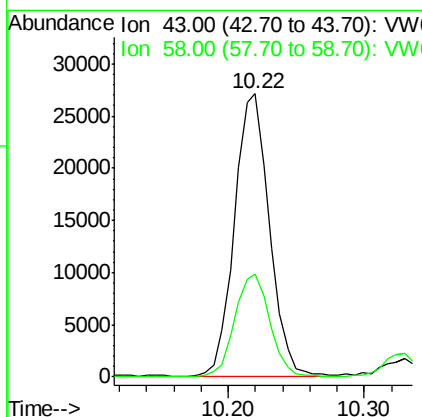
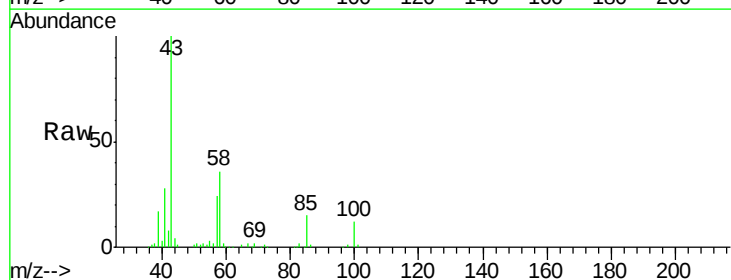
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-21-23-180621

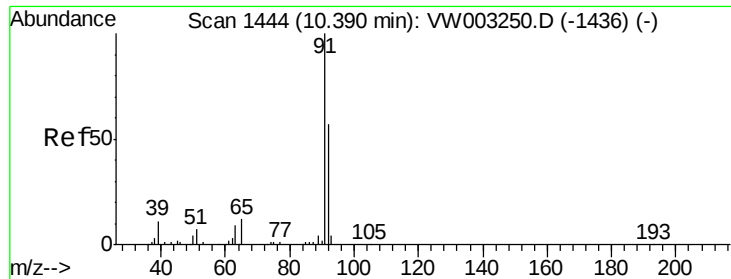
Tgt Ion: 98 Resp: 462096
Ion Ratio Lower Upper
98 100
100 63.4 50.8 76.2



#51
4-Methyl-2-Pentanone
Concen: 36.970 ug/l
RT: 10.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

Tgt Ion: 43 Resp: 48837
Ion Ratio Lower Upper
43 100
58 36.4 29.0 43.4





#52

Toluene

Concen: 172.436 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003492.D

Acq: 24 Jun 2018 06:39

Instrument :

MSVOA_W

ClientSampleId :

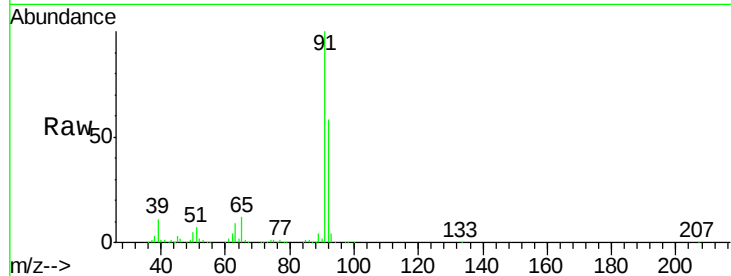
WP021SB477-21-23-180621

Tgt Ion: 92 Resp: 960588

Ion Ratio Lower Upper

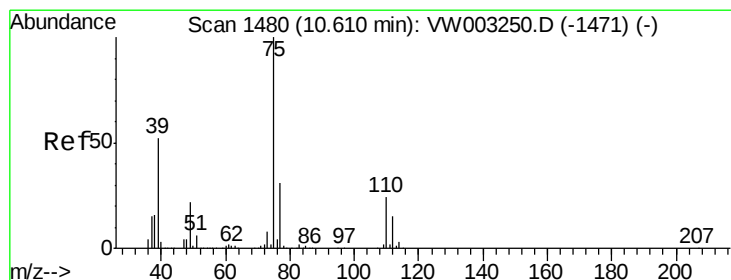
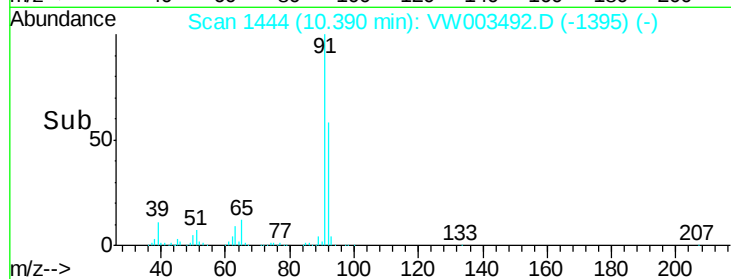
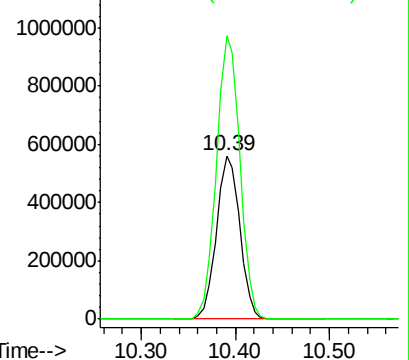
92 100

91 175.2 141.1 211.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#53

t-1,3-Dichloropropene

Concen: 4.145 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.22 min

Lab File: VW003492.D

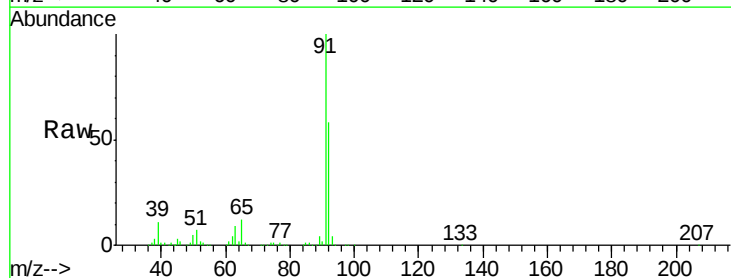
Acq: 24 Jun 2018 06:39

Tgt Ion: 75 Resp: 12289

Ion Ratio Lower Upper

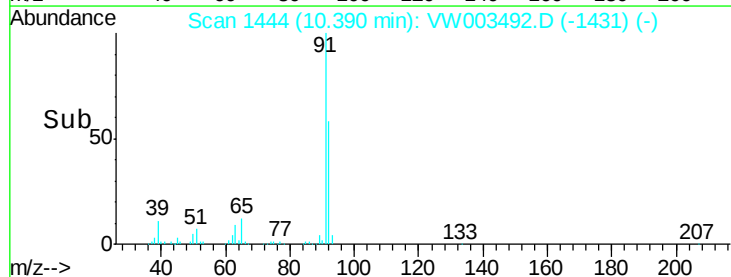
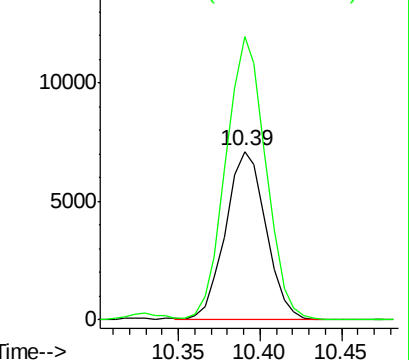
75 100

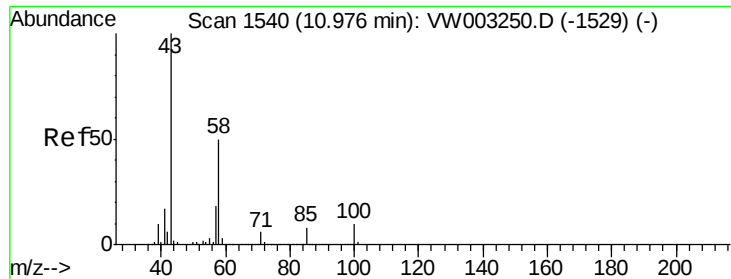
77 167.7 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW





#59

2-Hexanone

Concen: 5.071 ug/l

RT: 10.84 min Scan# 1517

Delta R.T. -0.14 min

Lab File: VW003492.D

Acq: 24 Jun 2018 06:39

Instrument :

MSVOA_W

ClientSampleId :

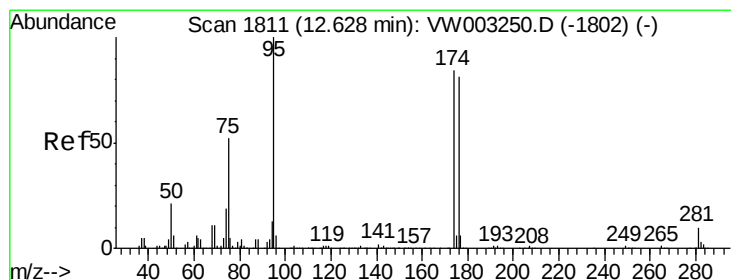
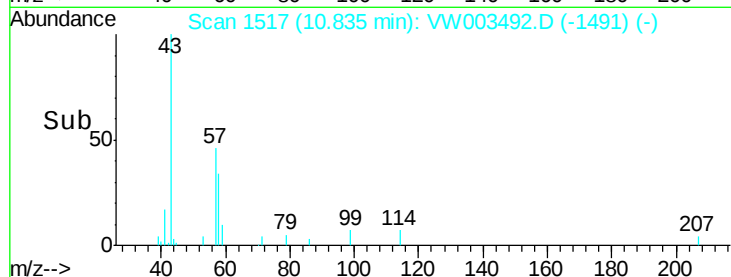
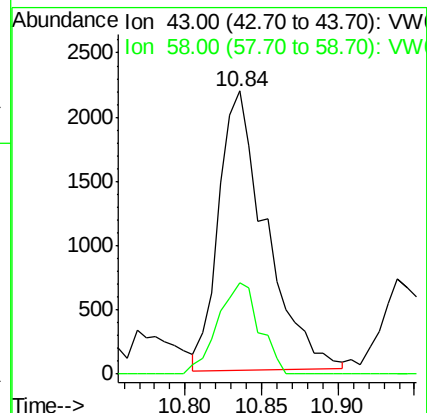
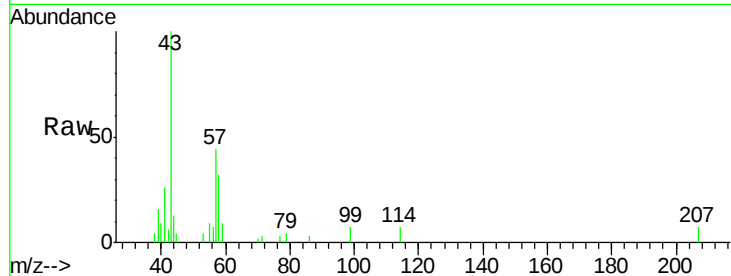
WP021SB477-21-23-180621

Tgt Ion: 43 Resp: 4680

Ion Ratio Lower Upper

43 100

58 28.8 25.0 75.0



#62

4-Bromofluorobenzene

Concen: 62.073 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003492.D

Acq: 24 Jun 2018 06:39

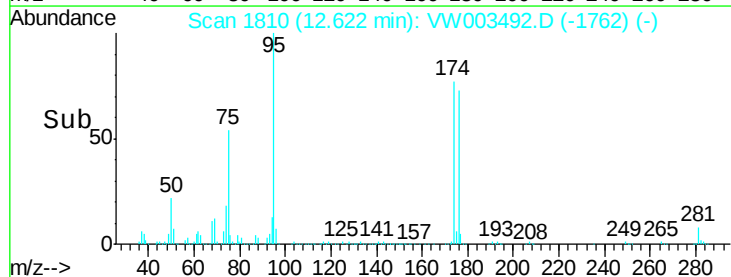
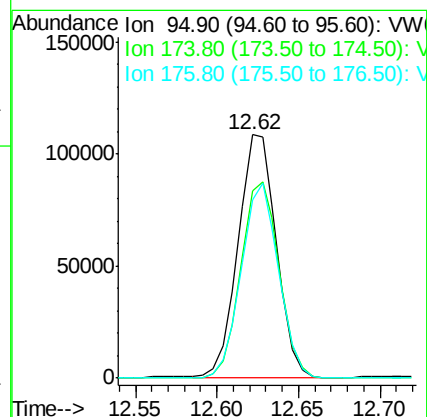
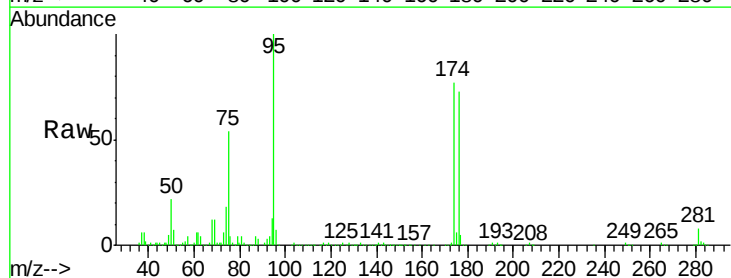
Tgt Ion: 95 Resp: 176626

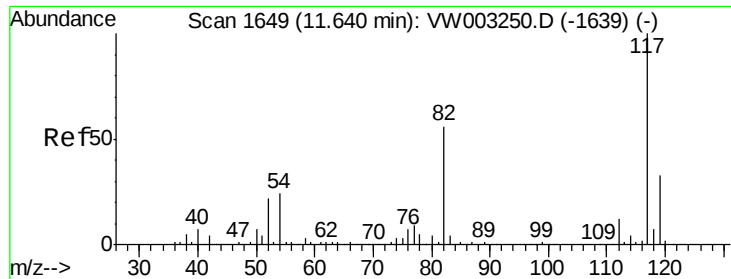
Ion Ratio Lower Upper

95 100

174 81.0 0.0 166.4

176 78.1 0.0 162.0

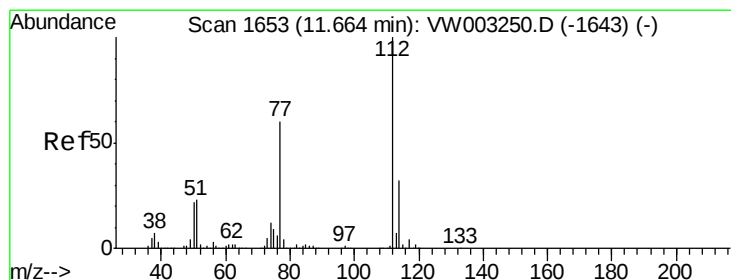
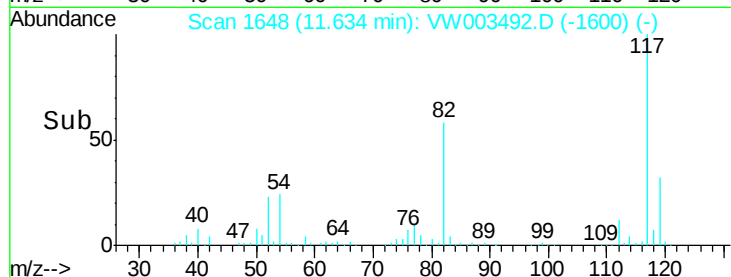
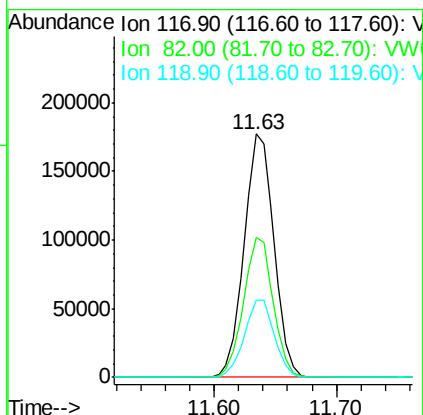
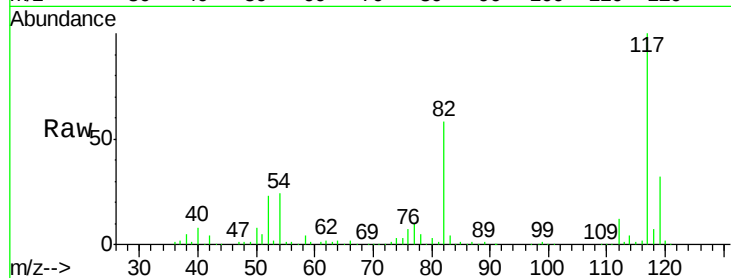




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

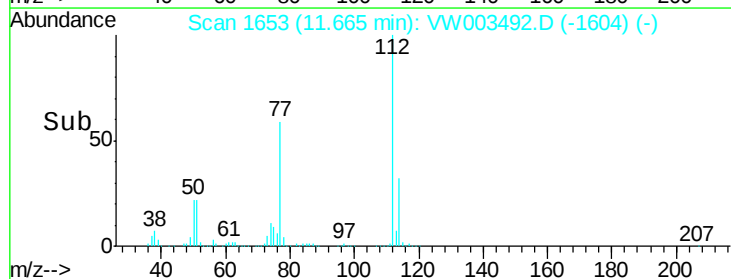
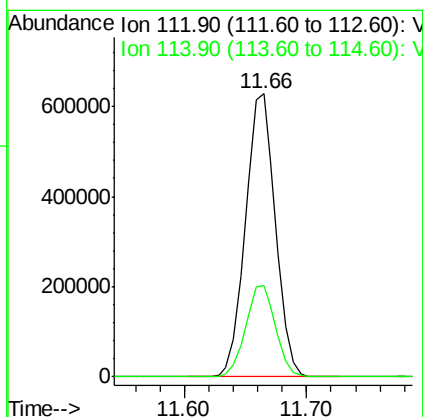
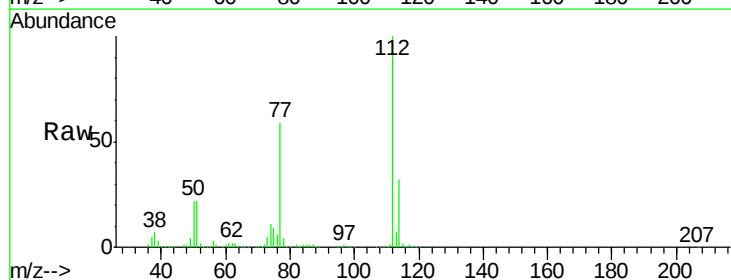
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-21-23-180621

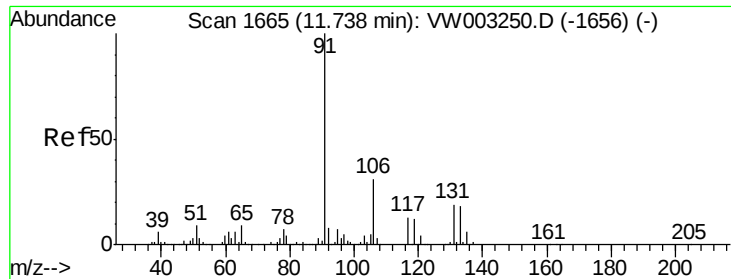
Tgt Ion:117 Resp: 300231
Ion Ratio Lower Upper
117 100
82 57.6 44.6 67.0
119 31.6 26.7 40.1



#65
Chlorobenzene
Concen: 170.614 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

Tgt Ion:112 Resp: 1066689
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9

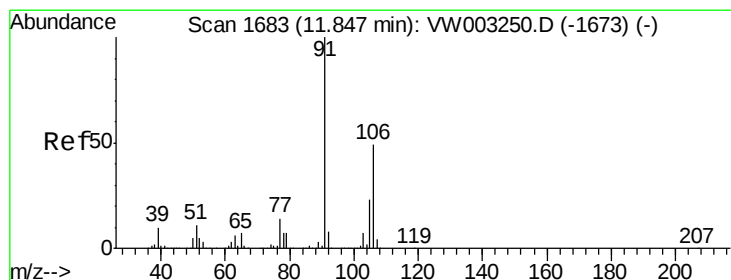
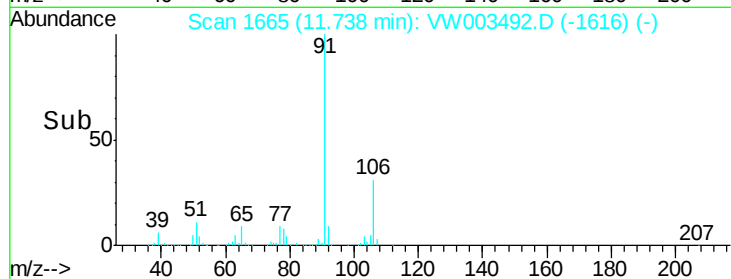
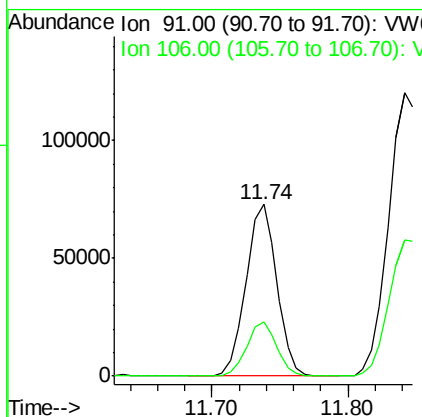
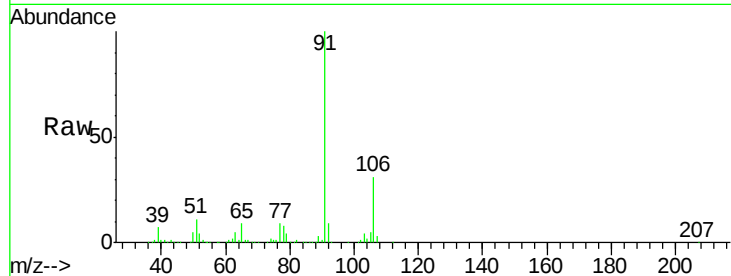




#67
Ethyl Benzene
Concen: 10.452 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

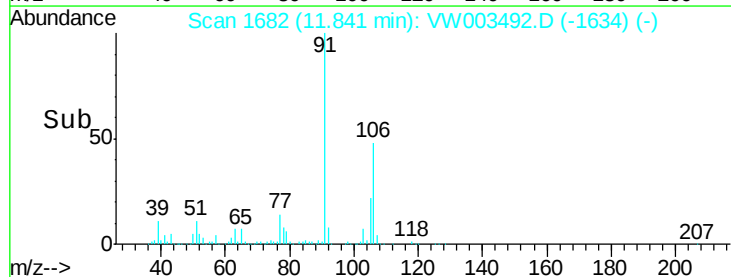
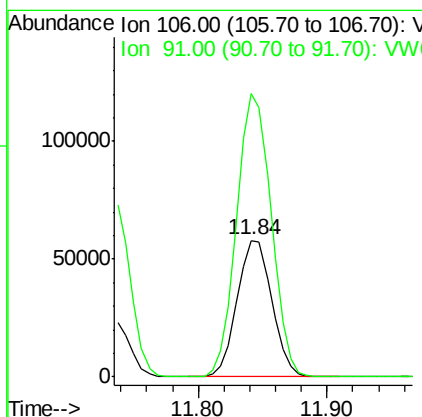
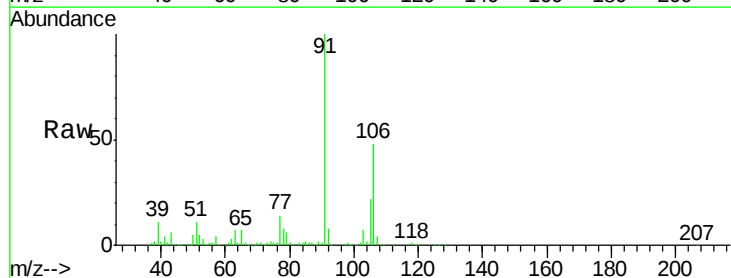
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-21-23-180621

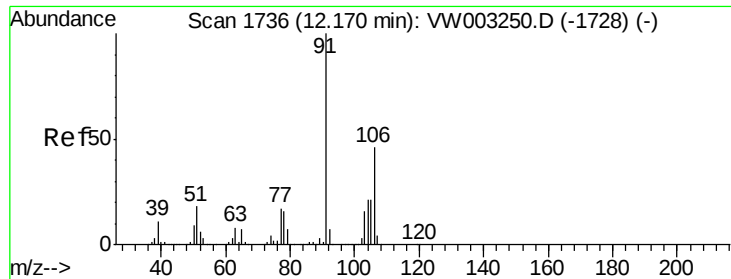
Tgt Ion: 91 Resp: 115838
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1



#68
m/p-Xylenes
Concen: 25.632 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

Tgt Ion: 106 Resp: 107983
Ion Ratio Lower Upper
106 100
91 207.2 165.4 248.0

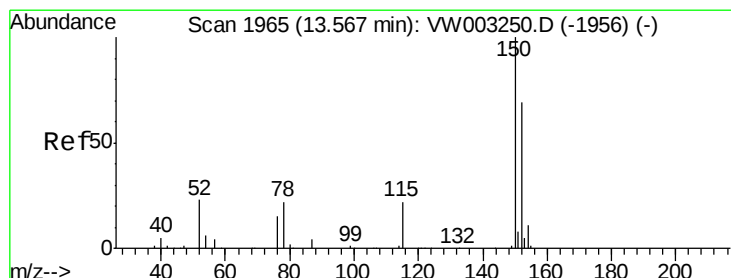
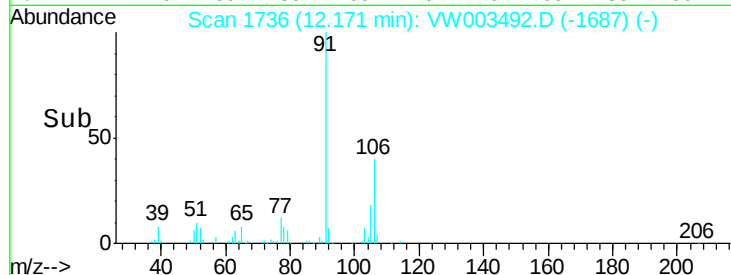
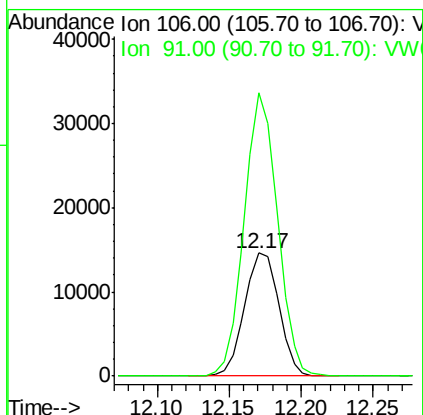
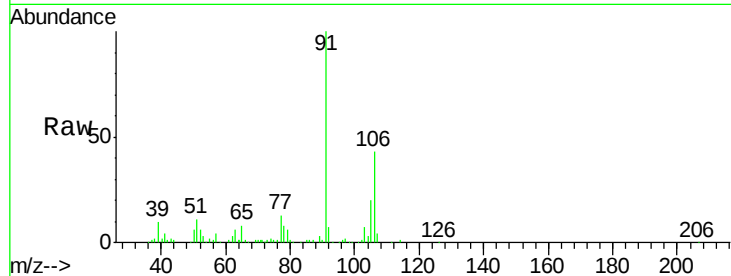




#69
o-Xylene
Concen: 6.191 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

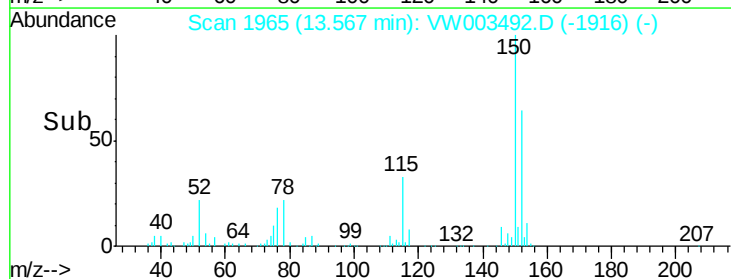
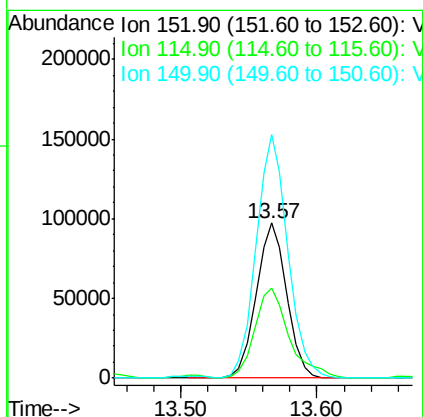
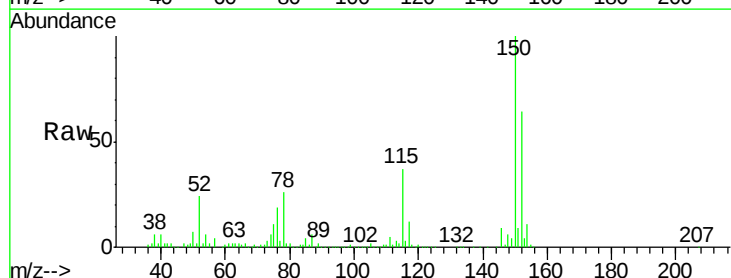
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-21-23-180621

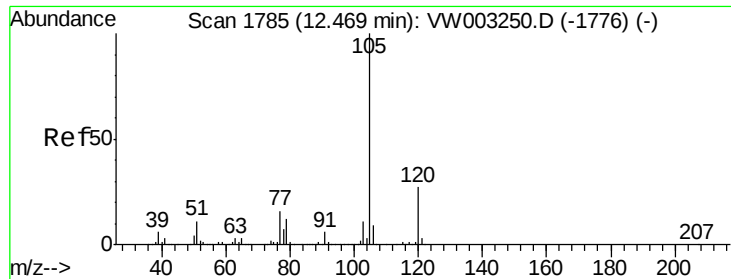
Tgt Ion:106 Resp: 24173
Ion Ratio Lower Upper
106 100
91 223.1 108.6 325.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

Tgt Ion:152 Resp: 152115
Ion Ratio Lower Upper
152 100
115 65.8 29.3 88.0
150 163.6 0.0 349.6





#73

Isopropylbenzene

Concen: 2.975 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003492.D

Acq: 24 Jun 2018 06:39

Instrument :

MSVOA_W

ClientSampleId :

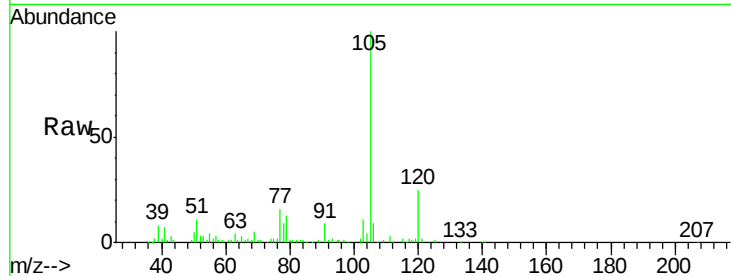
WP021SB477-21-23-180621

Tgt Ion:105 Resp: 31479

Ion Ratio Lower Upper

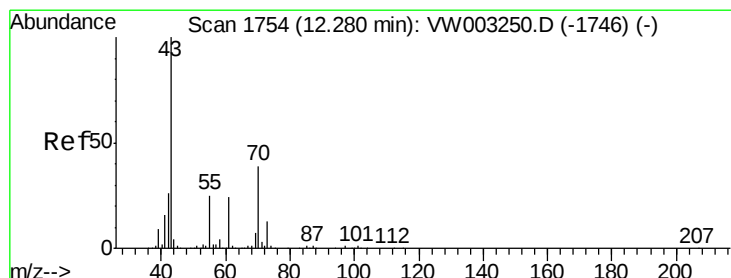
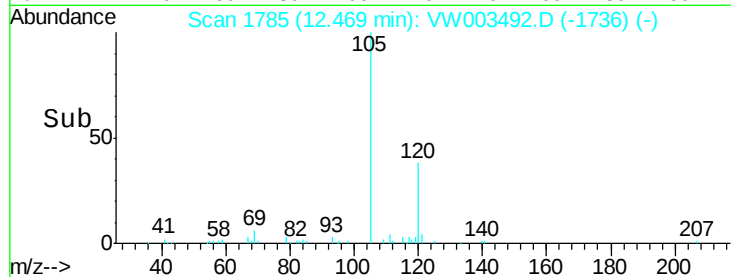
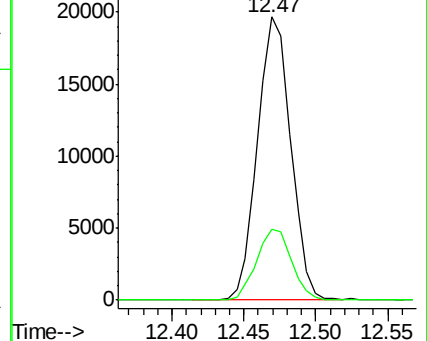
105 100

120 26.2 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: 1.784 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW003492.D

Acq: 24 Jun 2018 06:39

Tgt Ion: 43 Resp: 4296

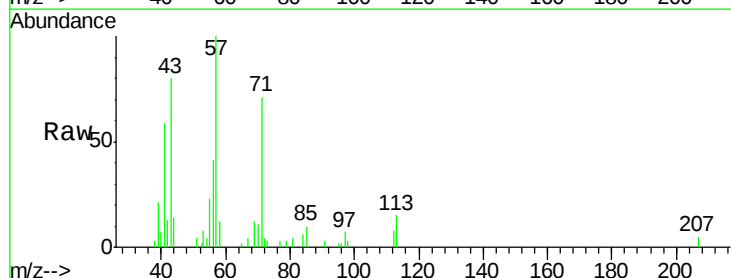
Ion Ratio Lower Upper

43 100

70 10.2 31.0 46.6#

55 0.0 19.7 29.5#

61 0.0 18.1 27.1#

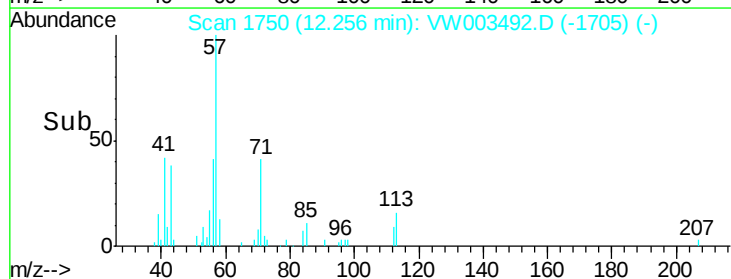
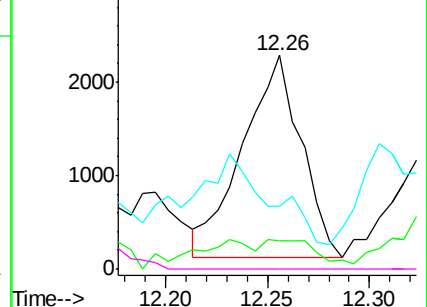


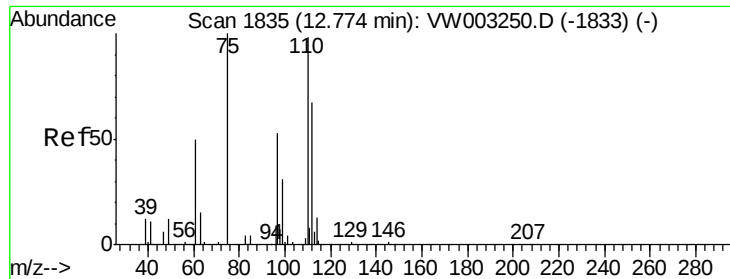
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#76

1,2,3-Trichloropropane

Concen: 73.472 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003492.D

Acq: 24 Jun 2018 06:39

Instrument :

MSVOA_W

ClientSampleId :

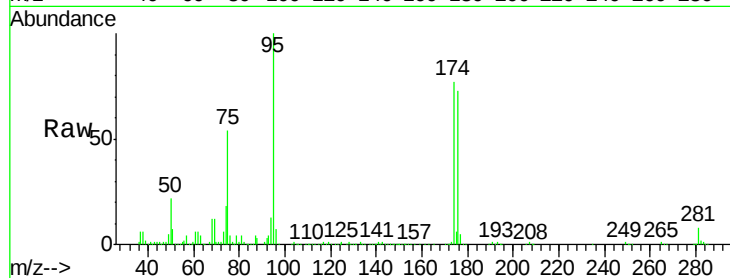
WP021SB477-21-23-180621

Tgt Ion: 75 Resp: 95544

Ion Ratio Lower Upper

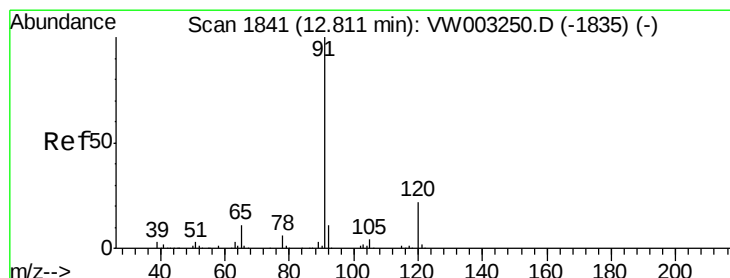
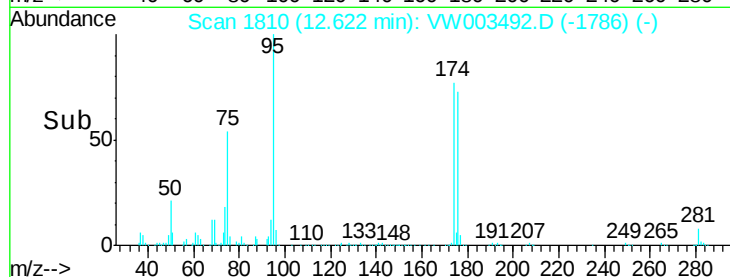
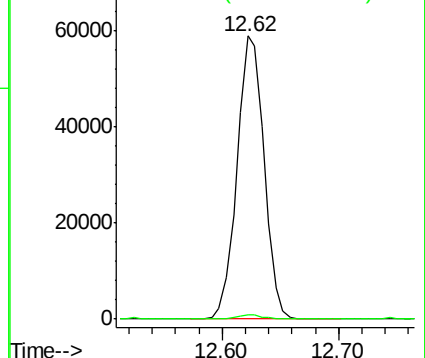
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#78

n-propylbenzene

Concen: 3.598 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003492.D

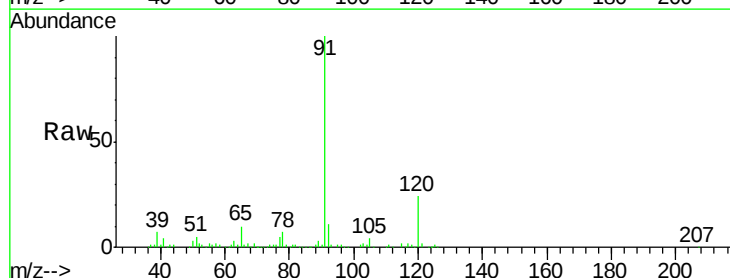
Acq: 24 Jun 2018 06:39

Tgt Ion: 91 Resp: 46608

Ion Ratio Lower Upper

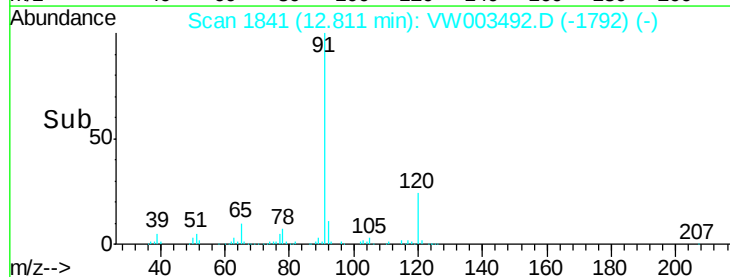
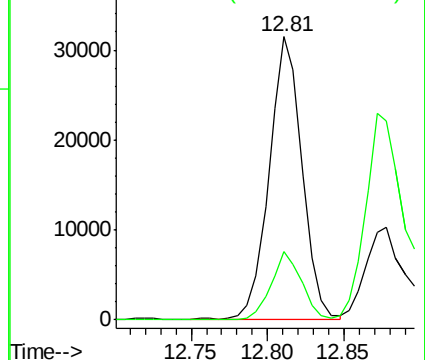
91 100

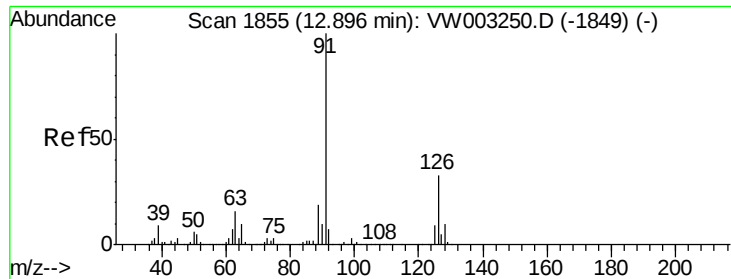
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.154 ug/l

RT: 12.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: VW003492.D

Acq: 24 Jun 2018 06:39

Instrument :

MSVOA_W

ClientSampleId :

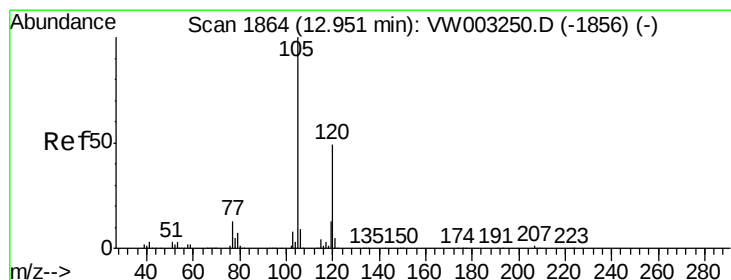
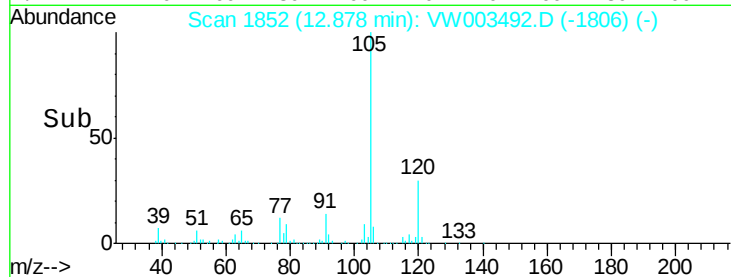
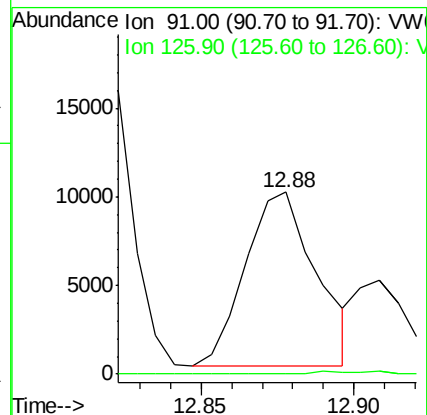
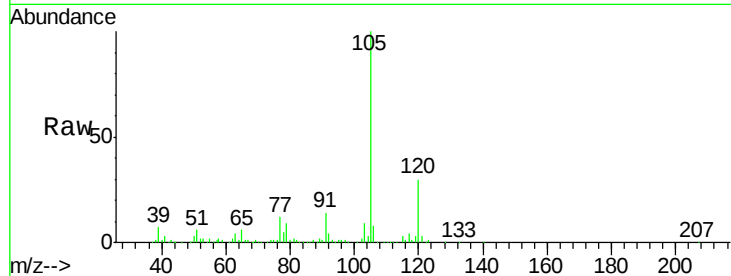
WP021SB477-21-23-180621

Tgt Ion: 91 Resp: 15769

Ion Ratio Lower Upper

91 100

126 0.0 16.8 50.4#



#80

1,3,5-Trimethylbenzene

Concen: 14.439 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003492.D

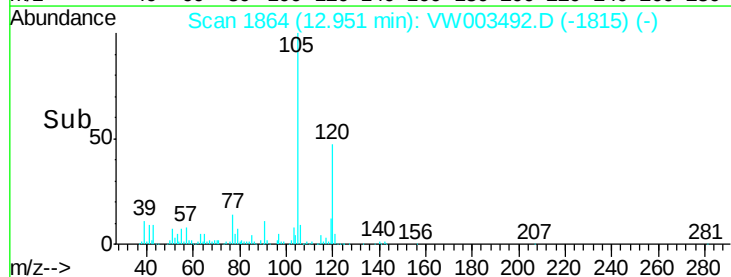
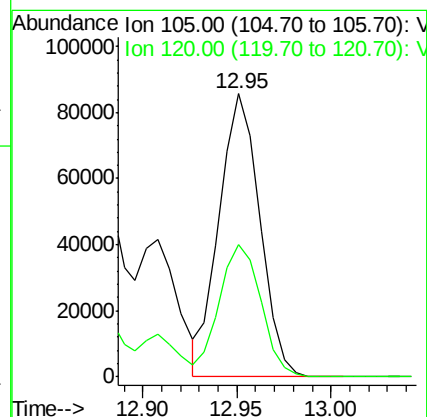
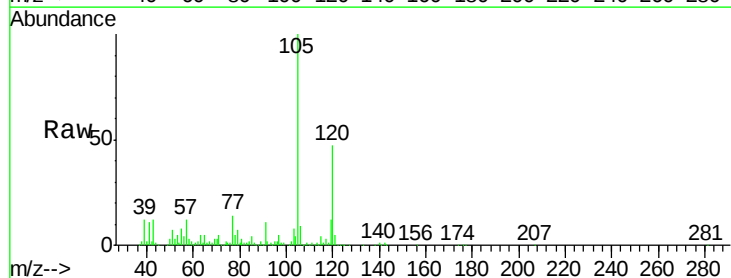
Acq: 24 Jun 2018 06:39

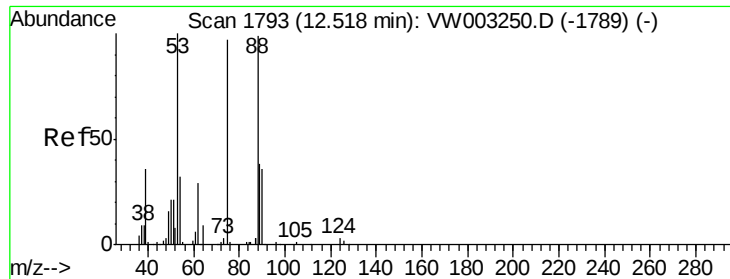
Tgt Ion: 105 Resp: 128229

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.9

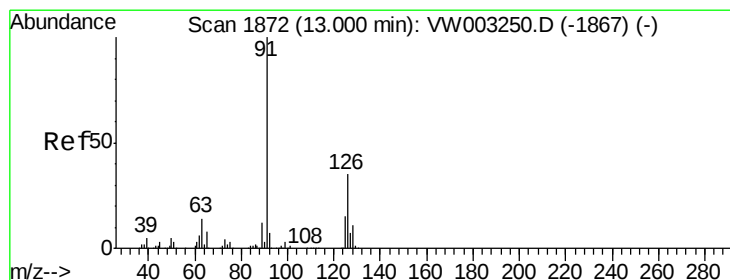
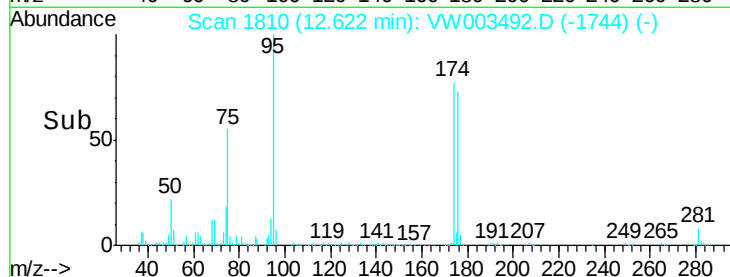
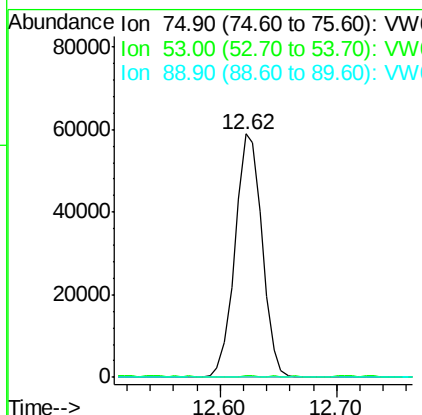
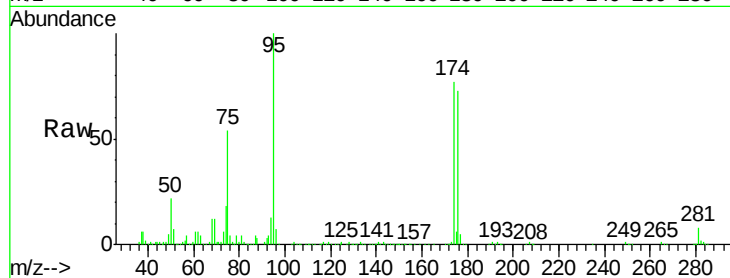




#81
trans-1,4-Dichloro-2-butene
Concen: 169.064 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

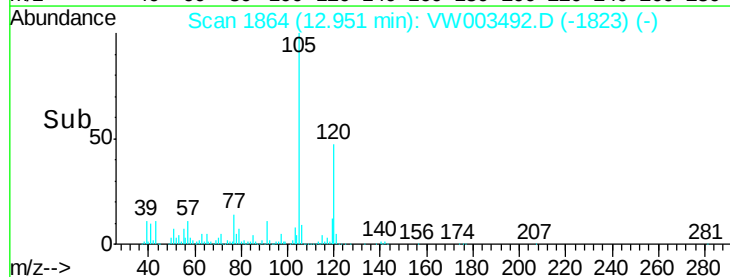
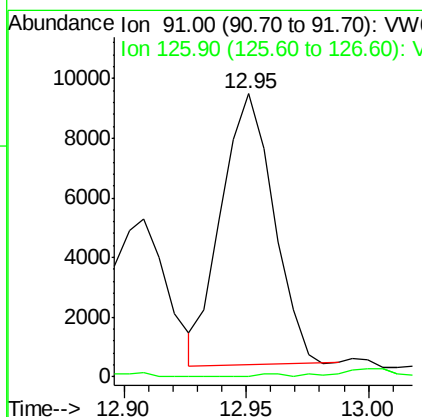
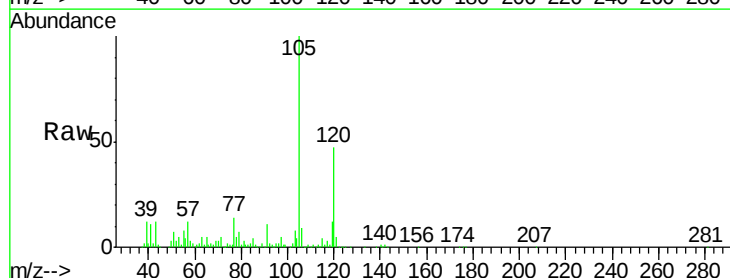
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-21-23-180621

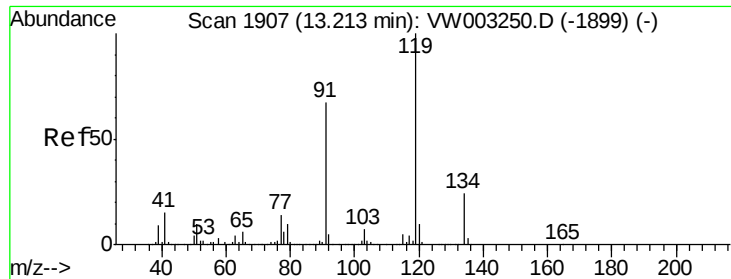
Tgt Ion: 75 Resp: 95544
Ion Ratio Lower Upper
75 100
53 0.4 82.9 124.3#
89 0.0 36.7 55.1#



#82
4-Chlorotoluene
Concen: 1.735 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. -0.05 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

Tgt Ion: 91 Resp: 13478
Ion Ratio Lower Upper
91 100
126 0.6 16.8 50.3#

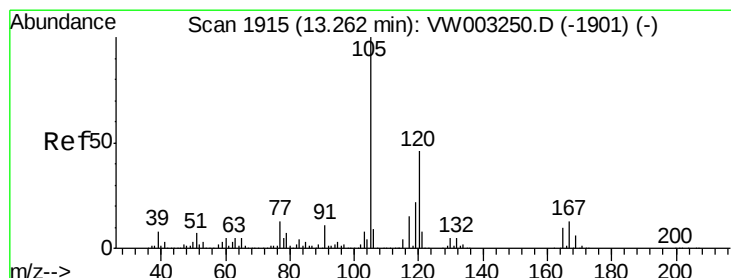
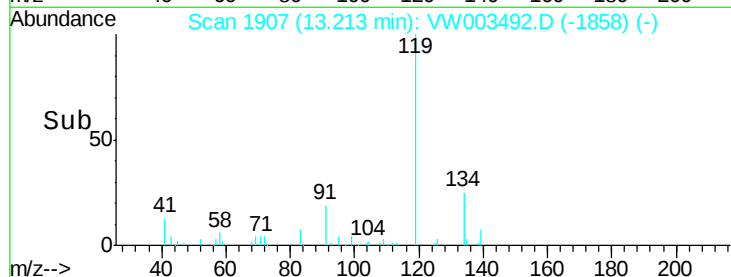
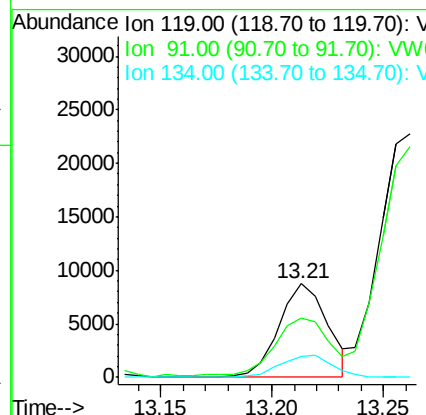
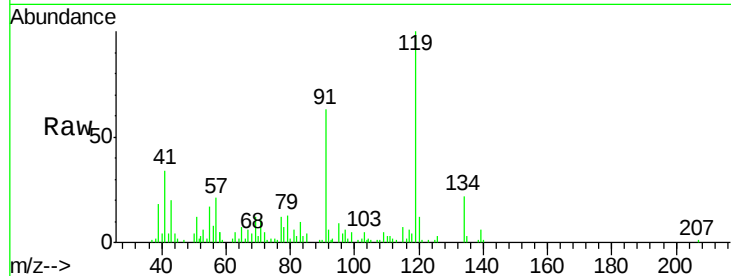




#83
tert-Butylbenzene
Concen: 1.754 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

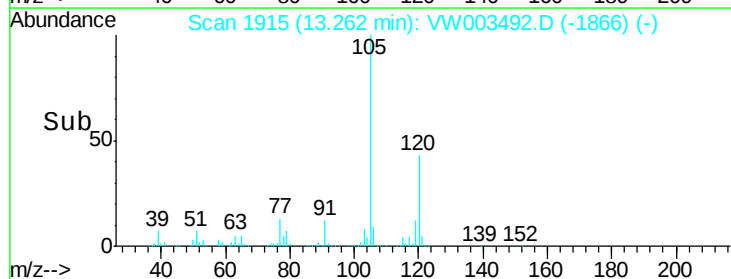
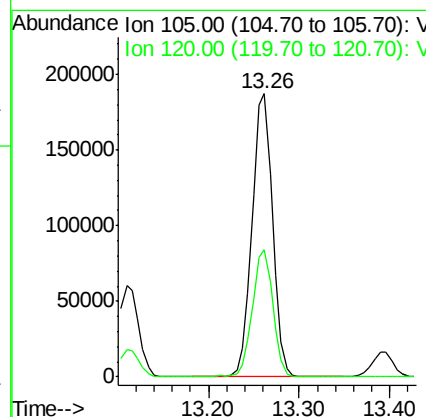
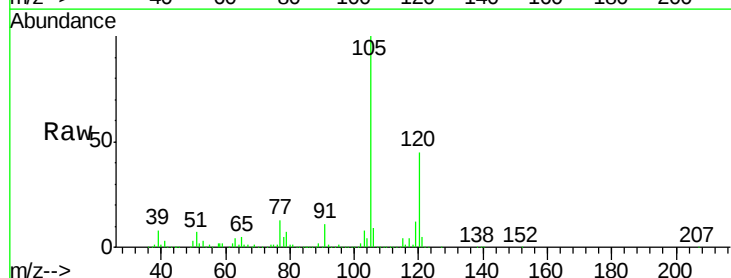
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-21-23-180621

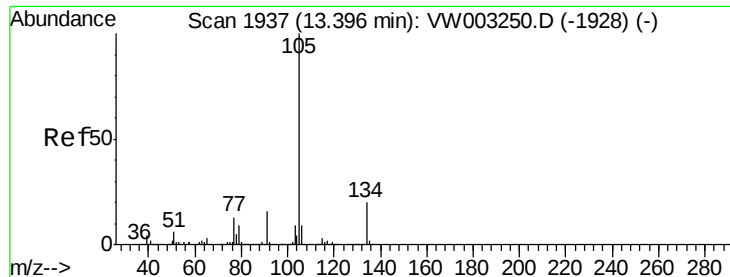
Tgt Ion:119 Resp: 13277
Ion Ratio Lower Upper
119 100
91 68.6 33.9 101.7
134 25.9 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 32.094 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003492.D
Acq: 24 Jun 2018 06:39

Tgt Ion:105 Resp: 293191
Ion Ratio Lower Upper
105 100
120 45.4 22.5 67.5

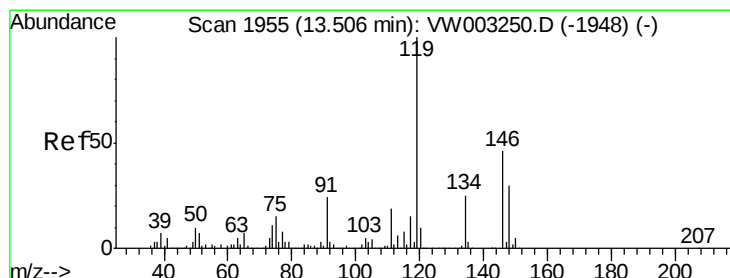
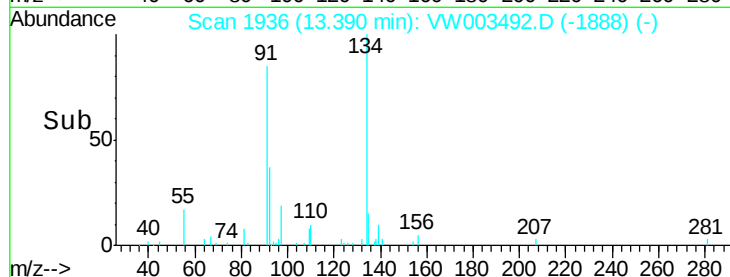
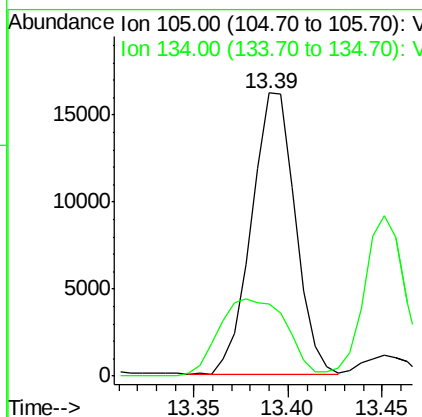
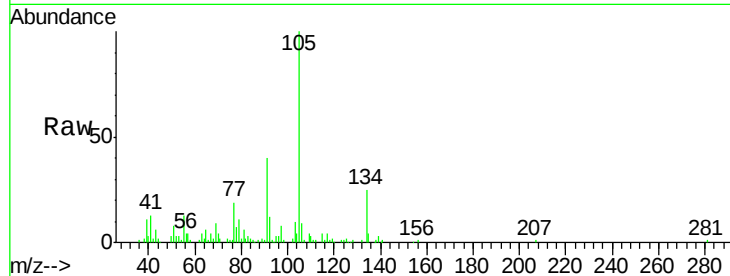




#85
 sec-Butylbenzene
 Concen: 2.317 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003492.D
 Acq: 24 Jun 2018 06:39

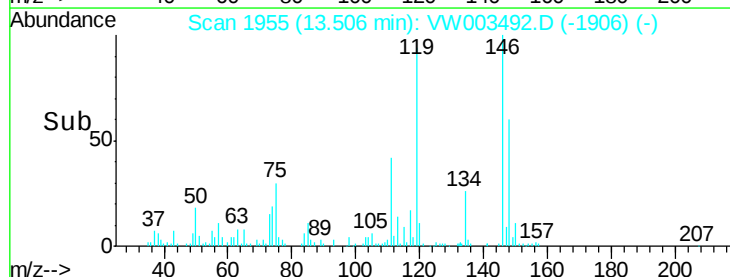
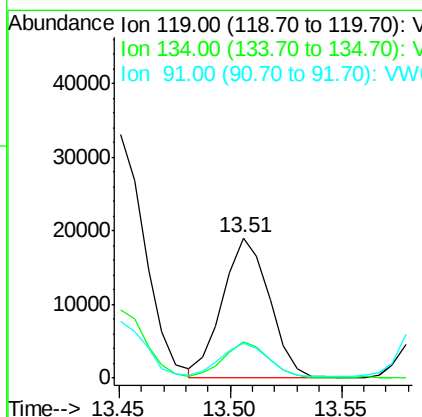
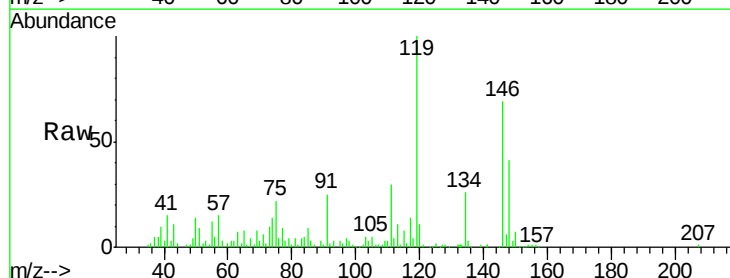
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-21-23-180621

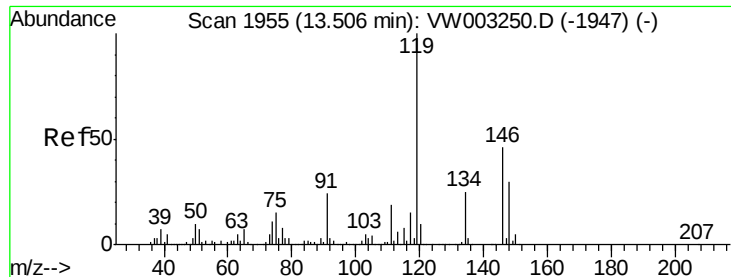
Tgt Ion:105 Resp: 26069
 Ion Ratio Lower Upper
 105 100
 134 42.2 9.8 29.5#



#86
 p-Isopropyltoluene
 Concen: 2.787 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003492.D
 Acq: 24 Jun 2018 06:39

Tgt Ion:119 Resp: 27656
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.7
 91 23.4 11.8 35.3

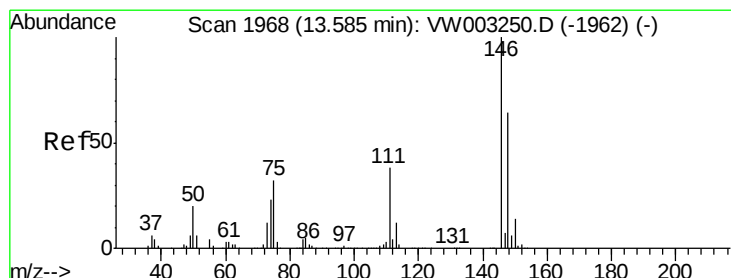
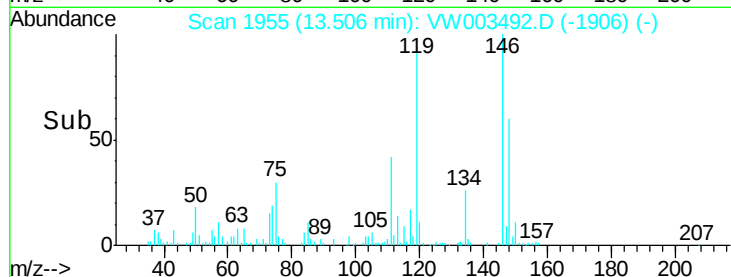
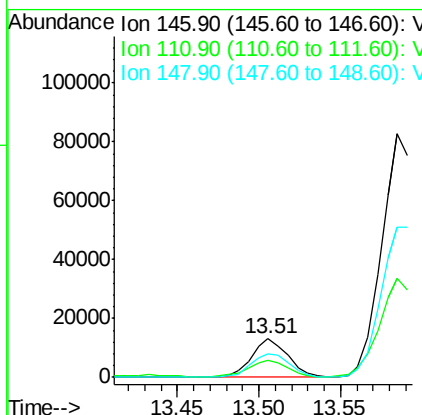
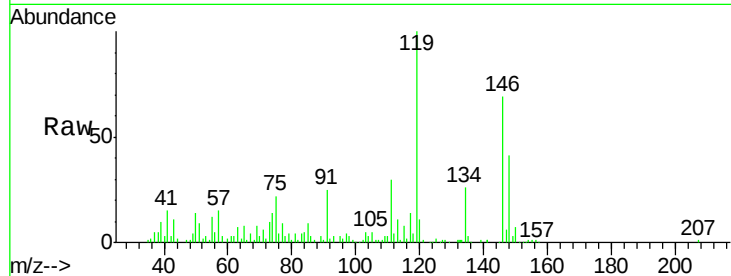




#87
 1,3-Dichlorobenzene
 Concen: 4.063 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003492.D
 Acq: 24 Jun 2018 06:39

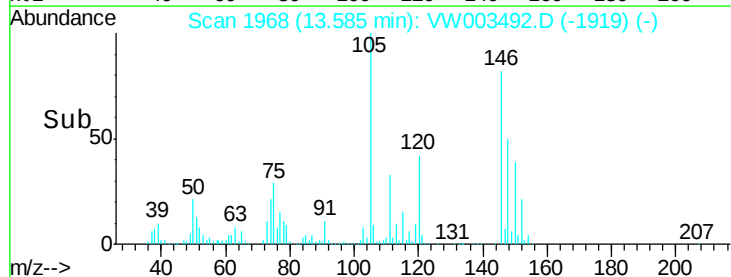
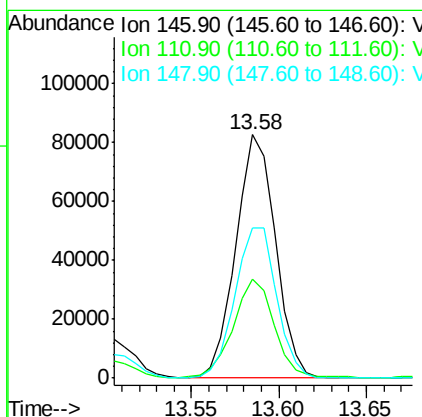
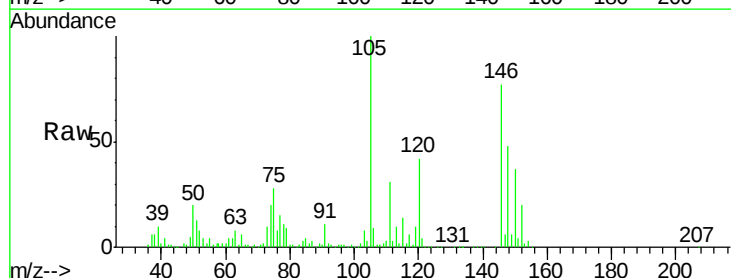
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-21-23-180621

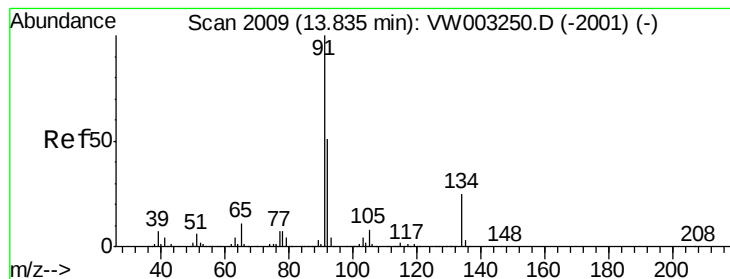
Tgt Ion:146 Resp: 20566
 Ion Ratio Lower Upper
 146 100
 111 44.0 19.8 59.4
 148 65.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 25.930 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003492.D
 Acq: 24 Jun 2018 06:39

Tgt Ion:146 Resp: 130485
 Ion Ratio Lower Upper
 146 100
 111 42.3 19.2 57.6
 148 64.9 31.8 95.4





#89

n-Butylbenzene

Concen: 1.859 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003492.D

Acq: 24 Jun 2018 06:39

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-21-23-180621

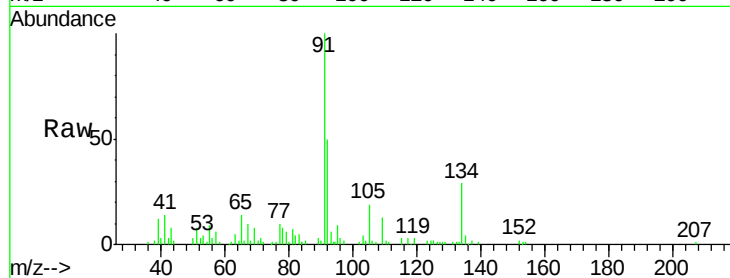
Tgt Ion: 91 Resp: 17983

Ion Ratio Lower Upper

91 100

92 65.4 26.0 78.0

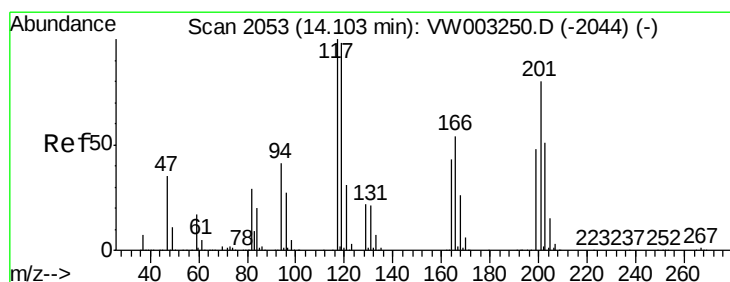
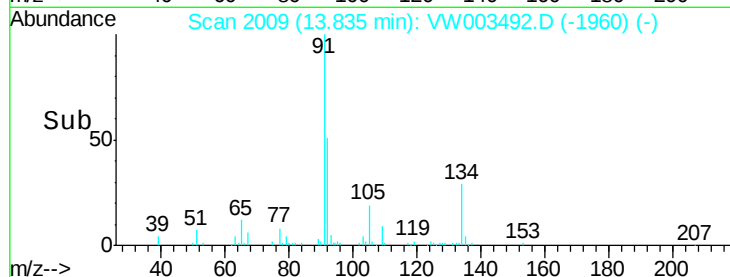
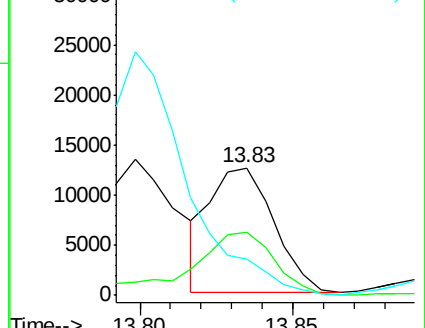
134 0.0 12.7 38.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 4.566 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VW003492.D

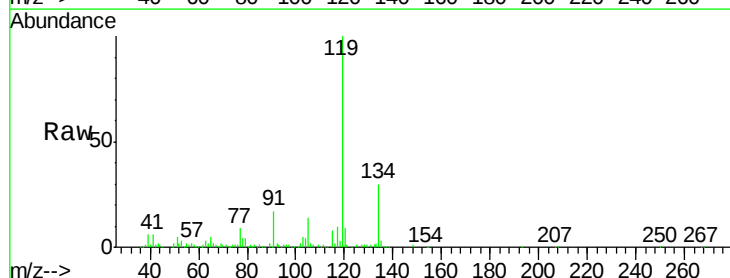
Acq: 24 Jun 2018 06:39

Tgt Ion: 117 Resp: 8195

Ion Ratio Lower Upper

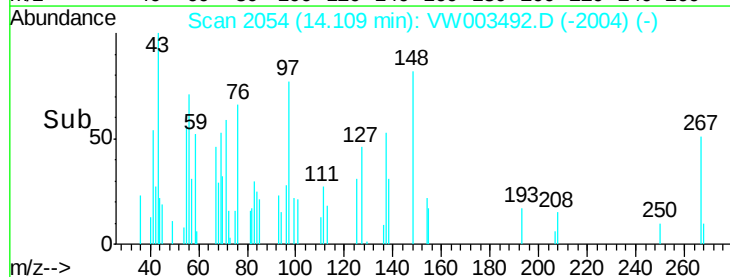
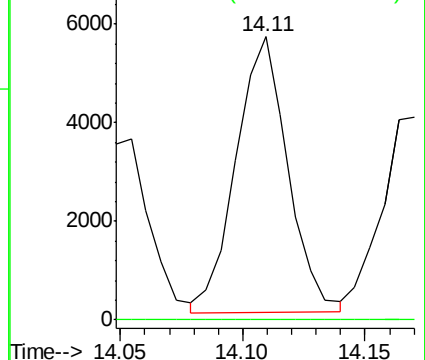
117 100

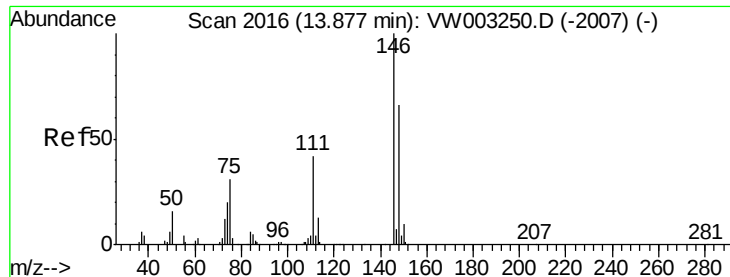
201 0.0 39.5 118.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

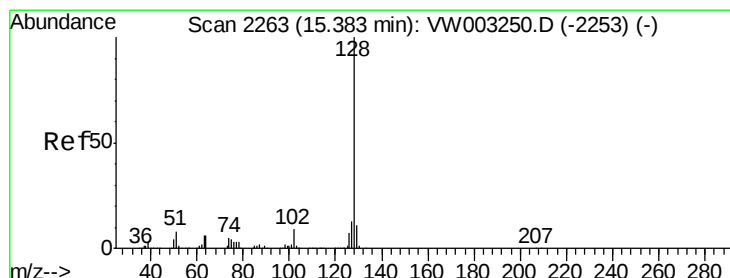
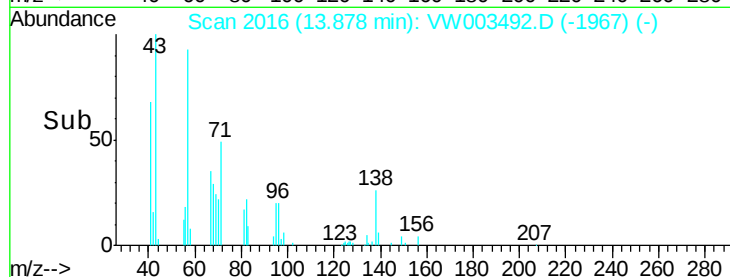
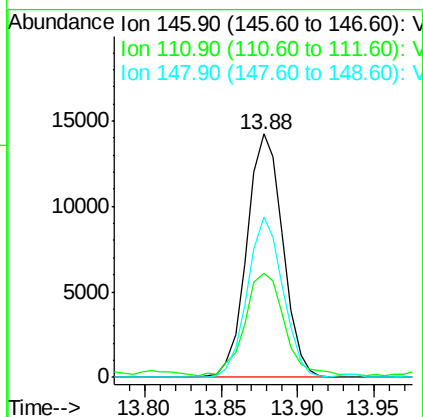
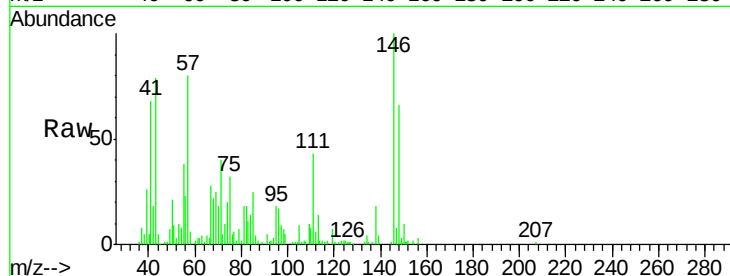




#91
 1,2-Dichlorobenzene
 Concen: 5.243 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003492.D
 Acq: 24 Jun 2018 06:39

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-21-23-180621

Tgt Ion:146 Resp: 23246
 Ion Ratio Lower Upper
 146 100
 111 47.1 20.3 61.0
 148 65.1 32.3 96.9



#95
 Naphthalene
 Concen: 14.889 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: VW003492.D
 Acq: 24 Jun 2018 06:39

Tgt Ion:128 Resp: 78614
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.5 15.7
 129 11.0 8.9 13.3

