

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003493.D
 Acq On : 24 Jun 2018 07:05
 Operator : SY/AP
 Sample : J3670-13
 Misc : 5.74G/5ML/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-23-25-180621

Quant Time: Jun 25 02:48:27 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	174718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	318196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	295504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	151224	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	122071	64.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	129.00%		
35) Dibromofluoromethane	7.89	113	104694	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.90%		
50) Toluene-d8	10.33	98	377589	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.32%		
62) 4-Bromofluorobenzene	12.62	95	152806	55.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	110.16%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.36	62	84260	43.309	ug/l	98
11) Tert butyl alcohol	5.25	59	975	9.606	ug/l	99
16) Acetone	4.15	43	32531	81.961	ug/l	99
17) Carbon Disulfide	4.37	76	25688	5.494	ug/l	97
20) Methylene Chloride	4.92	84	21033	9.502	ug/l	95
25) 2-Butanone	7.19	43	8741	17.711	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	54141	28.632	ug/l	93
29) Tetrahydrofuran	7.54	42	1332	4.416	ug/l #	85
31) Cyclohexane	7.95	56	7444	2.434	ug/l #	56
36) 1,1-Dichloropropene	7.95	75	14622	4.758	ug/l #	51
38) Carbon Tetrachloride	7.95	117	17667	5.861	ug/l #	15
39) Methylcyclohexane	9.34	83	34978	9.837	ug/l	96
40) Benzene	8.33	78	505431	59.670	ug/l	98
41) Methacrylonitrile	7.55	41	1131	1.448	ug/l #	49
42) 1,2-Dichloroethane	8.34	62	4908	1.849	ug/l	86
43) Isopropyl Acetate	8.49	43	5969	2.361	ug/l #	53
49) 1,4-Dioxane	9.51	88	123	7.378	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	22682	17.610	ug/l	98
52) Toluene	10.39	92	515462	94.898	ug/l	98
53) t-1,3-Dichloropropene	10.39	75	6609	2.286	ug/l #	1
55) 1,1,2-Trichloroethane	10.76	97	5695	3.660	ug/l #	22
56) Ethyl methacrylate	10.67	69	2736	1.448	ug/l #	5
59) 2-Hexanone	10.94	43	8158	9.066	ug/l #	32
65) Chlorobenzene	11.66	112	4091750	664.933	ug/l	100
67) Ethyl Benzene	11.74	91	228928	20.987	ug/l	98
68) m/p-Xylenes	11.84	106	220433	53.160	ug/l	100
69) o-Xylene	12.17	106	52359	13.625	ug/l	97
73) Isopropylbenzene	12.47	105	106870	10.160	ug/l	99
74) N-amyl acetate	12.26	43	19691	8.225	ug/l #	62
76) 1,2,3-Trichloropropane	12.87	75	6418	4.964	ug/l #	100
78) n-propylbenzene	12.81	91	262205	20.358	ug/l	100
79) 2-Chlorotoluene	12.88	91	86336	11.862	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.95	105	787325	89.178	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	79397	141.320	ug/l #	9

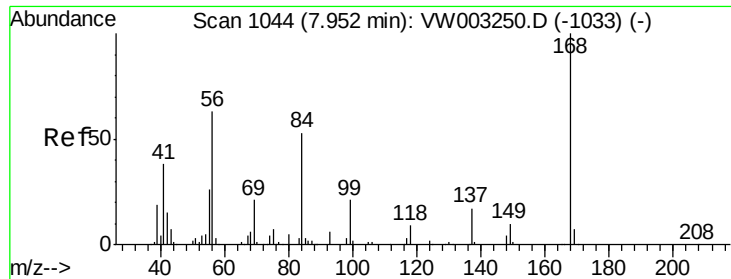
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.95	91	82519	10.687	ug/l #	43
83) tert-Butylbenzene	13.21	119	75071	9.977	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	2182225	240.285	ug/l	100
85) sec-Butylbenzene	13.39	105	229837	20.551	ug/l #	41
86) p-Isopropyltoluene	13.51	119	200857	20.363	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	87682	17.424	ug/l	97
88) 1,4-Dichlorobenzene	13.59	146	640704	128.071	ug/l	99
89) n-Butylbenzene	13.83	91	181112	18.836	ug/l #	71
90) Hexachloroethane	14.11	117	51803	29.031	ug/l #	10
91) 1,2-Dichlorobenzene	13.88	146	275985	62.610	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	831	2.775	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.15	180	5261	1.700	ug/l #	1
95) Naphthalene	15.38	128	382461	72.861	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: VW003493.D

Acq: 24 Jun 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

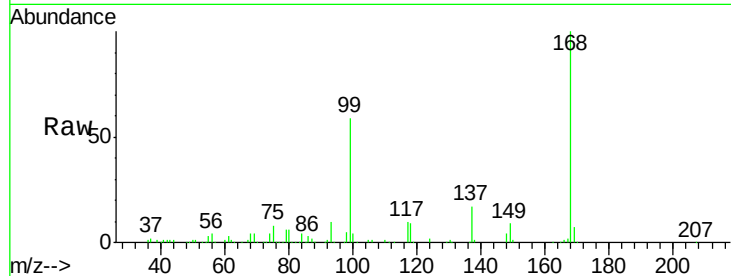
WP021SB477-23-25-180621

Tgt Ion:168 Resp: 174718

Ion Ratio Lower Upper

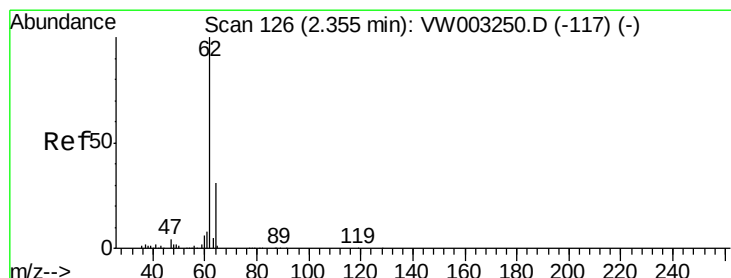
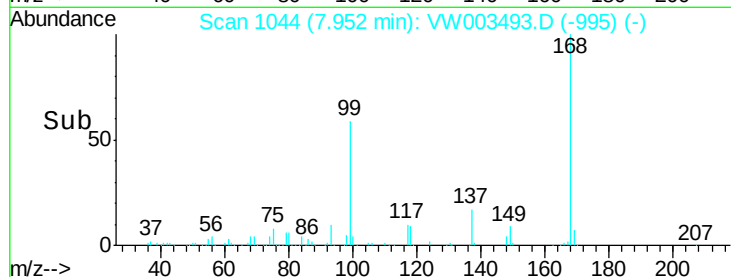
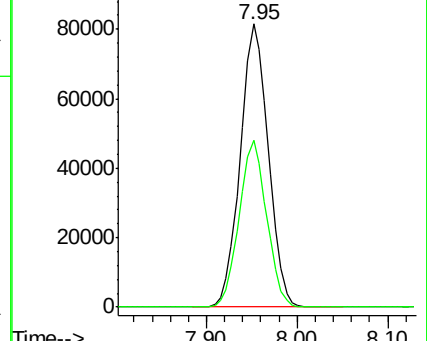
168 100

99 59.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#4

Vinyl Chloride

Concen: 43.309 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003493.D

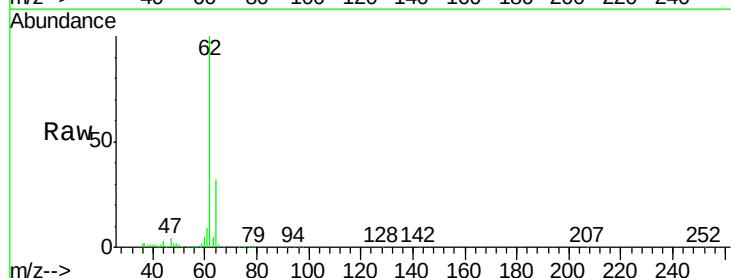
Acq: 24 Jun 2018 07:05

Tgt Ion: 62 Resp: 84260

Ion Ratio Lower Upper

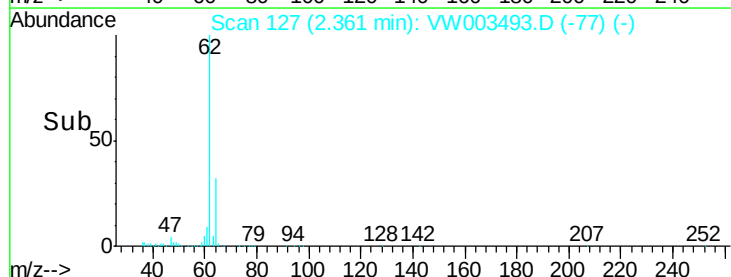
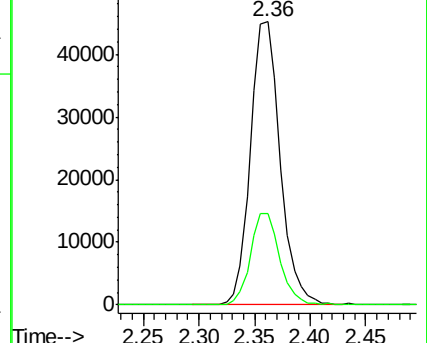
62 100

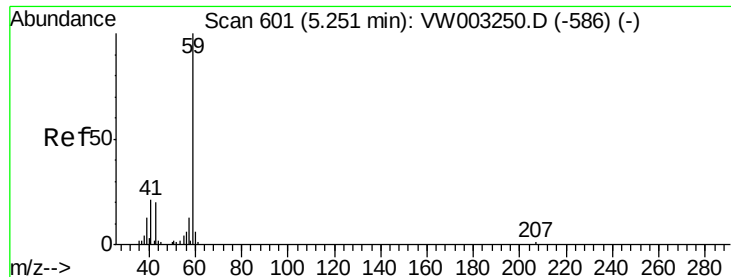
64 32.1 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

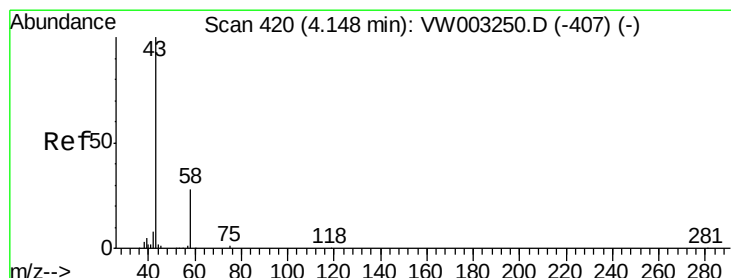
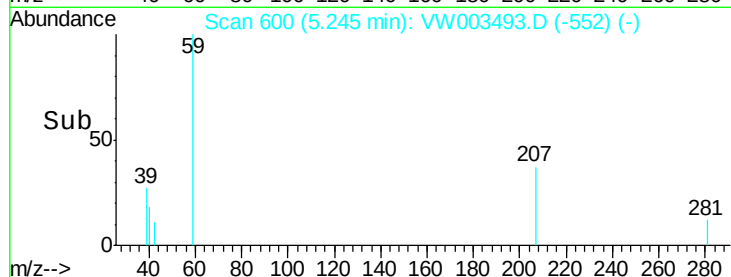
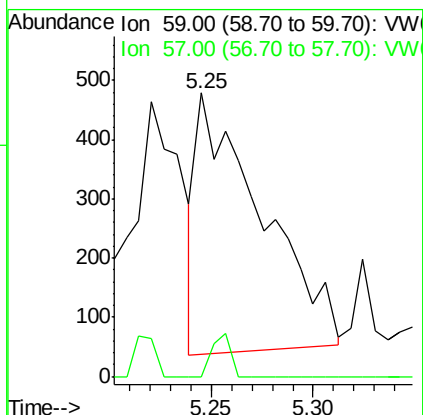
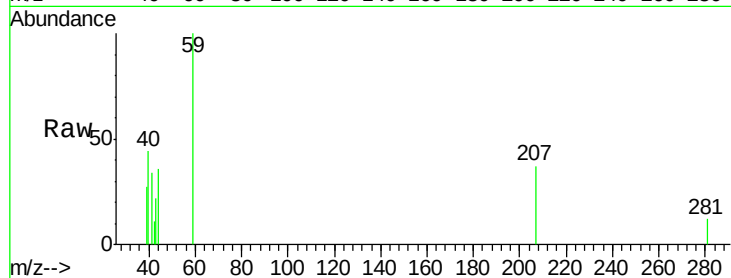




#11
Tert butyl alcohol
Concen: 9.606 ug/l
RT: 5.25 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

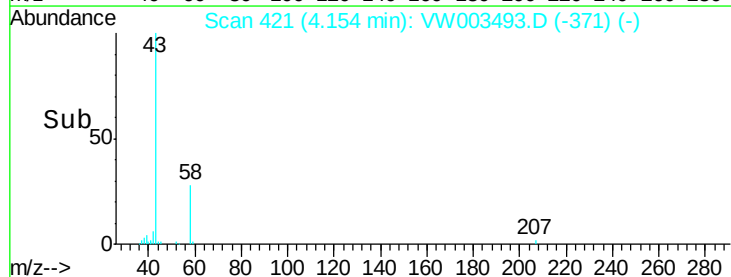
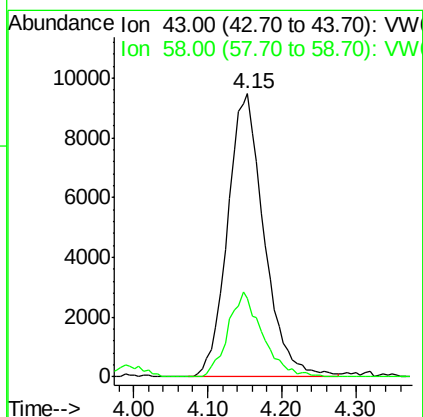
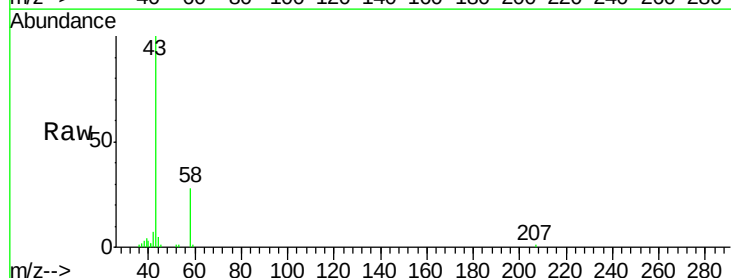
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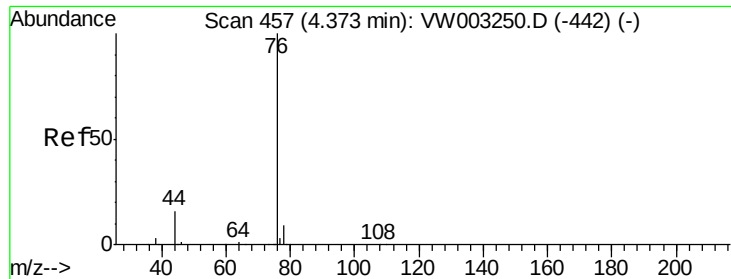
Tgt Ion: 59 Resp: 975
Ion Ratio Lower Upper
59 100
57 4.8 4.2 6.2



#16
Acetone
Concen: 81.961 ug/l
RT: 4.15 min Scan# 421
Delta R.T. 0.01 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

Tgt Ion: 43 Resp: 32531
Ion Ratio Lower Upper
43 100
58 27.8 22.6 34.0

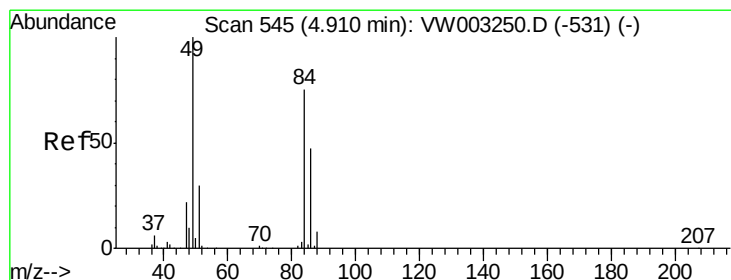
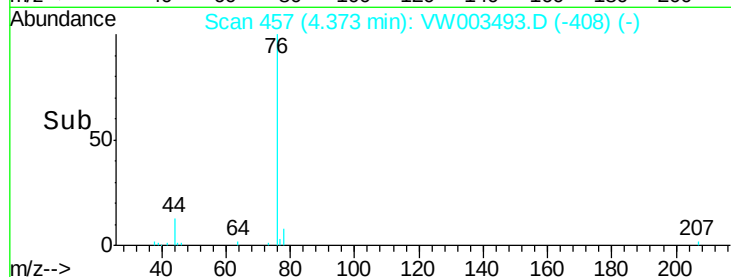
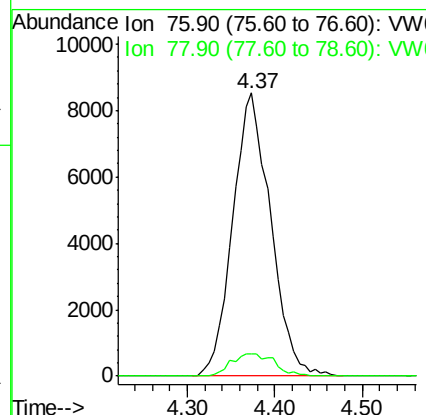
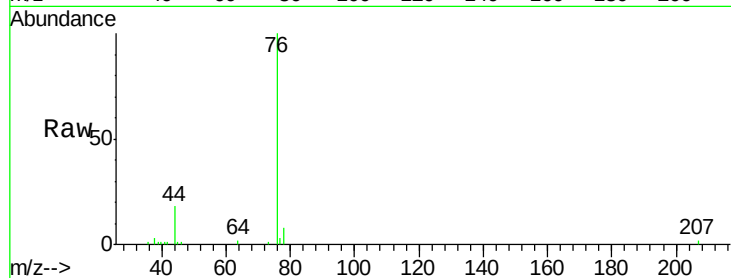




#17
Carbon Disulfide
Concen: 5.494 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

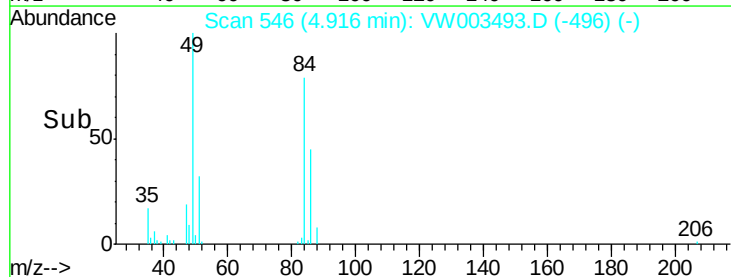
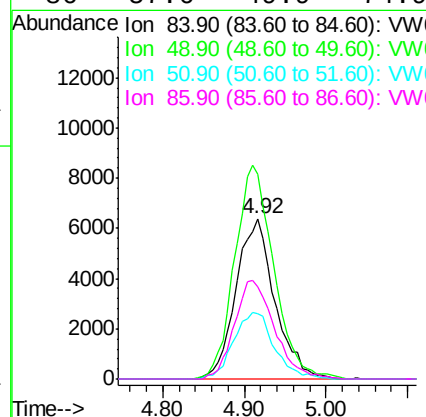
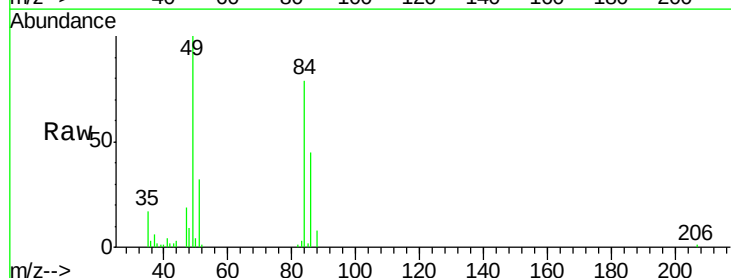
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ClientSampleId :
WP021SB477-23-25-180621

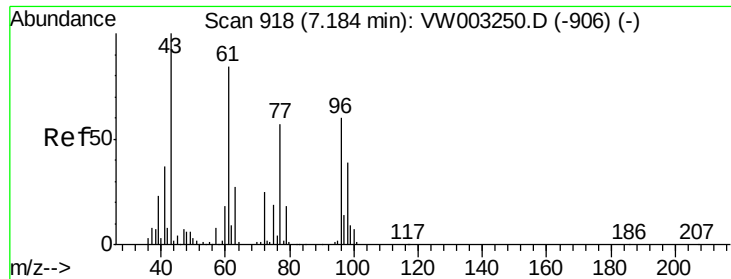
Tgt Ion: 76 Resp: 25688
Ion Ratio Lower Upper
76 100
78 7.8 7.1 10.7



#20
Methylene Chloride
Concen: 9.502 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

Tgt Ion: 84 Resp: 21033
Ion Ratio Lower Upper
84 100
49 127.3 106.3 159.5
51 40.5 32.0 48.0
86 57.6 49.9 74.9





#25

2-Butanone

Concen: 17.711 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

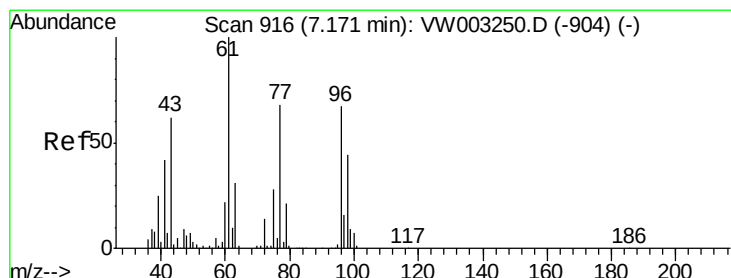
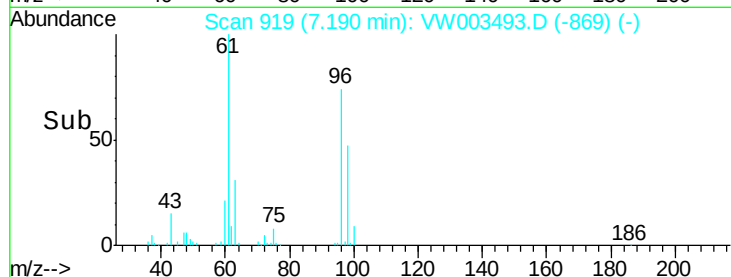
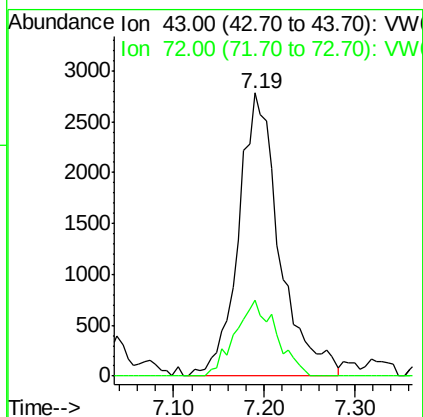
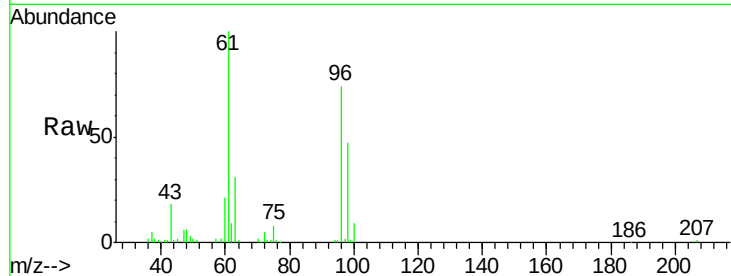
WP021SB477-23-25-180621

Tgt Ion: 43 Resp: 8741

Ion Ratio Lower Upper

43 100

72 26.8 20.3 30.5



#27

cis-1,2-Dichloroethene

Concen: 28.632 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

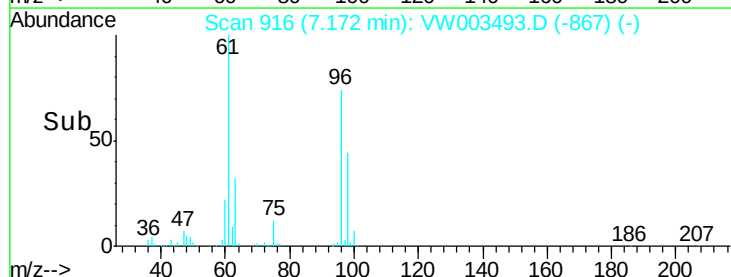
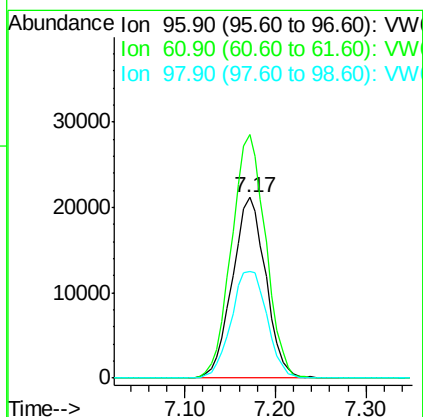
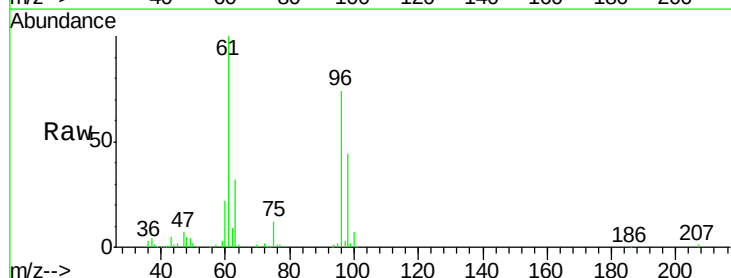
Tgt Ion: 96 Resp: 54141

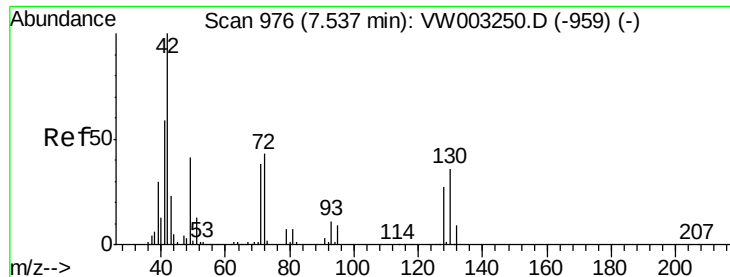
Ion Ratio Lower Upper

96 100

61 137.3 0.0 298.8

98 63.3 0.0 130.4

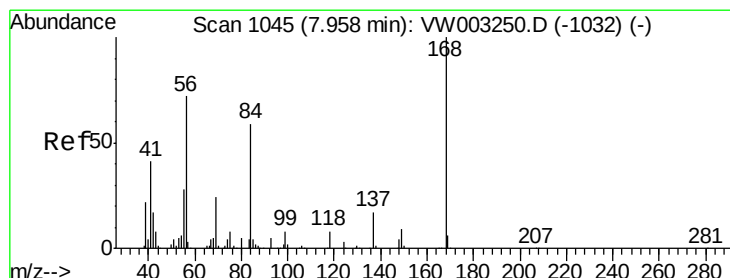
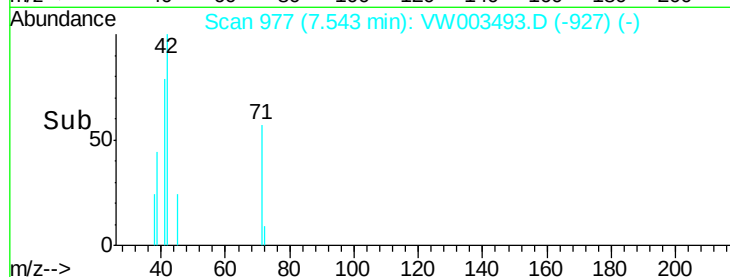
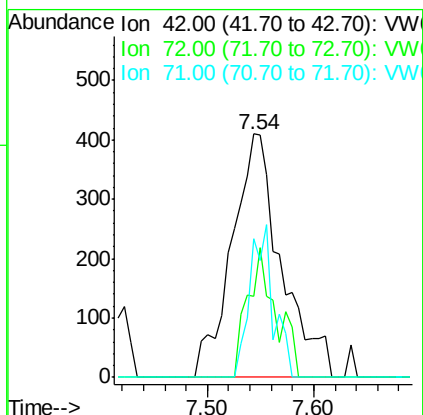
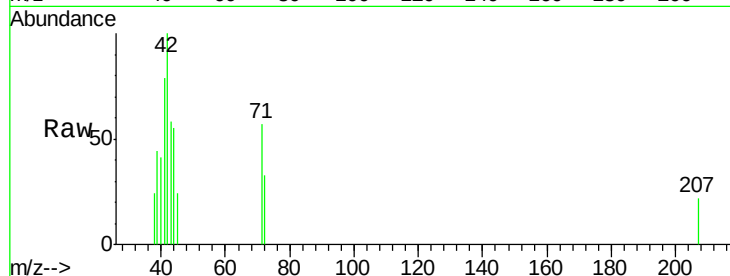




#29
Tetrahydrofuran
Concen: 4.416 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

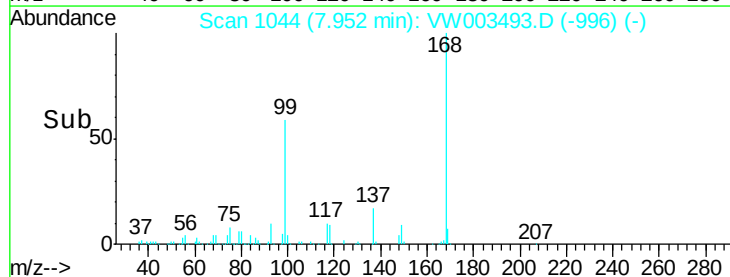
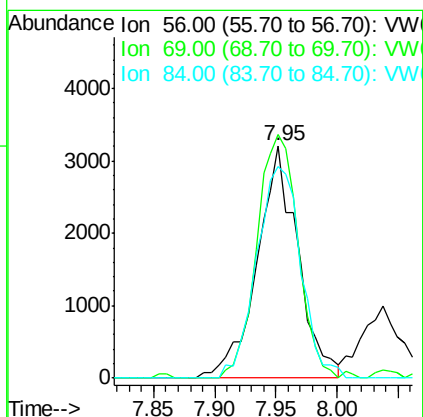
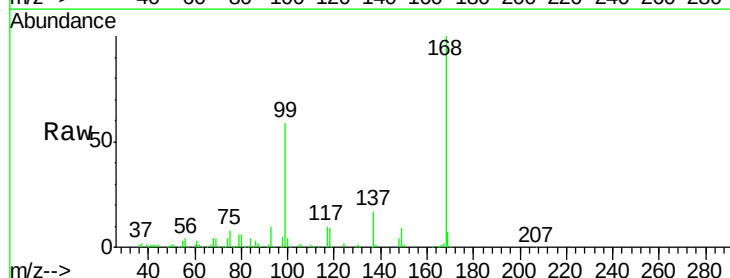
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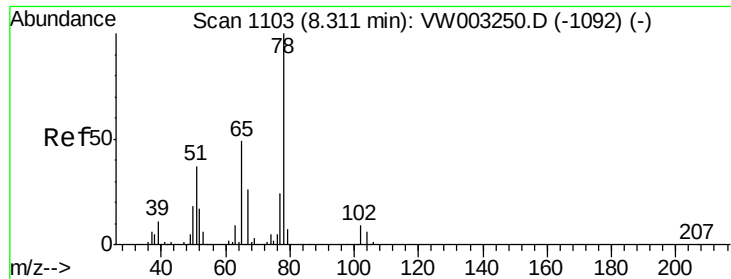
Tgt Ion: 42 Resp: 1332
Ion Ratio Lower Upper
42 100
72 30.8 32.4 48.6#
71 30.0 31.2 46.8#



#31
Cyclohexane
Concen: 2.434 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

Tgt Ion: 56 Resp: 7444
Ion Ratio Lower Upper
56 100
69 104.7 26.3 39.5#
84 91.1 65.7 98.5

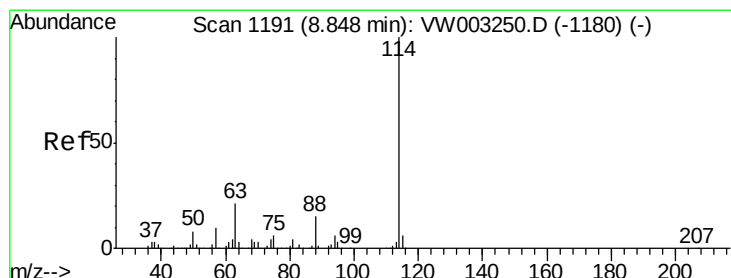
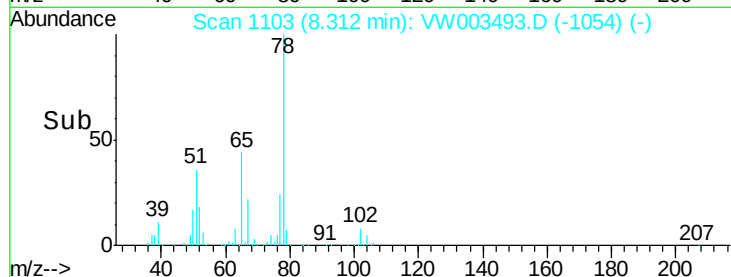
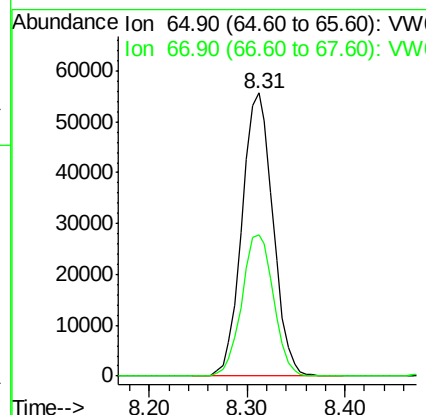
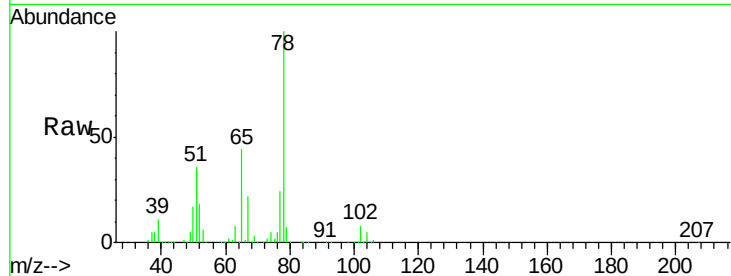




#33
 1,2-Dichloroethane-d4
 Concen: 64.504 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003493.D
 Acq: 24 Jun 2018 07:05

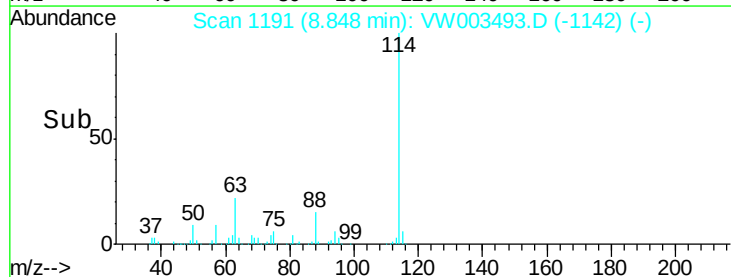
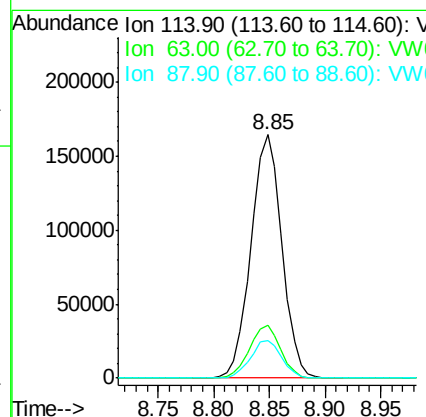
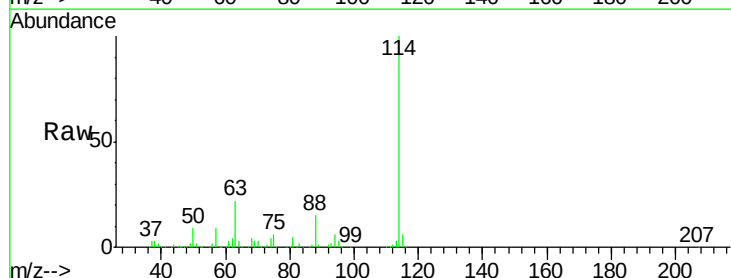
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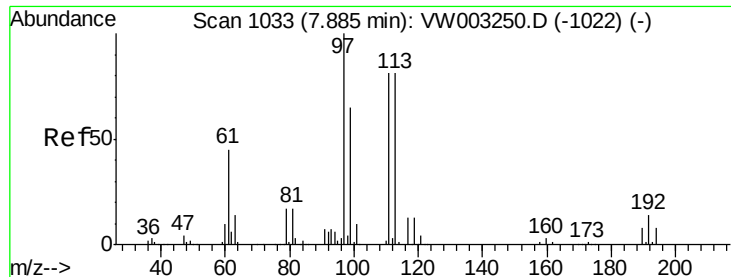
Tgt Ion: 65 Resp: 122071
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003493.D
 Acq: 24 Jun 2018 07:05

Tgt Ion: 114 Resp: 318196
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.0
 88 15.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 52.951 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

Instrument :

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ClientSampleId :

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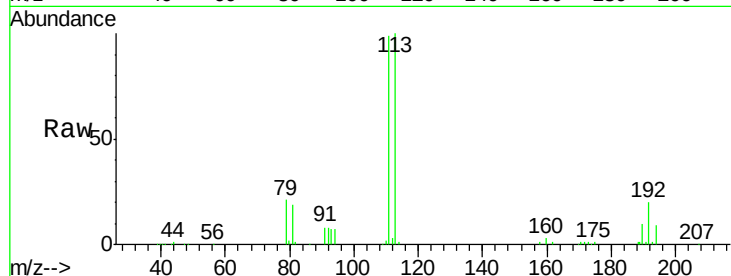
Tgt Ion:113 Resp: 104694

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

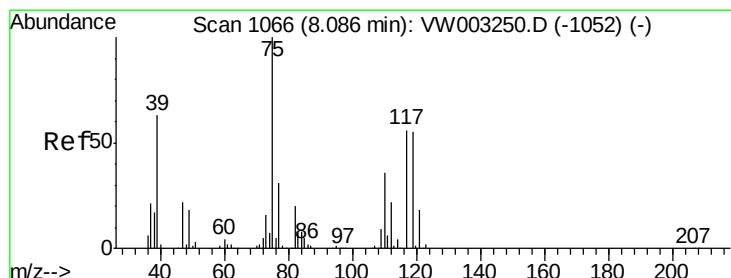
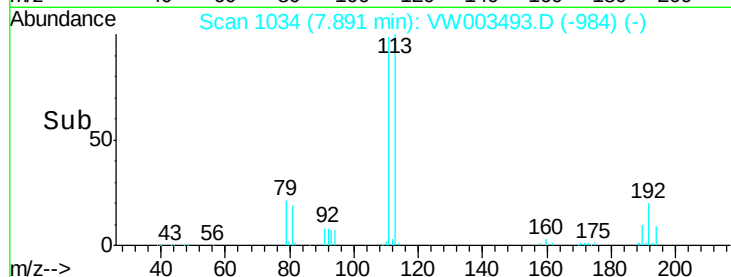
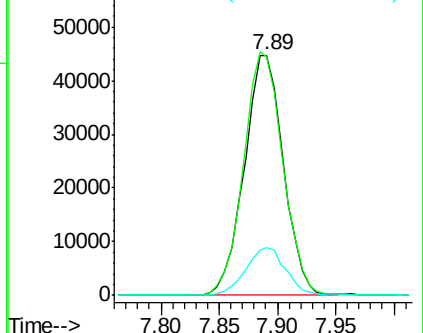
192 20.1 16.2 24.2



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: 4.758 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

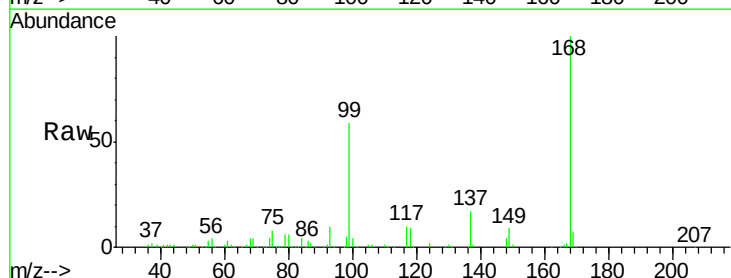
Tgt Ion: 75 Resp: 14622

Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.3#

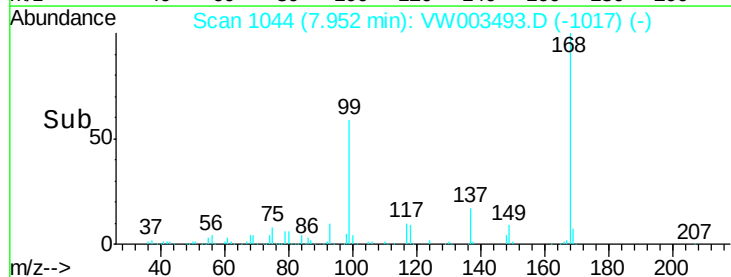
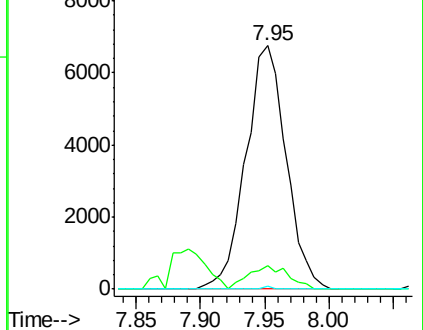
77 0.0 24.9 37.3#

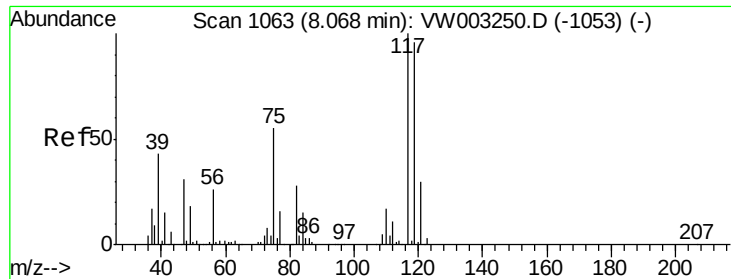


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.861 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

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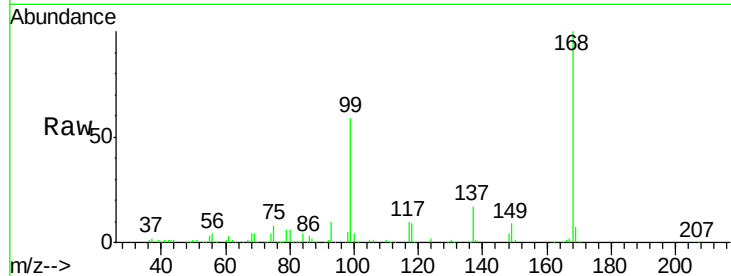
Tgt Ion:117 Resp: 17667

Ion Ratio Lower Upper

117 100

119 4.1 76.6 115.0#

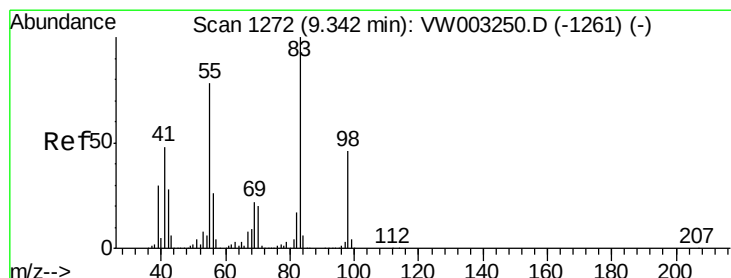
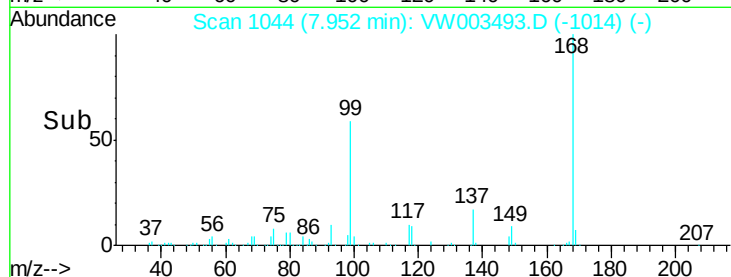
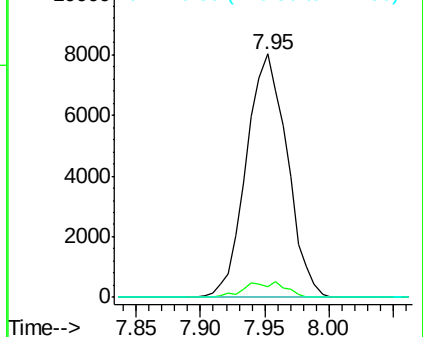
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 9.837 ug/l

RT: 9.34 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

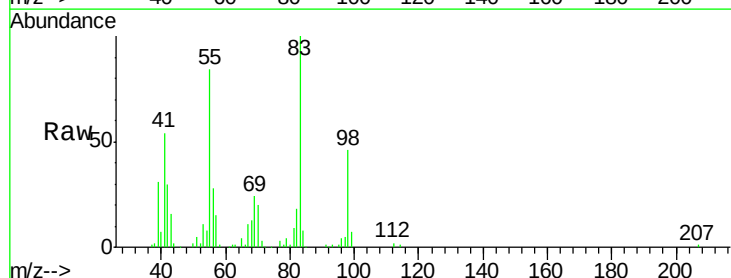
Tgt Ion: 83 Resp: 34978

Ion Ratio Lower Upper

83 100

55 83.8 62.6 93.8

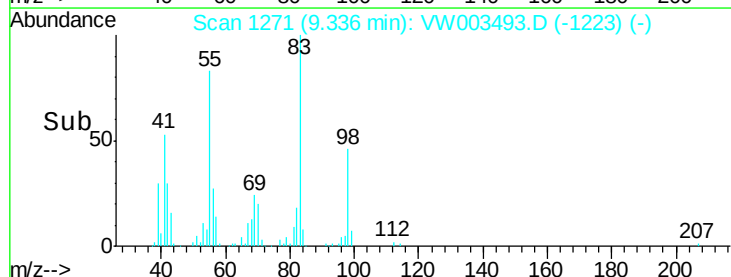
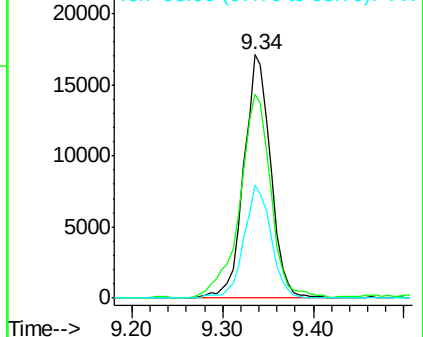
98 46.3 37.0 55.4

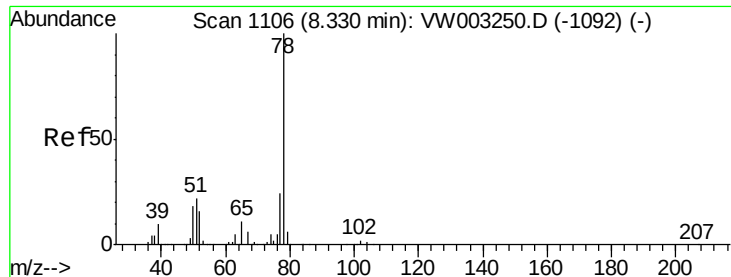


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 59.670 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

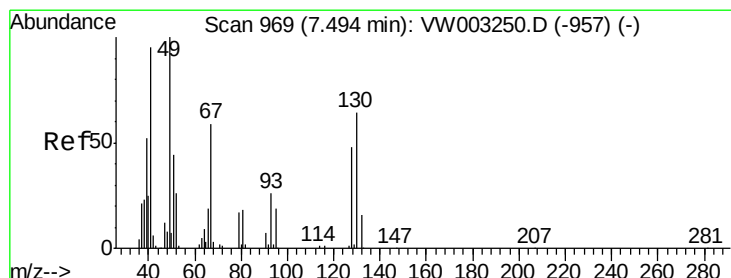
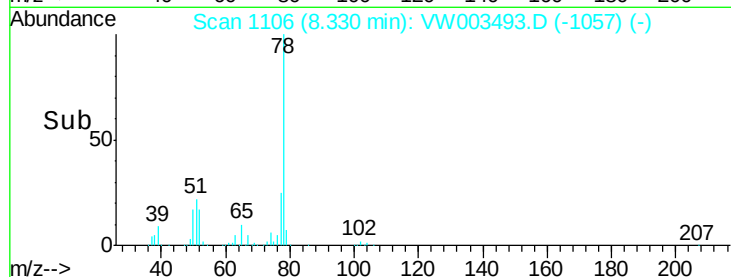
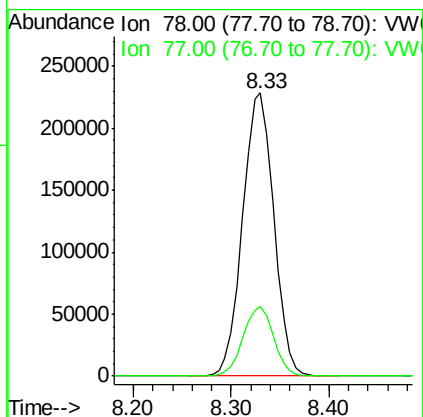
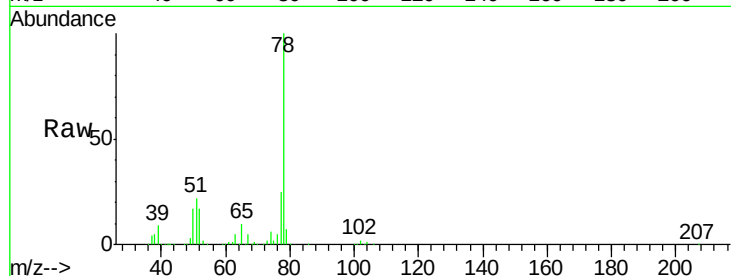
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Tgt Ion: 78 Resp: 505431

Ion Ratio Lower Upper

78 100

77 24.8 19.0 28.6



#41

Methacrylonitrile

Concen: 1.448 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.06 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

Tgt Ion: 41 Resp: 1131

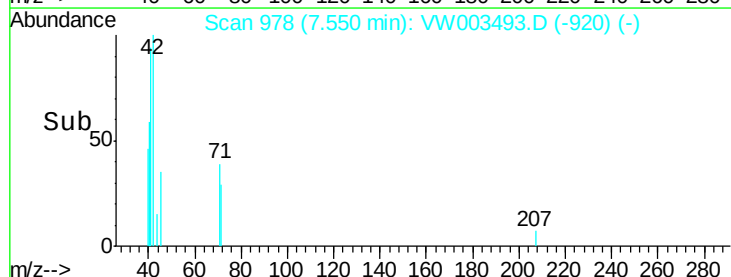
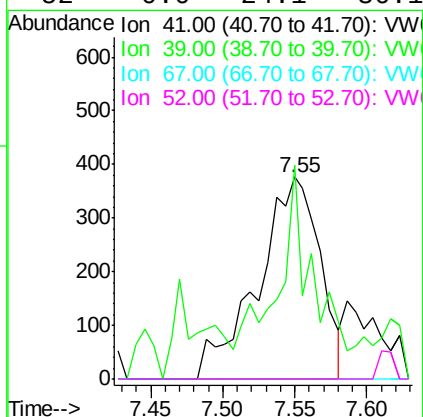
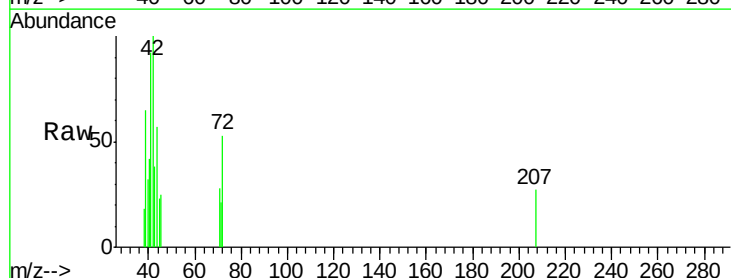
Ion Ratio Lower Upper

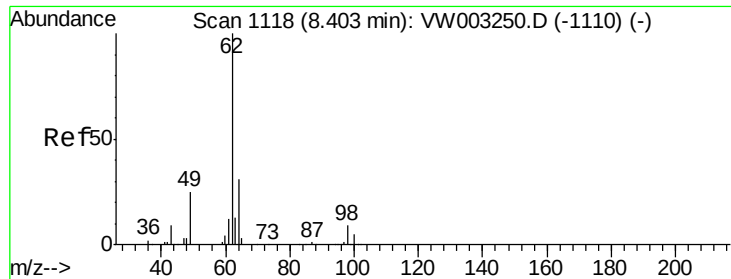
41 100

39 67.2 45.8 68.8

67 0.0 52.3 78.5#

52 0.0 24.1 36.1#

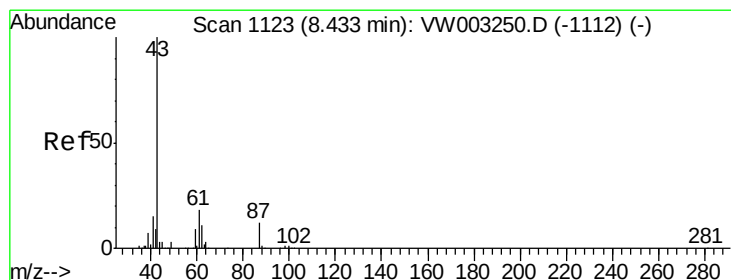
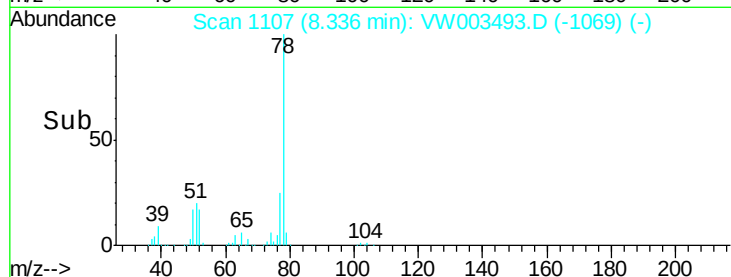
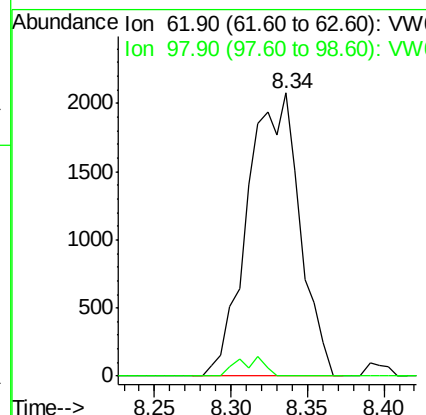
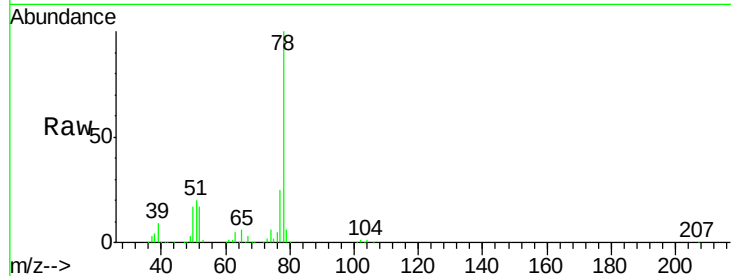




#42
 1,2-Dichloroethane
 Concen: 1.849 ug/l
 RT: 8.34 min Scan# 1107
 Delta R.T. -0.07 min
 Lab File: VW003493.D
 Acq: 24 Jun 2018 07:05

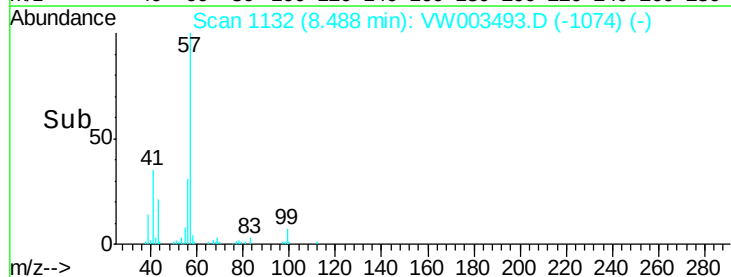
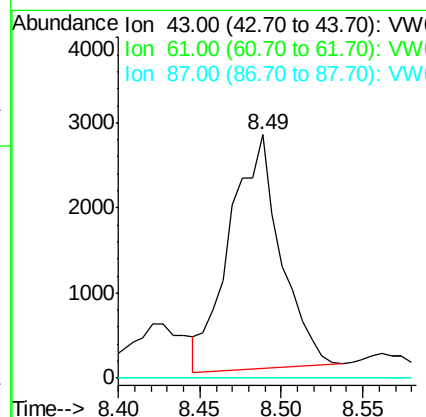
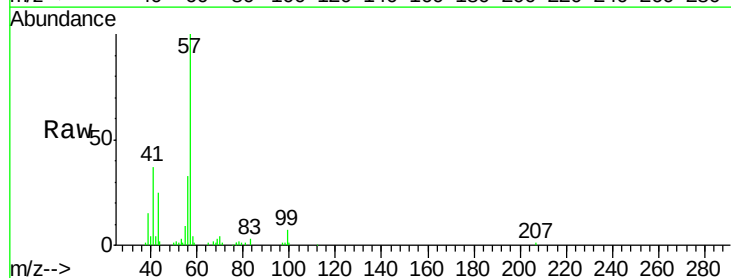
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-23-25-180621

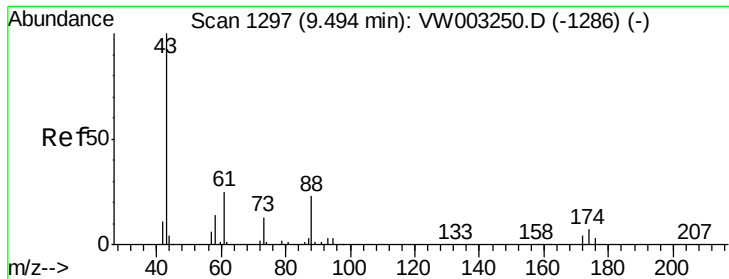
Tgt Ion: 62 Resp: 4908
 Ion Ratio Lower Upper
 62 100
 98 3.5 0.0 17.2



#43
 Isopropyl Acetate
 Concen: 2.361 ug/l
 RT: 8.49 min Scan# 1132
 Delta R.T. 0.06 min
 Lab File: VW003493.D
 Acq: 24 Jun 2018 07:05

Tgt Ion: 43 Resp: 5969
 Ion Ratio Lower Upper
 43 100
 61 0.0 23.1 34.7#
 87 0.0 9.8 14.6#





#49

1,4-Dioxane

Concen: 7.378 ug/l

RT: 9.51 min Scan# 1299

Delta R.T. 0.01 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-23-25-180621

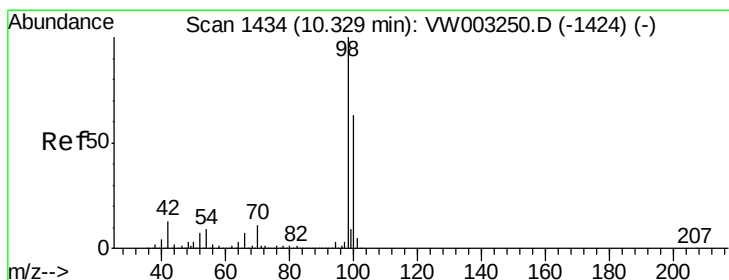
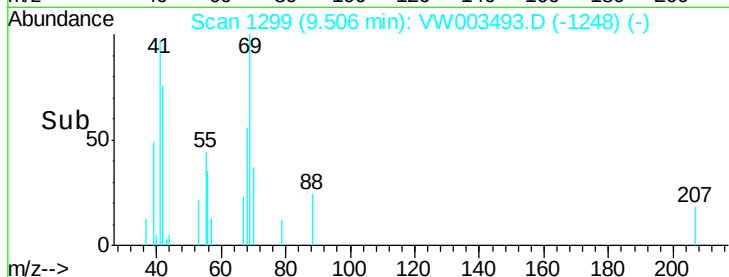
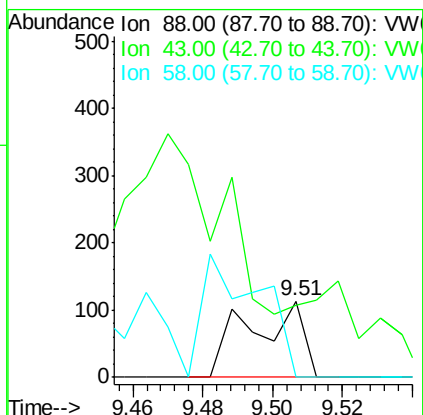
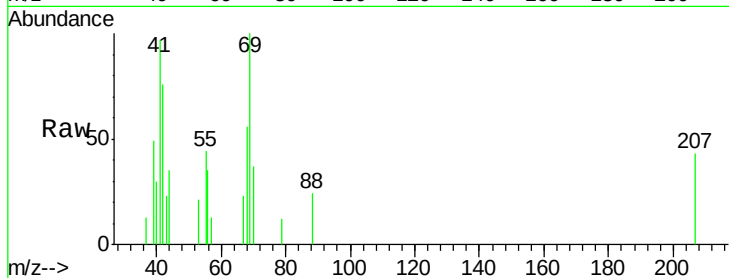
Tgt Ion: 88 Resp: 123

Ion Ratio Lower Upper

88 100

43 0.0 454.7 682.1#

58 0.0 58.6 88.0#



#50

Toluene-d8

Concen: 48.162 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003493.D

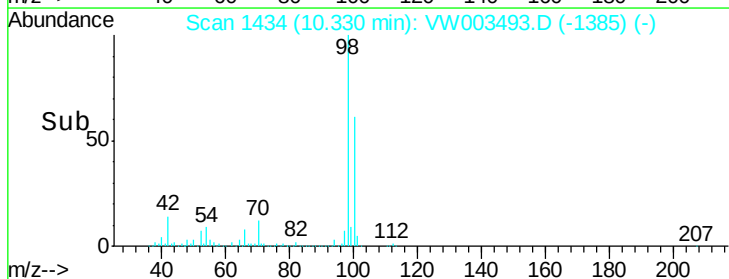
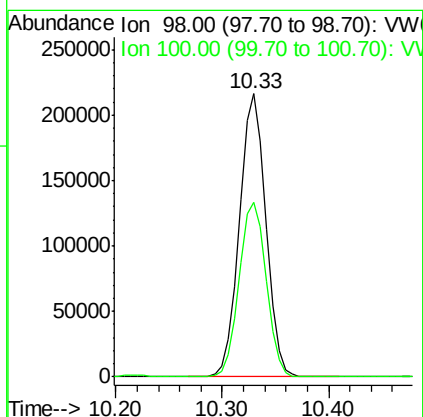
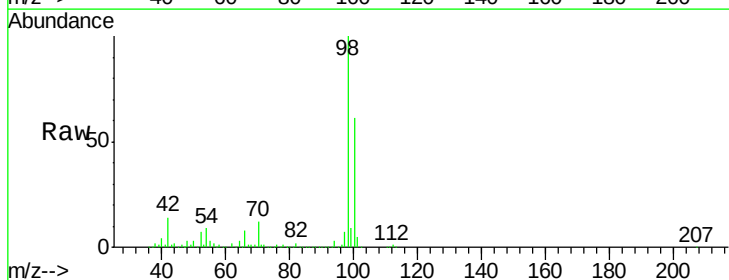
Acq: 24 Jun 2018 07:05

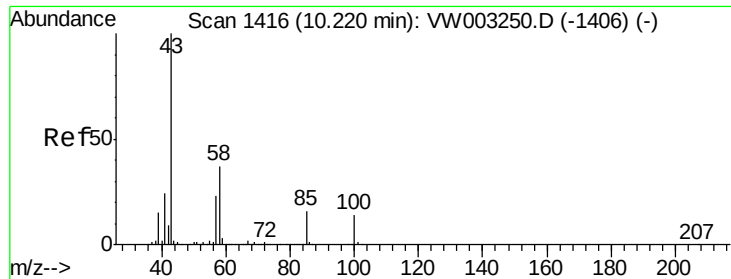
Tgt Ion: 98 Resp: 377589

Ion Ratio Lower Upper

98 100

100 63.3 50.8 76.2

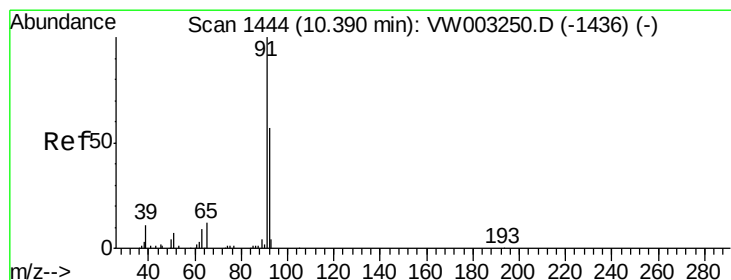
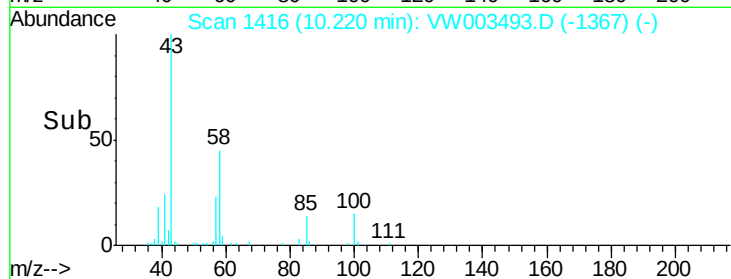
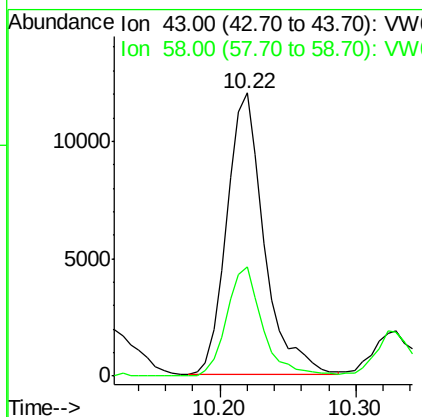
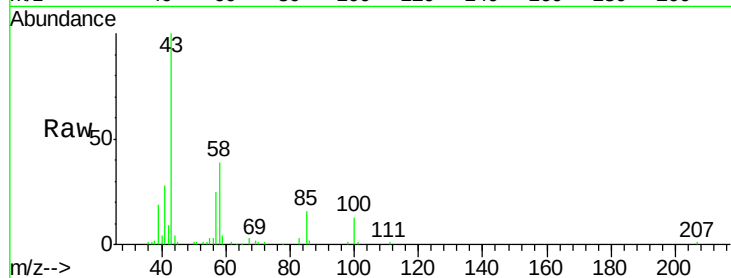




#51
 4-Methyl-2-Pentanone
 Concen: 17.610 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003493.D
 Acq: 24 Jun 2018 07:05

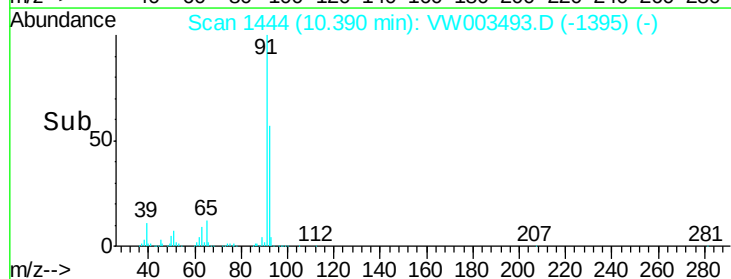
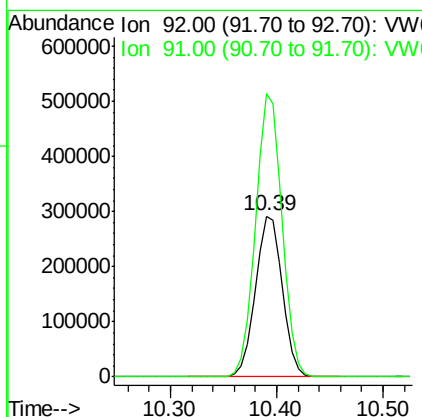
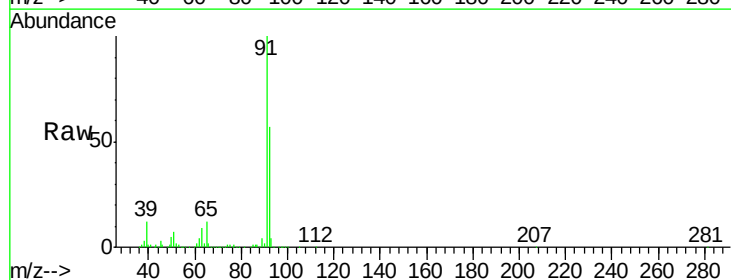
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-23-25-180621

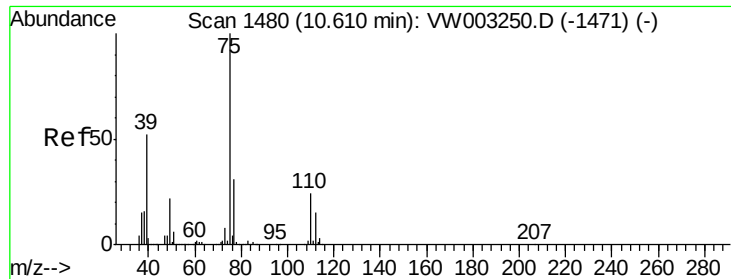
Tgt Ion: 43 Resp: 22682
 Ion Ratio Lower Upper
 43 100
 58 37.6 29.0 43.4



#52
 Toluene
 Concen: 94.898 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003493.D
 Acq: 24 Jun 2018 07:05

Tgt Ion: 92 Resp: 515462
 Ion Ratio Lower Upper
 92 100
 91 173.8 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 2.286 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.22 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

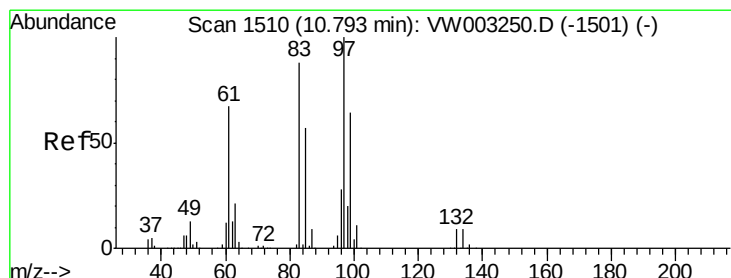
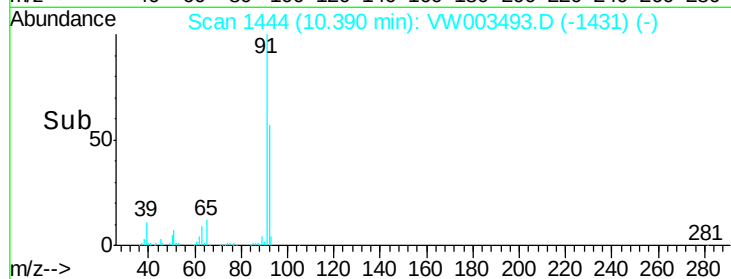
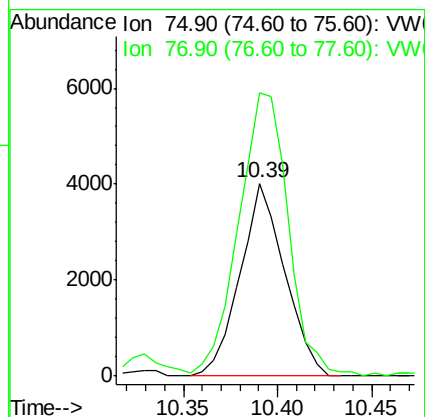
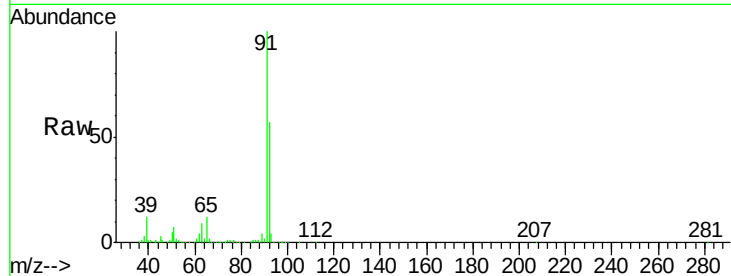
WP021SB477-23-25-180621

Tgt Ion: 75 Resp: 6609

Ion Ratio Lower Upper

75 100

77 145.3 24.9 37.3#



#55

1,1,2-Trichloroethane

Concen: 3.660 ug/l

RT: 10.76 min Scan# 1505

Delta R.T. -0.03 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

Tgt Ion: 97 Resp: 5695

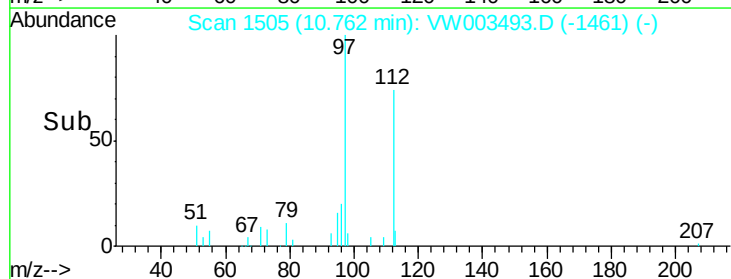
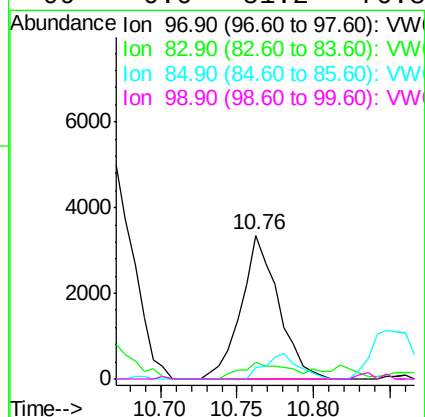
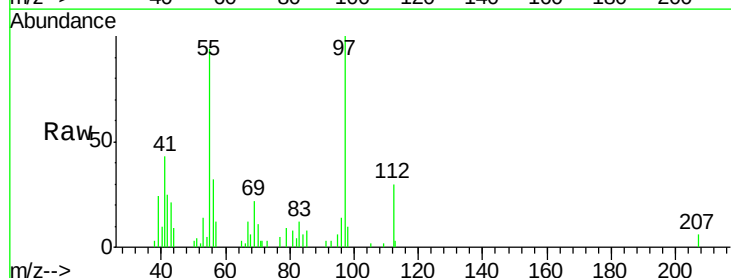
Ion Ratio Lower Upper

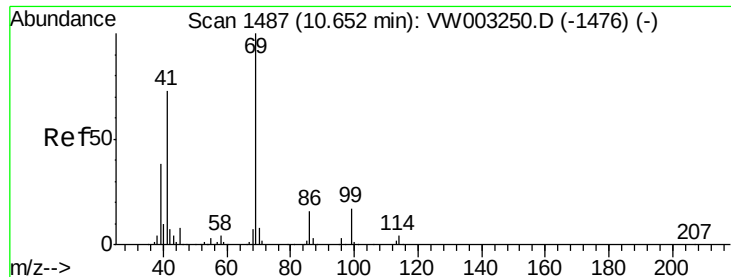
97 100

83 11.6 70.2 105.2#

85 8.3 45.6 68.4#

99 0.0 51.2 76.8#





#56

Ethyl methacrylate

Concen: 1.448 ug/l

RT: 10.67 min Scan# 1490

Delta R.T. 0.02 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-23-25-180621

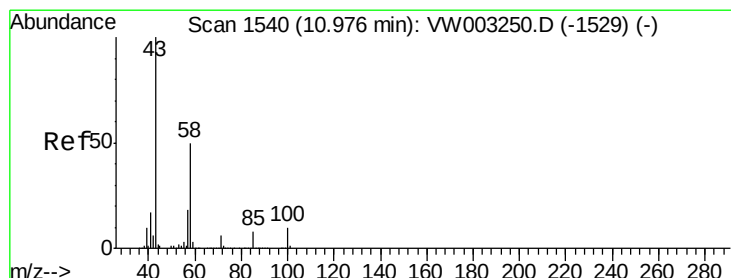
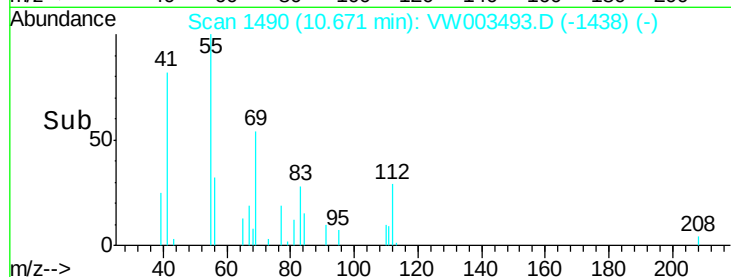
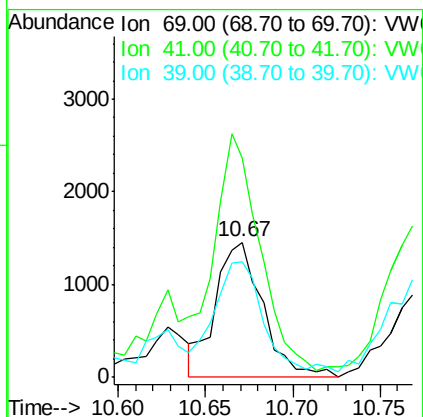
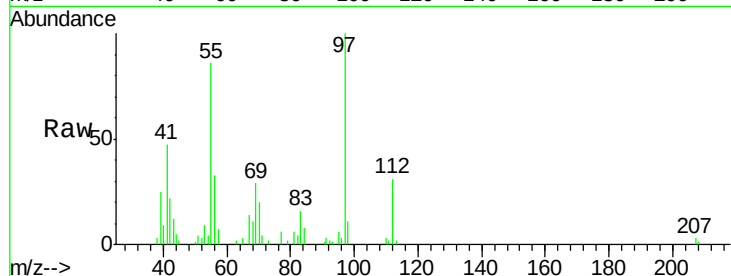
Tgt Ion: 69 Resp: 2736

Ion Ratio Lower Upper

69 100

41 165.0 57.8 86.6#

39 0.0 32.7 49.1#



#59

2-Hexanone

Concen: 9.066 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.04 min

Lab File: VW003493.D

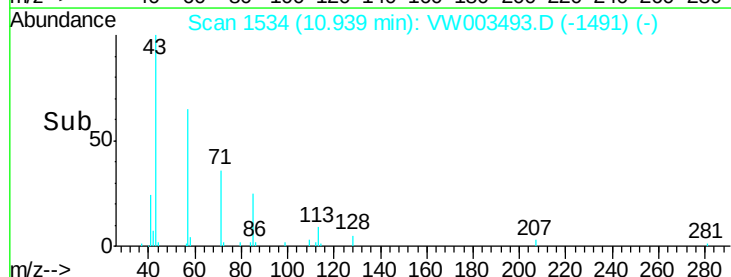
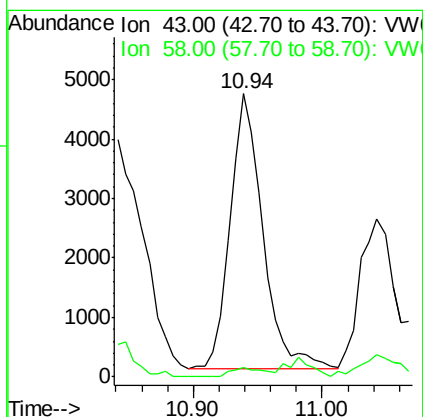
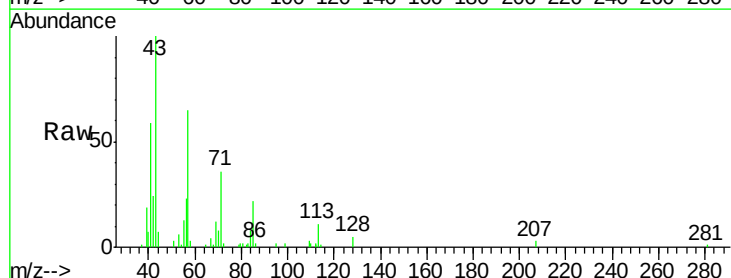
Acq: 24 Jun 2018 07:05

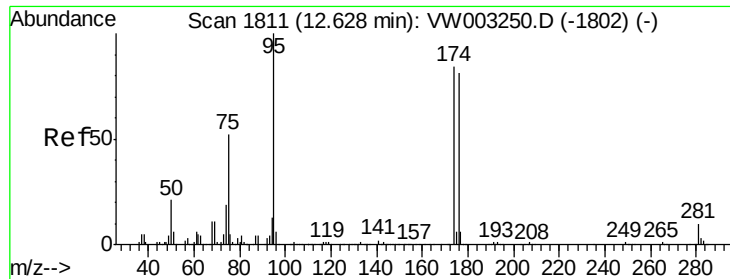
Tgt Ion: 43 Resp: 8158

Ion Ratio Lower Upper

43 100

58 3.0 25.0 75.0#

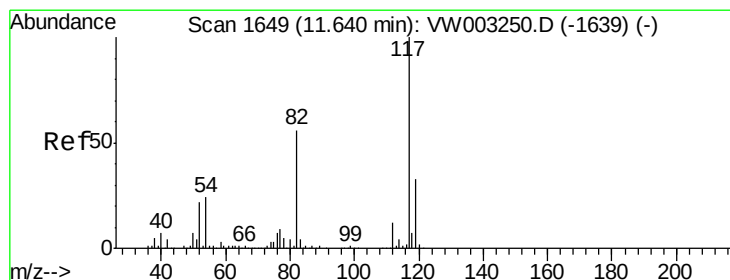
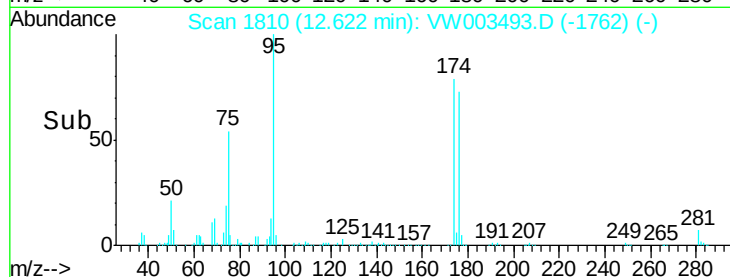
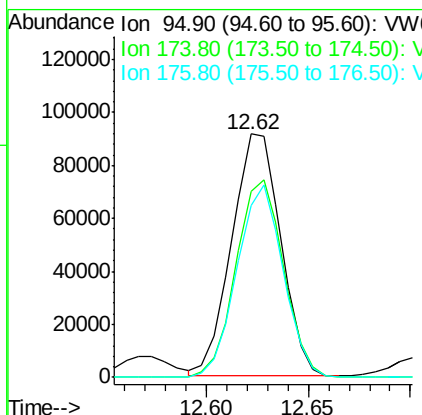
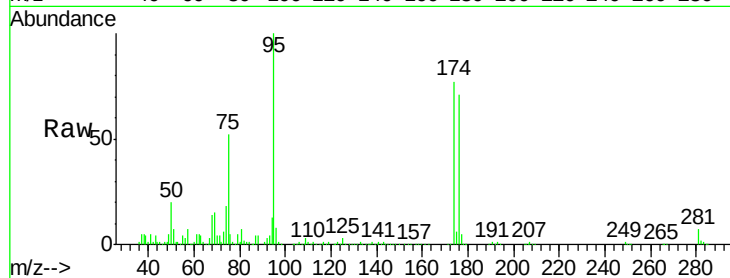




#62
4-Bromofluorobenzene
Concen: 55.076 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

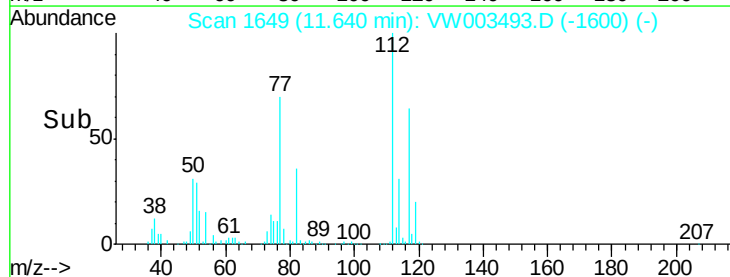
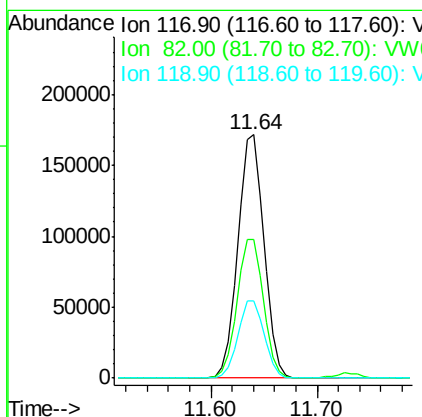
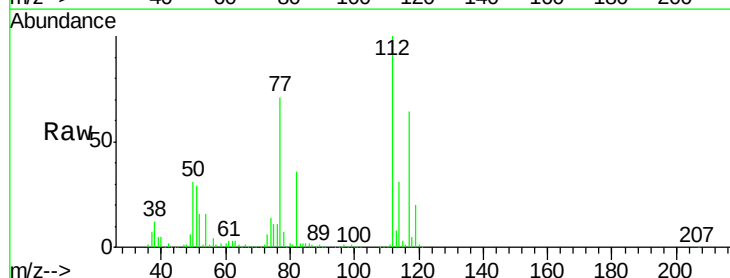
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-23-25-180621

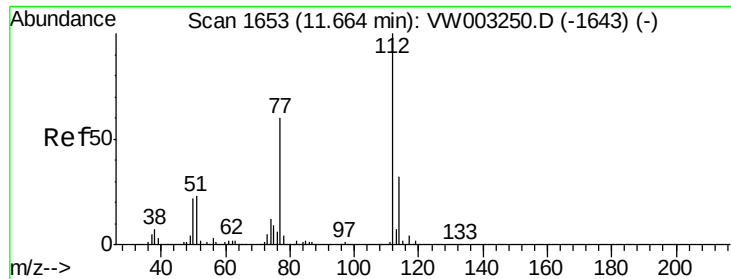
Tgt Ion: 95 Resp: 152806
Ion Ratio Lower Upper
95 100
174 79.2 0.0 166.4
176 75.2 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

Tgt Ion: 117 Resp: 295504
Ion Ratio Lower Upper
117 100
82 56.6 44.6 67.0
119 31.8 26.7 40.1

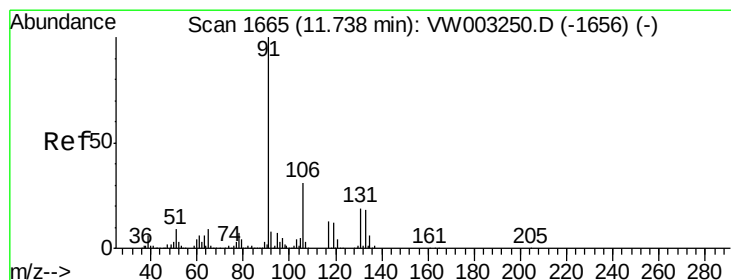
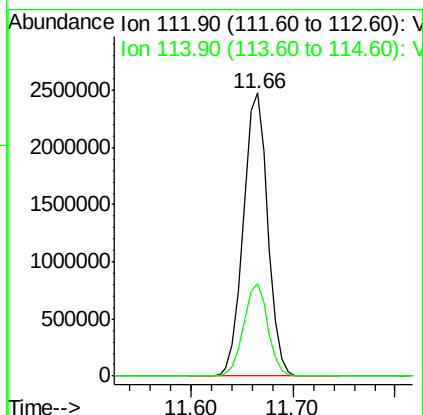
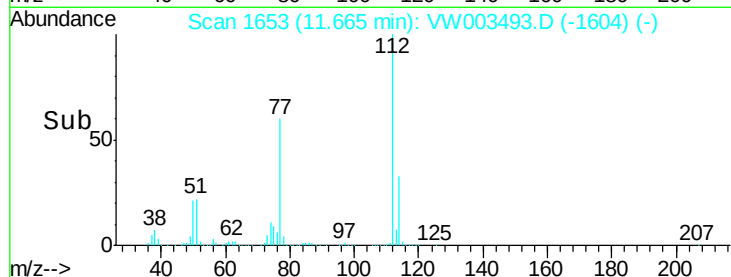
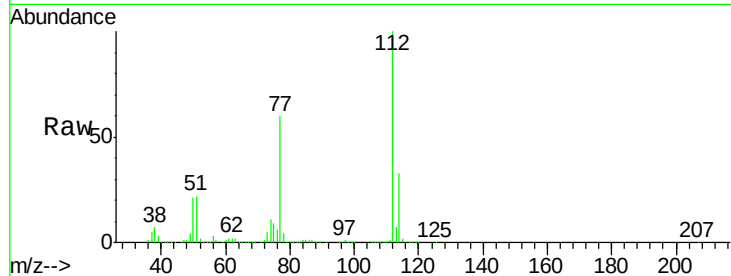




#65
Chlorobenzene
Concen: 664.933 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

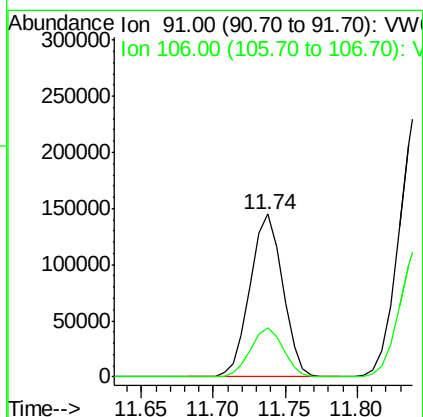
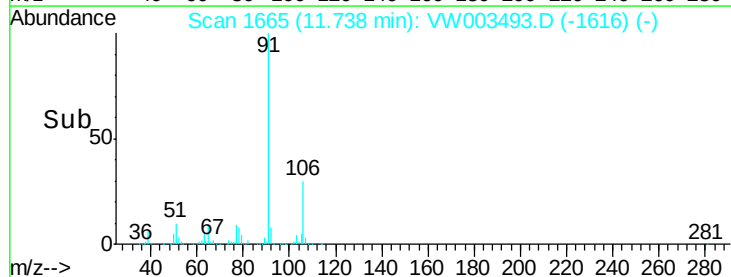
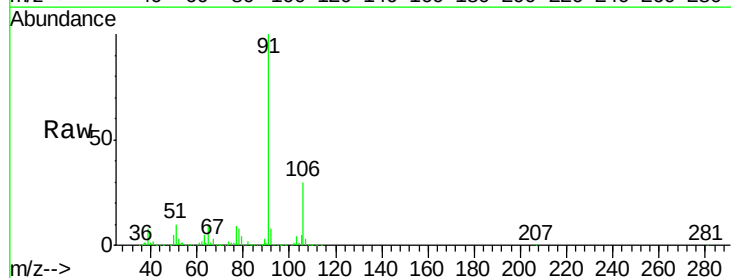
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-23-25-180621

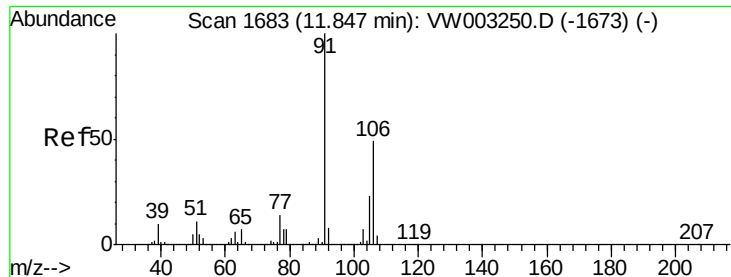
Tgt Ion: 112 Resp: 4091750
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9



#67
Ethyl Benzene
Concen: 20.987 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

Tgt Ion: 91 Resp: 228928
Ion Ratio Lower Upper
91 100
106 29.9 24.7 37.1

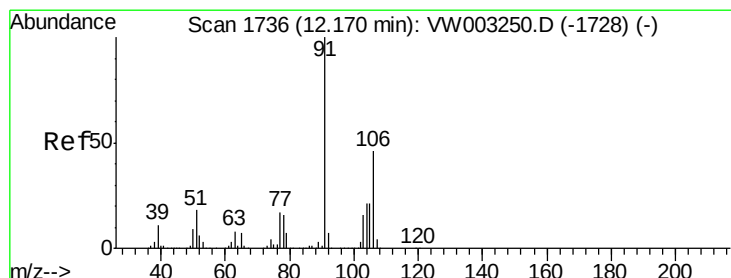
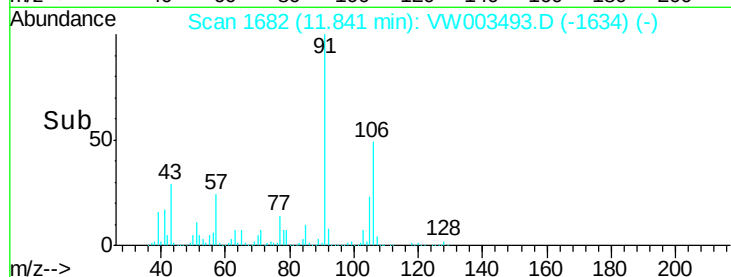
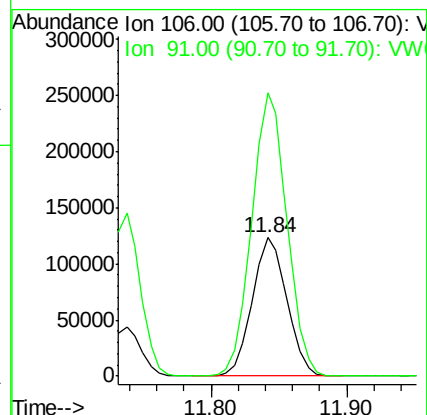
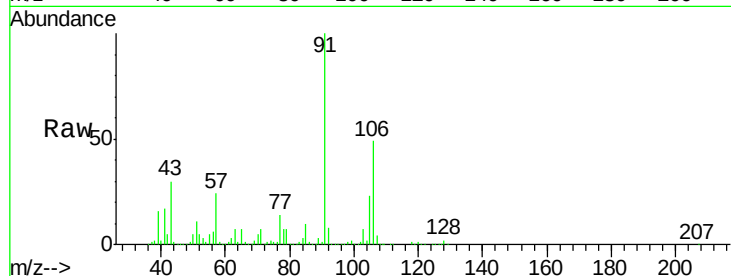




#68
m/p-Xylenes
Concen: 53.160 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

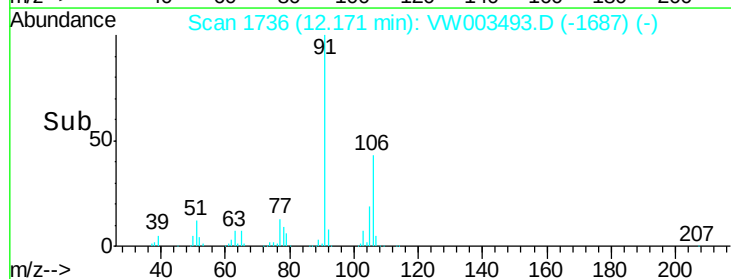
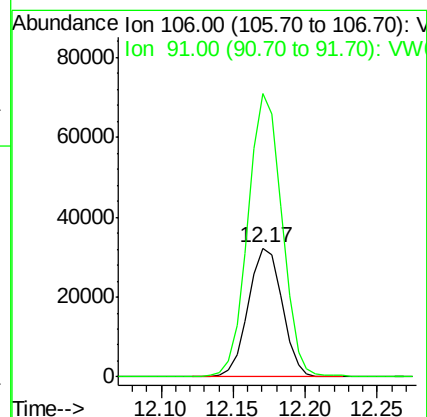
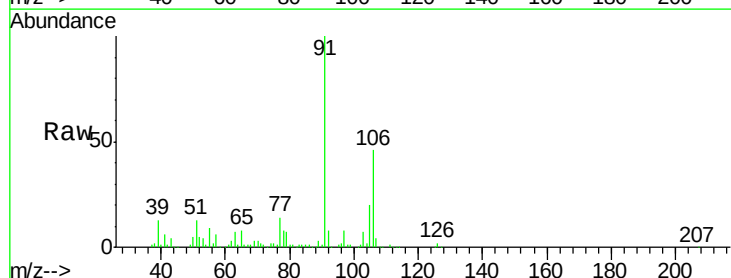
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-23-25-180621

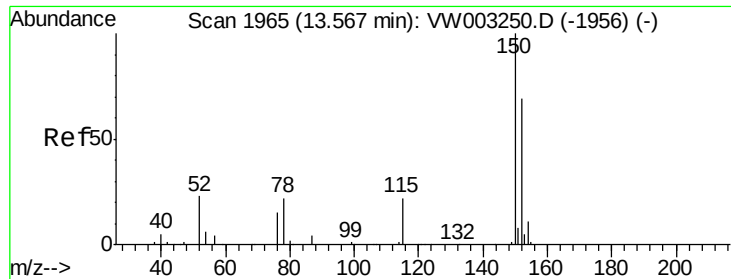
Tgt Ion:106 Resp: 220433
Ion Ratio Lower Upper
106 100
91 206.8 165.4 248.0



#69
o-Xylene
Concen: 13.625 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

Tgt Ion:106 Resp: 52359
Ion Ratio Lower Upper
106 100
91 222.6 108.6 325.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-23-25-180621

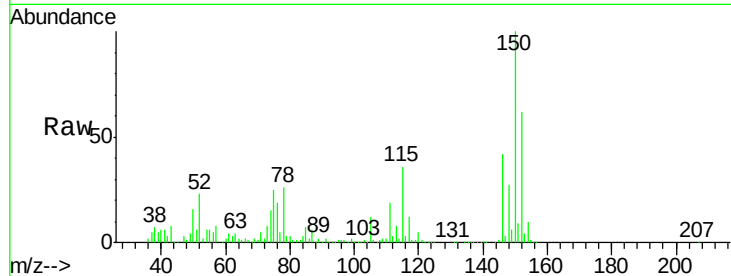
Tgt Ion:152 Resp: 151224

Ion Ratio Lower Upper

152 100

115 62.6 29.3 88.0

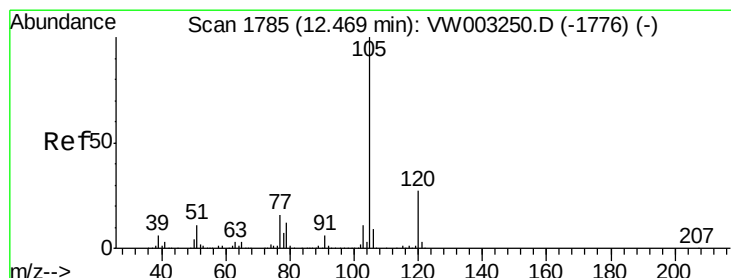
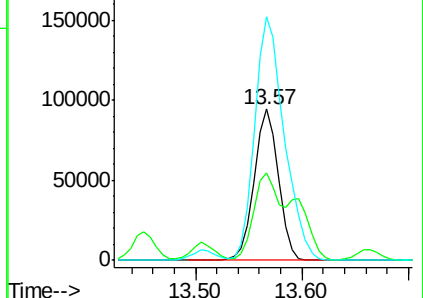
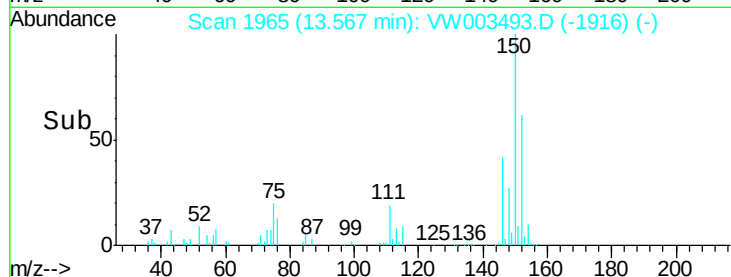
150 195.6 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 10.160 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003493.D

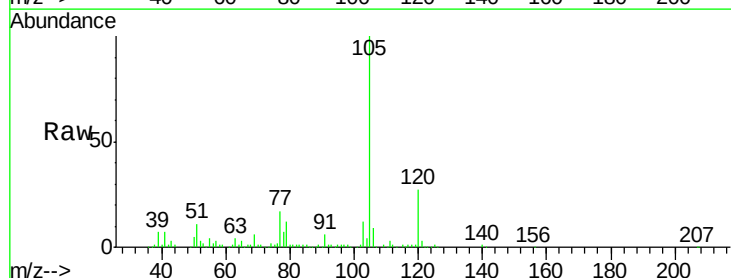
Acq: 24 Jun 2018 07:05

Tgt Ion:105 Resp: 106870

Ion Ratio Lower Upper

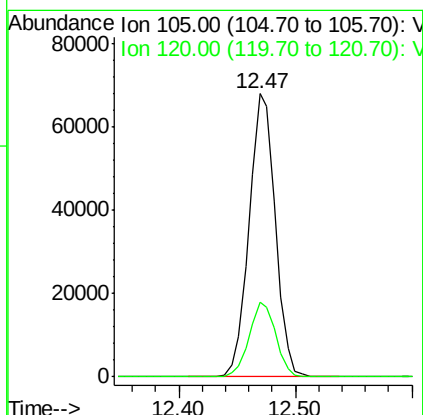
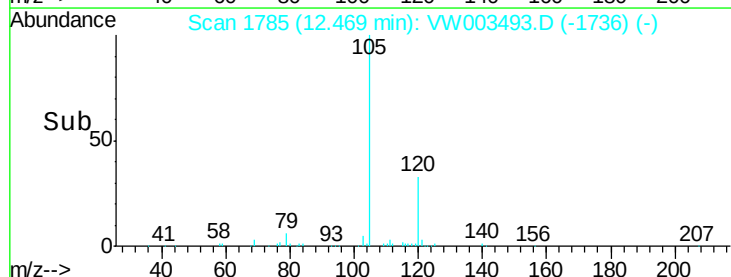
105 100

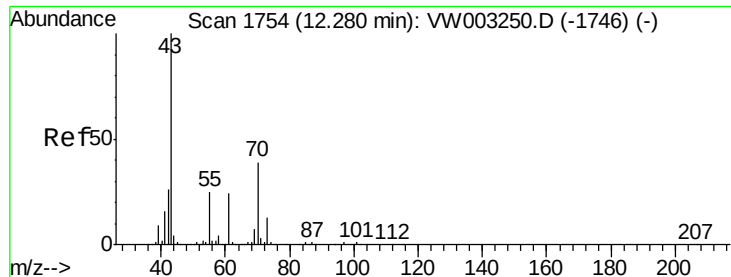
120 26.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 8.225 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-23-25-180621

Tgt Ion: 43 Resp: 19691

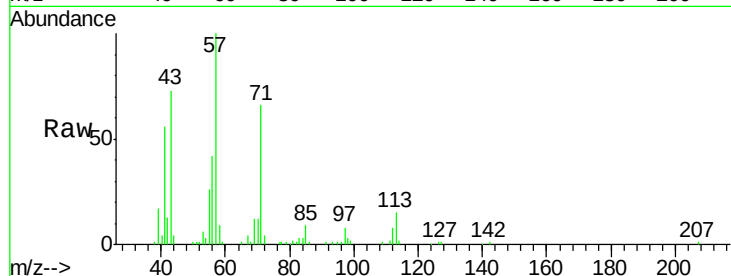
Ion Ratio Lower Upper

43 100

70 23.0 31.0 46.6#

55 0.0 19.7 29.5#

61 0.0 18.1 27.1#

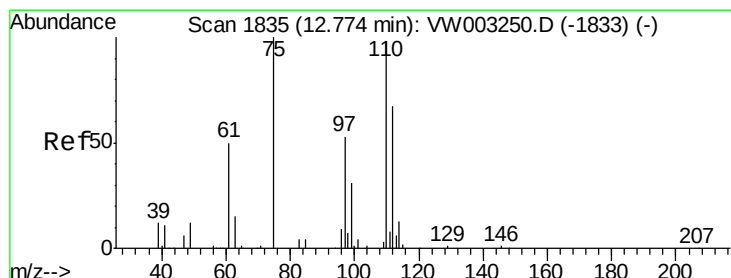
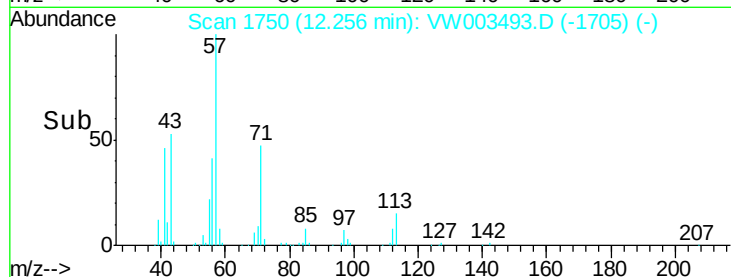
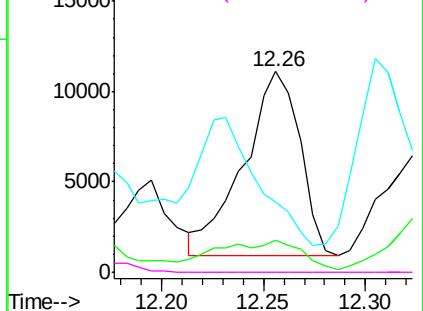


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 4.964 ug/l

RT: 12.87 min Scan# 1851

Delta R.T. 0.10 min

Lab File: VW003493.D

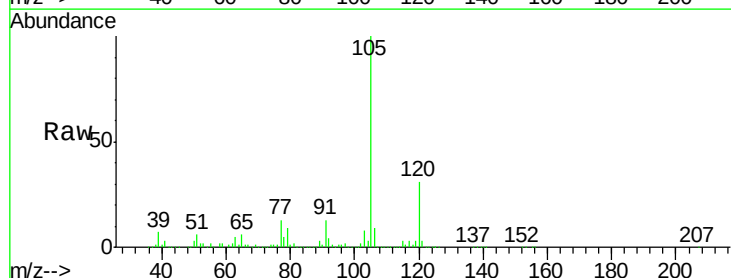
Acq: 24 Jun 2018 07:05

Tgt Ion: 75 Resp: 6418

Ion Ratio Lower Upper

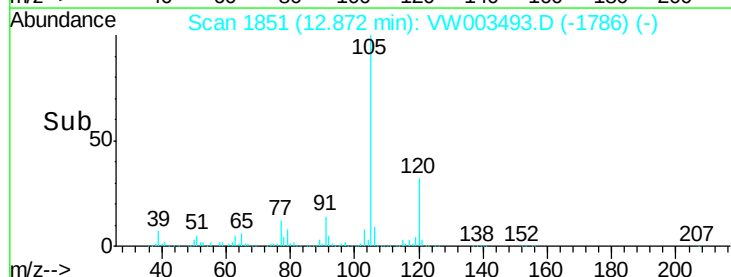
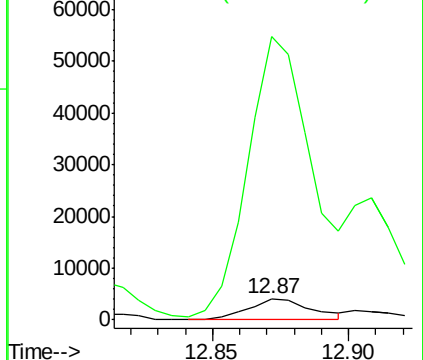
75 100

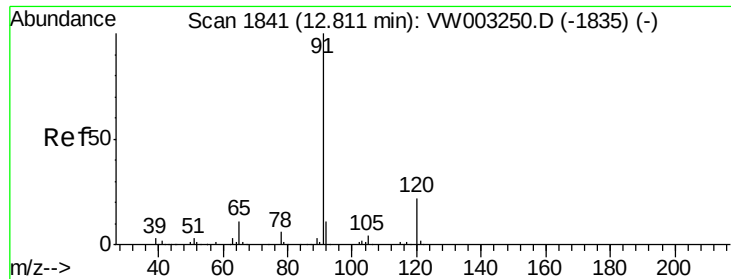
77 1376.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

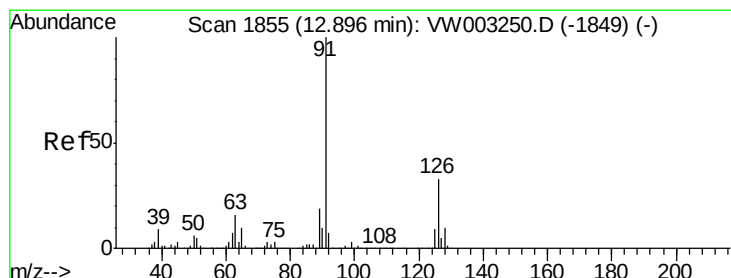
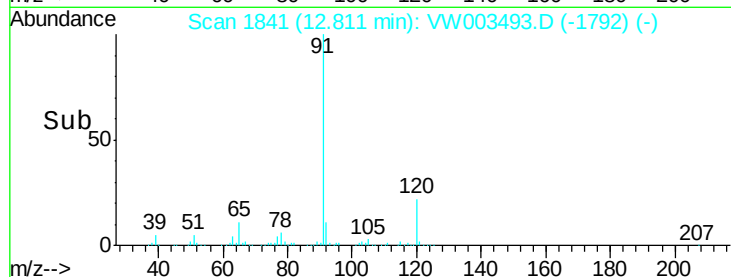
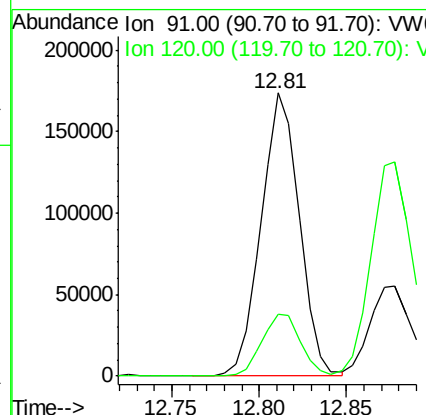
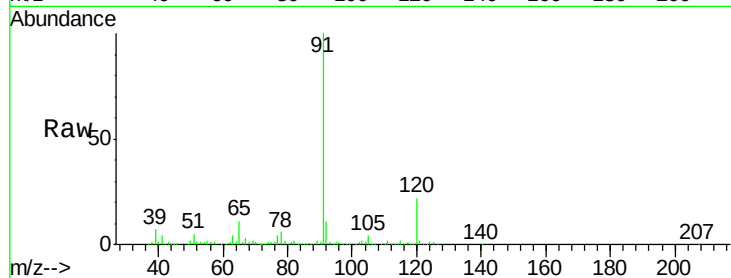




#78
n-propylbenzene
Concen: 20.358 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

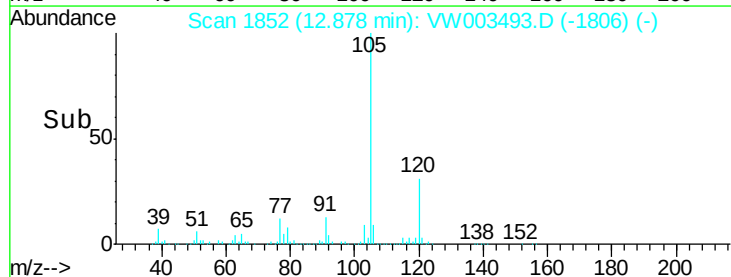
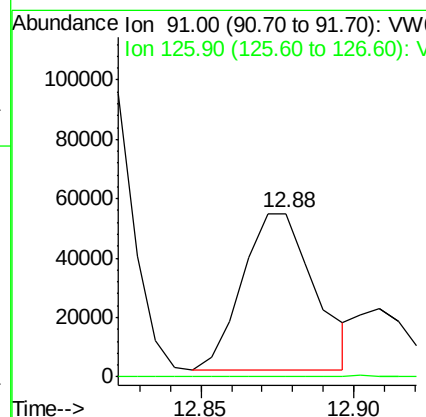
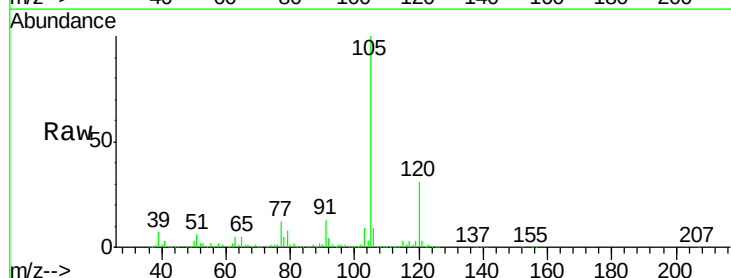
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-23-25-180621

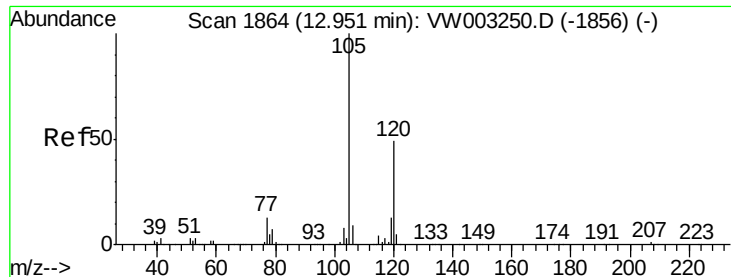
Tgt Ion: 91 Resp: 262205
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.8



#79
2-Chlorotoluene
Concen: 11.862 ug/l
RT: 12.88 min Scan# 1852
Delta R.T. -0.02 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

Tgt Ion: 91 Resp: 86336
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.4#

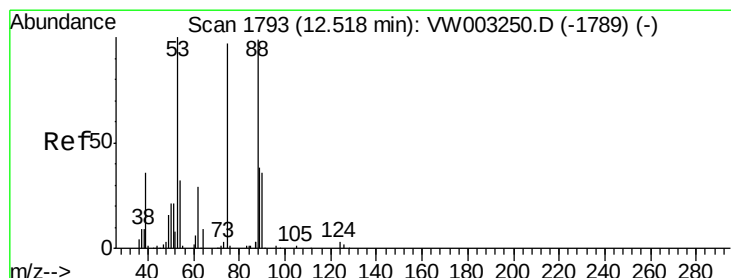
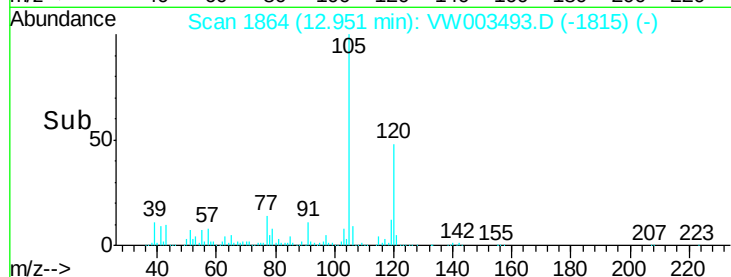
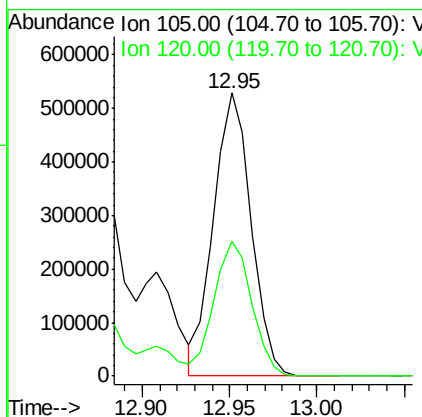
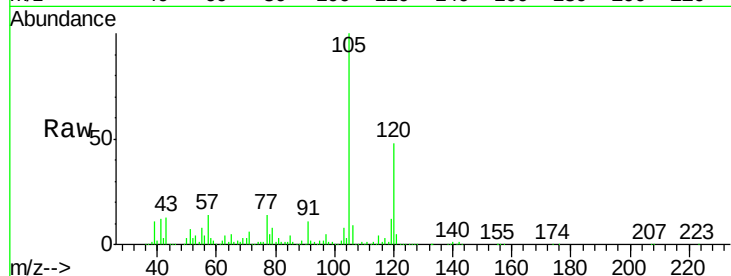




#80
 1,3,5-Trimethylbenzene
 Concen: 89.178 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003493.D
 Acq: 24 Jun 2018 07:05

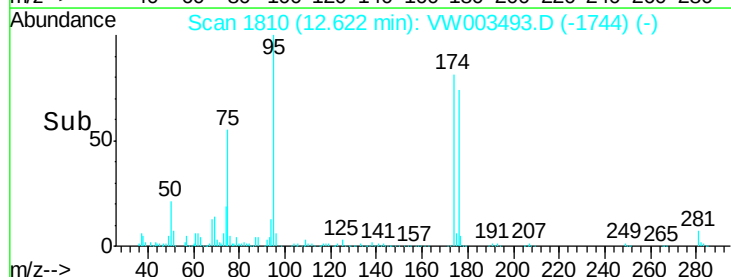
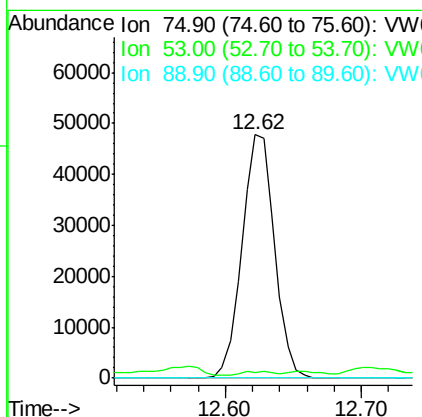
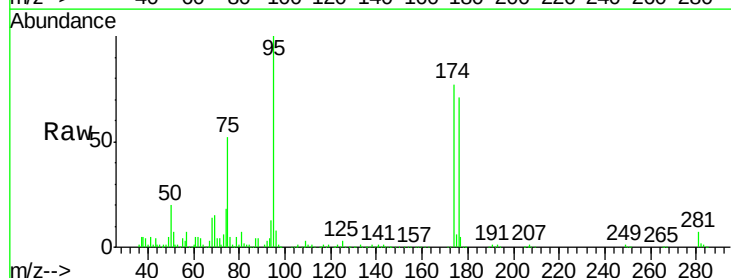
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-23-25-180621

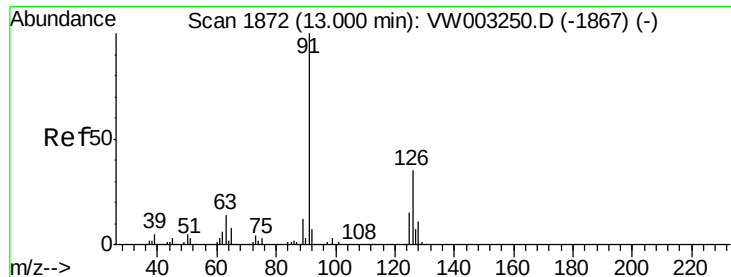
Tgt Ion: 105 Resp: 787325
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.320 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003493.D
 Acq: 24 Jun 2018 07:05

Tgt Ion: 75 Resp: 79397
 Ion Ratio Lower Upper
 75 100
 53 1.6 82.9 124.3#
 89 0.0 36.7 55.1#





#82

4-Chlorotoluene

Concen: 10.687 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.05 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

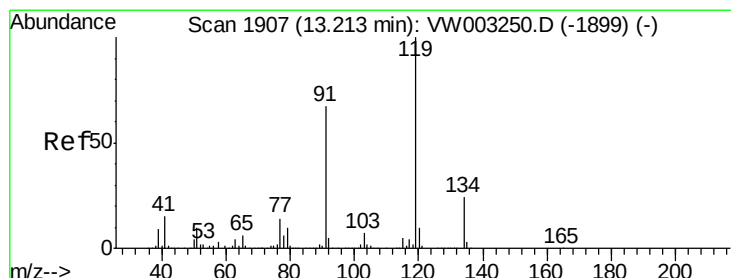
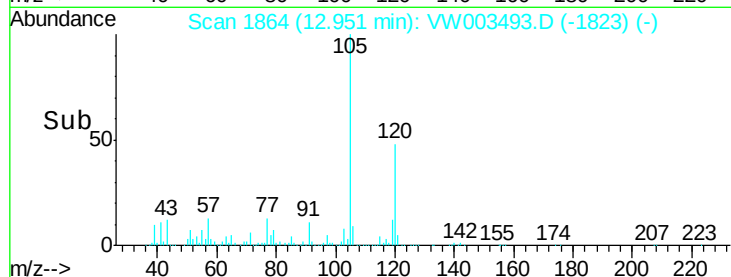
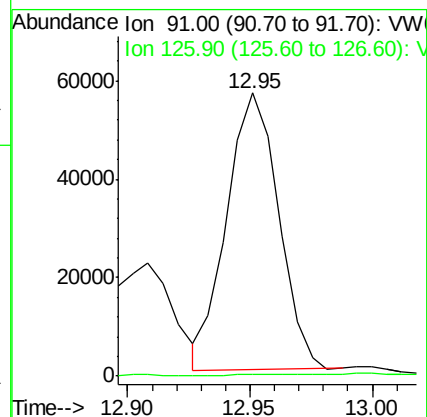
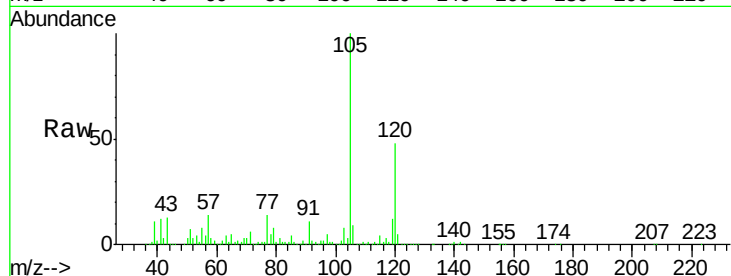
WP021SB477-23-25-180621

Tgt Ion: 91 Resp: 82519

Ion Ratio Lower Upper

91 100

126 0.9 16.8 50.3#



#83

tert-Butylbenzene

Concen: 9.977 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

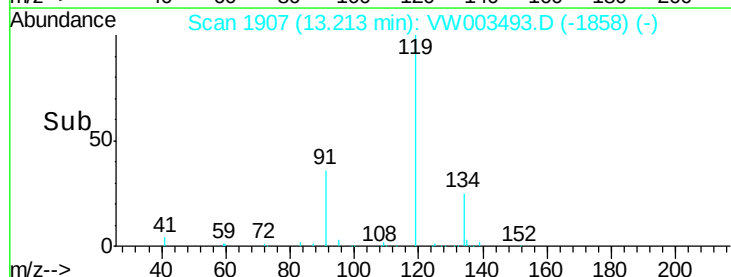
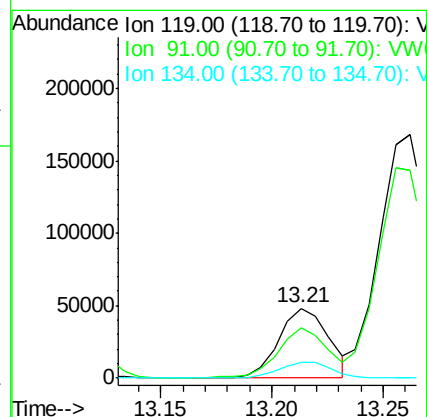
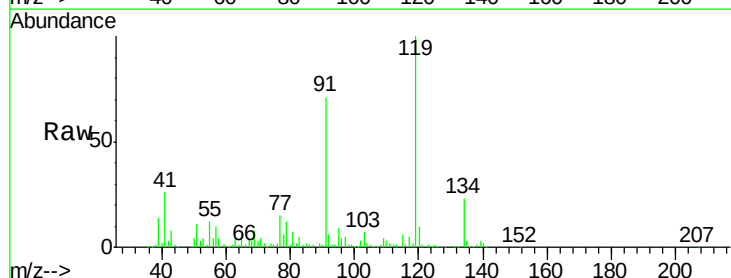
Tgt Ion: 119 Resp: 75071

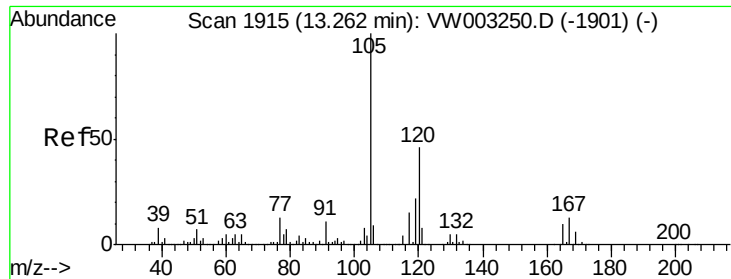
Ion Ratio Lower Upper

119 100

91 70.5 33.9 101.7

134 23.7 13.4 40.1

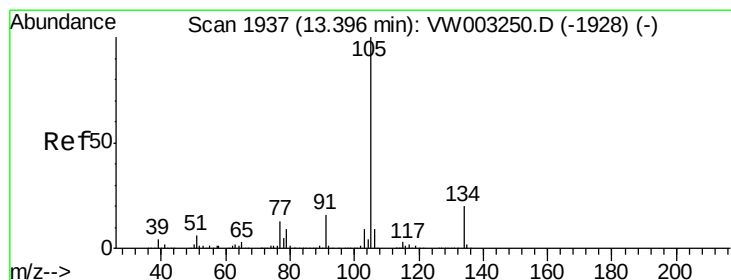
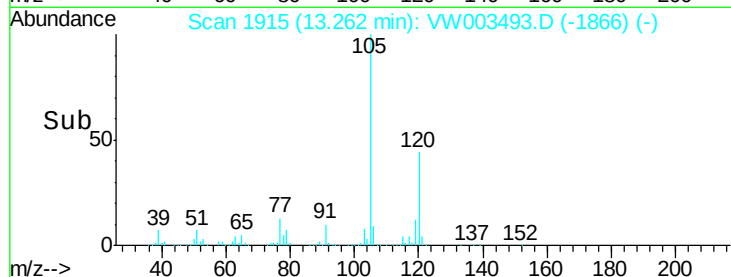
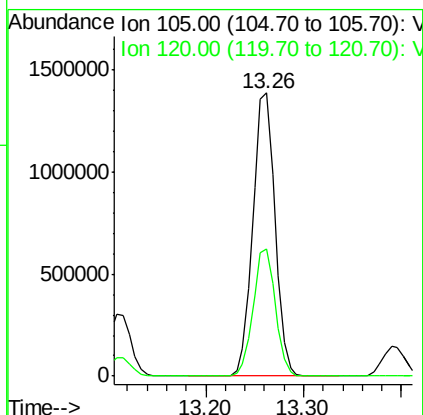
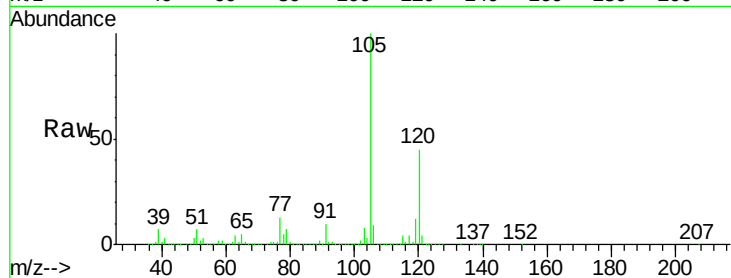




#84
1,2,4-Trimethylbenzene
Concen: 240.285 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

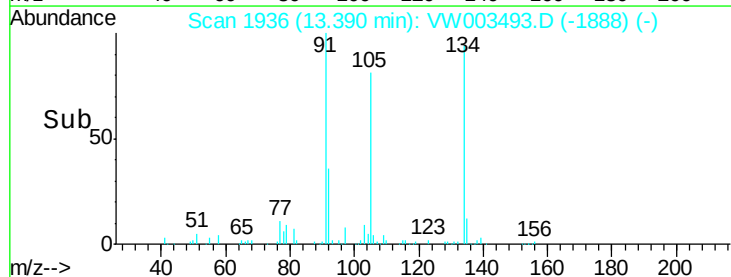
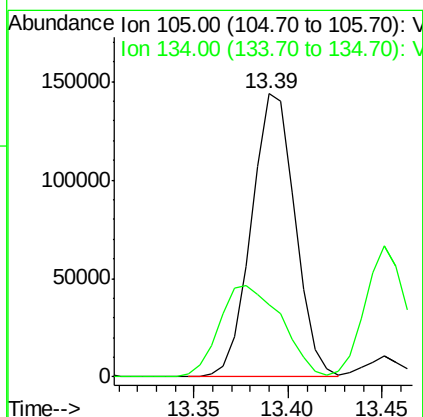
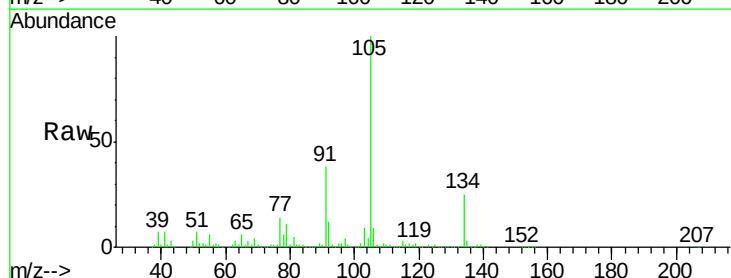
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-23-25-180621

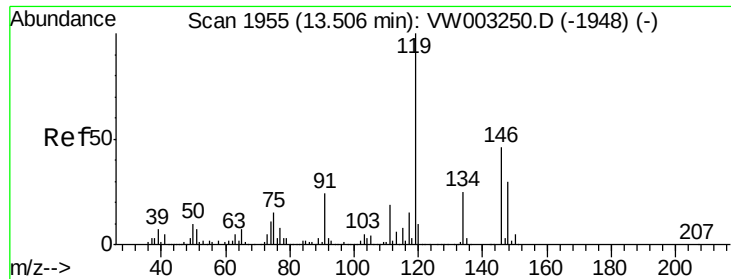
Tgt Ion:105 Resp: 2182225
Ion Ratio Lower Upper
105 100
120 45.1 22.5 67.5



#85
sec-Butylbenzene
Concen: 20.551 ug/l
RT: 13.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

Tgt Ion:105 Resp: 229837
Ion Ratio Lower Upper
105 100
134 46.4 9.8 29.5#

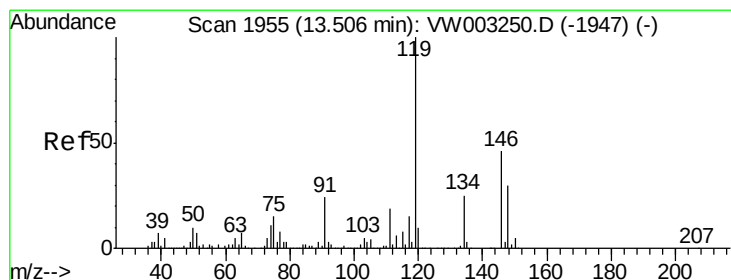
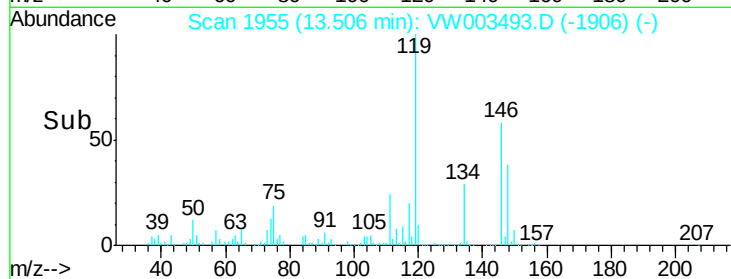
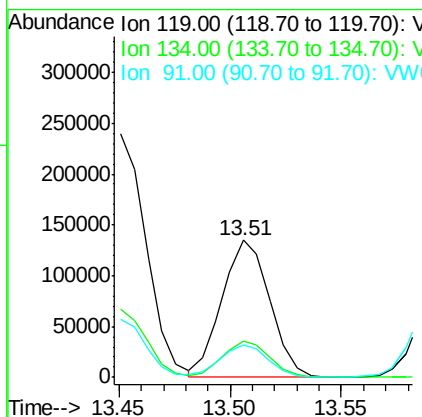
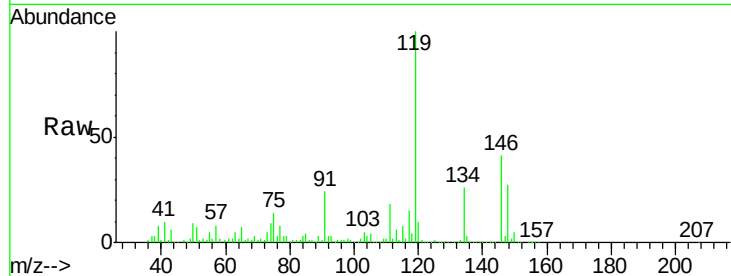




#86
p-Isopropyltoluene
Concen: 20.363 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

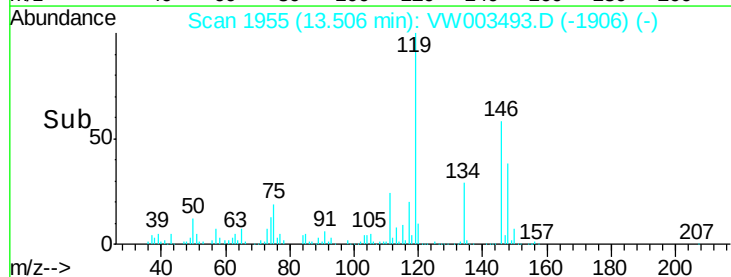
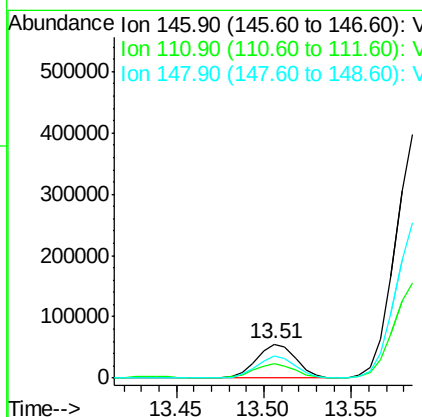
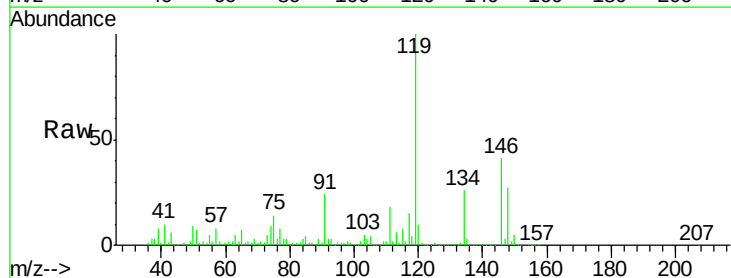
Instrument :
MSVOA_W
ClientSampleId :
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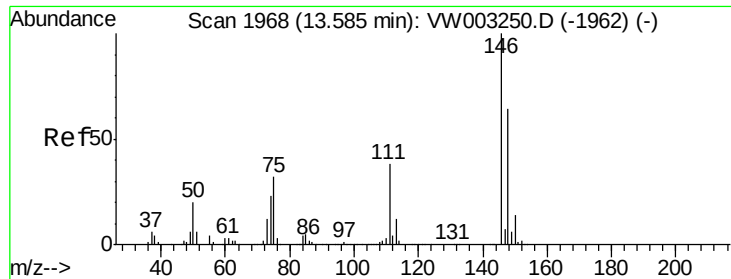
Tgt Ion:119 Resp: 200857
Ion Ratio Lower Upper
119 100
134 26.3 12.9 38.7
91 23.4 11.8 35.3



#87
1,3-Dichlorobenzene
Concen: 17.424 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW003493.D
Acq: 24 Jun 2018 07:05

Tgt Ion:146 Resp: 87682
Ion Ratio Lower Upper
146 100
111 43.2 19.8 59.4
148 63.7 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 128.071 ug/l

RT: 13.59 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

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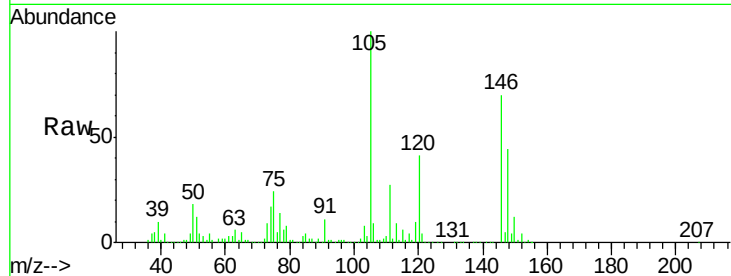
Tgt Ion:146 Resp: 640704

Ion Ratio Lower Upper

146 100

111 39.2 19.2 57.6

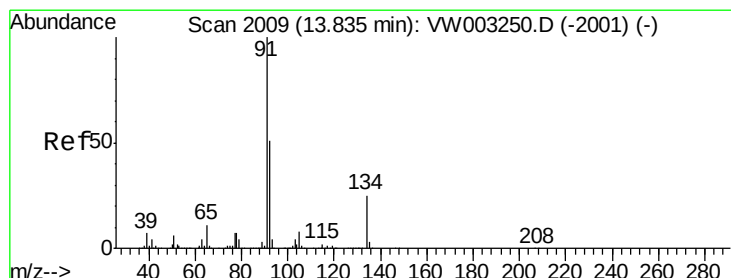
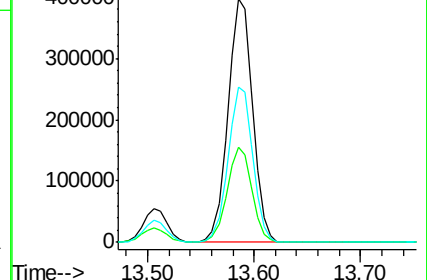
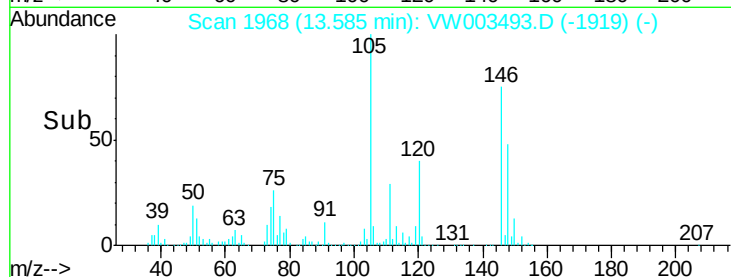
148 64.1 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 18.836 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

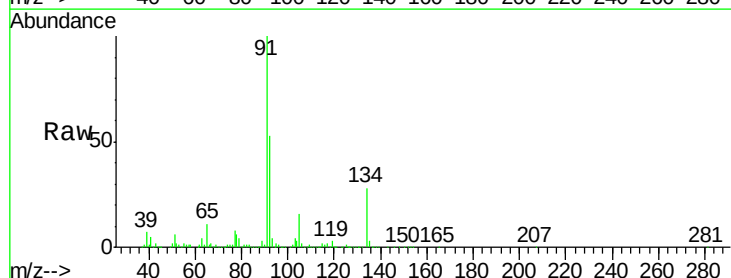
Tgt Ion: 91 Resp: 181112

Ion Ratio Lower Upper

91 100

92 65.5 26.0 78.0

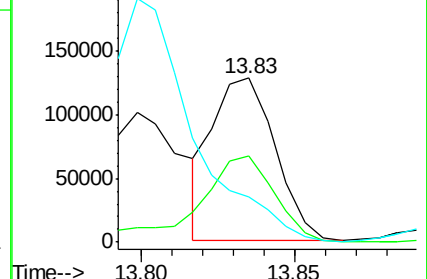
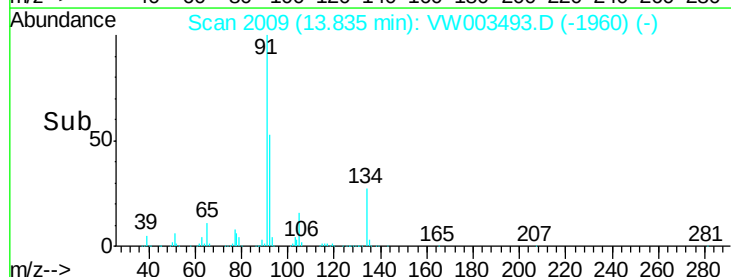
134 0.0 12.7 38.0#

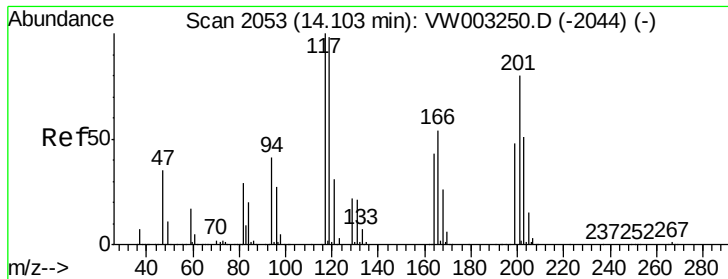


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 29.031 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

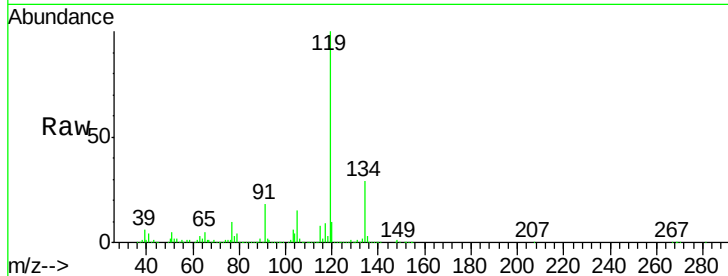
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Tgt Ion:117 Resp: 51803

Ion Ratio Lower Upper

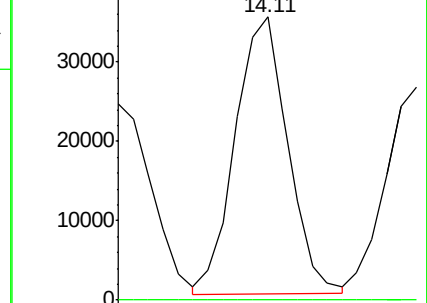
117 100

201 0.0 39.5 118.5#

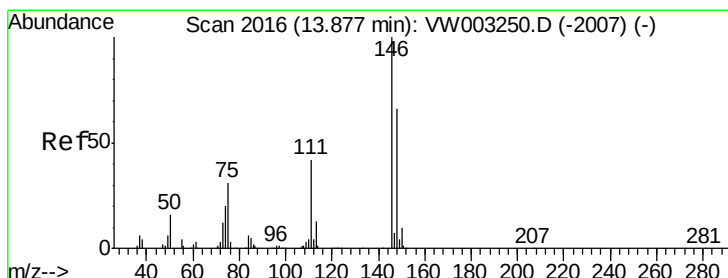
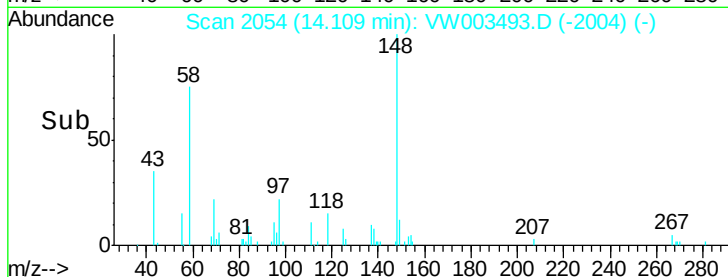


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



Time--> 14.05 14.10 14.15



#91

1,2-Dichlorobenzene

Concen: 62.610 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

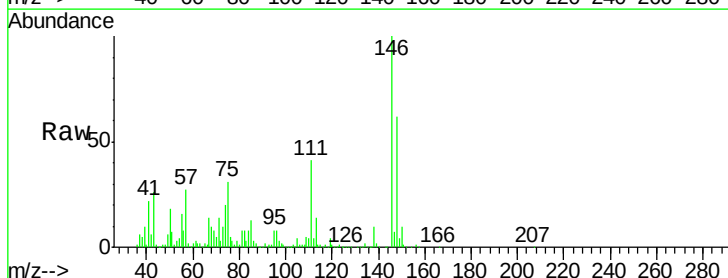
Tgt Ion:146 Resp: 275985

Ion Ratio Lower Upper

146 100

111 42.4 20.3 61.0

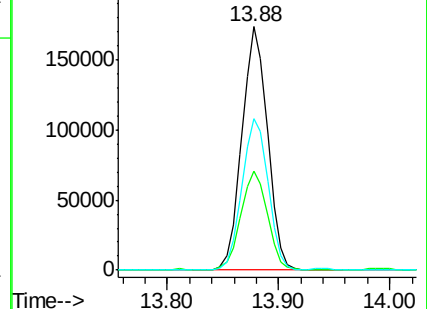
148 63.8 32.3 96.9



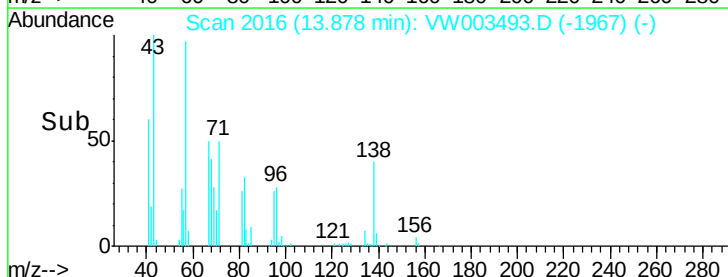
Abundance Ion 145.90 (145.60 to 146.60): V

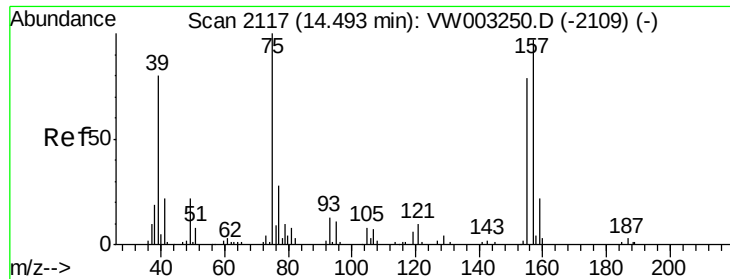
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time--> 13.80 13.90 14.00





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.775 ug/l

RT: 14.51 min Scan# 2120

Delta R.T. 0.02 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

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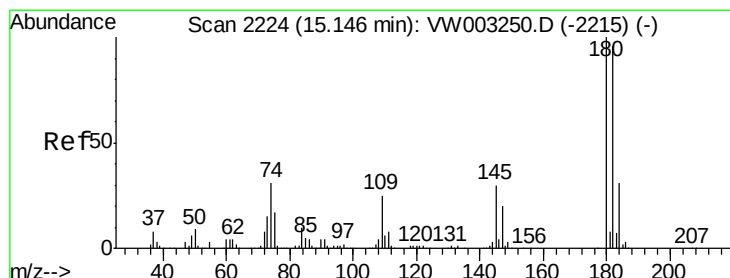
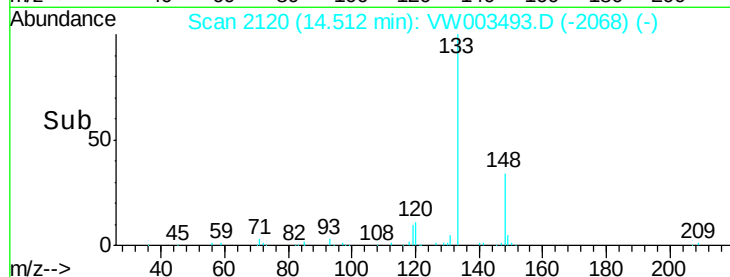
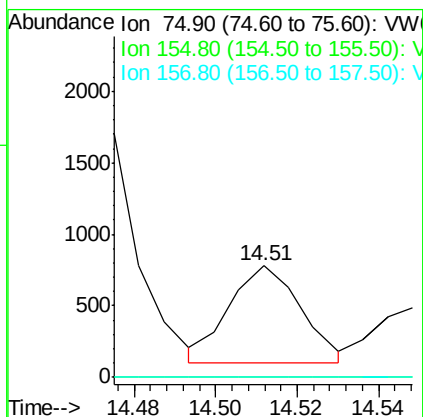
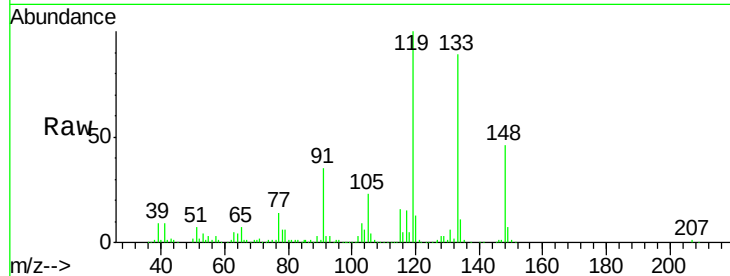
Tgt Ion: 75 Resp: 831

Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.2#

157 0.0 51.5 154.5#



#93

1,2,4-Trichlorobenzene

Concen: 1.700 ug/l

RT: 15.15 min Scan# 2224

Delta R.T. 0.00 min

Lab File: VW003493.D

Acq: 24 Jun 2018 07:05

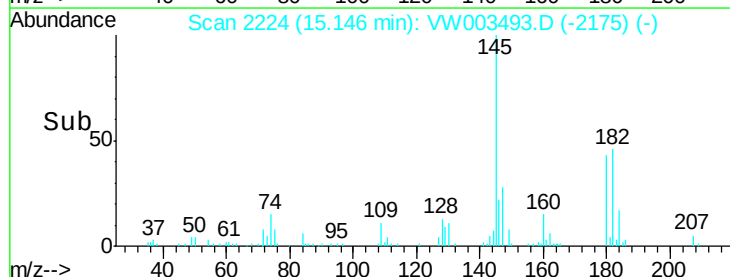
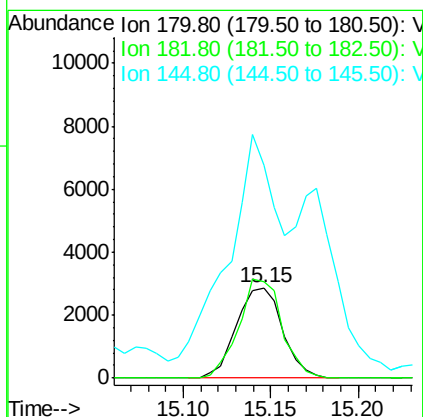
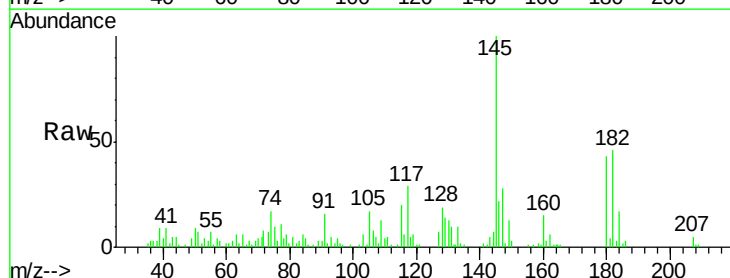
Tgt Ion: 180 Resp: 5261

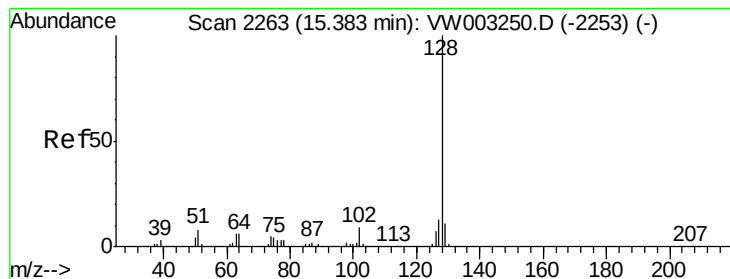
Ion Ratio Lower Upper

180 100

182 102.2 47.9 143.6

145 264.0 15.2 45.5#





#95

Naphthalene

Concen: 72.861 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003493.D

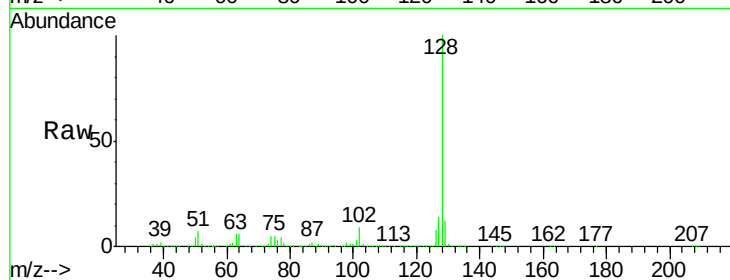
Acq: 24 Jun 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion:	128	Resp:	382461
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.8	8.9	13.3

