

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003487.D
 Acq On : 24 Jun 2018 04:30
 Operator : SY/AP
 Sample : J3670-07
 Misc : 5.81G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-21-23-180621

Quant Time: Jun 25 02:45:45 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	150407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	259002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	234345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	116299	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108016	66.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.60%	
35) Dibromofluoromethane	7.89	113	94411	58.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.32%	
50) Toluene-d8	10.33	98	333499	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.62	95	137457	60.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.74%	

Target Compounds					Qvalue
4) Vinyl Chloride	2.36	62	10348	6.178	ug/l 98
11) Tert butyl alcohol	5.24	59	1124	12.865	ug/l # 84
16) Acetone	4.15	43	28019	82.004	ug/l 96
17) Carbon Disulfide	4.37	76	14592	3.625	ug/l 96
18) Methyl Acetate	4.68	43	1139	1.405	ug/l # 56
20) Methylene Chloride	4.91	84	16844	8.563	ug/l 97
21) trans-1,2-Dichloroethene	5.42	96	4850	3.273	ug/l 87
25) 2-Butanone	7.20	43	5320	12.521	ug/l 98
27) cis-1,2-Dichloroethene	7.17	96	87142	53.533	ug/l 93
29) Tetrahydrofuran	7.54	42	404	1.556	ug/l # 56
31) Cyclohexane	7.95	56	4845	1.840	ug/l # 34
36) 1,1-Dichloropropene	7.95	75	12395	4.955	ug/l # 50
37) Ethyl Acetate	7.20	43	5320	5.134	ug/l # 69
38) Carbon Tetrachloride	7.95	117	15854	6.462	ug/l # 17
39) Methylcyclohexane	9.34	83	15459	5.341	ug/l # 86
40) Benzene	8.33	78	13806	2.002	ug/l 97
44) Trichloroethene	9.10	130	20442	11.189	ug/l 91
48) Methyl methacrylate	9.47	41	1973	2.040	ug/l # 36
49) 1,4-Dioxane	9.49	88	116	8.548	ug/l # 1
51) 4-Methyl-2-Pentanone	10.25	43	6230	5.942	ug/l # 84
52) Toluene	10.39	92	7413	1.677	ug/l 97
55) 1,1,2-Trichloroethane	10.76	97	6319	4.989	ug/l # 28
56) Ethyl methacrylate	10.67	69	2960	1.925	ug/l # 1
59) 2-Hexanone	10.94	43	15165	20.705	ug/l # 33
60) Dibromochloromethane	10.86	129	2382	1.582	ug/l # 10
64) Tetrachloroethene	10.87	164	2828	1.804	ug/l 87
65) Chlorobenzene	11.66	112	2386049	488.941	ug/l 100
74) N-amyl acetate	12.26	43	51232	27.826	ug/l # 45
75) 1,1,2,2-Tetrachloroethane	12.68	83	10324	7.544	ug/l # 26
76) 1,2,3-Trichloropropane	12.62	75	63936	64.308	ug/l # 100
81) trans-1,4-Dichloro-2-buten	12.62	75	63936	147.975	ug/l # 14
83) tert-Butylbenzene	13.21	119	93517	16.162	ug/l 97
84) 1,2,4-Trimethylbenzene	13.11	105	8683	1.243	ug/l 78
85) sec-Butylbenzene	13.39	105	67548	7.854	ug/l # 19

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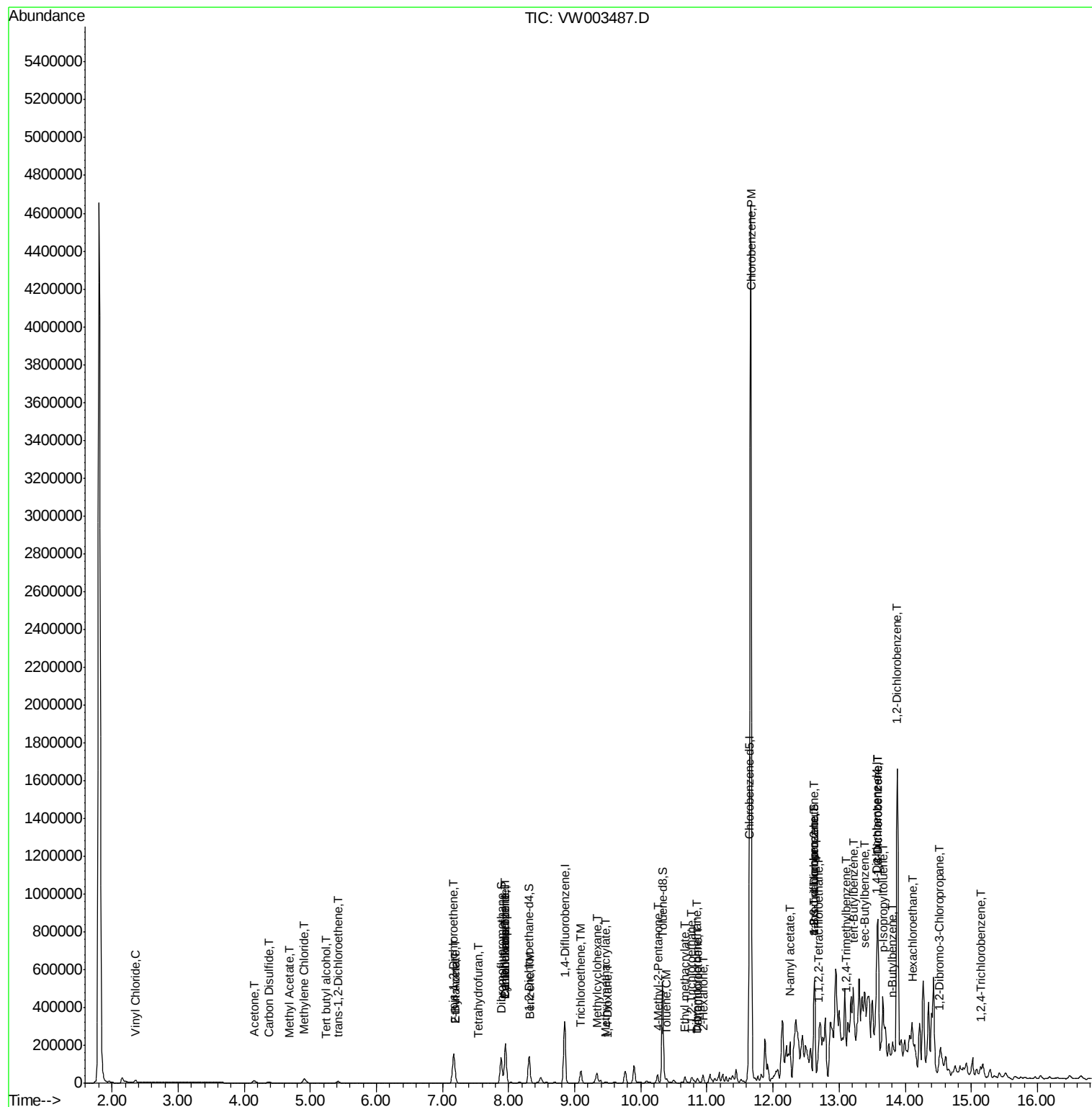
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.66	119	147019	19.380	ug/l	93
87) 1,3-Dichlorobenzene	13.59	146	218484	56.455	ug/l	96
88) 1,4-Dichlorobenzene	13.59	146	218484	56.788	ug/l	96
89) n-Butylbenzene	13.81	91	13901	1.880	ug/l #	30
90) Hexachloroethane	14.12	117	2035	1.483	ug/l #	10
91) 1,2-Dichlorobenzene	13.88	146	473755	139.751	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	316	1.372	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.15	180	4345	1.826	ug/l #	1

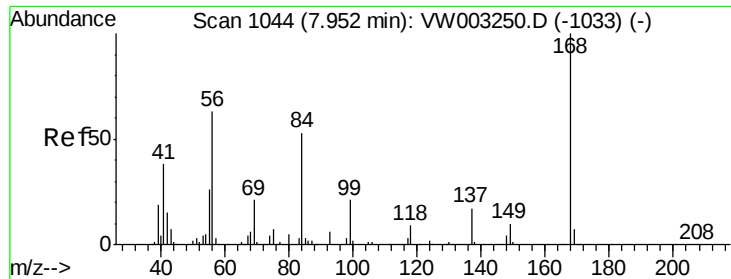
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003487.D

Acq: 24 Jun 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

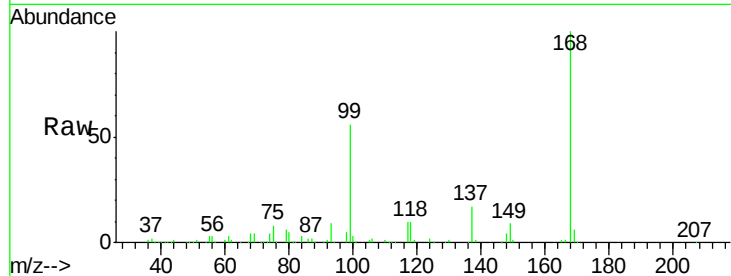
WP021SB487-21-23-180621

Tgt Ion:168 Resp: 150407

Ion Ratio Lower Upper

168 100

99 56.0 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

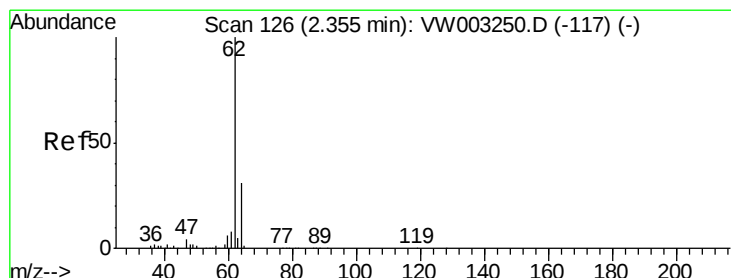
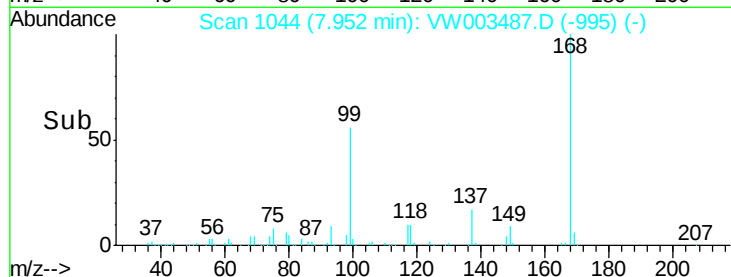
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 6.178 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003487.D

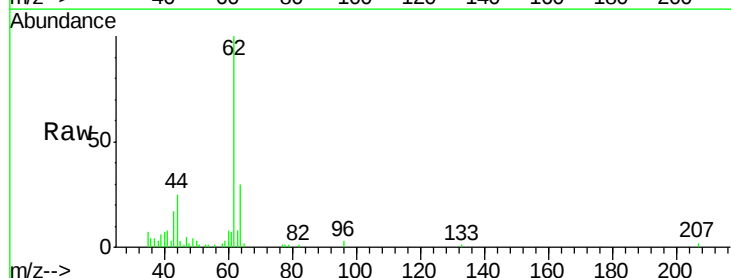
Acq: 24 Jun 2018 04:30

Tgt Ion: 62 Resp: 10348

Ion Ratio Lower Upper

62 100

64 30.0 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

6000

5000

4000

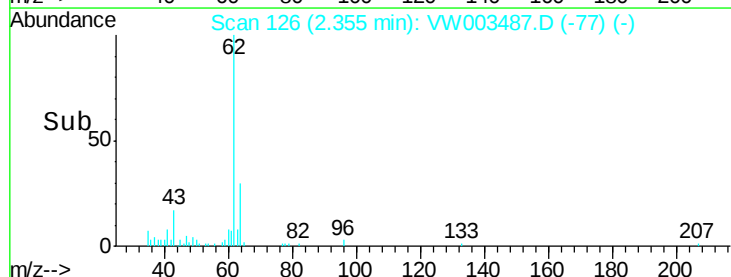
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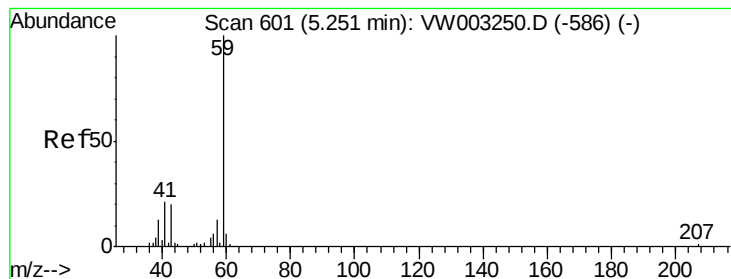
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1000

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Time-->



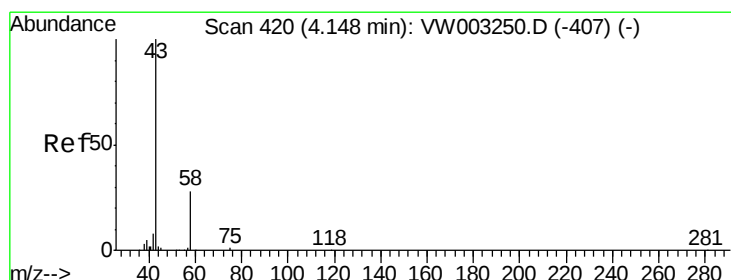
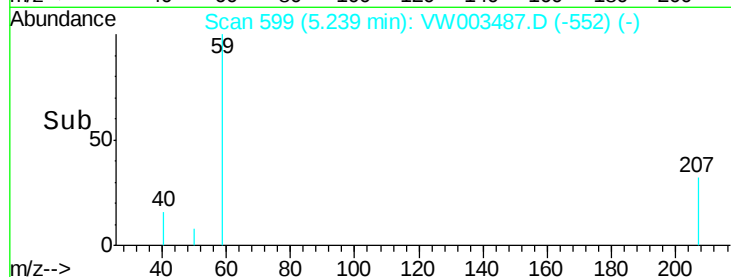
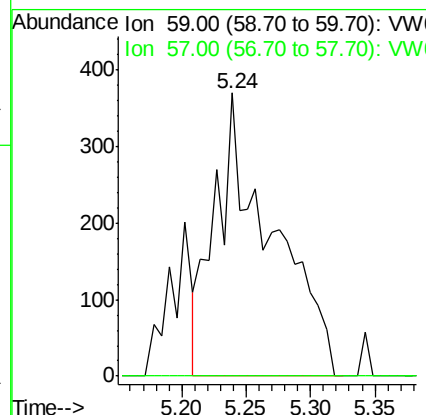
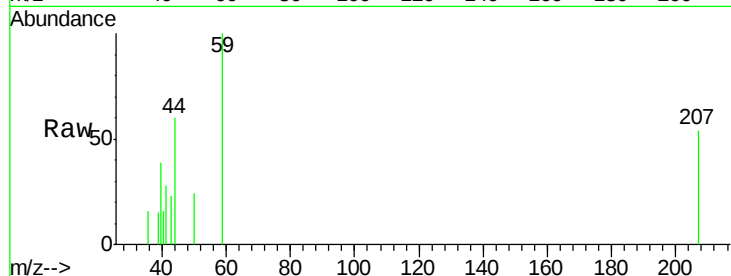


#11

Tert butyl alcohol
 Concen: 12.865 ug/l
 RT: 5.24 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: VW003487.D
 Acq: 24 Jun 2018 04:30

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-21-23-180621

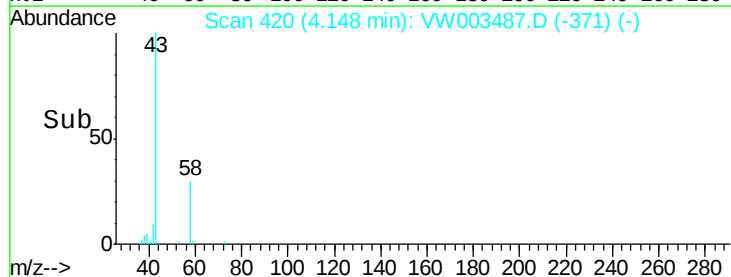
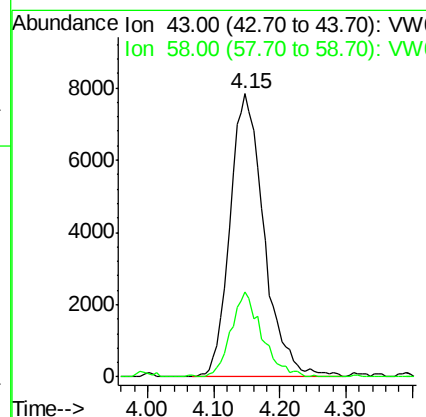
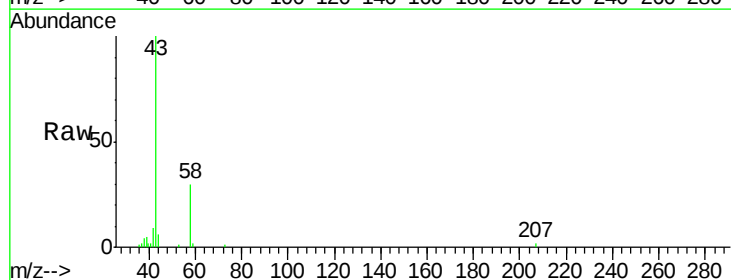
Tgt Ion: 59 Resp: 1124
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.2 6.2#

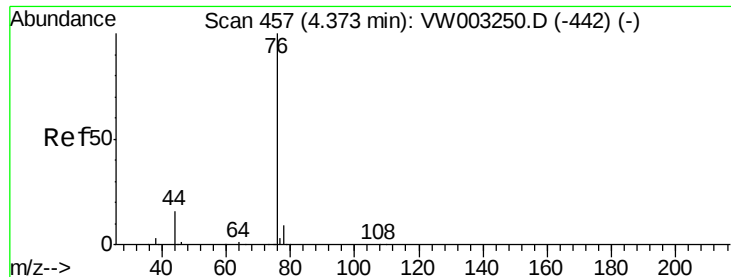


#16

Acetone
 Concen: 82.004 ug/l
 RT: 4.15 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: VW003487.D
 Acq: 24 Jun 2018 04:30

Tgt Ion: 43 Resp: 28019
 Ion Ratio Lower Upper
 43 100
 58 30.2 22.6 34.0





#17

Carbon Disulfide

Concen: 3.625 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003487.D

Acq: 24 Jun 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

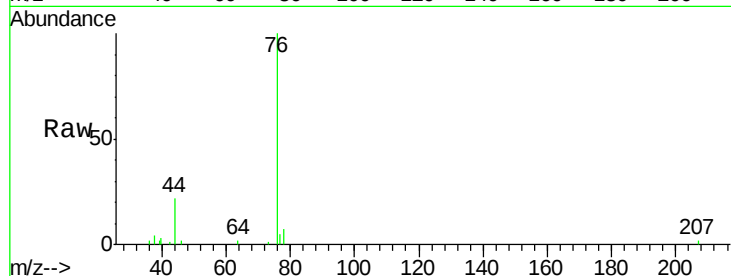
WP021SB487-21-23-180621

Tgt Ion: 76 Resp: 14592

Ion Ratio Lower Upper

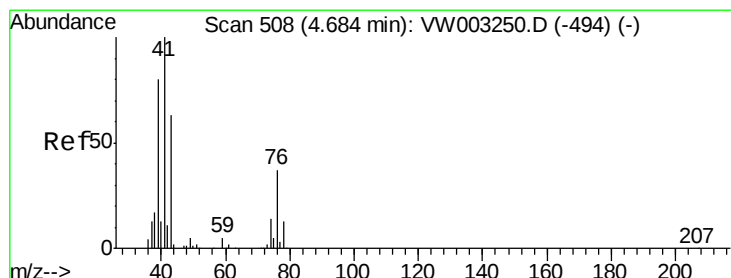
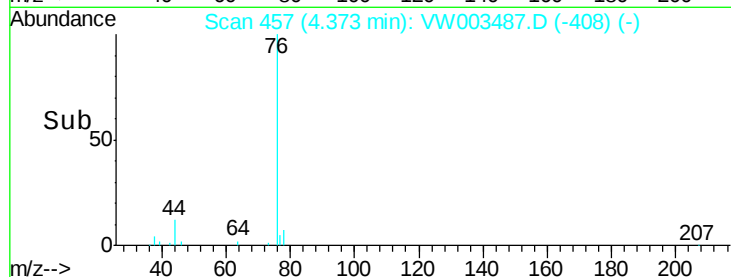
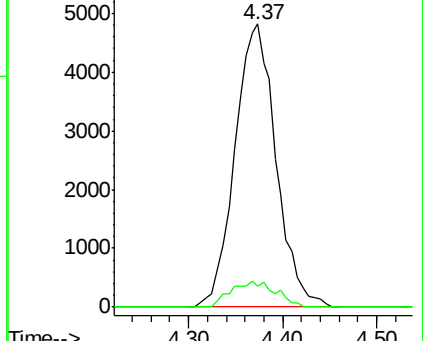
76 100

78 7.5 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: 1.405 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW003487.D

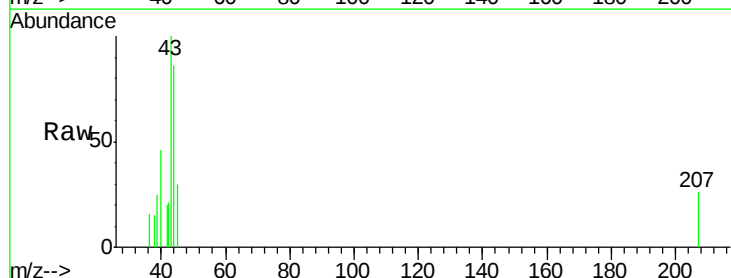
Acq: 24 Jun 2018 04:30

Tgt Ion: 43 Resp: 1139

Ion Ratio Lower Upper

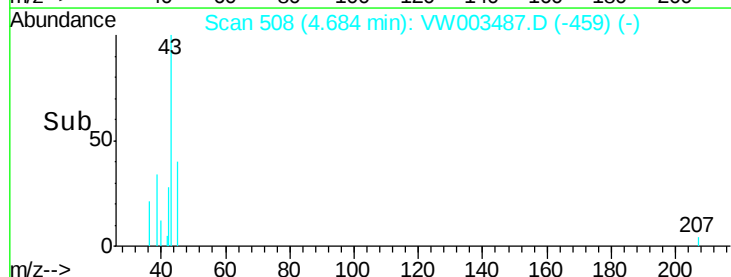
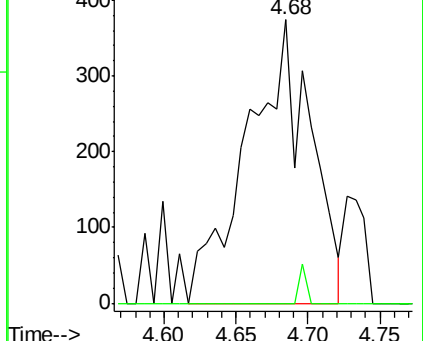
43 100

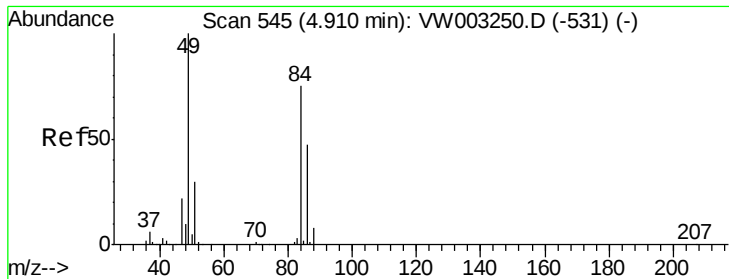
74 1.7 18.7 28.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

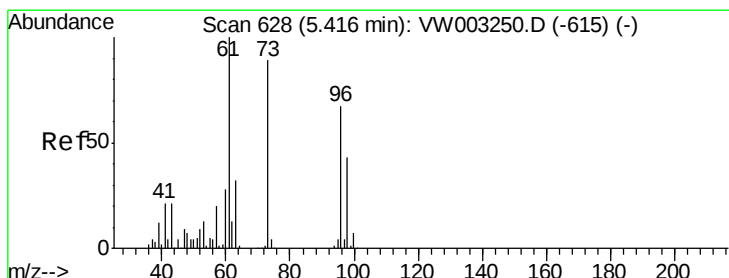
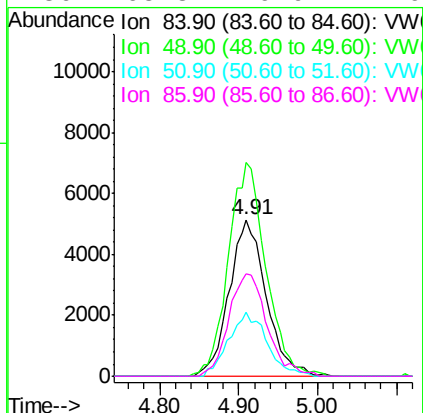
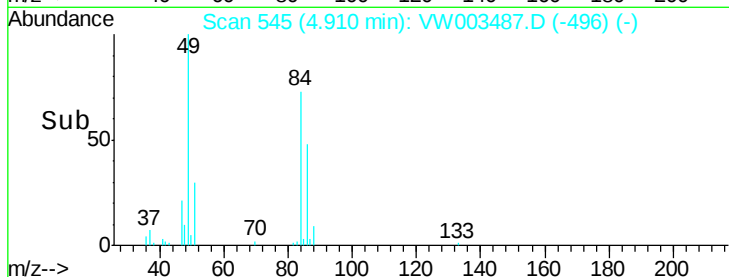
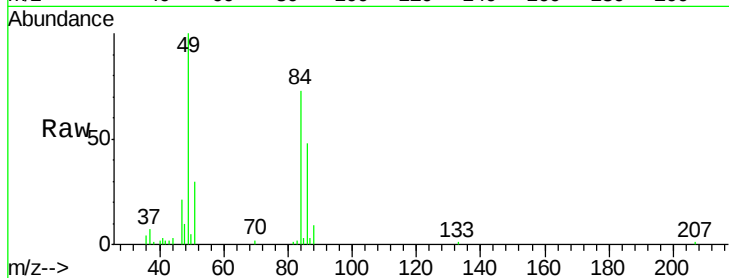




#20
Methylene Chloride
Concen: 8.563 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

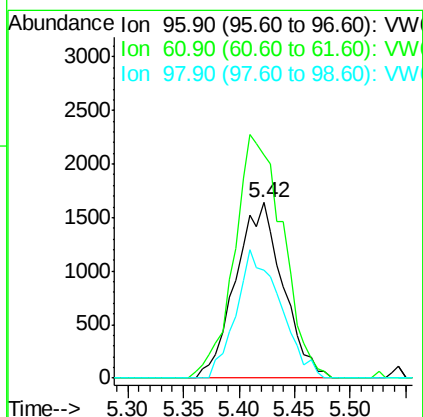
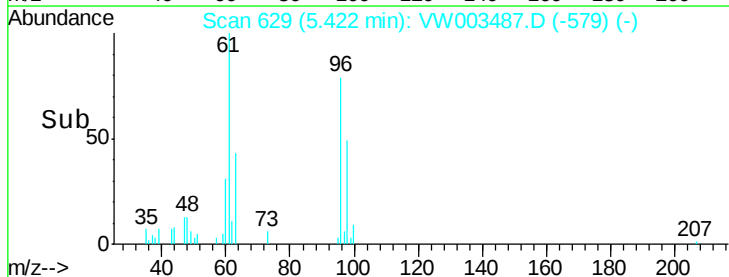
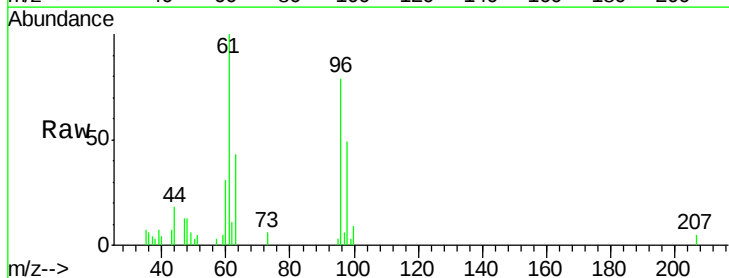
Instrument :
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ClientSampleId :
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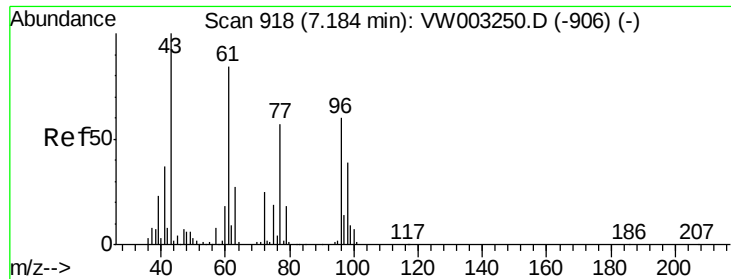
Tgt Ion: 84 Resp: 16844
Ion Ratio Lower Upper
84 100
49 136.7 106.3 159.5
51 41.0 32.0 48.0
86 65.8 49.9 74.9



#21
trans-1,2-Dichloroethene
Concen: 3.273 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.01 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

Tgt Ion: 96 Resp: 4850
Ion Ratio Lower Upper
96 100
61 126.7 118.7 178.1
98 61.5 51.0 76.6





#25

2-Butanone

Concen: 12.521 ug/l

RT: 7.20 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW003487.D

Acq: 24 Jun 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

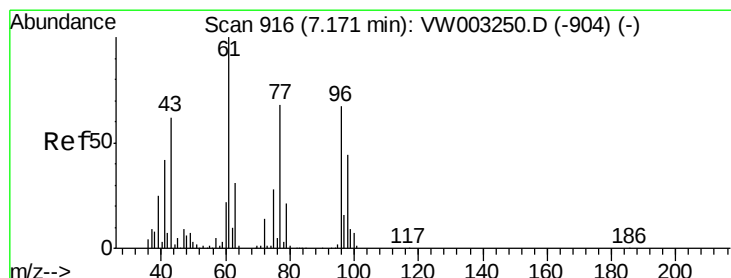
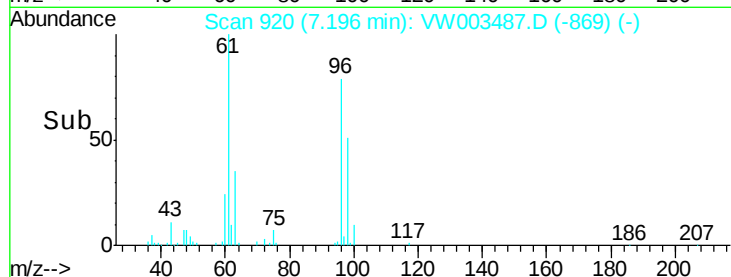
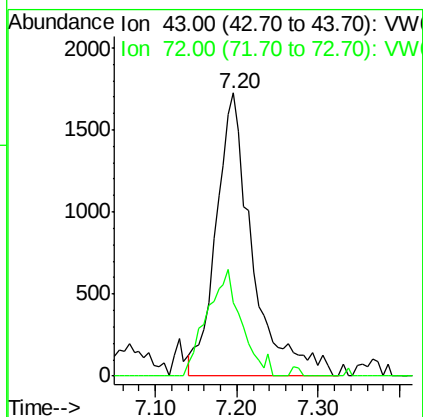
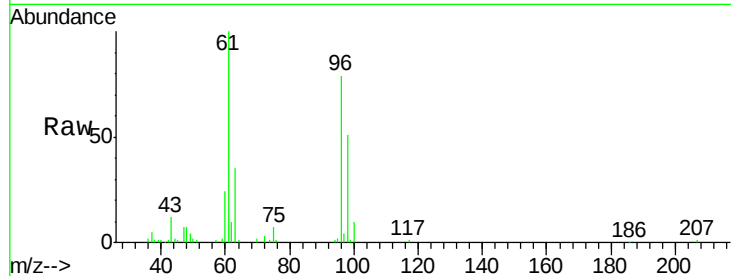
WP021SB487-21-23-180621

Tgt Ion: 43 Resp: 5320

Ion Ratio Lower Upper

43 100

72 26.2 20.3 30.5



#27

cis-1,2-Dichloroethene

Concen: 53.533 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003487.D

Acq: 24 Jun 2018 04:30

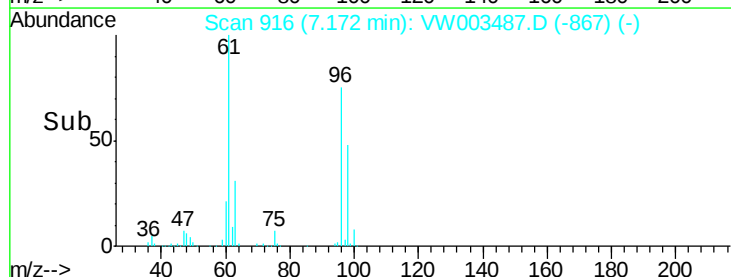
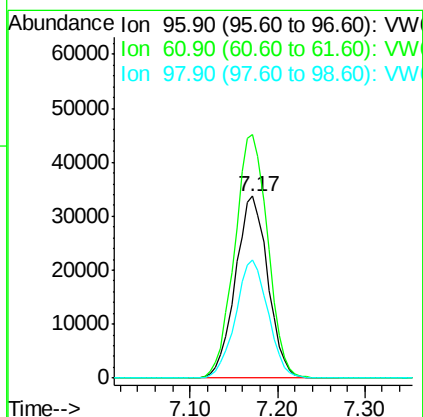
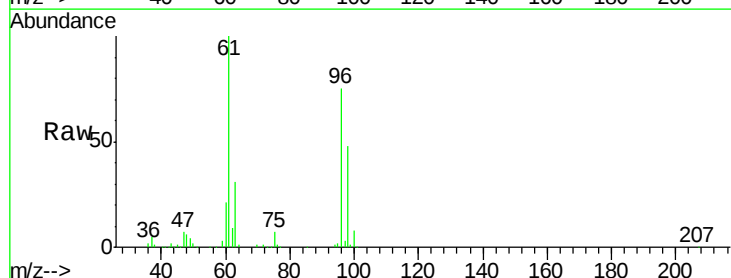
Tgt Ion: 96 Resp: 87142

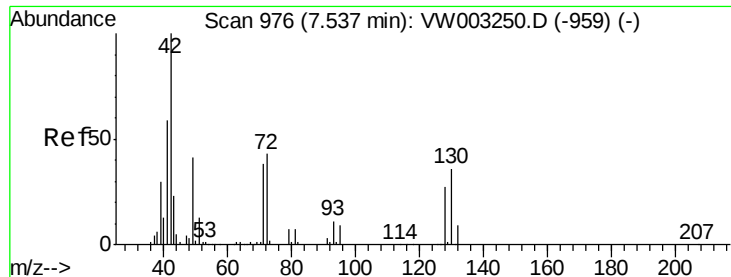
Ion Ratio Lower Upper

96 100

61 136.5 0.0 298.8

98 64.7 0.0 130.4

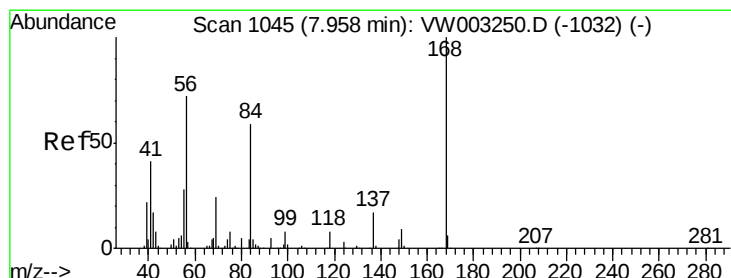
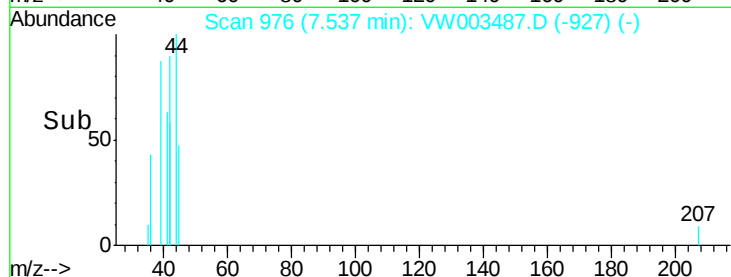
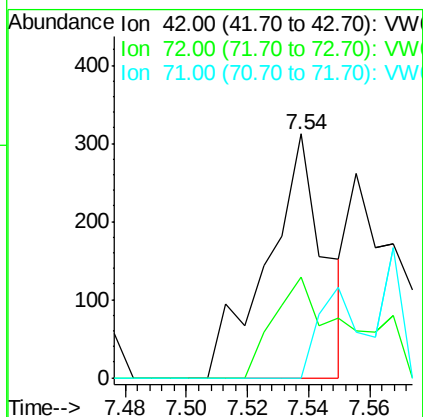
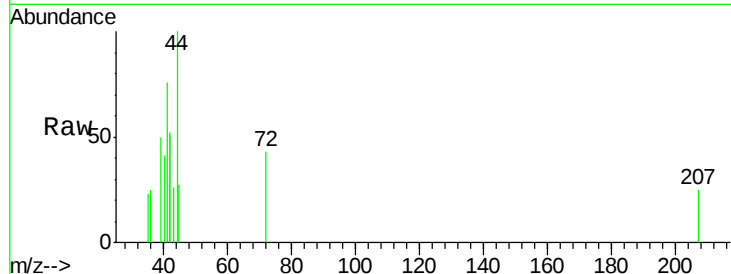




#29
Tetrahydrofuran
Concen: 1.556 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

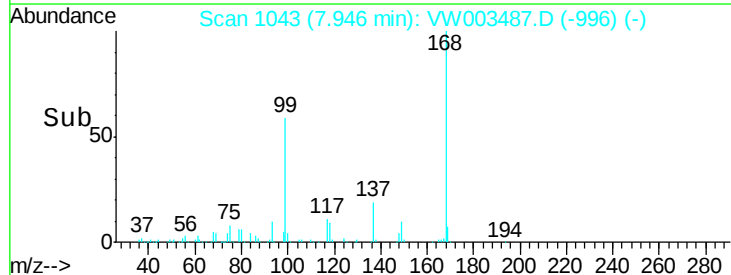
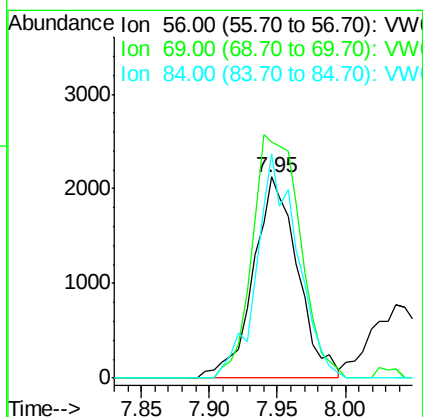
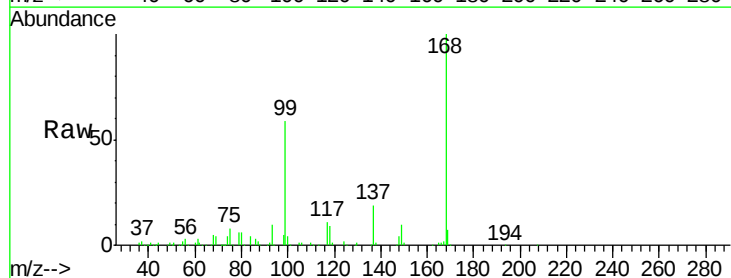
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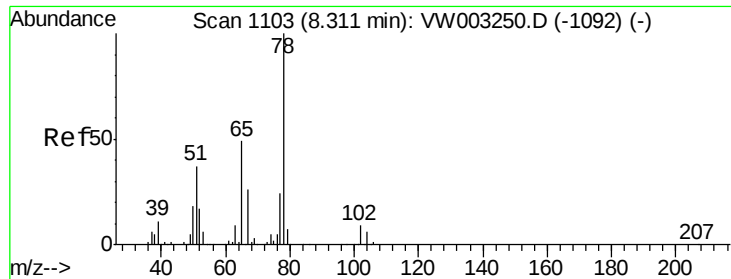
Tgt Ion: 42 Resp: 404
Ion Ratio Lower Upper
42 100
72 56.2 32.4 48.6#
71 0.0 31.2 46.8#



#31
Cyclohexane
Concen: 1.840 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

Tgt Ion: 56 Resp: 4845
Ion Ratio Lower Upper
56 100
69 117.3 26.3 39.5#
84 111.5 65.7 98.5#





#33

1,2-Dichloroethane-d4

Concen: 66.302 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003487.D

Acq: 24 Jun 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

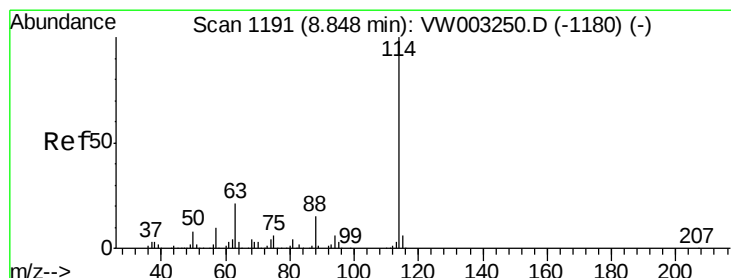
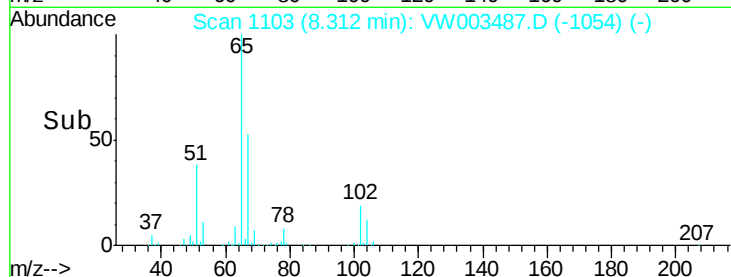
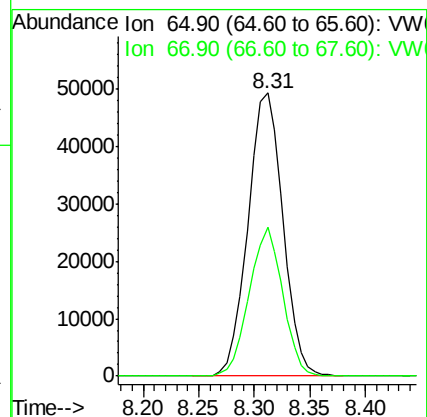
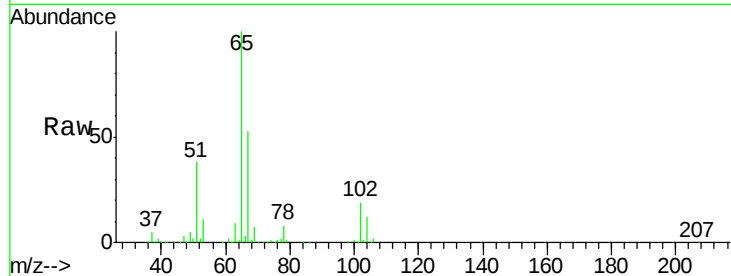
WP021SB487-21-23-180621

Tgt Ion: 65 Resp: 108016

Ion Ratio Lower Upper

65 100

67 50.5 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: VW003487.D

Acq: 24 Jun 2018 04:30

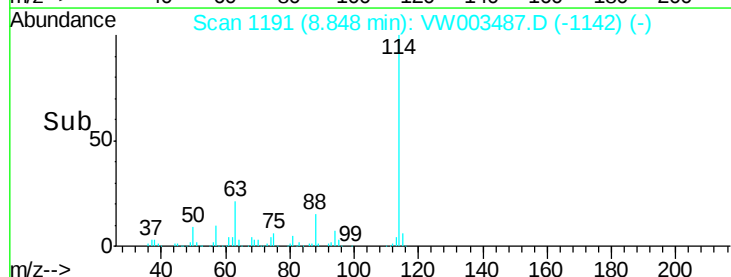
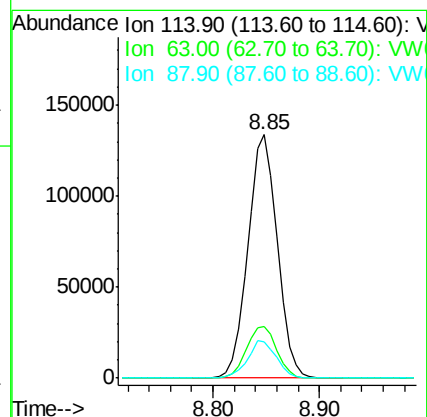
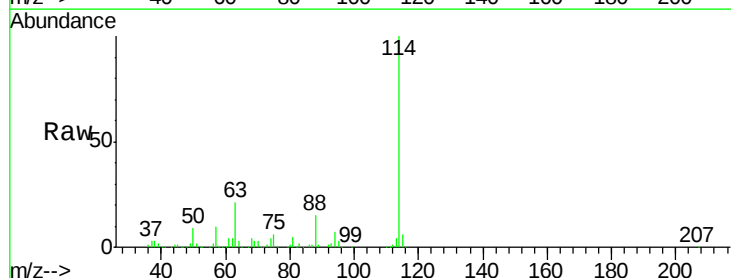
Tgt Ion: 114 Resp: 259002

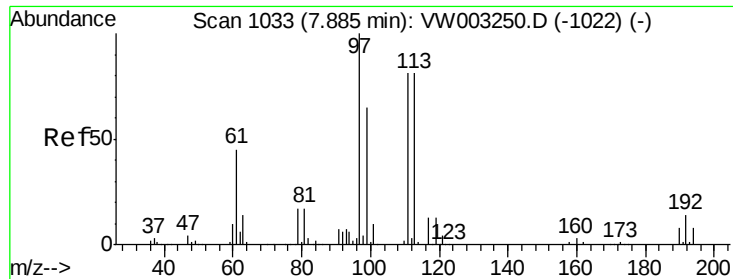
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 14.8 0.0 29.6

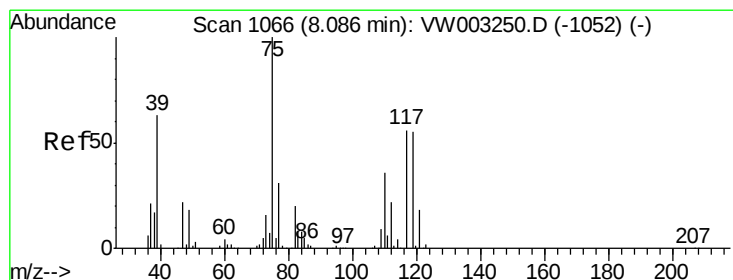
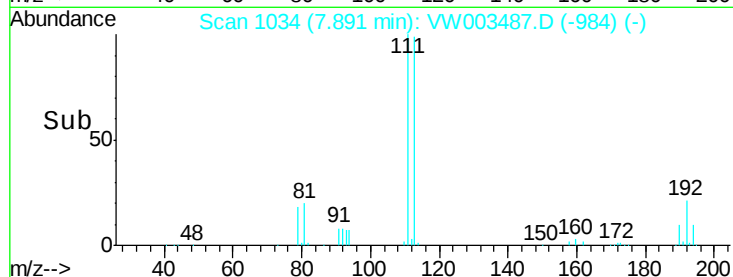
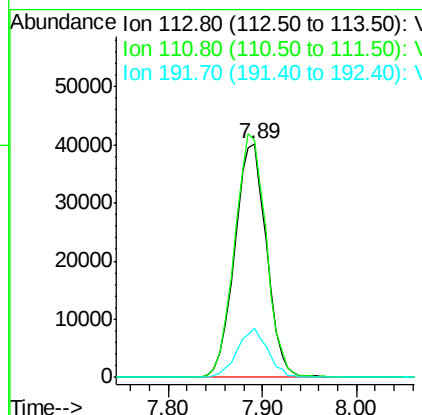
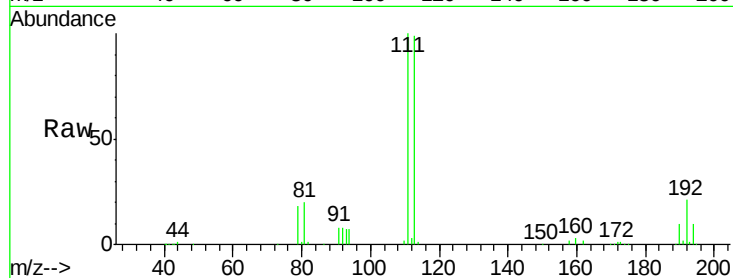




#35
 Dibromofluoromethane
 Concen: 58.664 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003487.D
 Acq: 24 Jun 2018 04:30

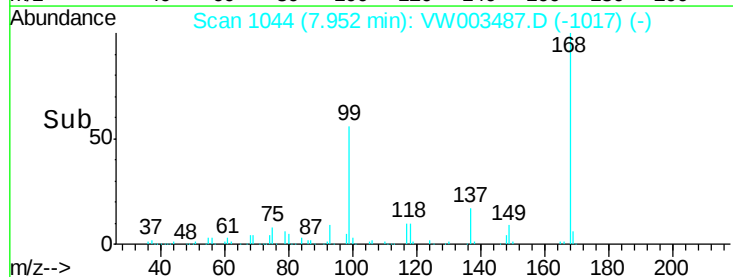
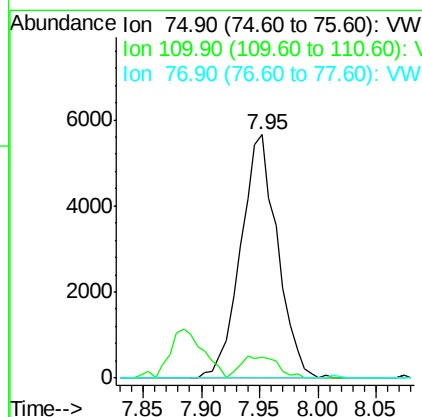
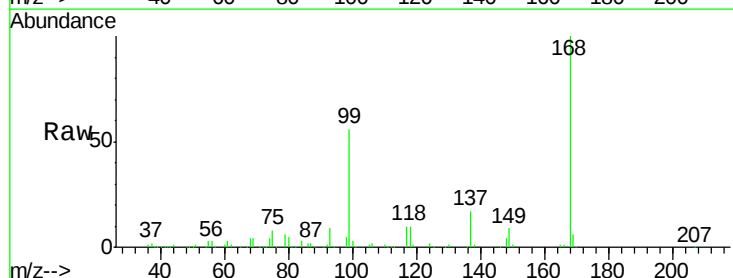
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-21-23-180621

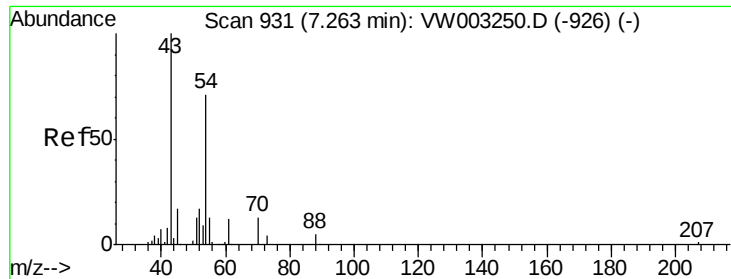
Tgt Ion:113 Resp: 94411
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.2
 192 20.1 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.955 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003487.D
 Acq: 24 Jun 2018 04:30

Tgt Ion: 75 Resp: 12395
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.1 51.3#
 77 0.0 24.9 37.3#

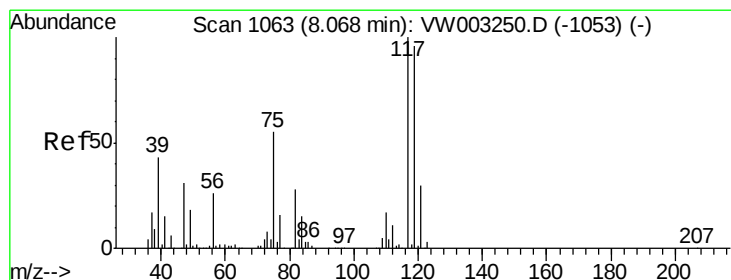
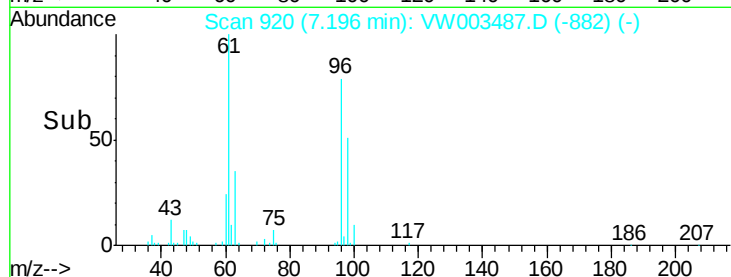
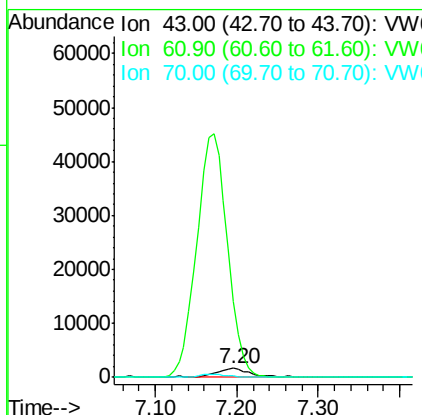
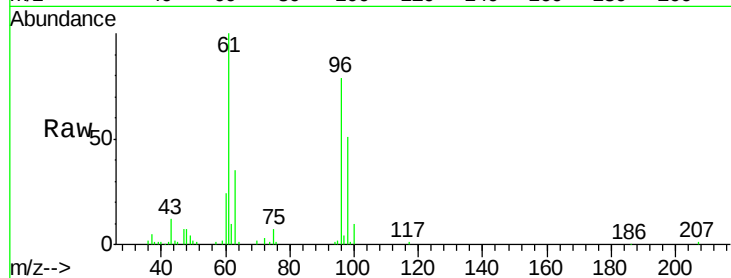




#37
Ethyl Acetate
Concen: 5.134 ug/l
RT: 7.20 min Scan# 920
Delta R.T. -0.07 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

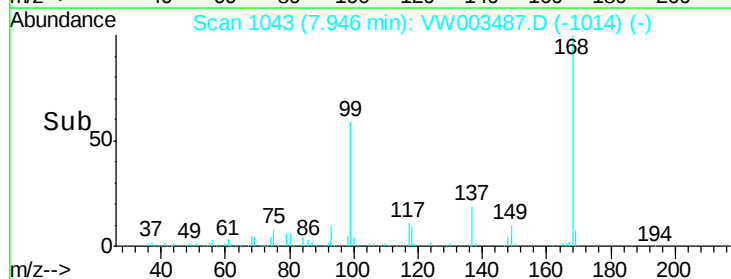
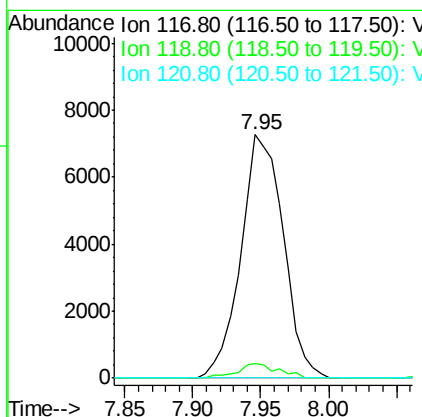
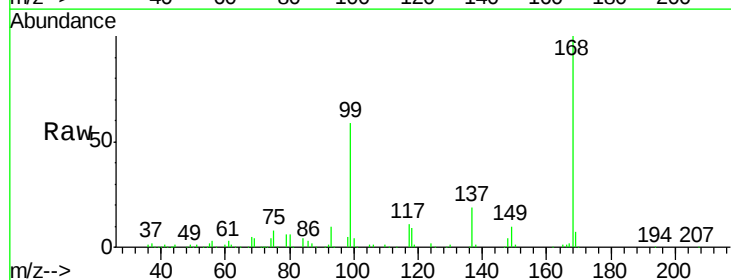
Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-21-23-180621

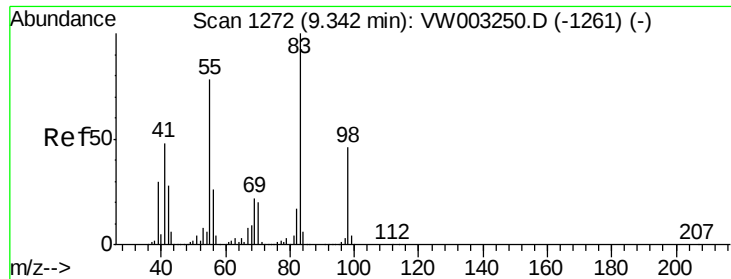
Tgt Ion: 43 Resp: 5320
Ion Ratio Lower Upper
43 100
61 0.0 10.8 16.2#
70 0.0 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 6.462 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

Tgt Ion: 117 Resp: 15854
Ion Ratio Lower Upper
117 100
119 5.8 76.6 115.0#
121 0.0 23.9 35.9#

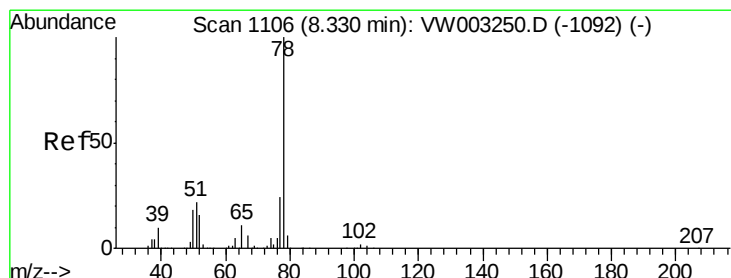
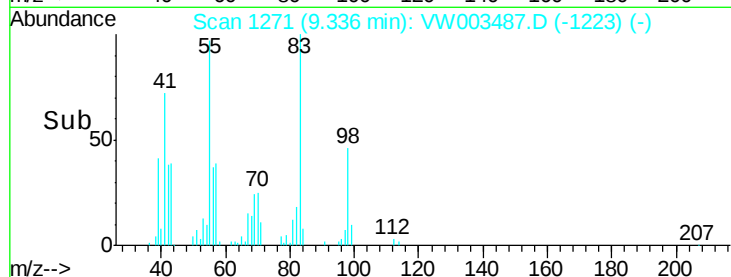
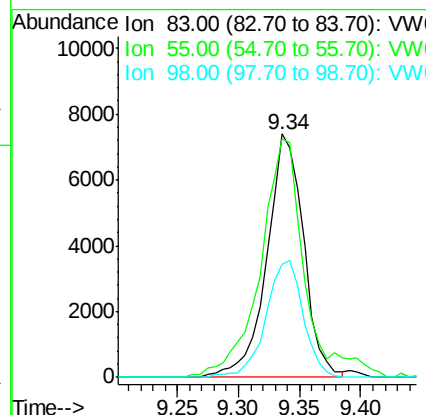
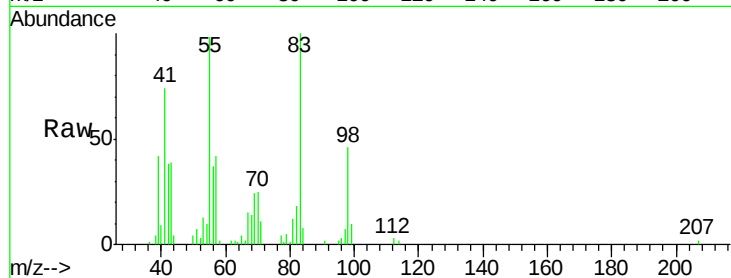




#39
Methylcyclohexane
Concen: 5.341 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

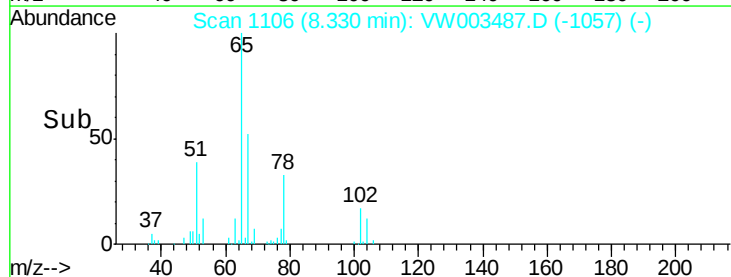
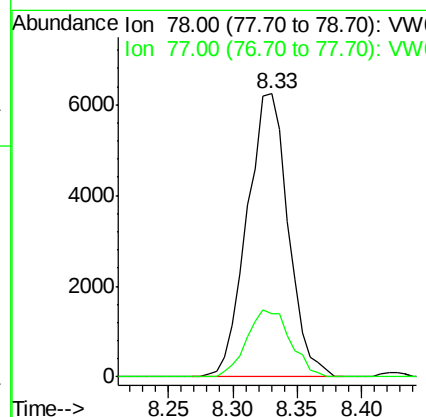
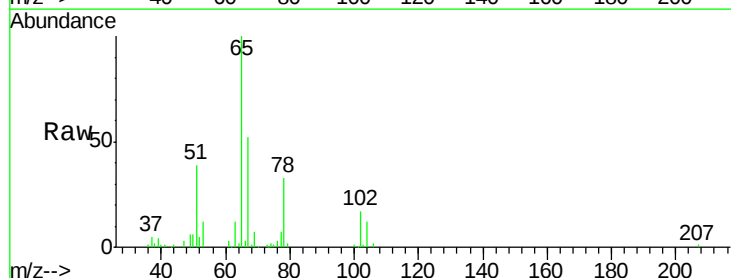
Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-21-23-180621

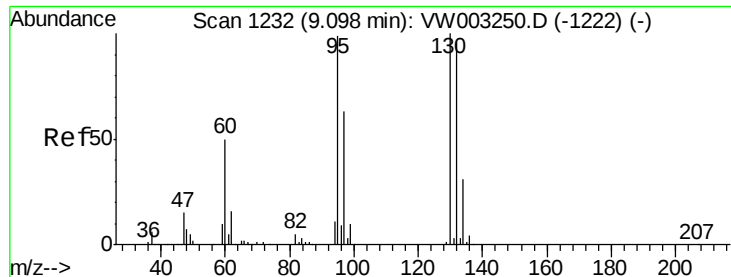
Tgt Ion: 83 Resp: 15459
Ion Ratio Lower Upper
83 100
55 96.9 62.6 93.8#
98 46.3 37.0 55.4



#40
Benzene
Concen: 2.002 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

Tgt Ion: 78 Resp: 13806
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.6





#44

Trichloroethene

Concen: 11.189 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003487.D

Acq: 24 Jun 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

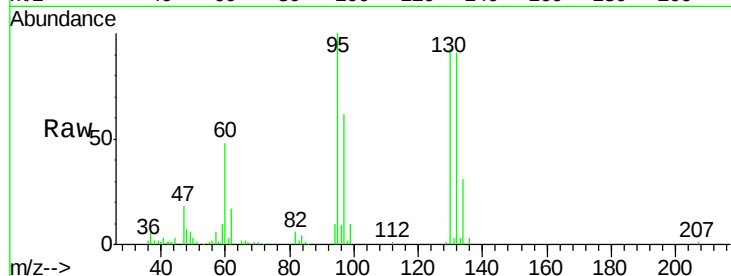
WP021SB487-21-23-180621

Tgt Ion:130 Resp: 20442

Ion Ratio Lower Upper

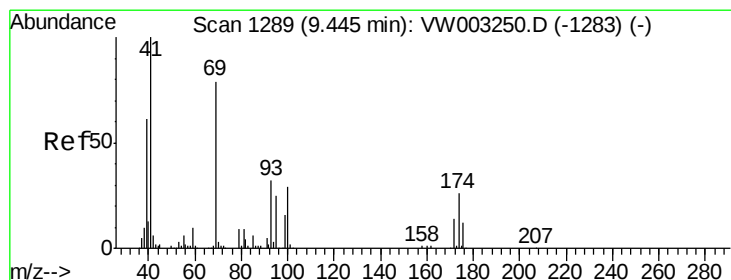
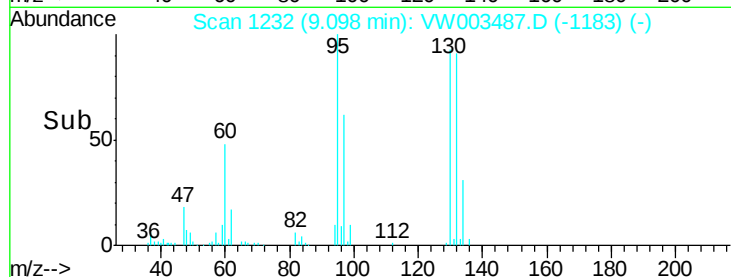
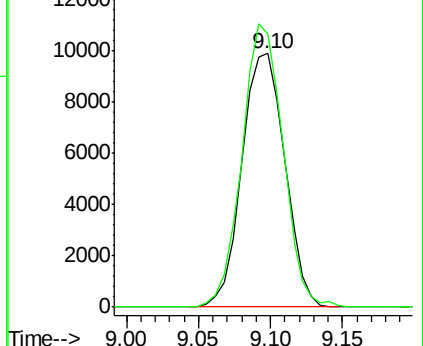
130 100

95 107.7 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#48

Methyl methacrylate

Concen: 2.040 ug/l

RT: 9.47 min Scan# 1293

Delta R.T. 0.02 min

Lab File: VW003487.D

Acq: 24 Jun 2018 04:30

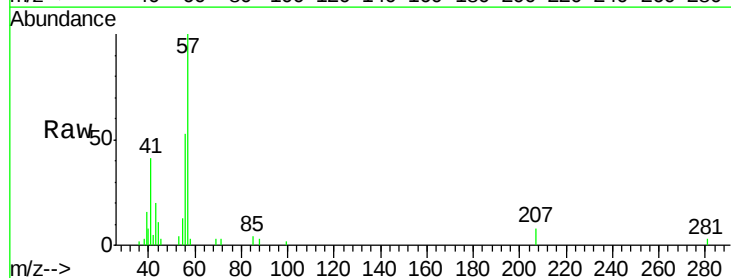
Tgt Ion: 41 Resp: 1973

Ion Ratio Lower Upper

41 100

69 0.0 65.4 98.2#

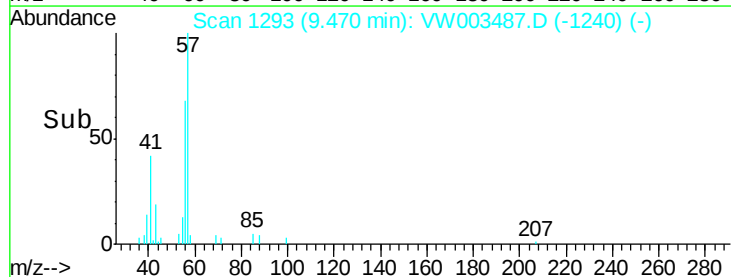
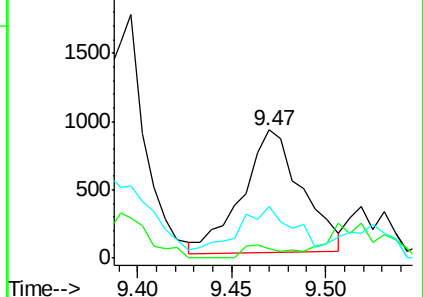
39 43.8 54.2 81.2#

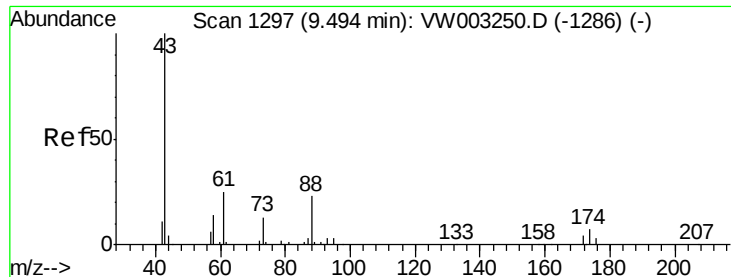


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

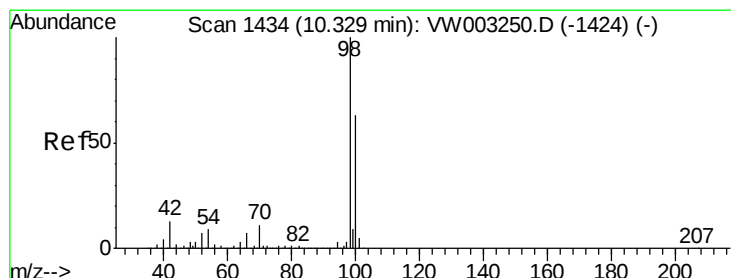
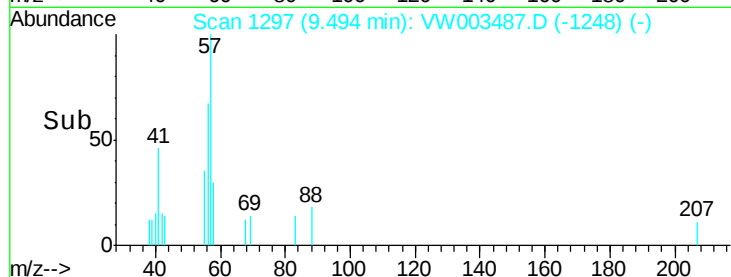
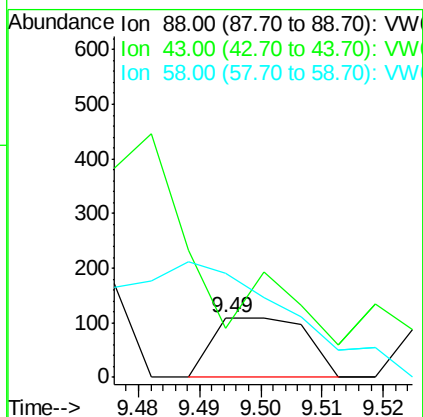
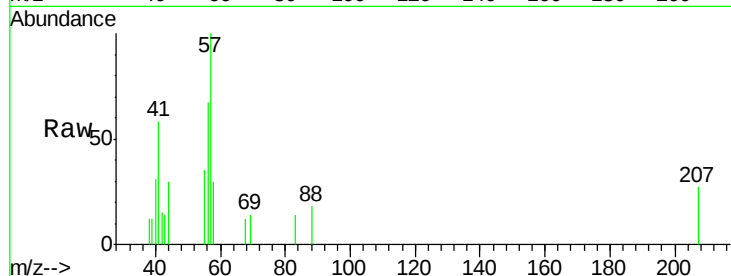




#49
1,4-Dioxane
Concen: 8.548 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

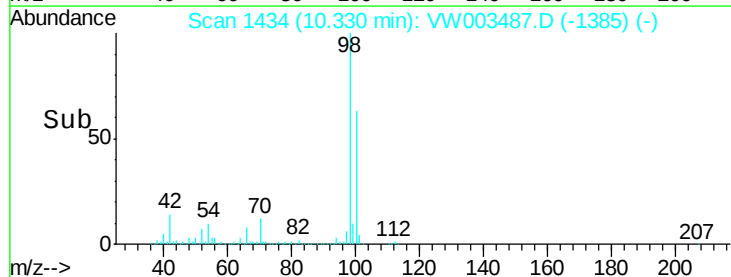
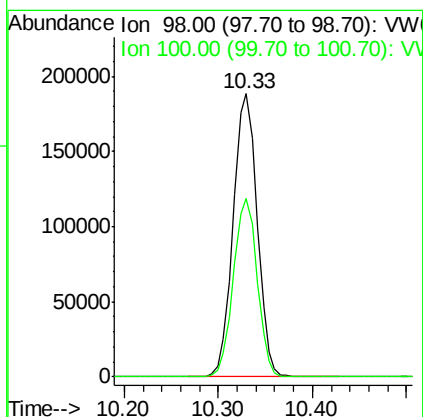
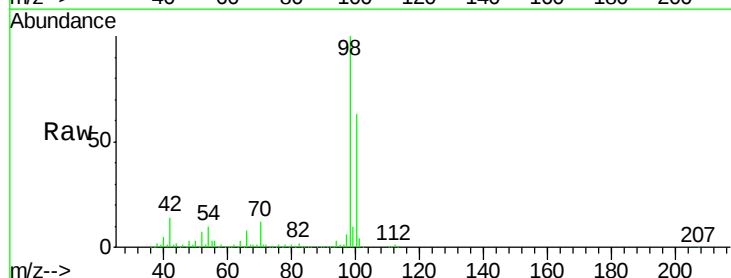
Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-21-23-180621

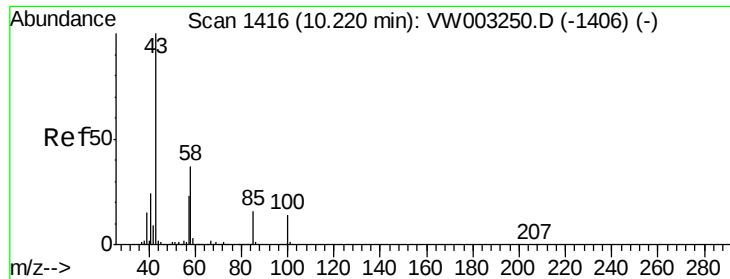
Tgt Ion: 88 Resp: 116
Ion Ratio Lower Upper
88 100
43 0.0 454.7 682.1#
58 349.1 58.6 88.0#



#50
Toluene-d8
Concen: 52.261 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

Tgt Ion: 98 Resp: 333499
Ion Ratio Lower Upper
98 100
100 62.7 50.8 76.2

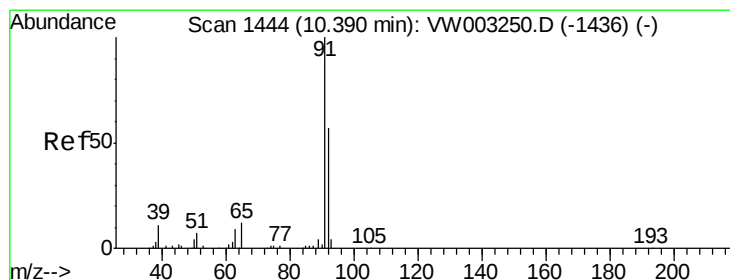
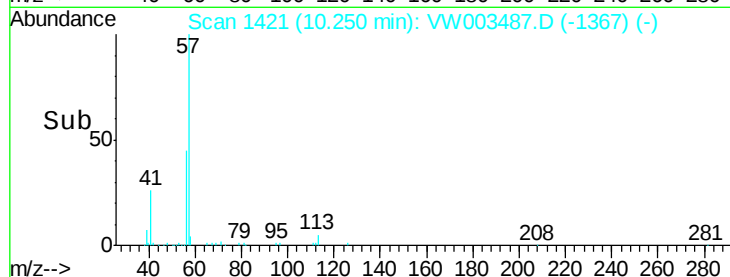
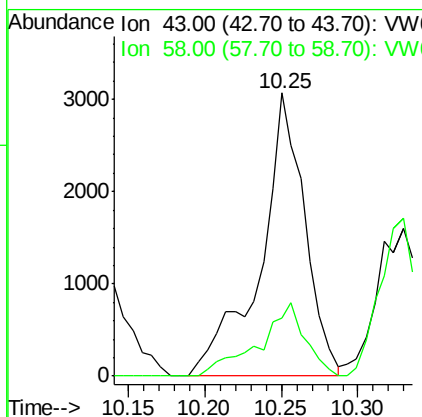
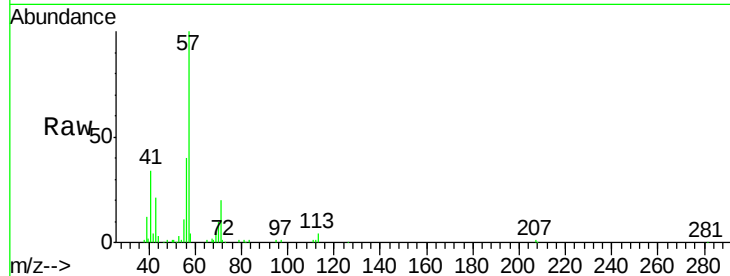




#51
 4-Methyl-2-Pentanone
 Concen: 5.942 ug/l
 RT: 10.25 min Scan# 1421
 Delta R.T. 0.03 min
 Lab File: VW003487.D
 Acq: 24 Jun 2018 04:30

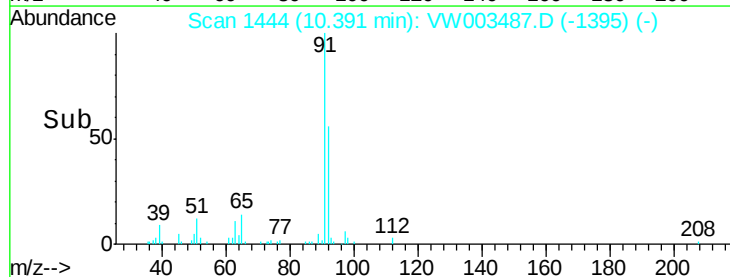
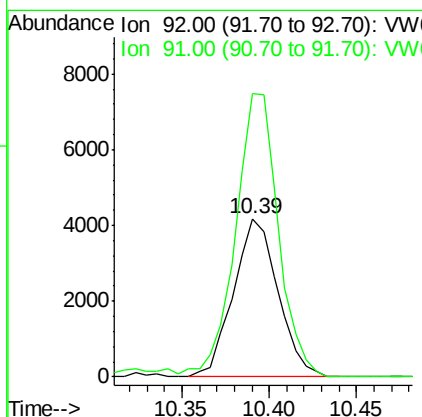
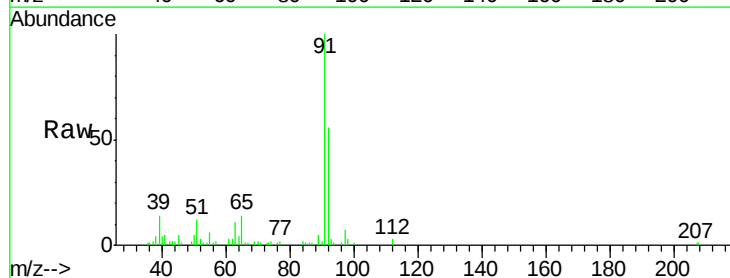
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-21-23-180621

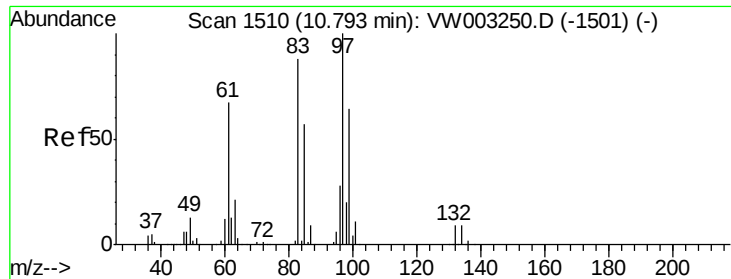
Tgt Ion: 43 Resp: 6230
 Ion Ratio Lower Upper
 43 100
 58 26.8 29.0 43.4#



#52
 Toluene
 Concen: 1.677 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003487.D
 Acq: 24 Jun 2018 04:30

Tgt Ion: 92 Resp: 7413
 Ion Ratio Lower Upper
 92 100
 91 172.1 141.1 211.7

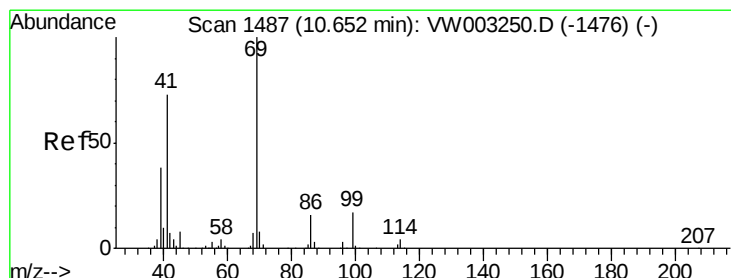
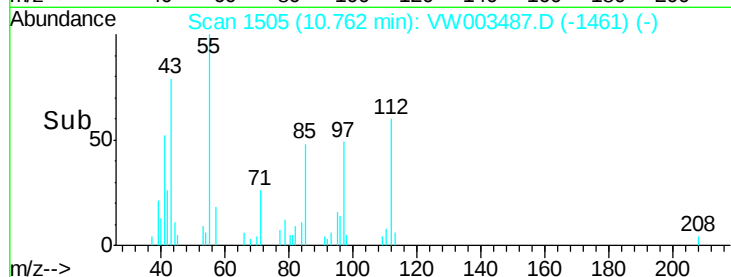
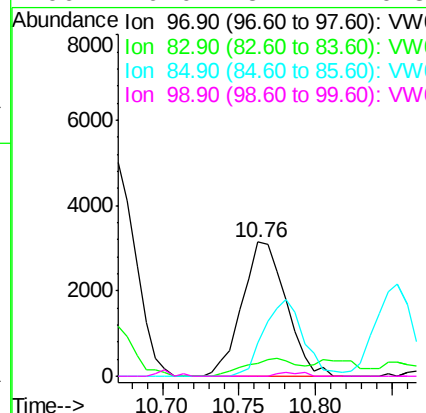
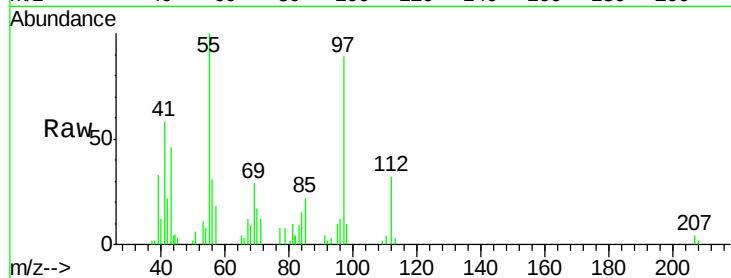




#55
 1,1,2-Trichloroethane
 Concen: 4.989 ug/l
 RT: 10.76 min Scan# 1505
 Delta R.T. -0.03 min
 Lab File: VW003487.D
 Acq: 24 Jun 2018 04:30

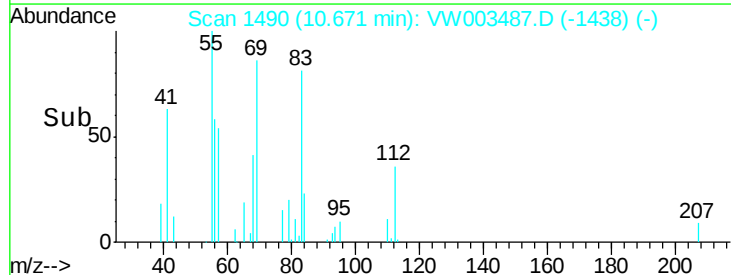
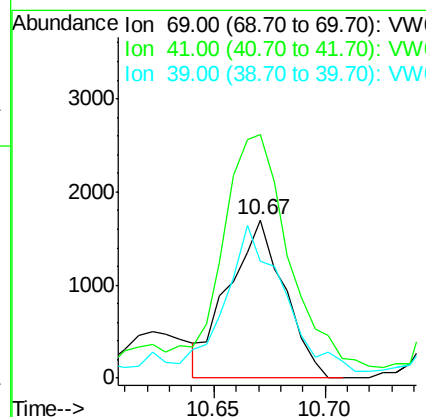
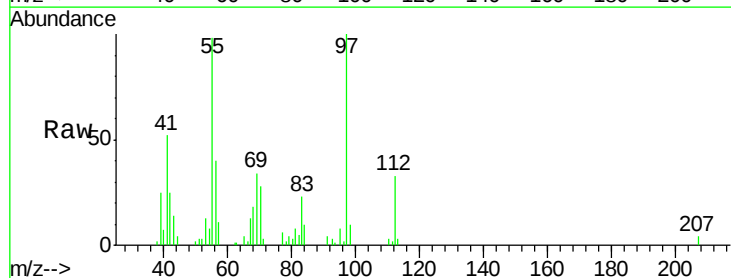
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-21-23-180621

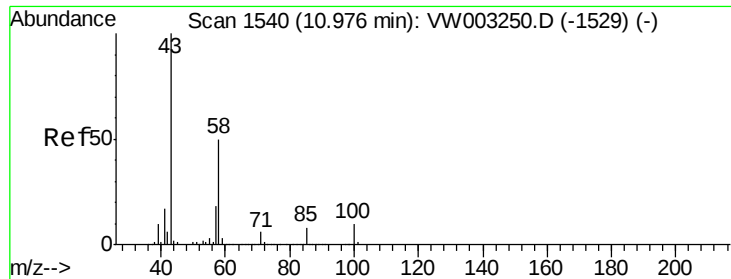
Tgt Ion: 97 Resp: 6319
 Ion Ratio Lower Upper
 97 100
 83 9.7 70.2 105.2#
 85 24.9 45.6 68.4#
 99 0.0 51.2 76.8#



#56
 Ethyl methacrylate
 Concen: 1.925 ug/l
 RT: 10.67 min Scan# 1490
 Delta R.T. 0.02 min
 Lab File: VW003487.D
 Acq: 24 Jun 2018 04:30

Tgt Ion: 69 Resp: 2960
 Ion Ratio Lower Upper
 69 100
 41 172.2 57.8 86.6#
 39 93.6 32.7 49.1#

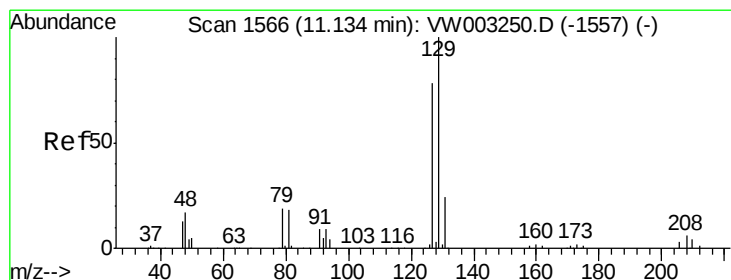
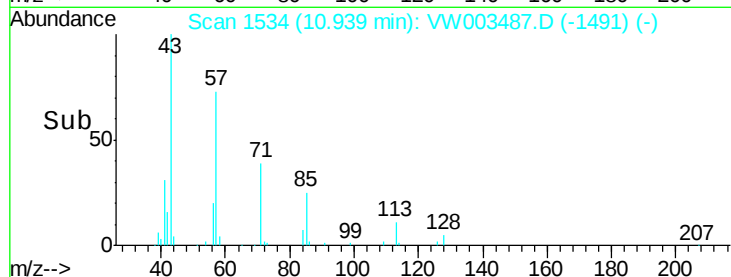
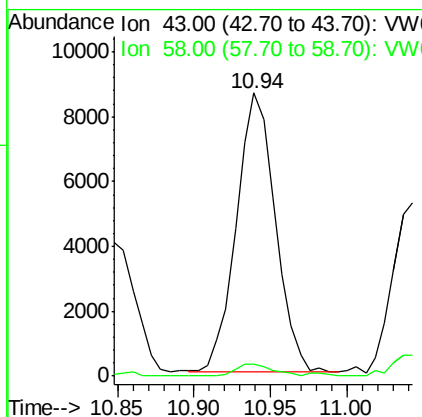
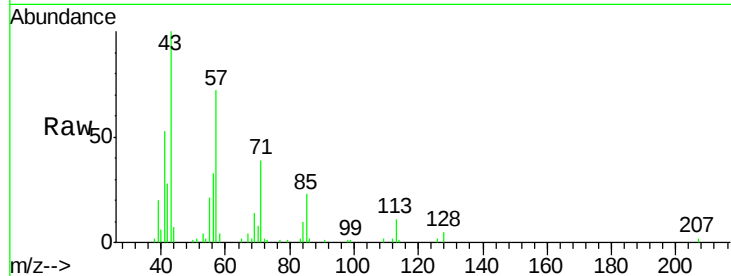




#59
2-Hexanone
Concen: 20.705 ug/l
RT: 10.94 min Scan# 1534
Delta R.T. -0.04 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

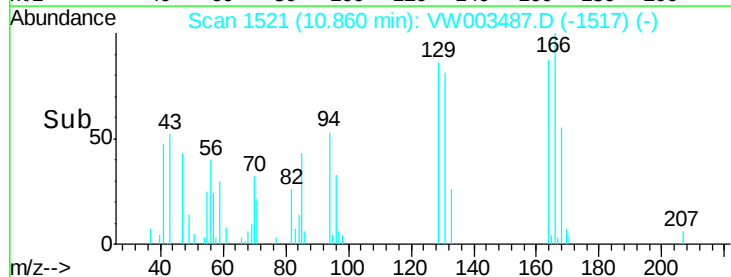
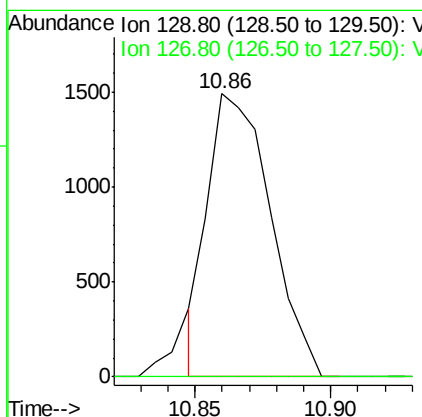
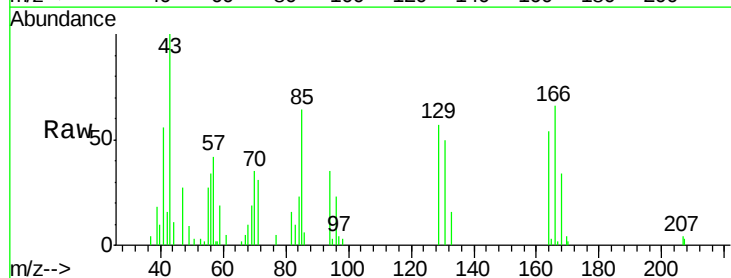
Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-21-23-180621

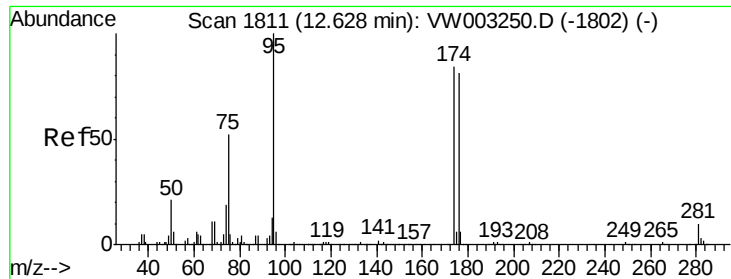
Tgt Ion: 43 Resp: 15165
Ion Ratio Lower Upper
43 100
58 4.1 25.0 75.0#



#60
Dibromochloromethane
Concen: 1.582 ug/l
RT: 10.86 min Scan# 1521
Delta R.T. -0.27 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

Tgt Ion: 129 Resp: 2382
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.5#

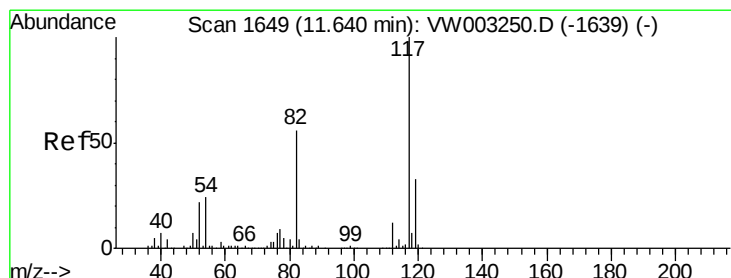
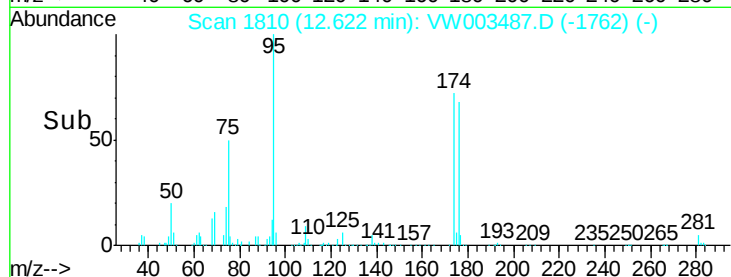
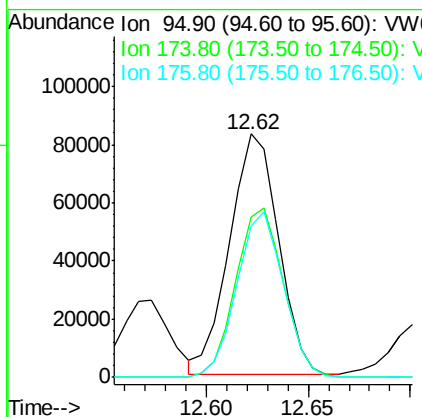
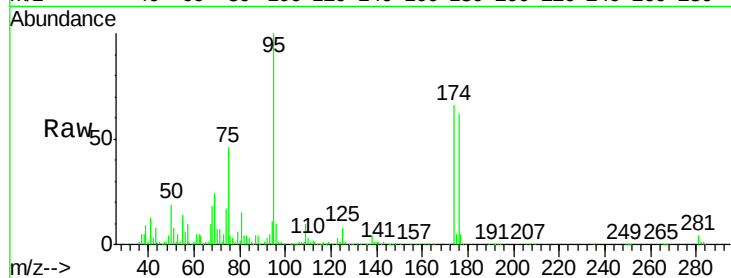




#62
4-Bromofluorobenzene
Concen: 60.866 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

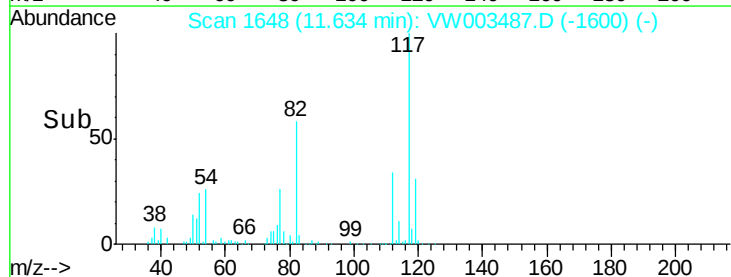
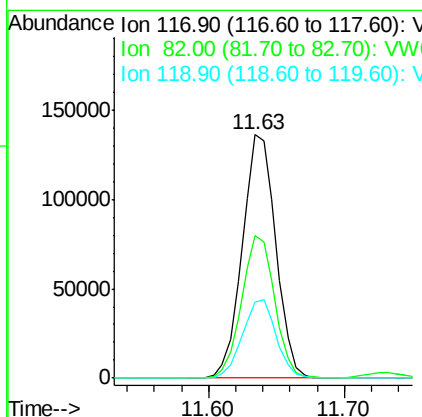
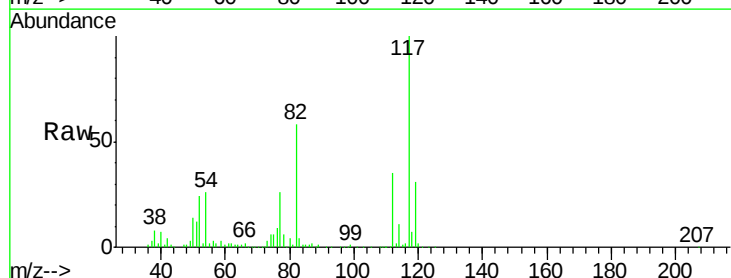
Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-21-23-180621

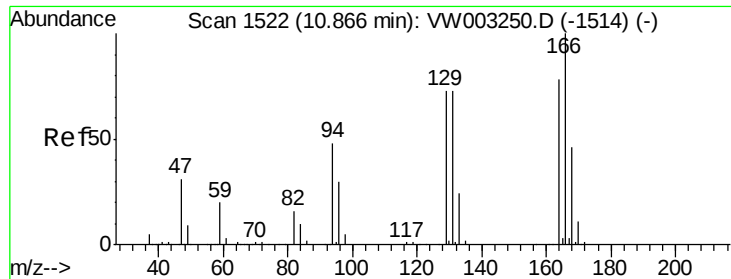
Tgt Ion: 95 Resp: 137457
Ion Ratio Lower Upper
95 100
174 69.0 0.0 166.4
176 65.9 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

Tgt Ion: 117 Resp: 234345
Ion Ratio Lower Upper
117 100
82 58.2 44.6 67.0
119 31.2 26.7 40.1





#64

Tetrachloroethene

Concen: 1.804 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW003487.D

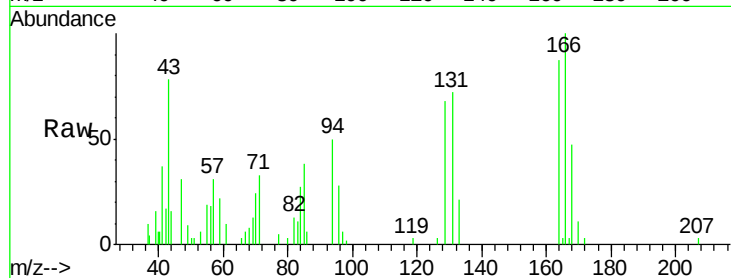
Acq: 24 Jun 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion:164 Resp: 2828

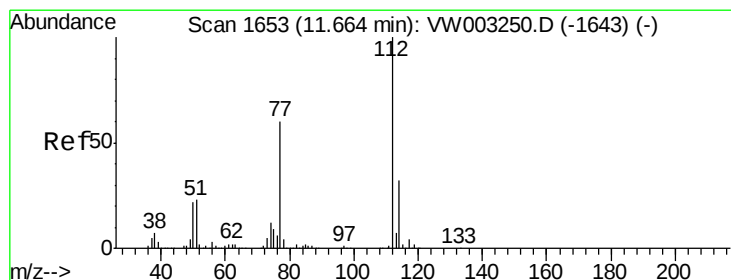
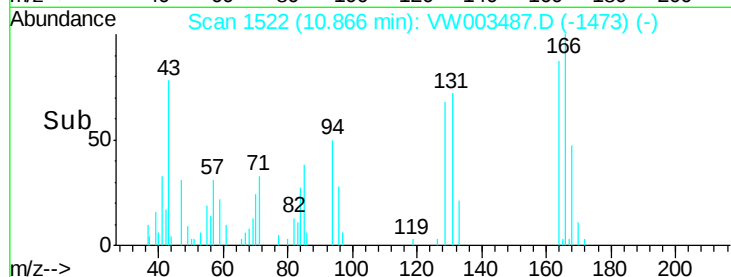
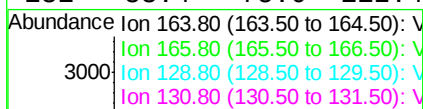
Ion Ratio Lower Upper

164 100

166 115.4 102.6 154.0

129 78.3 75.2 112.8

131 83.4 75.0 112.4



#65

Chlorobenzene

Concen: 488.941 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003487.D

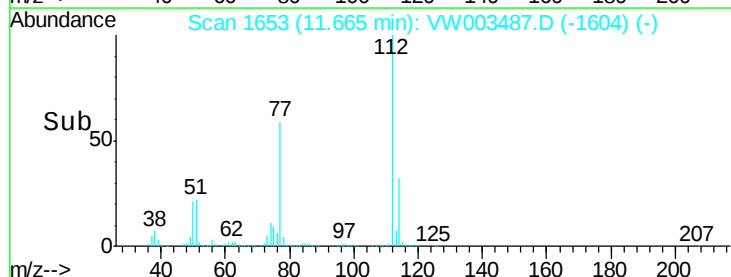
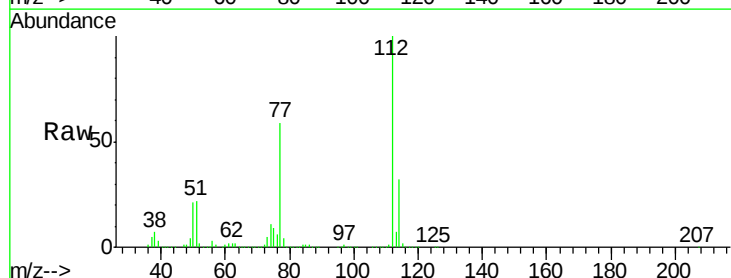
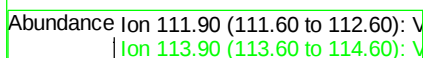
Acq: 24 Jun 2018 04:30

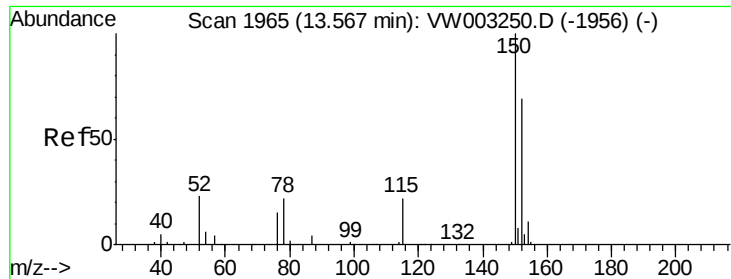
Tgt Ion:112 Resp: 2386049

Ion Ratio Lower Upper

112 100

114 32.2 25.9 38.9



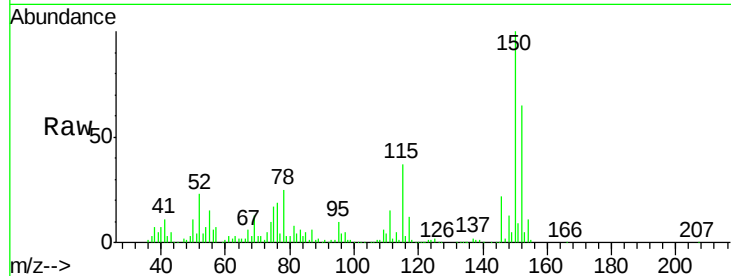


#72

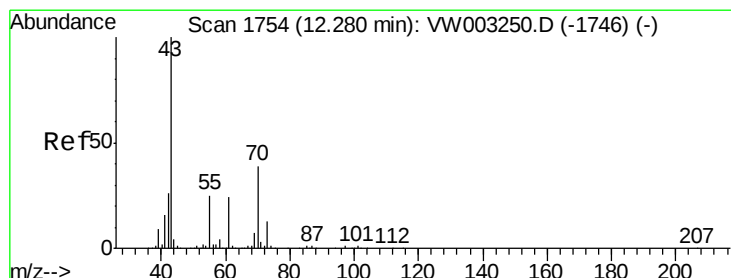
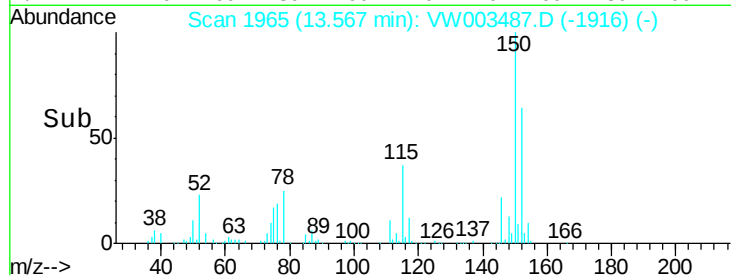
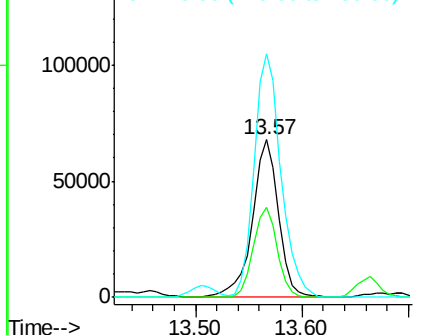
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-21-23-180621

Tgt Ion:152 Resp: 116299
Ion Ratio Lower Upper
152 100
115 52.3 29.3 88.0
150 158.8 0.0 349.6



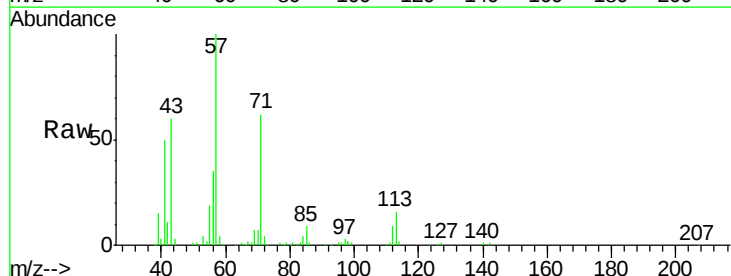
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



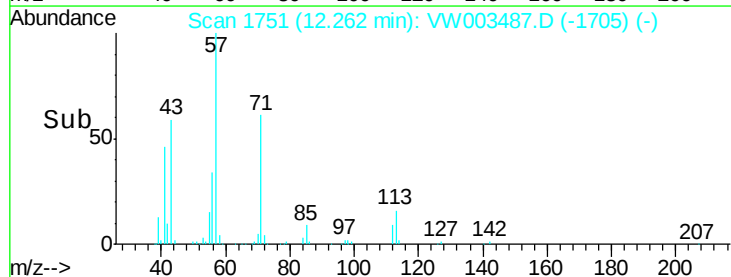
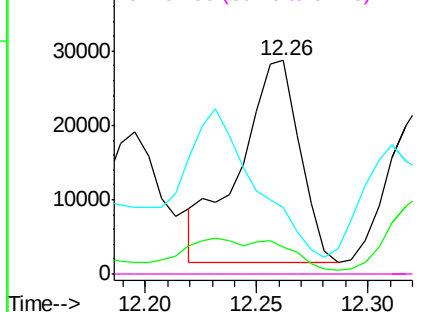
#74

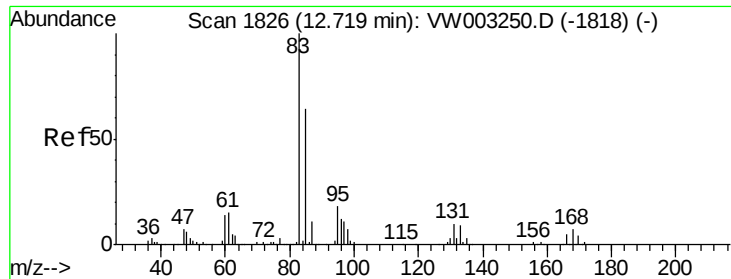
N-ethyl acetate
Concen: 27.826 ug/l
RT: 12.26 min Scan# 1751
Delta R.T. -0.02 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

Tgt Ion: 43 Resp: 51232
Ion Ratio Lower Upper
43 100
70 0.0 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





#75

1,1,2,2-Tetrachloroethane

Concen: 7.544 ug/l

RT: 12.68 min Scan# 1820

Delta R.T. -0.04 min

Lab File: VW003487.D

Acq: 24 Jun 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

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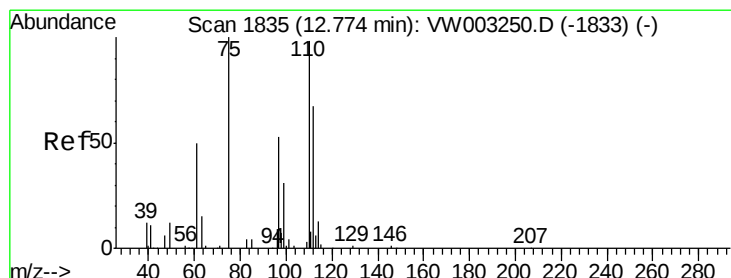
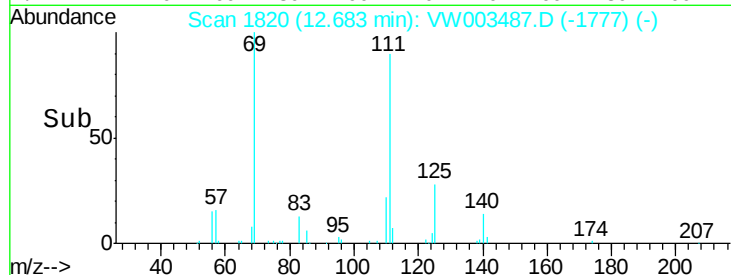
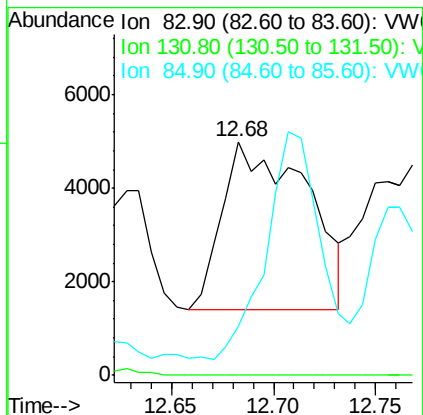
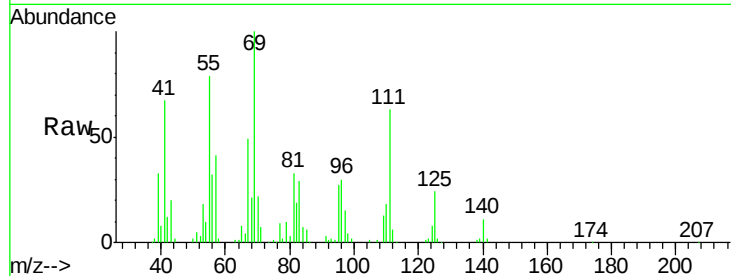
Tgt Ion: 83 Resp: 10324

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 64.308 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003487.D

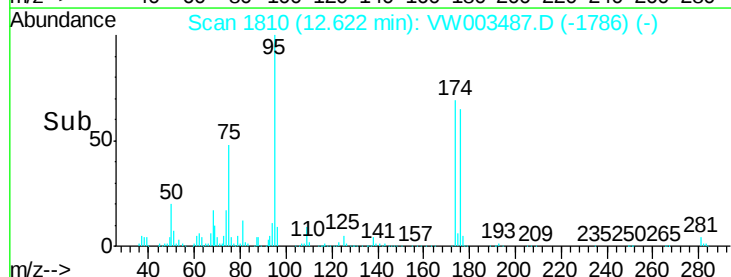
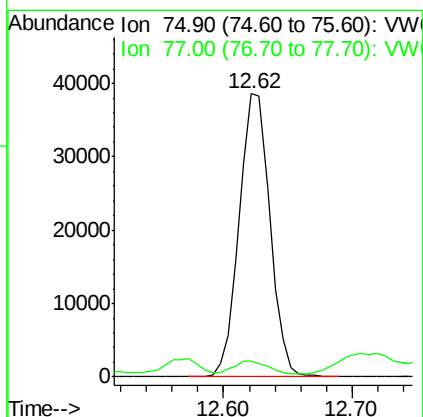
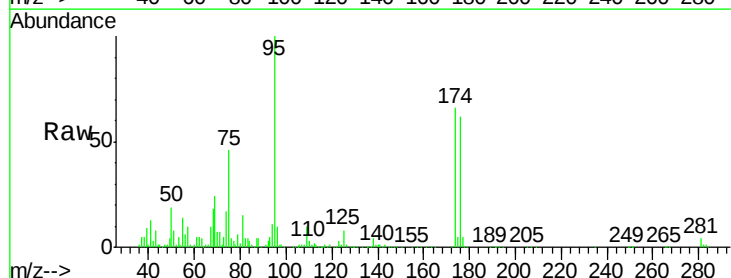
Acq: 24 Jun 2018 04:30

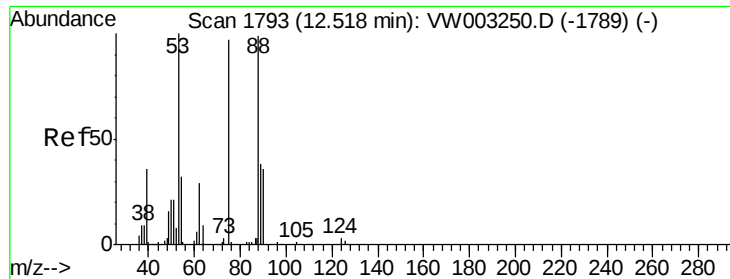
Tgt Ion: 75 Resp: 63936

Ion Ratio Lower Upper

75 100

77 5.0 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 147.975 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003487.D

Acq: 24 Jun 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-21-23-180621

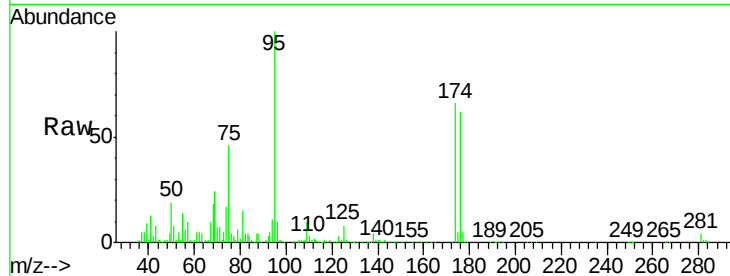
Tgt Ion: 75 Resp: 63936

Ion Ratio Lower Upper

75 100

53 7.8 82.9 124.3#

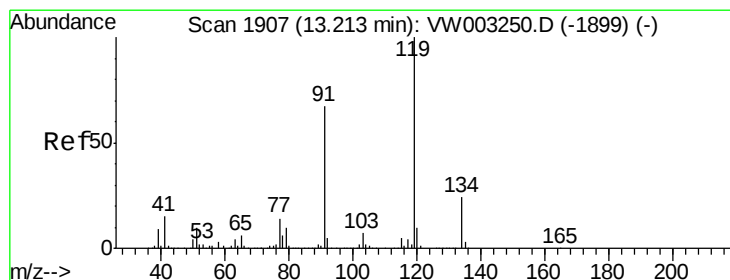
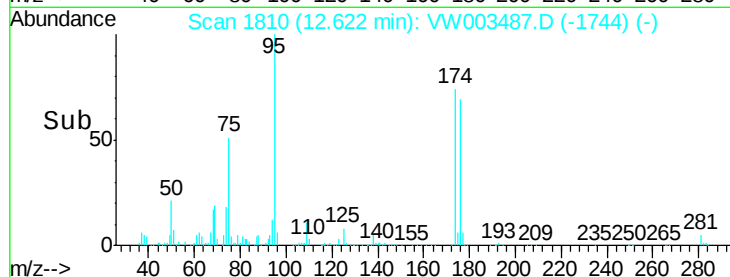
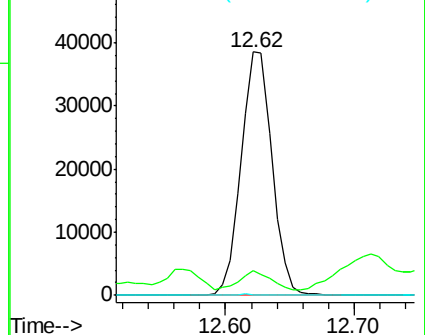
89 0.2 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#83

tert-Butylbenzene

Concen: 16.162 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW003487.D

Acq: 24 Jun 2018 04:30

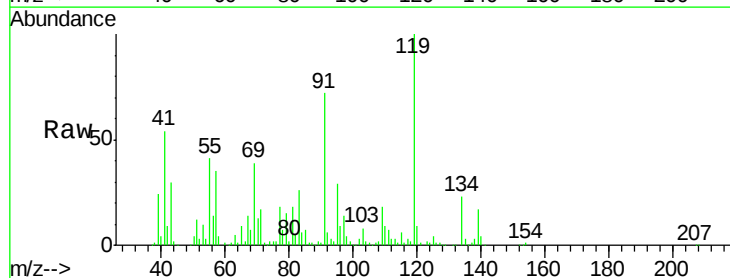
Tgt Ion: 119 Resp: 93517

Ion Ratio Lower Upper

119 100

91 69.7 33.9 101.7

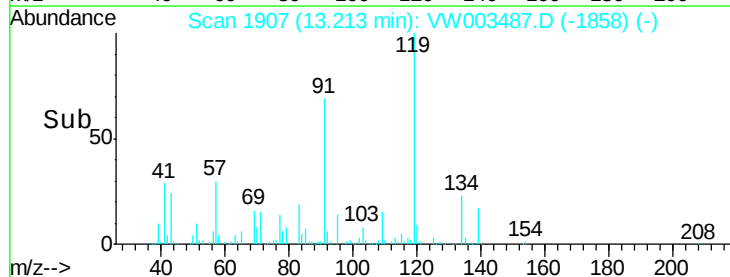
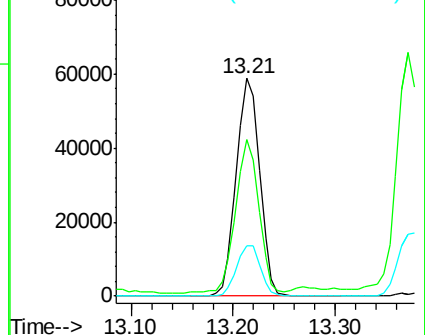
134 23.8 13.4 40.1

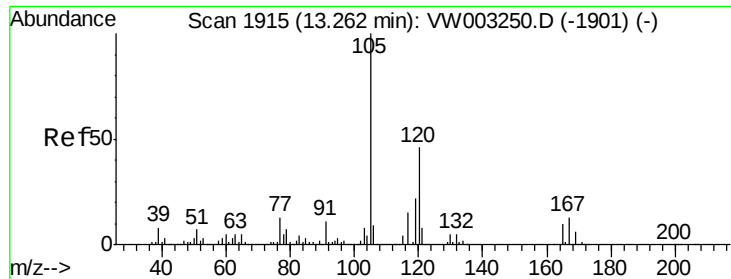


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

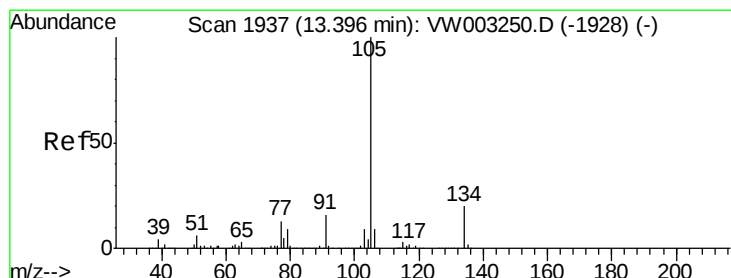
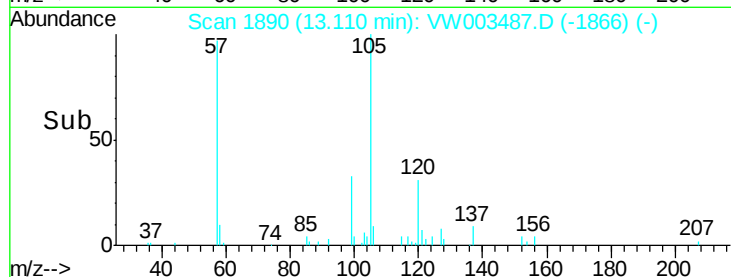
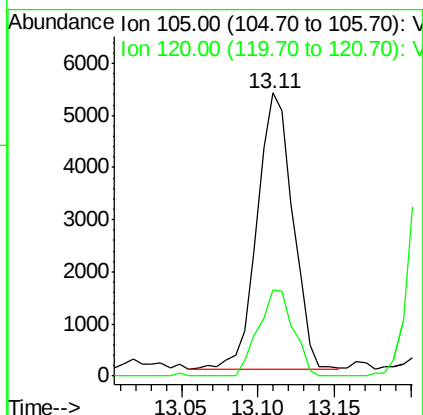
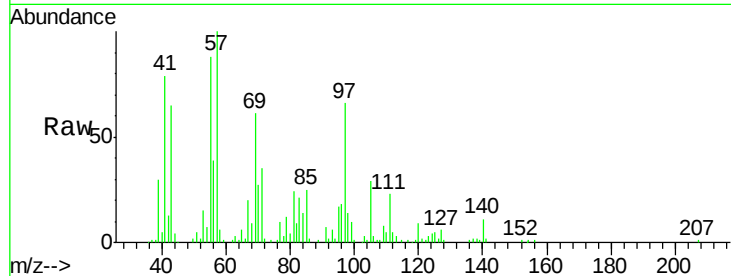




#84
1,2,4-Trimethylbenzene
Concen: 1.243 ug/l
RT: 13.11 min Scan# 1890
Delta R.T. -0.15 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

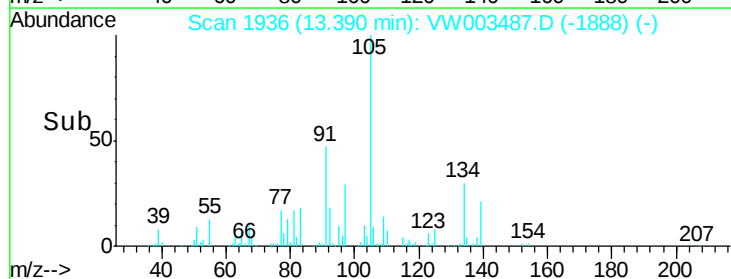
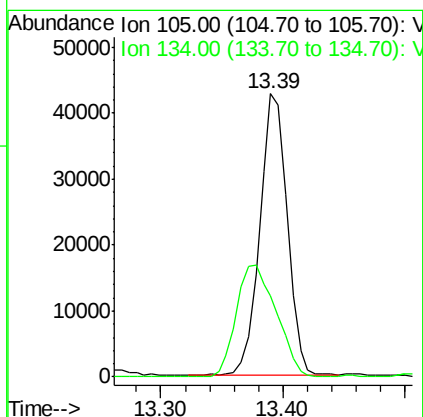
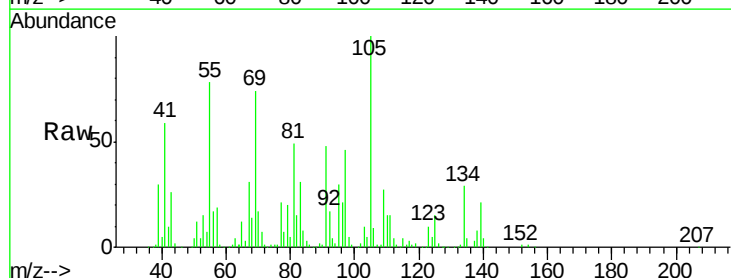
Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-21-23-180621

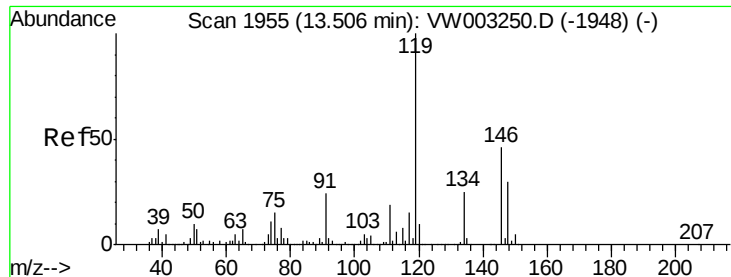
Tgt Ion:105 Resp: 8683
Ion Ratio Lower Upper
105 100
120 30.3 22.5 67.5



#85
sec-Butylbenzene
Concen: 7.854 ug/l
RT: 13.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VW003487.D
Acq: 24 Jun 2018 04:30

Tgt Ion:105 Resp: 67548
Ion Ratio Lower Upper
105 100
134 56.7 9.8 29.5#

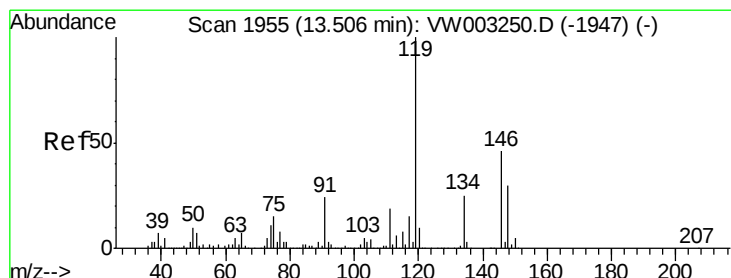
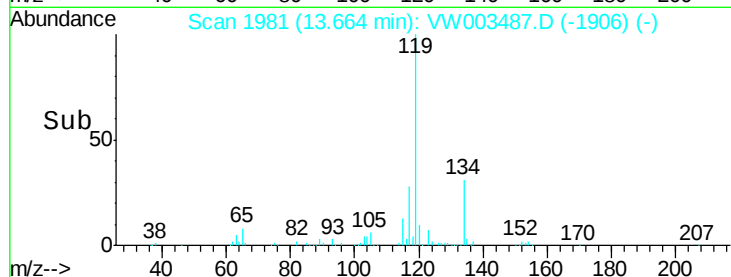
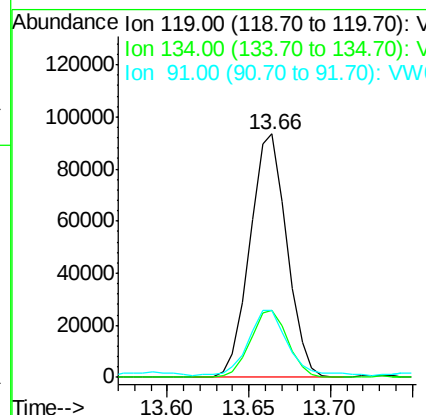
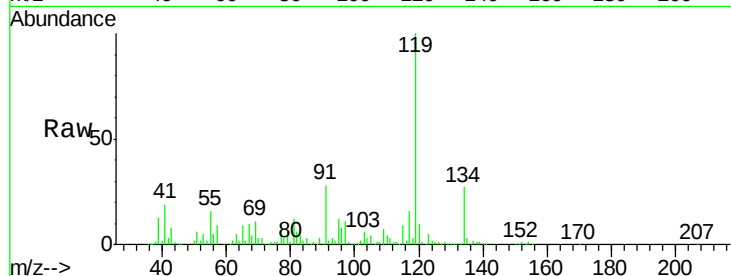




#86
 p-Isopropyltoluene
 Concen: 19.380 ug/l
 RT: 13.66 min Scan# 1981
 Delta R.T. 0.16 min
 Lab File: VW003487.D
 Acq: 24 Jun 2018 04:30

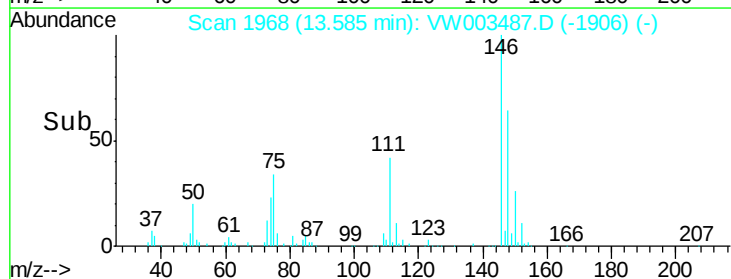
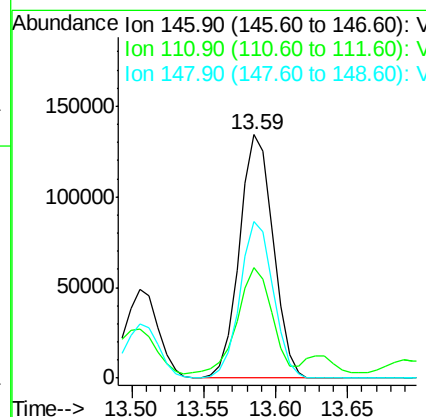
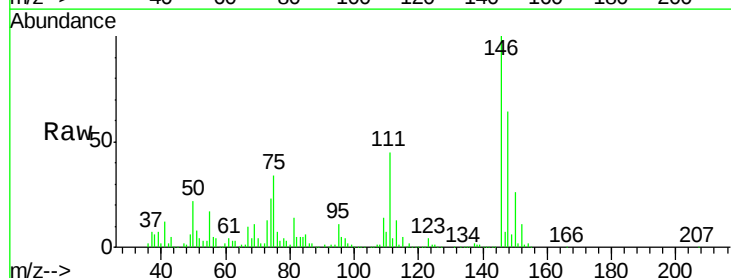
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-21-23-180621

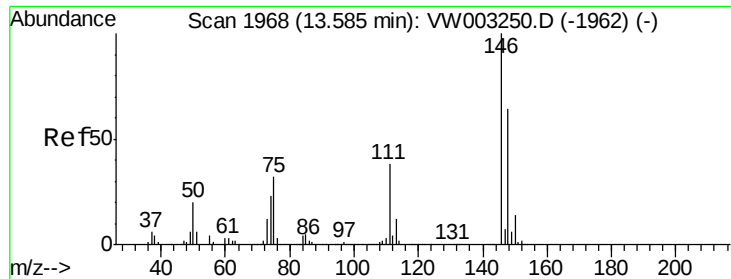
Tgt Ion:119 Resp: 147019
 Ion Ratio Lower Upper
 119 100
 134 27.8 12.9 38.7
 91 28.5 11.8 35.3



#87
 1,3-Dichlorobenzene
 Concen: 56.455 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.08 min
 Lab File: VW003487.D
 Acq: 24 Jun 2018 04:30

Tgt Ion:146 Resp: 218484
 Ion Ratio Lower Upper
 146 100
 111 45.0 19.8 59.4
 148 63.5 32.1 96.5

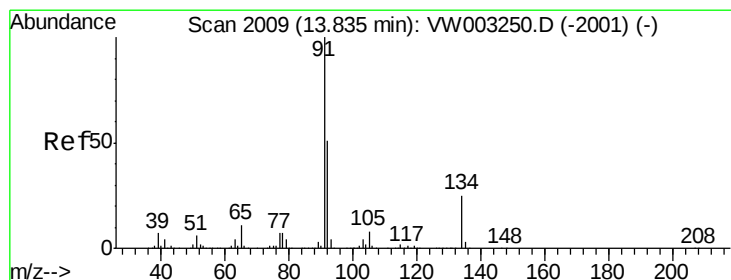
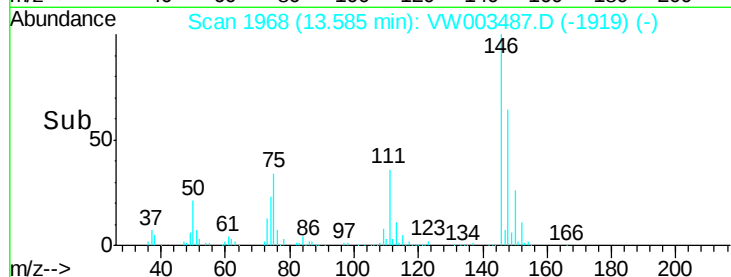
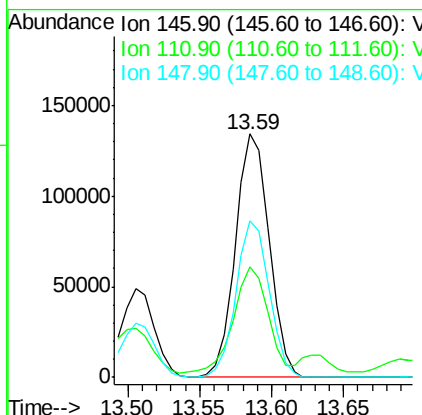
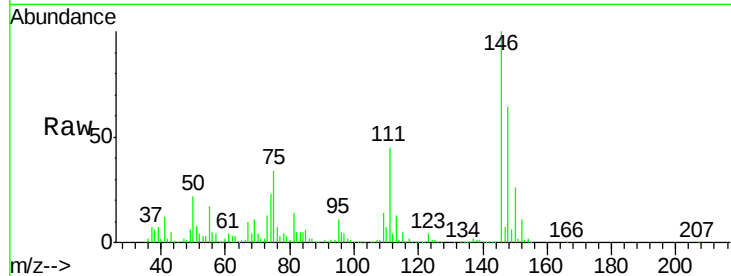




#88
 1,4-Dichlorobenzene
 Concen: 56.788 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003487.D
 Acq: 24 Jun 2018 04:30

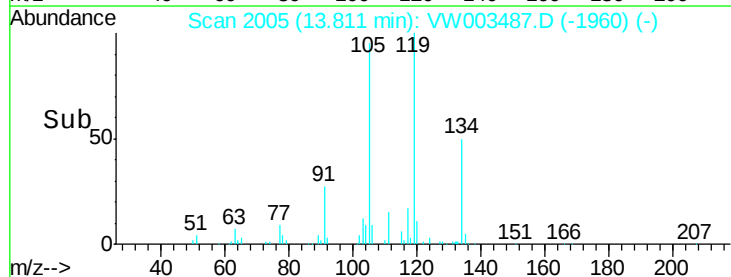
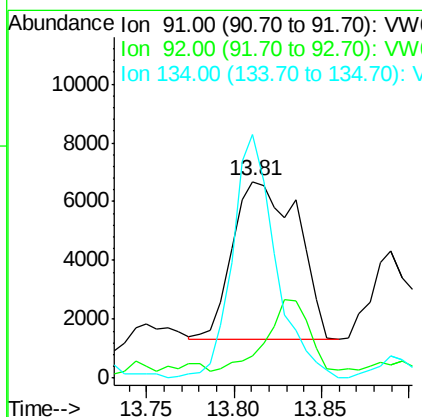
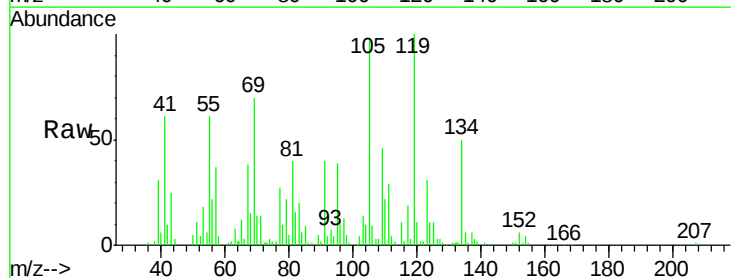
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-21-23-180621

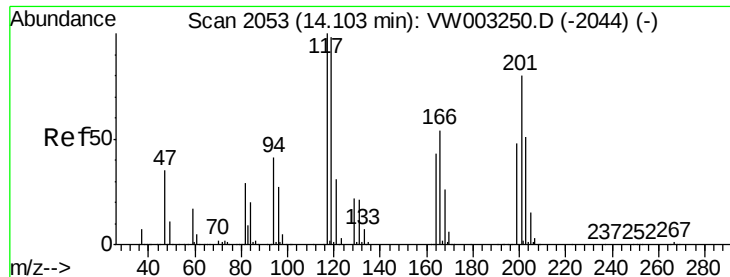
Tgt Ion:146 Resp: 218484
 Ion Ratio Lower Upper
 146 100
 111 45.0 19.2 57.6
 148 63.5 31.8 95.4



#89
 n-Butylbenzene
 Concen: 1.880 ug/l
 RT: 13.81 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: VW003487.D
 Acq: 24 Jun 2018 04:30

Tgt Ion: 91 Resp: 13901
 Ion Ratio Lower Upper
 91 100
 92 30.7 26.0 78.0
 134 101.4 12.7 38.0#





#90

Hexachloroethane

Concen: 1.483 ug/l

RT: 14.12 min Scan# 2055

Delta R.T. 0.01 min

Lab File: VW003487.D

Acq: 24 Jun 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

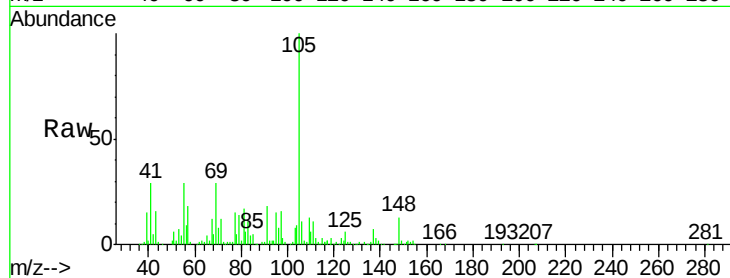
WP021SB487-21-23-180621

Tgt Ion:117 Resp: 2035

Ion Ratio Lower Upper

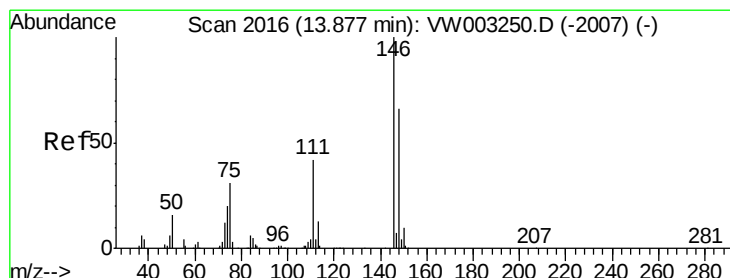
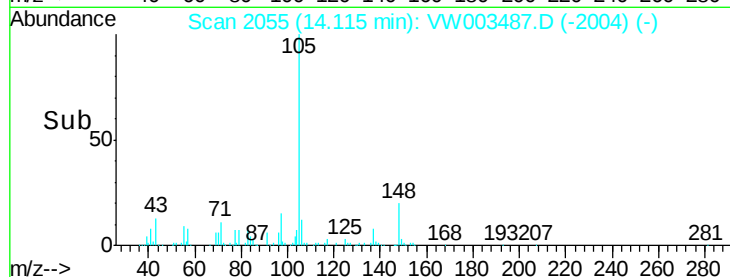
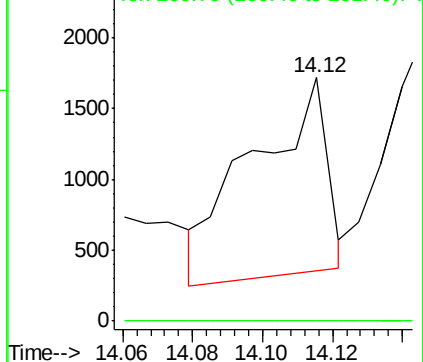
117 100

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: 139.751 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003487.D

Acq: 24 Jun 2018 04:30

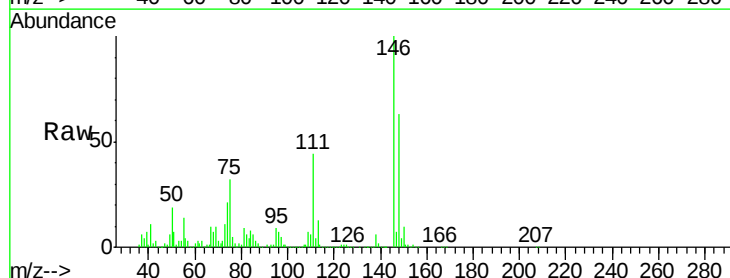
Tgt Ion:146 Resp: 473755

Ion Ratio Lower Upper

146 100

111 45.3 20.3 61.0

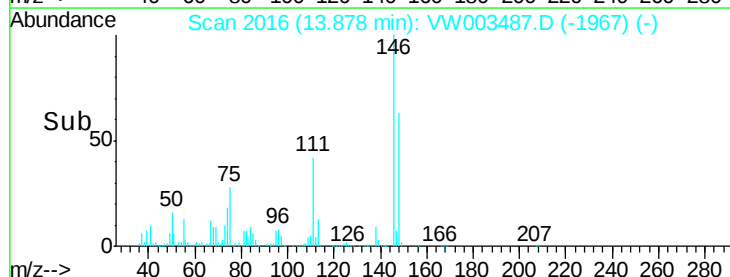
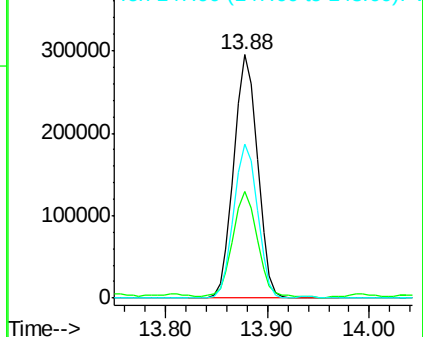
148 63.5 32.3 96.9

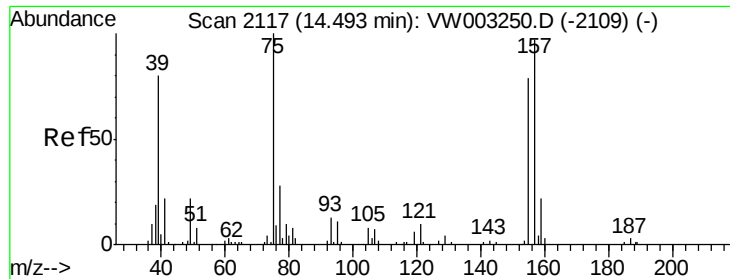


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.372 ug/l

RT: 14.51 min Scan# 2120

Delta R.T. 0.02 min

Lab File: VW003487.D

Acq: 24 Jun 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-21-23-180621

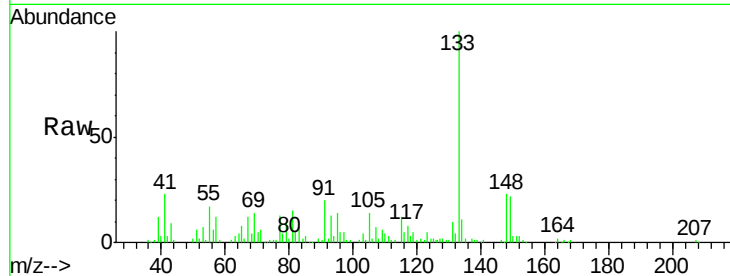
Tgt Ion: 75 Resp: 316

Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.2#

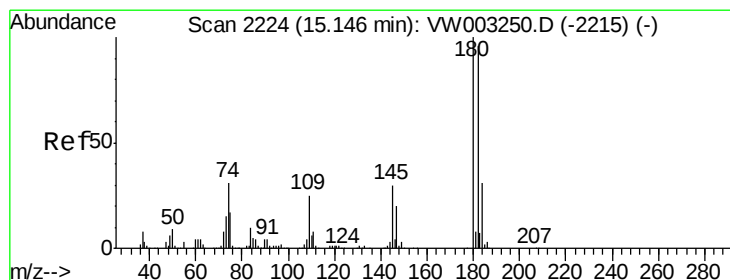
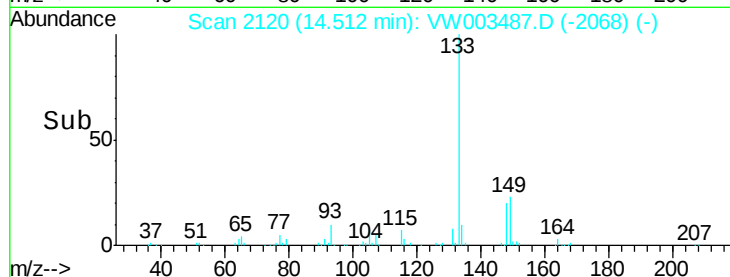
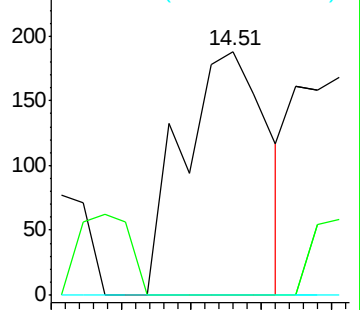
157 0.0 51.5 154.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 1.826 ug/l

RT: 15.15 min Scan# 2224

Delta R.T. 0.00 min

Lab File: VW003487.D

Acq: 24 Jun 2018 04:30

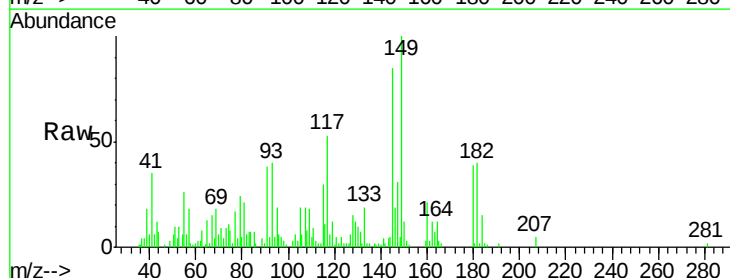
Tgt Ion: 180 Resp: 4345

Ion Ratio Lower Upper

180 100

182 97.4 47.9 143.6

145 274.2 15.2 45.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

