

Data File : VW003522.D
Acq On : 24 Jun 2018 20:15
Operator : SY/AP
Sample : J3669-24
Misc : 6.12G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-29-31-180620

Quant Time: Jun 24 23:31:41 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	172825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	299466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	134627	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	114268	61.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.08%	
35) Dibromofluoromethane	7.88	113	99362	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	10.33	98	355688	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.62	95	140500	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	

Target Compounds

						Qvalue
4) Vinyl Chloride	2.36	62	529102	274.933	ug/l	100
11) Tert butyl alcohol	5.23	59	757	7.540	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	96093	61.421	ug/l	96
16) Acetone	4.15	43	14093	35.896	ug/l	94
18) Methyl Acetate	4.68	43	2847	3.057	ug/l #	79
20) Methylene Chloride	4.90	84	13143	4.543	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	23094	13.563	ug/l	97
24) 1,1-Dichloroethane	6.21	63	19258	5.948	ug/l	95
25) 2-Butanone	7.18	43	5431	11.125	ug/l #	1
28) Bromochloromethane	7.68	49	3193	2.370	ug/l #	15
29) Tetrahydrofuran	7.54	42	1418	4.753	ug/l #	92
30) Chloroform	7.68	83	35714	10.827	ug/l	96
31) Cyclohexane	7.95	56	21926	7.249	ug/l #	80
36) 1,1-Dichloropropene	7.95	75	13850	4.789	ug/l #	50
37) Ethyl Acetate	7.18	43	5431	4.533	ug/l #	1
38) Carbon Tetrachloride	7.95	117	17444	6.149	ug/l #	16
39) Methylcyclohexane	9.34	83	40328	12.051	ug/l	96
40) Benzene	8.33	78	143805	18.039	ug/l	98
42) 1,2-Dichloroethane	8.41	62	3677	1.472	ug/l	97
45) 1,2-Dichloropropane	9.09	63	117311	57.796	ug/l #	1
48) Methyl methacrylate	9.47	41	2831	2.532	ug/l #	36
51) 4-Methyl-2-Pentanone	10.21	43	9508	7.843	ug/l	99
52) Toluene	10.39	92	102070	19.967	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30946	21.133	ug/l	98
59) 2-Hexanone	10.98	43	1815	2.143	ug/l	64
64) Tetrachloroethene	10.87	164	9616	5.295	ug/l	98
65) Chlorobenzene	11.66	112	39945	7.065	ug/l	97
67) Ethyl Benzene	11.74	91	71808	7.164	ug/l	100
68) m/p-Xylenes	11.85	106	39162	10.279	ug/l	98
70) Styrene	12.19	104	19800	3.369	ug/l	89
73) Isopropylbenzene	12.47	105	23128	2.470	ug/l	97
74) N-amyl acetate	12.26	43	5877	2.757	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.79	83	2534	1.600	ug/l	89
76) 1,2,3-Trichloropropane	12.62	75	72228	62.758	ug/l #	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	12.81	91	46640	4.068	ug/l	99
79) 2-Chlorotoluene	12.87	91	15646	2.415	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.95	105	117273	14.921	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	72228	144.409	ug/l #	8
82) 4-Chlorotoluene	12.95	91	12432	1.809	ug/l #	48
83) tert-Butylbenzene	13.21	119	11306	1.688	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	337553	41.750	ug/l	100
85) sec-Butylbenzene	13.39	105	33709	3.386	ug/l #	57
86) p-Isopropyltoluene	13.51	119	20338	2.316	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	36470	8.141	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	76528	17.183	ug/l	96
89) n-Butylbenzene	13.83	91	34155	3.990	ug/l #	79
90) Hexachloroethane	14.10	117	14377	9.050	ug/l #	10
91) 1,2-Dichlorobenzene	13.88	146	203069	51.747	ug/l	98
95) Naphthalene	15.38	128	320817	68.652	ug/l	99

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

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ALS Vial      : 22      Sample Multiplier: 1

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Instrument :
MSVOA_W

ClientSampleId :
WP021SB479-29-31-180620

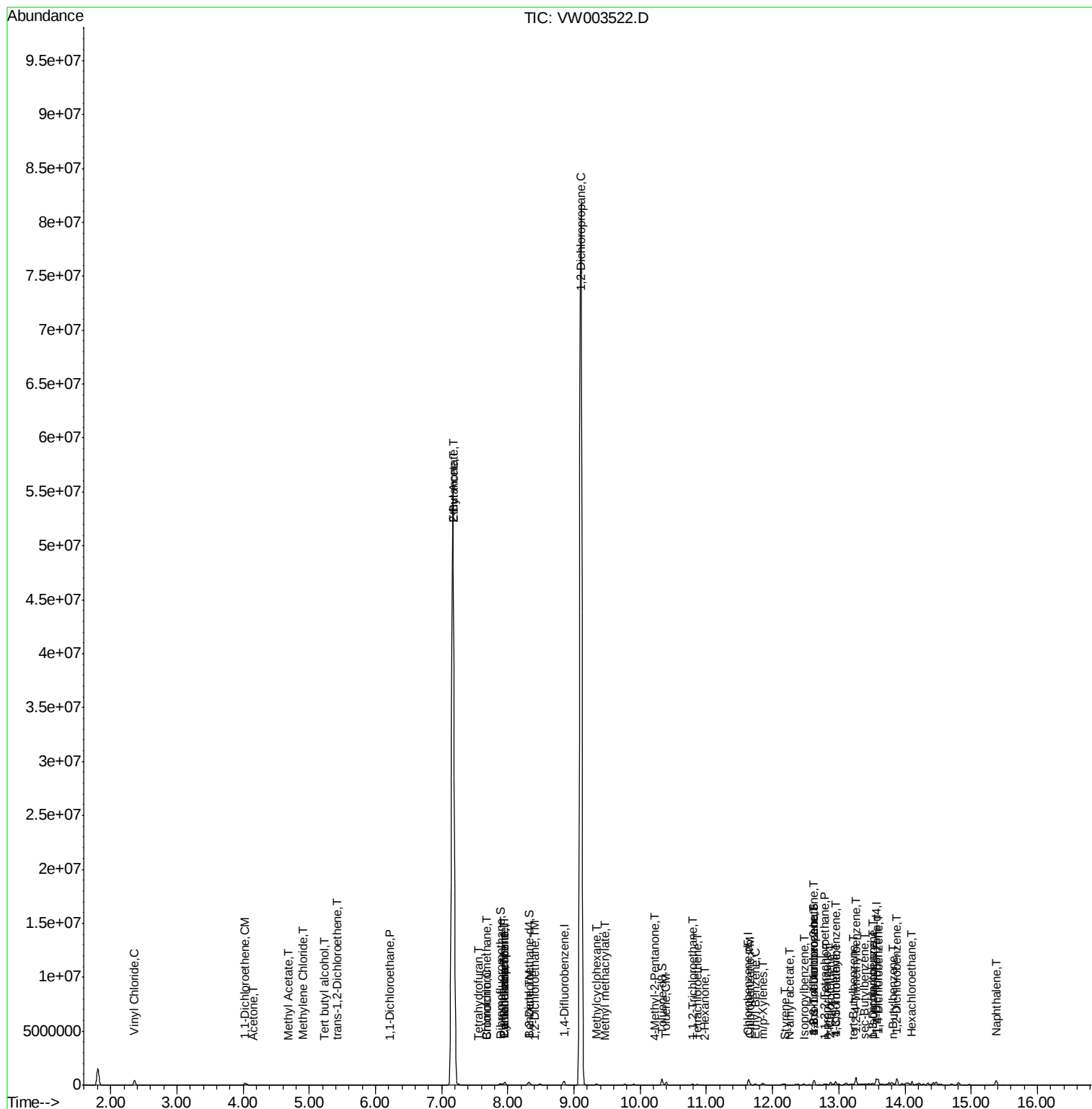
Quant Time: Jun 24 23:31:41 2018

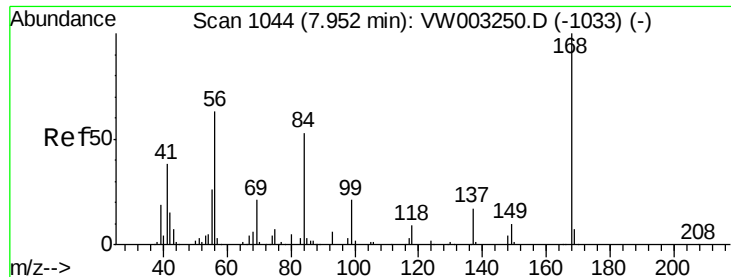
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W061318S.M

Quant Title : SW846 8260

QLast Update : Sat Jun 16 05:18:54 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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Acq: 24 Jun 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

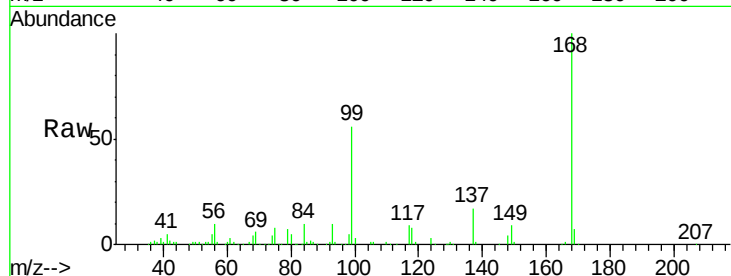
WP021SB479-29-31-180620

Tgt Ion:168 Resp: 172825

Ion Ratio Lower Upper

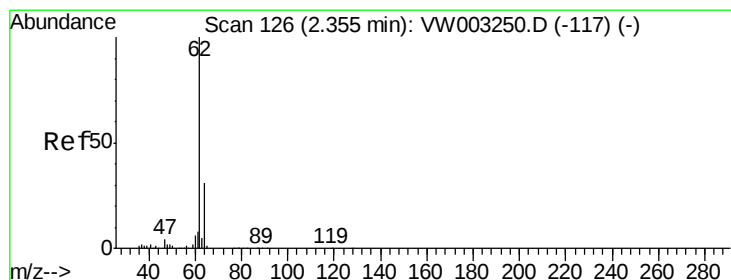
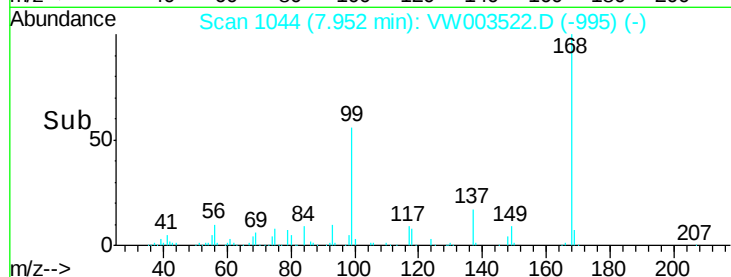
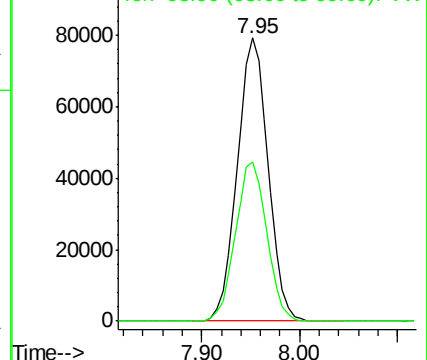
168 100

99 56.4 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: 274.933 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003522.D

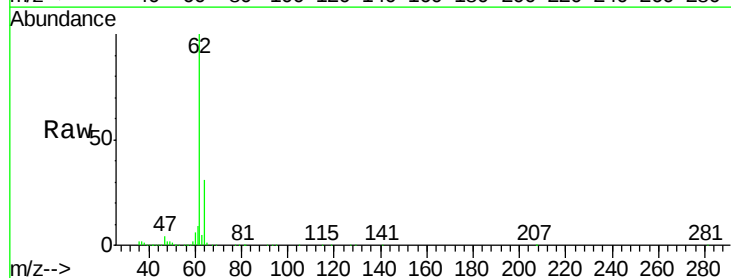
Acq: 24 Jun 2018 20:15

Tgt Ion: 62 Resp: 529102

Ion Ratio Lower Upper

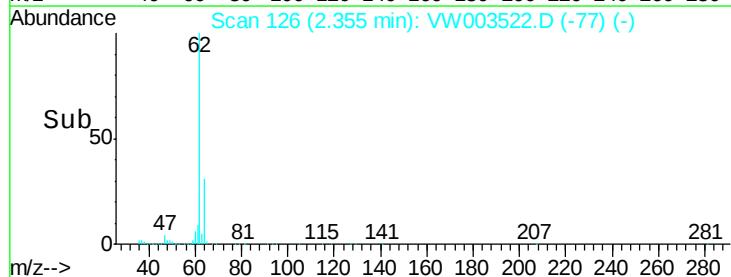
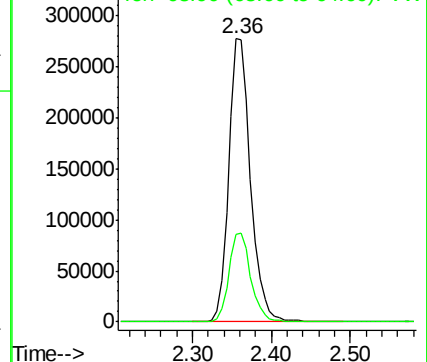
62 100

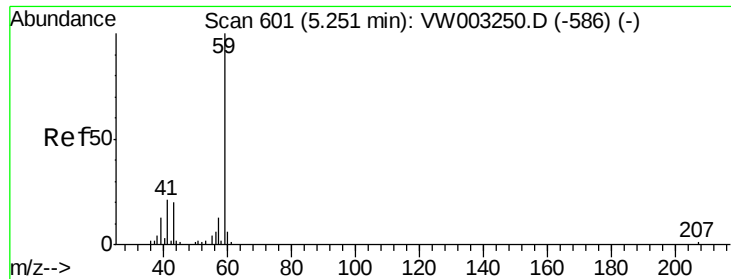
64 31.1 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW



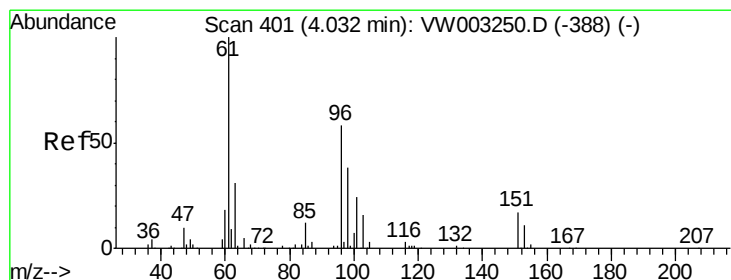
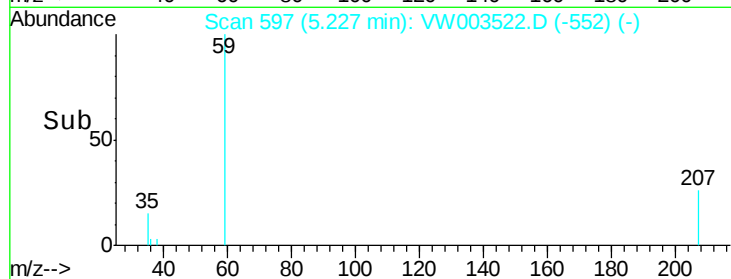
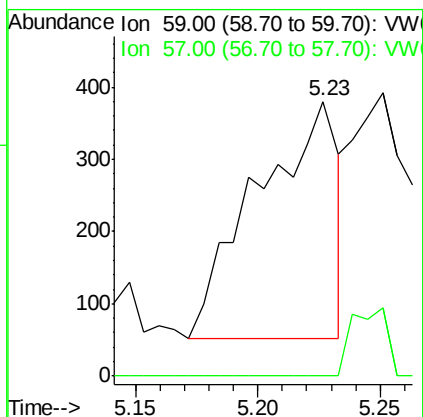
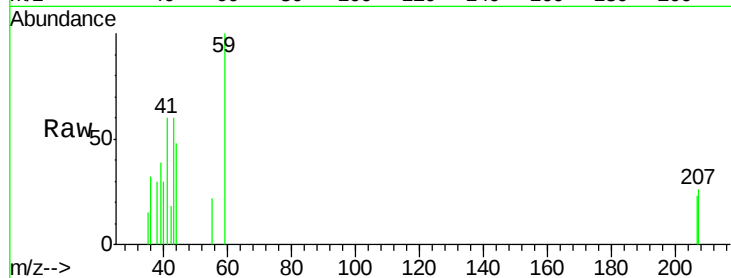


#11

Tert butyl alcohol
 Concen: 7.540 ug/l
 RT: 5.23 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: VW003522.D
 Acq: 24 Jun 2018 20:15

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB479-29-31-180620

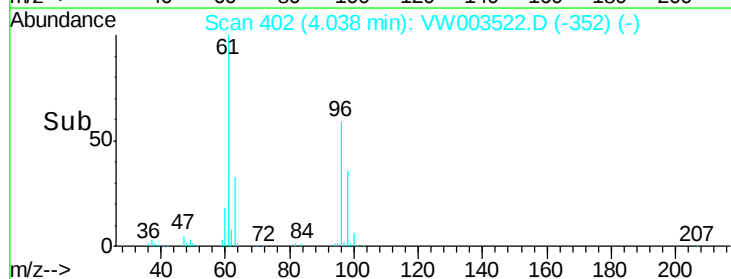
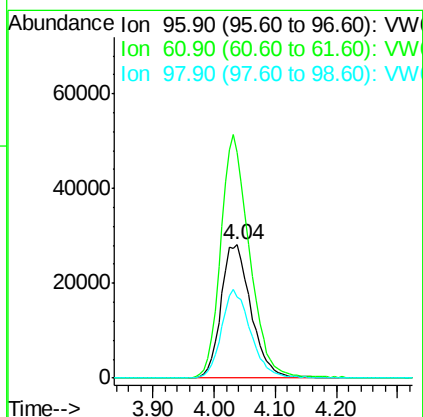
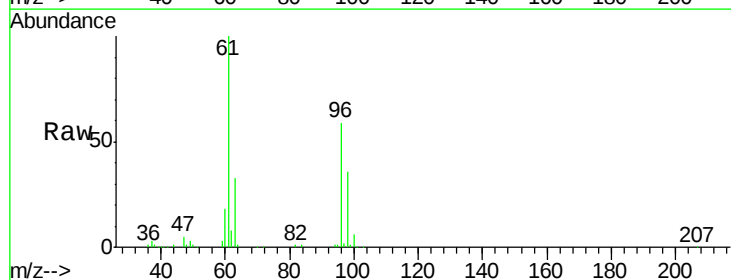
Tgt Ion: 59 Resp: 757
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.2 6.2#

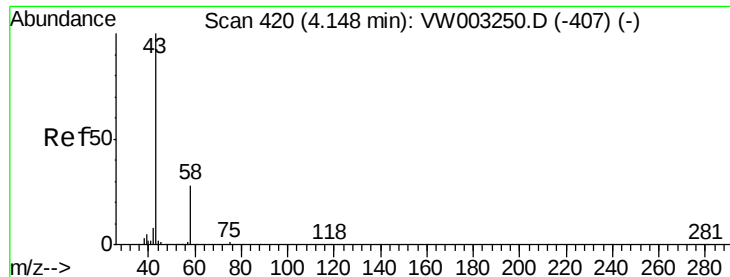


#12

1,1-Dichloroethene
 Concen: 61.421 ug/l
 RT: 4.04 min Scan# 402
 Delta R.T. 0.01 min
 Lab File: VW003522.D
 Acq: 24 Jun 2018 20:15

Tgt Ion: 96 Resp: 96093
 Ion Ratio Lower Upper
 96 100
 61 169.7 139.0 208.4
 98 60.9 53.3 79.9





#16

Acetone

Concen: 35.896 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003522.D

Acq: 24 Jun 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

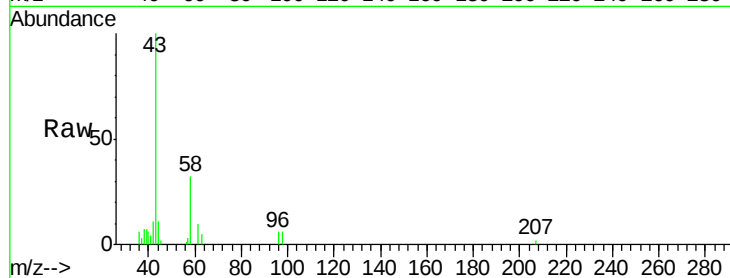
WP021SB479-29-31-180620

Tgt Ion: 43 Resp: 14093

Ion Ratio Lower Upper

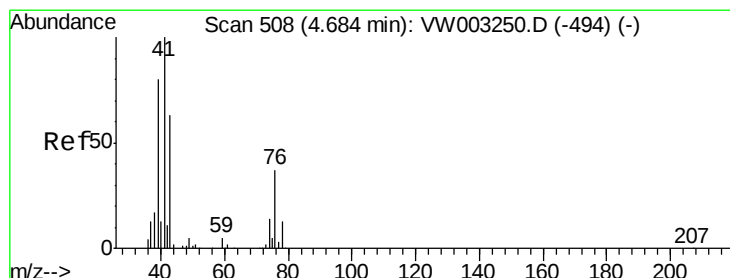
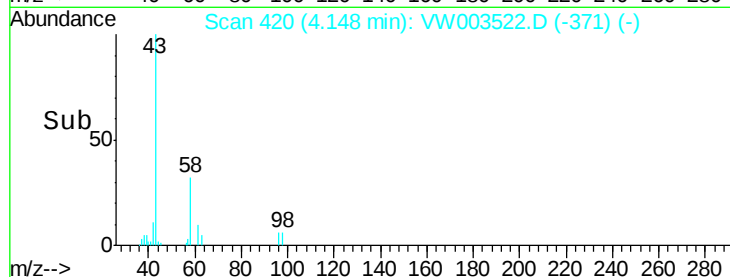
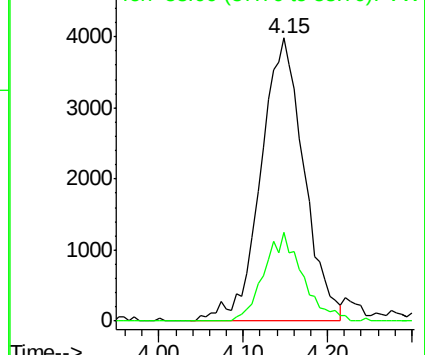
43 100

58 31.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 3.057 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003522.D

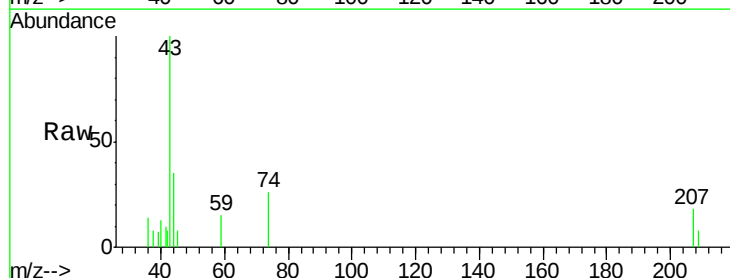
Acq: 24 Jun 2018 20:15

Tgt Ion: 43 Resp: 2847

Ion Ratio Lower Upper

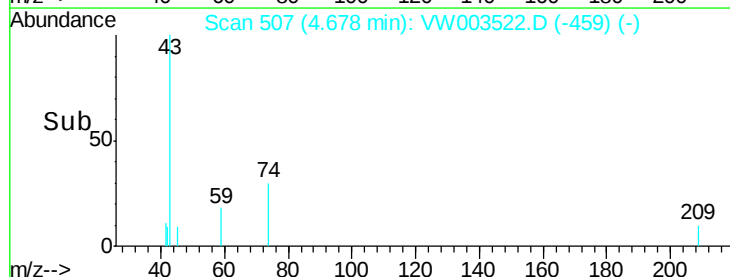
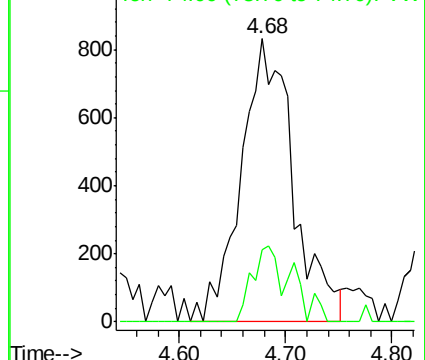
43 100

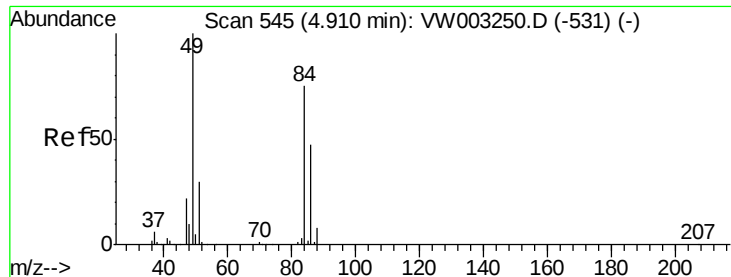
74 13.1 18.7 28.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#20

Methylene Chloride

Concen: 4.543 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003522.D

Acq: 24 Jun 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 84 Resp: 13143

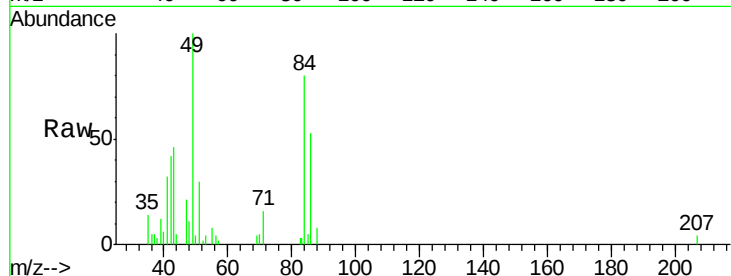
Ion Ratio Lower Upper

84 100

49 125.1 106.3 159.5

51 37.7 32.0 48.0

86 66.5 49.9 74.9

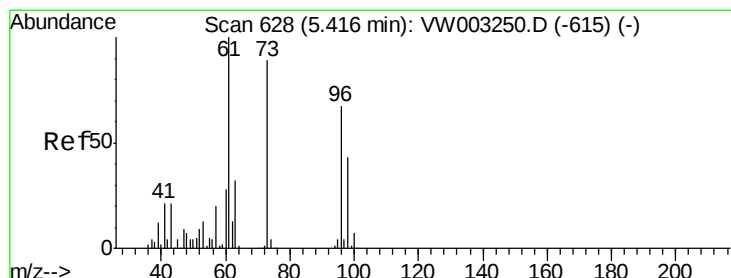
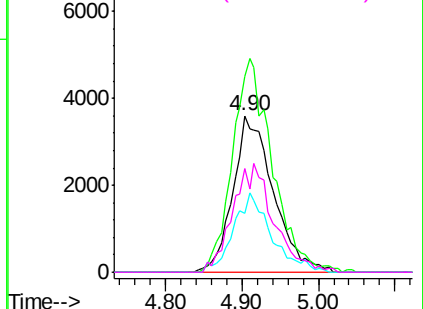
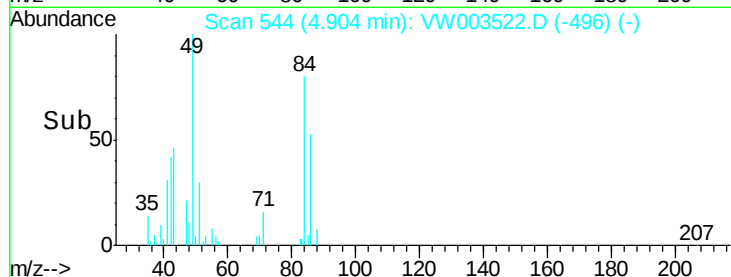


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#21

trans-1,2-Dichloroethene

Concen: 13.563 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003522.D

Acq: 24 Jun 2018 20:15

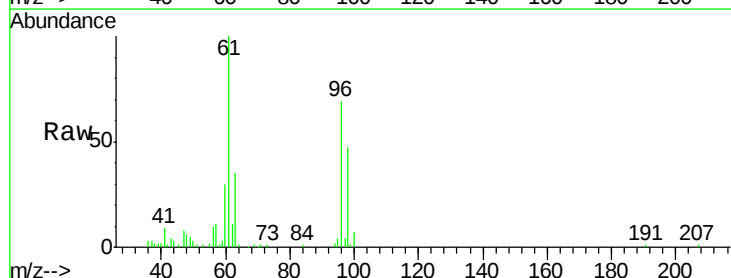
Tgt Ion: 96 Resp: 23094

Ion Ratio Lower Upper

96 100

61 145.7 118.7 178.1

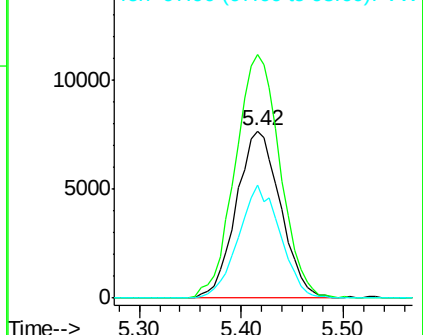
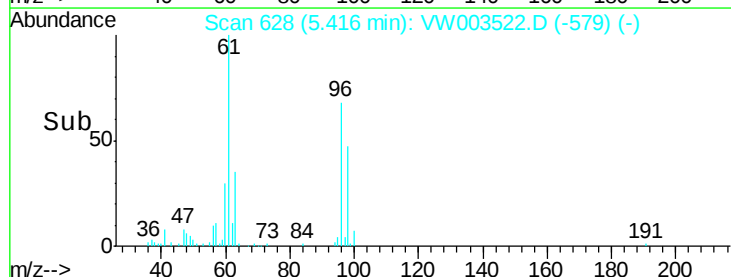
98 67.9 51.0 76.6

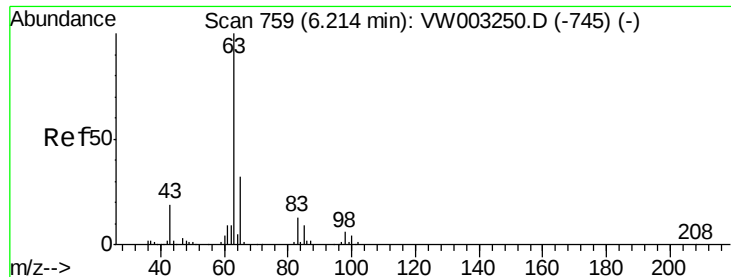


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#24

1,1-Dichloroethane

Concen: 5.948 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

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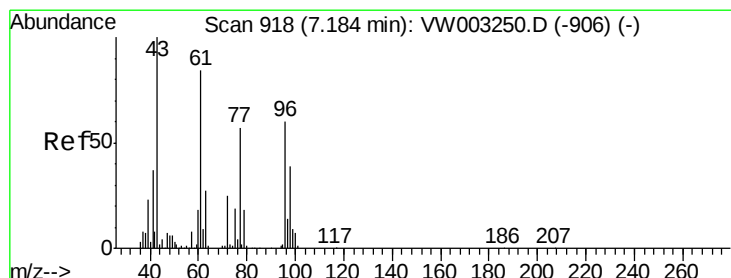
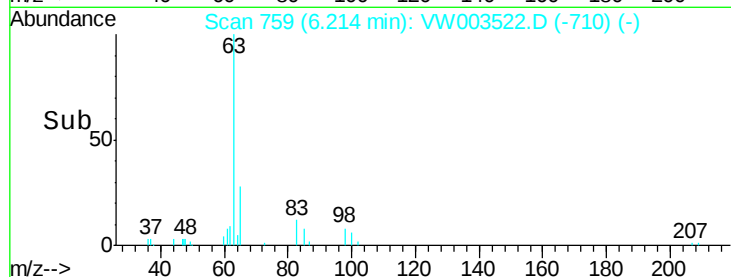
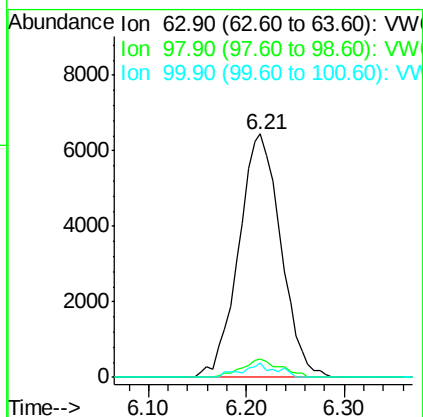
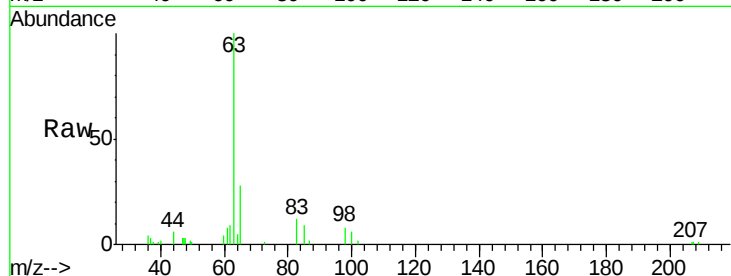
Tgt Ion: 63 Resp: 19258

Ion Ratio Lower Upper

63 100

98 7.6 2.8 8.3

100 5.7 2.1 6.5



#25

2-Butanone

Concen: 11.125 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003522.D

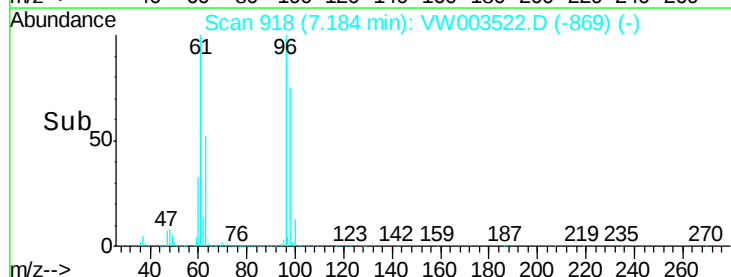
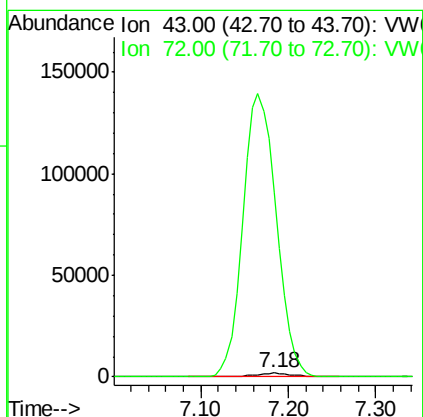
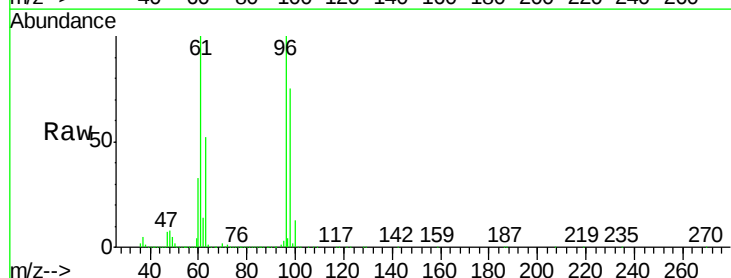
Acq: 24 Jun 2018 20:15

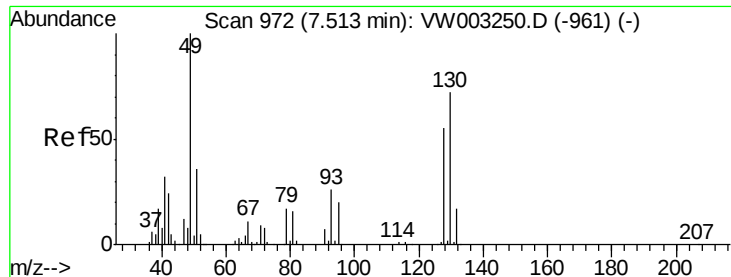
Tgt Ion: 43 Resp: 5431

Ion Ratio Lower Upper

43 100

72 5132.5 20.3 30.5#





#28

Bromochloromethane

Concen: 2.370 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.16 min

Lab File: VW003522.D

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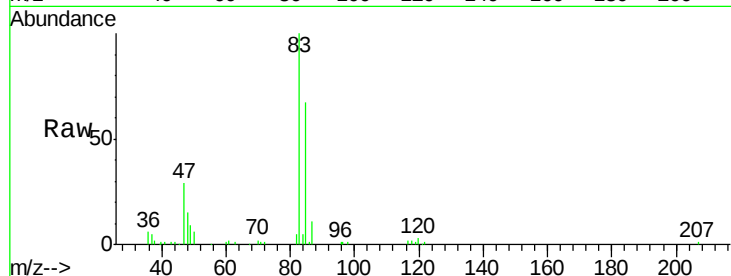
Tgt Ion: 49 Resp: 3193

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

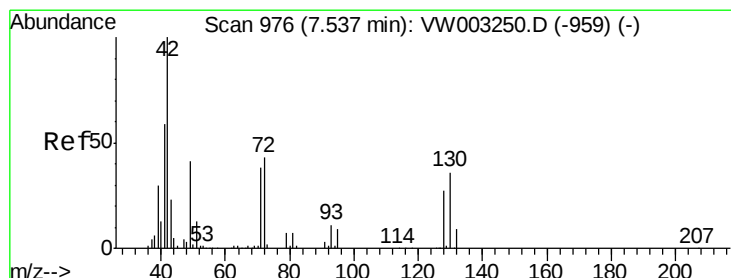
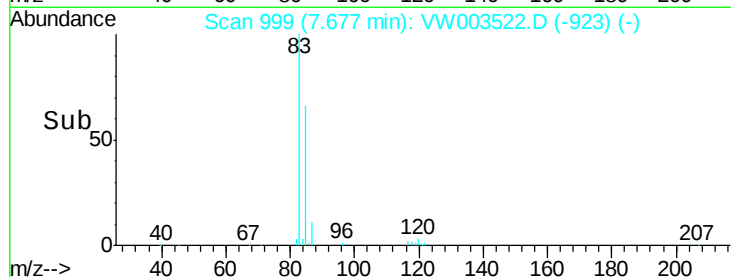
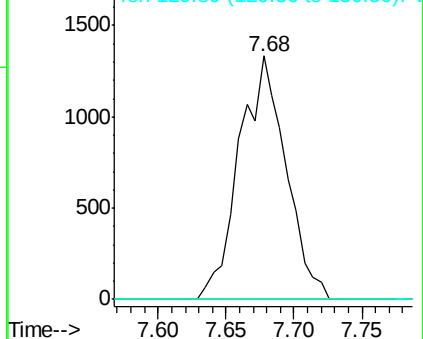
130 0.0 59.4 89.2#



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 4.753 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003522.D

Acq: 24 Jun 2018 20:15

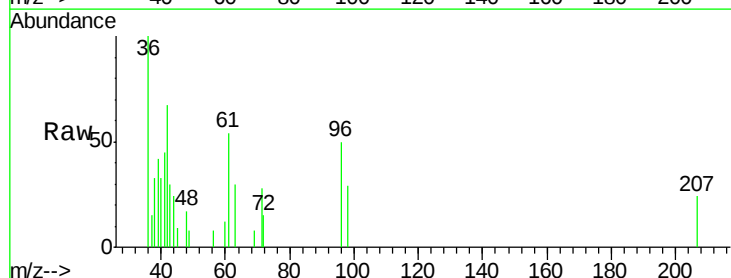
Tgt Ion: 42 Resp: 1418

Ion Ratio Lower Upper

42 100

72 30.7 32.4 48.6#

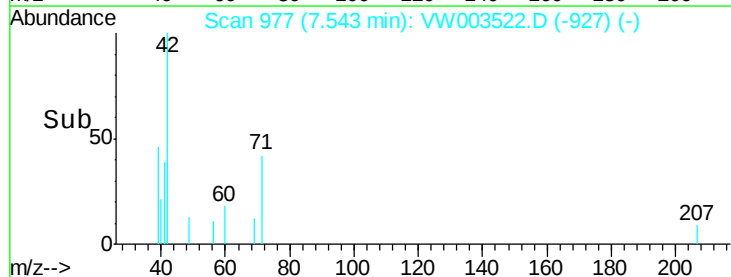
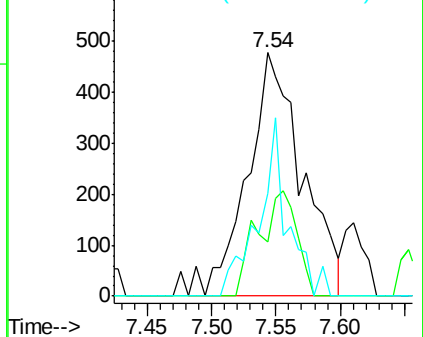
71 38.9 31.2 46.8

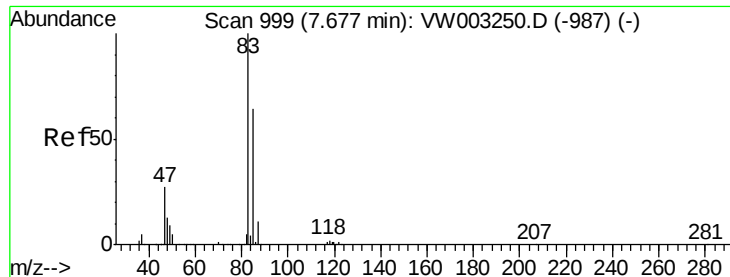


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

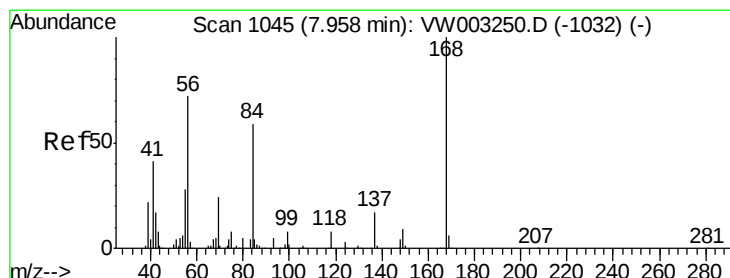
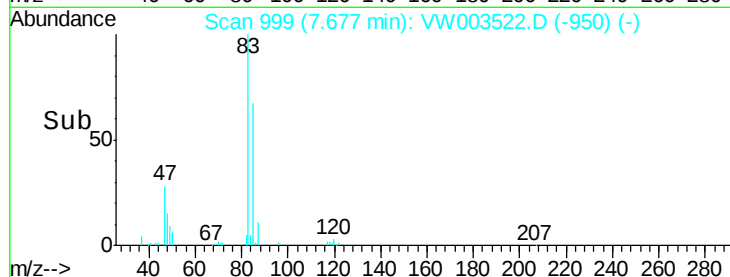
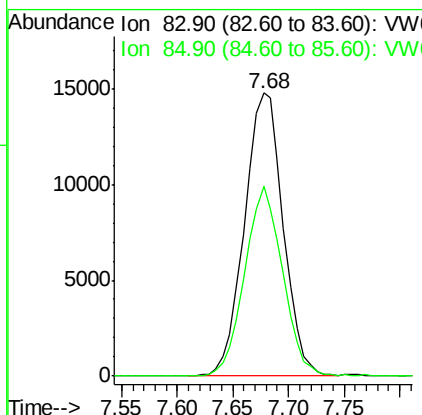
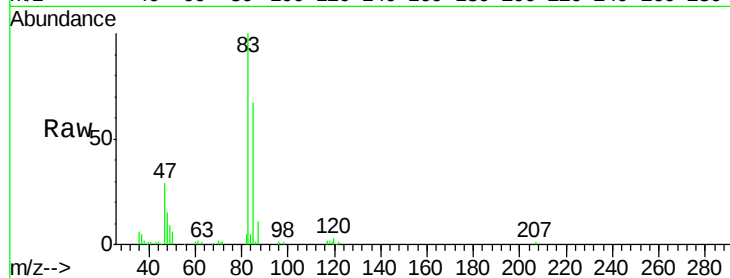




#30
Chloroform
Concen: 10.827 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

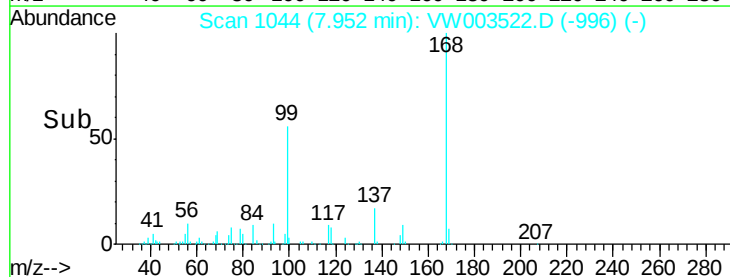
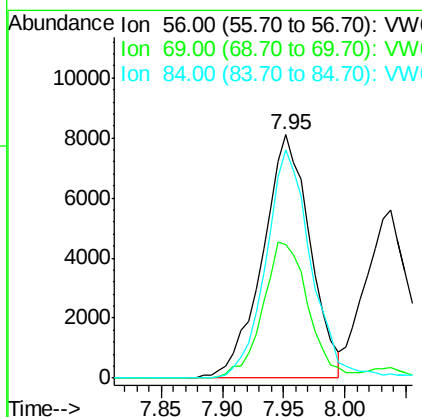
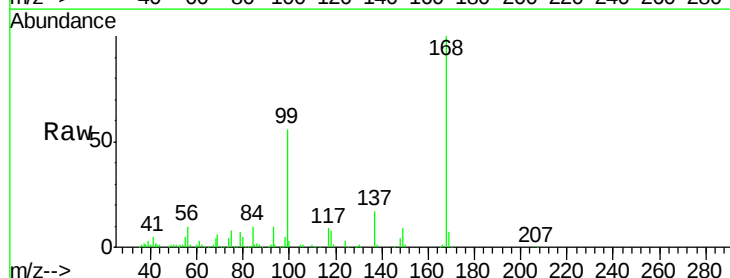
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-29-31-180620

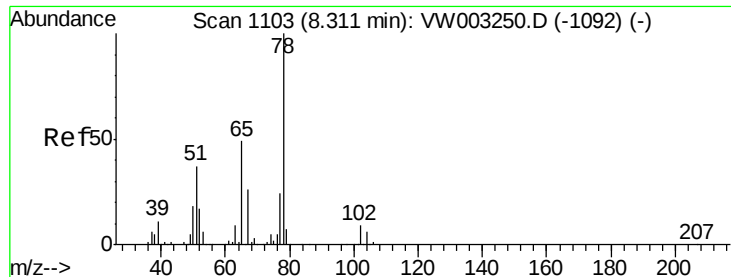
Tgt Ion: 83 Resp: 35714
Ion Ratio Lower Upper
83 100
85 67.0 51.3 76.9



#31
Cyclohexane
Concen: 7.249 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

Tgt Ion: 56 Resp: 21926
Ion Ratio Lower Upper
56 100
69 54.7 26.3 39.5#
84 93.8 65.7 98.5





#33

1,2-Dichloroethane-d4

Concen: 61.042 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003522.D

Acq: 24 Jun 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

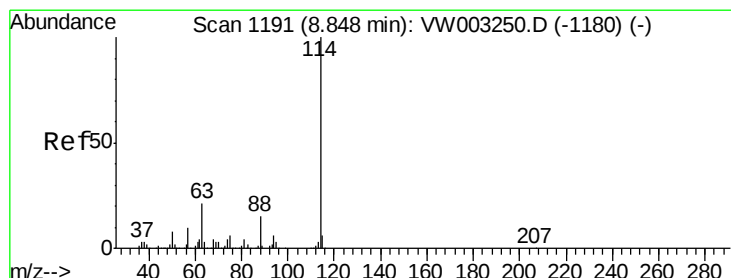
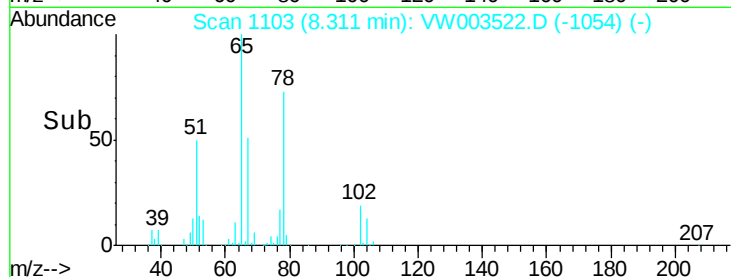
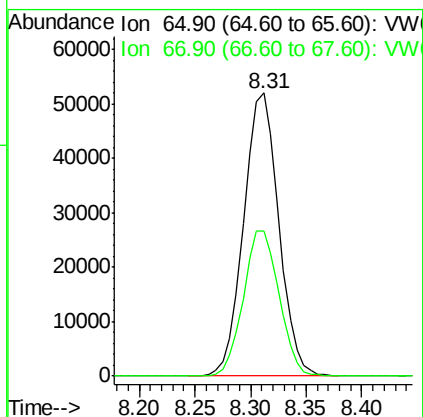
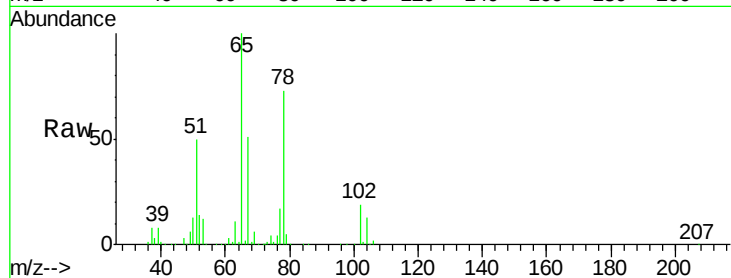
WP021SB479-29-31-180620

Tgt Ion: 65 Resp: 114268

Ion Ratio Lower Upper

65 100

67 52.4 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: VW003522.D

Acq: 24 Jun 2018 20:15

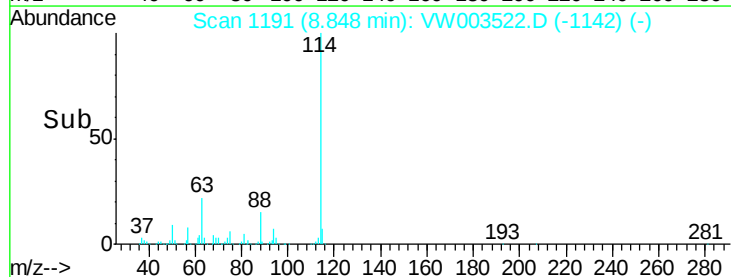
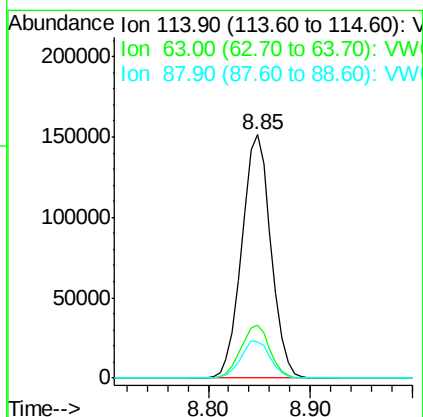
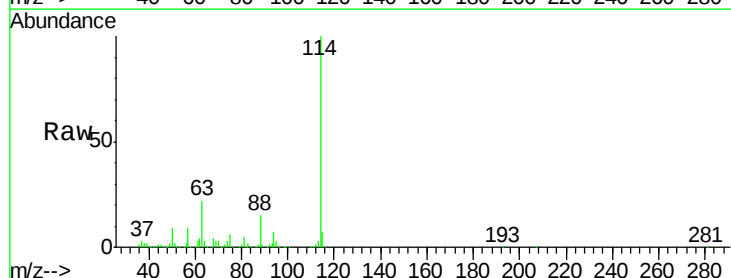
Tgt Ion: 114 Resp: 299466

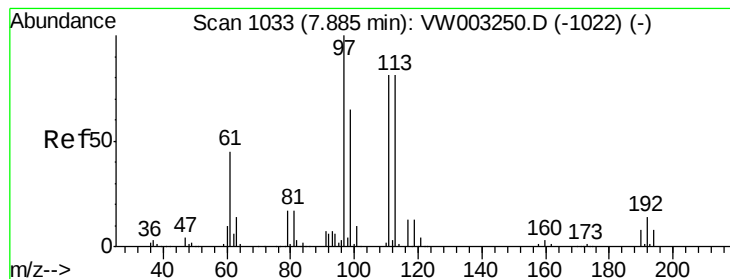
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.0

88 15.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 53.398 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003522.D

Acq: 24 Jun 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-29-31-180620

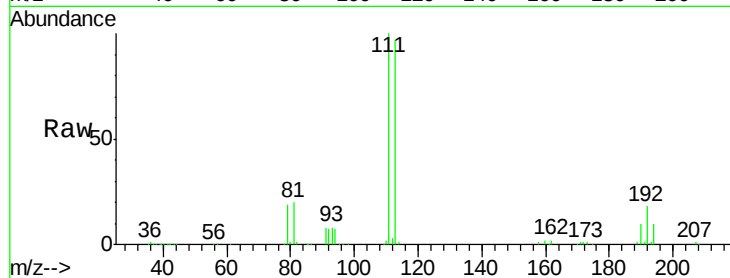
Tgt Ion:113 Resp: 99362

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

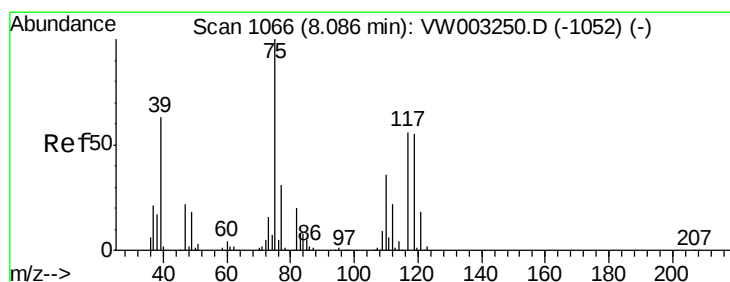
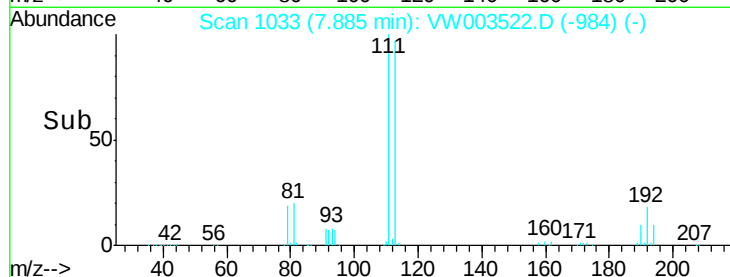
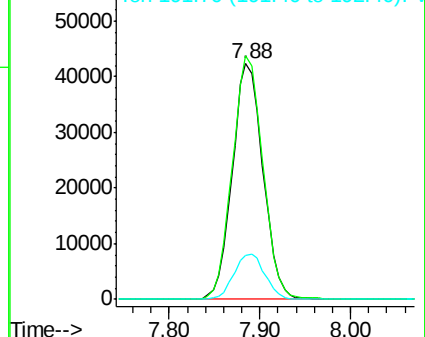
192 19.6 16.2 24.2



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: 4.789 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003522.D

Acq: 24 Jun 2018 20:15

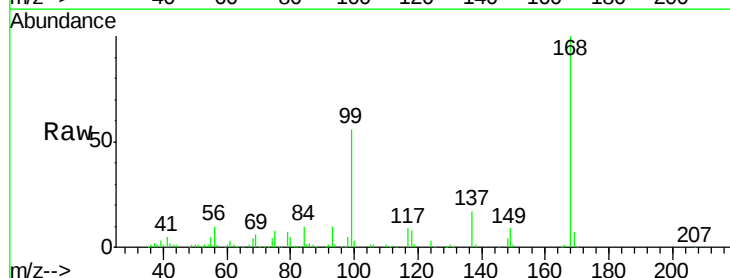
Tgt Ion: 75 Resp: 13850

Ion Ratio Lower Upper

75 100

110 8.8 17.1 51.3#

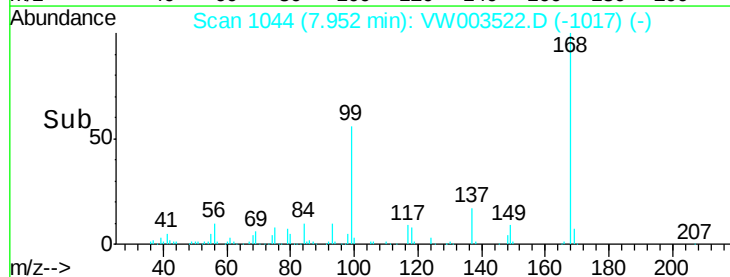
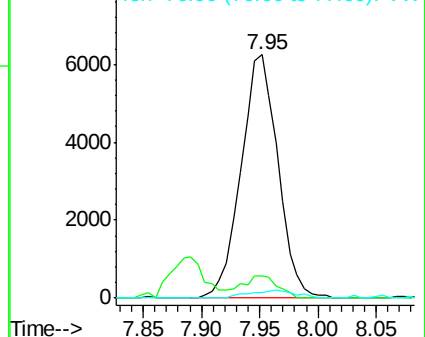
77 0.0 24.9 37.3#

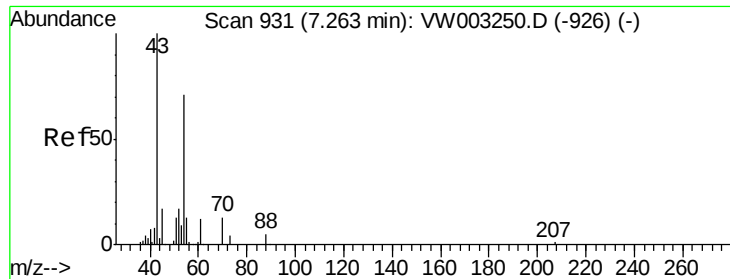


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

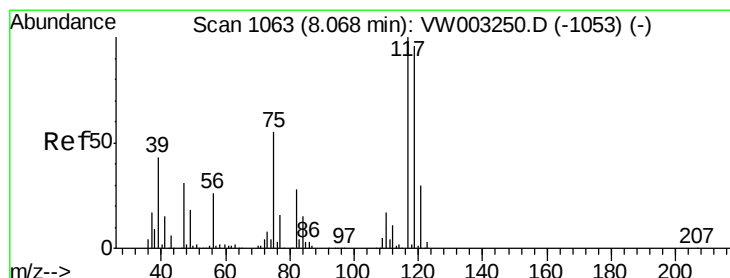
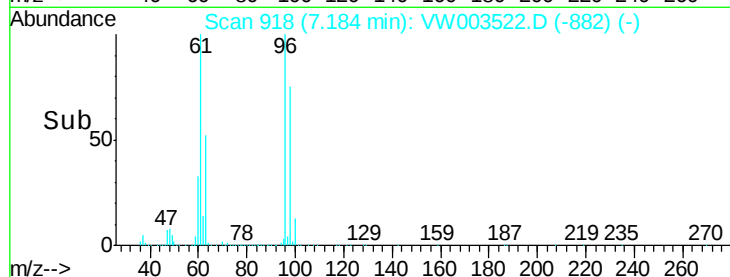
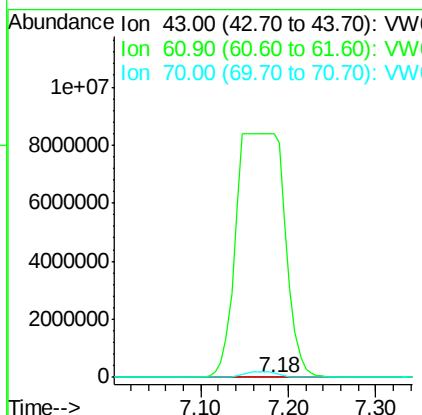
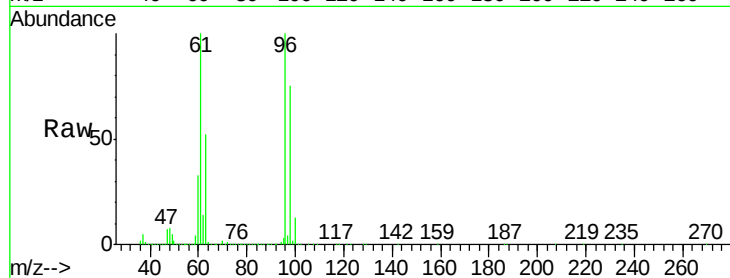




#37
Ethyl Acetate
Concen: 4.533 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.08 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

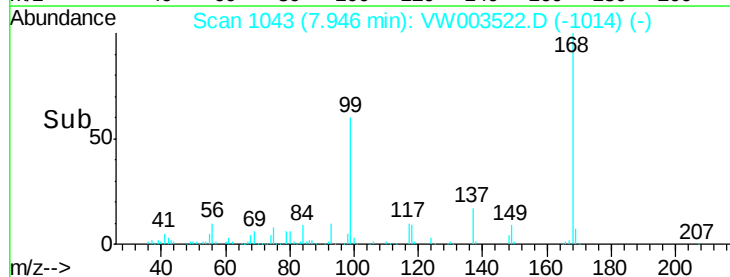
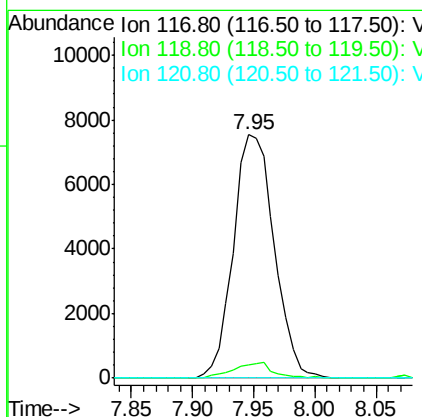
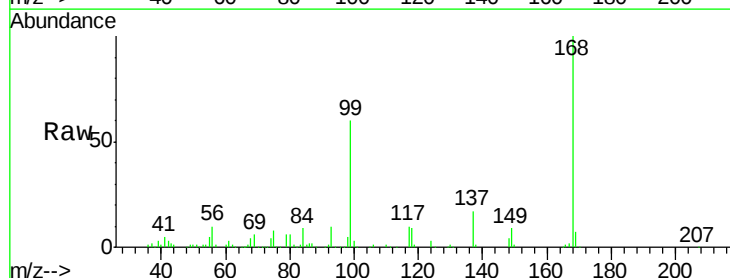
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-29-31-180620

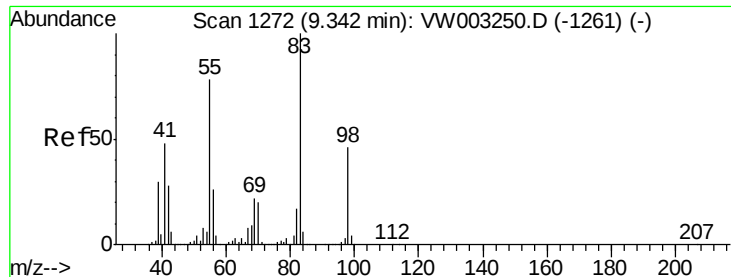
Tgt Ion: 43 Resp: 5431
Ion Ratio Lower Upper
43 100
61 0.0 10.8 16.2#
70 10123.8 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 6.149 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

Tgt Ion: 117 Resp: 17444
Ion Ratio Lower Upper
117 100
119 5.7 76.6 115.0#
121 0.0 23.9 35.9#

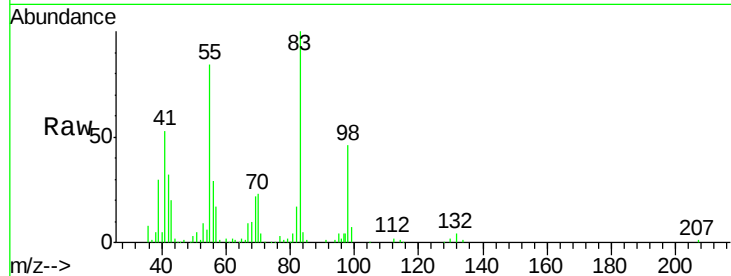




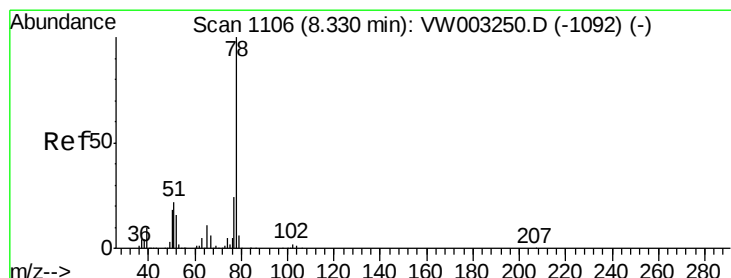
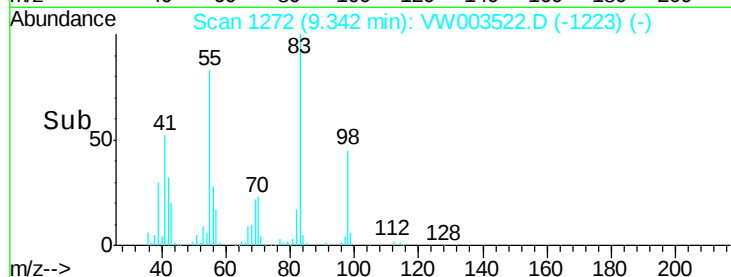
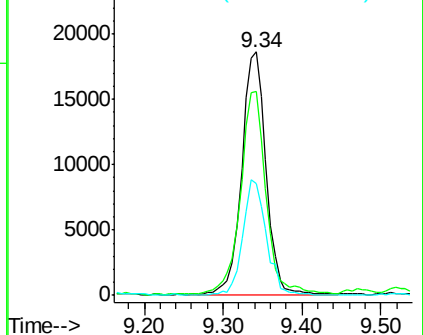
#39
Methylcyclohexane
Concen: 12.051 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-29-31-180620

Tgt Ion: 83 Resp: 40328
Ion Ratio Lower Upper
83 100
55 83.0 62.6 93.8
98 45.7 37.0 55.4

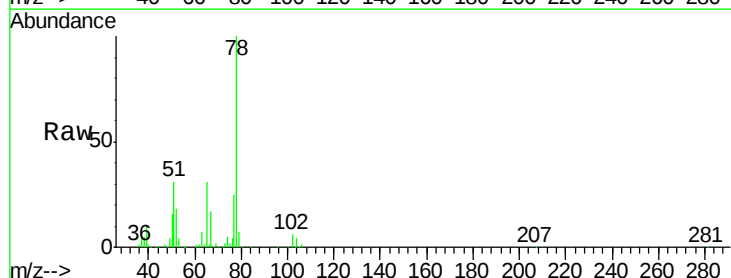


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

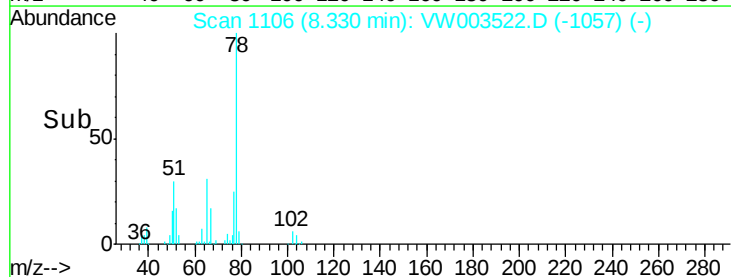
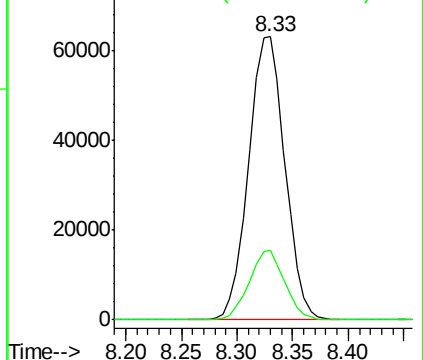


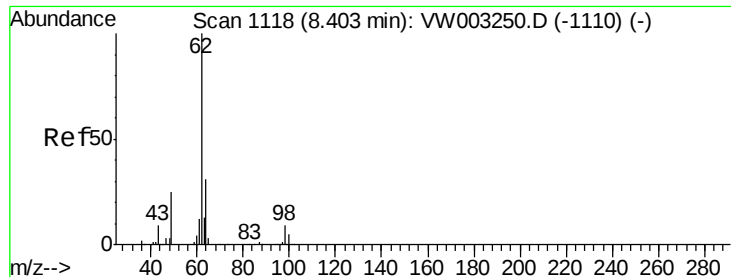
#40
Benzene
Concen: 18.039 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

Tgt Ion: 78 Resp: 143805
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#42

1,2-Dichloroethane

Concen: 1.472 ug/l

RT: 8.41 min Scan# 1119

Delta R.T. 0.01 min

Lab File: VW003522.D

Acq: 24 Jun 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

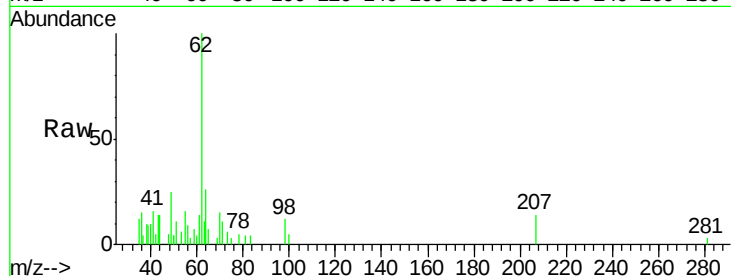
WP021SB479-29-31-180620

Tgt Ion: 62 Resp: 3677

Ion Ratio Lower Upper

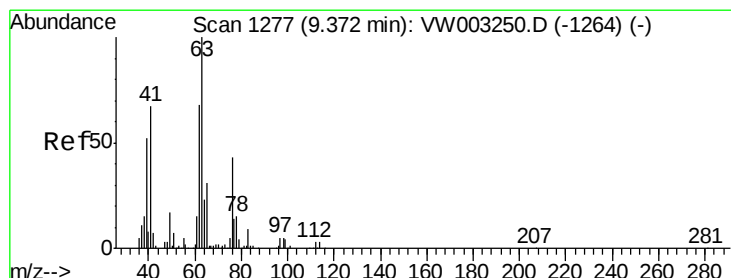
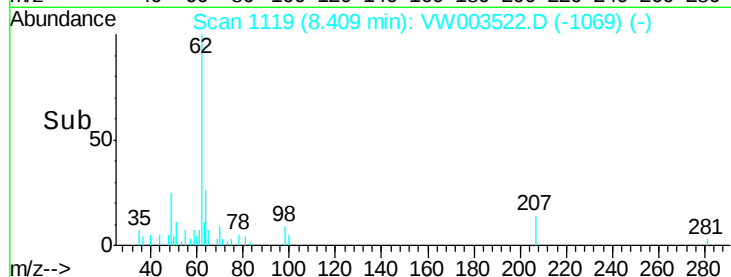
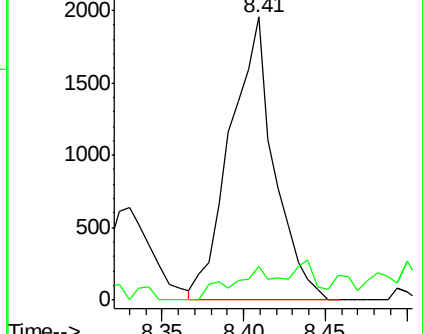
62 100

98 9.6 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



#45

1,2-Dichloropropane

Concen: 57.796 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.28 min

Lab File: VW003522.D

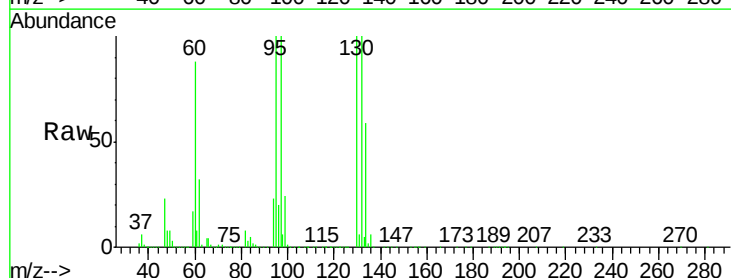
Acq: 24 Jun 2018 20:15

Tgt Ion: 63 Resp: 117311

Ion Ratio Lower Upper

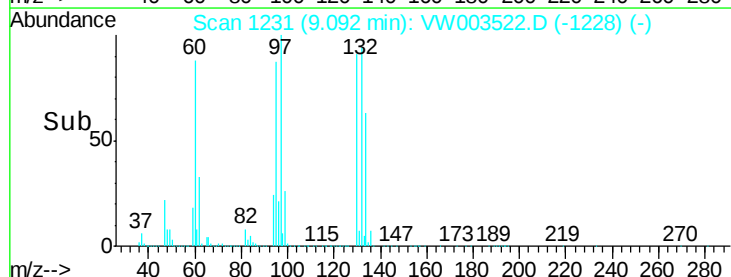
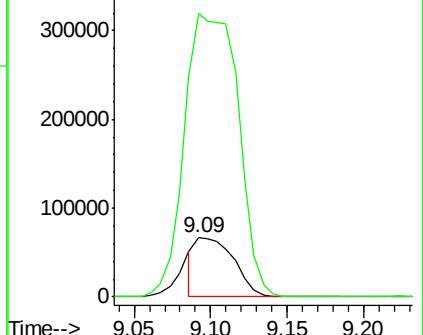
63 100

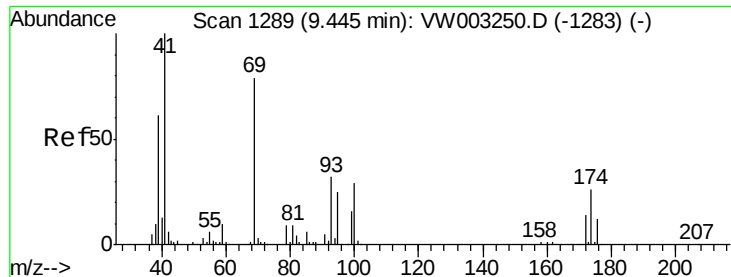
65 480.9 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

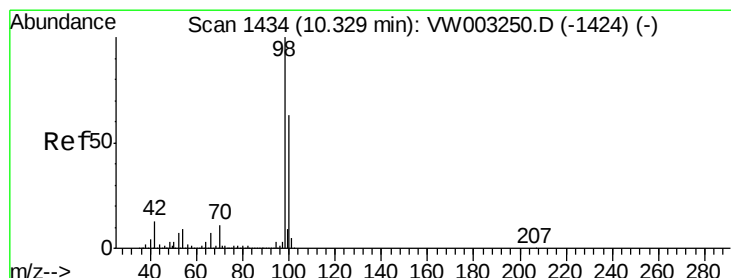
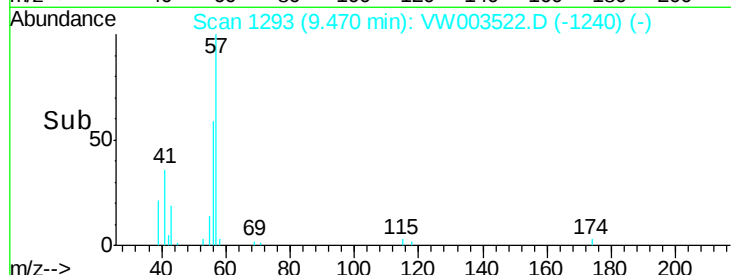
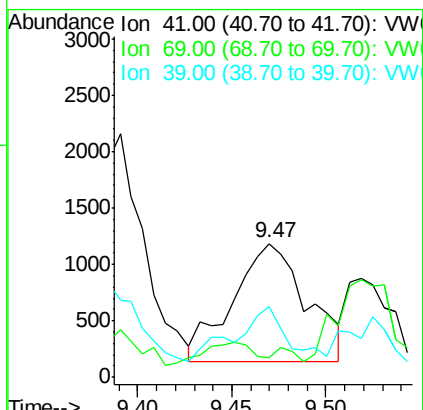
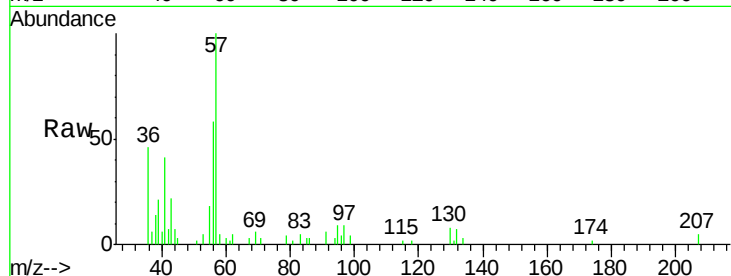




#48
Methyl methacrylate
Concen: 2.532 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. 0.02 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

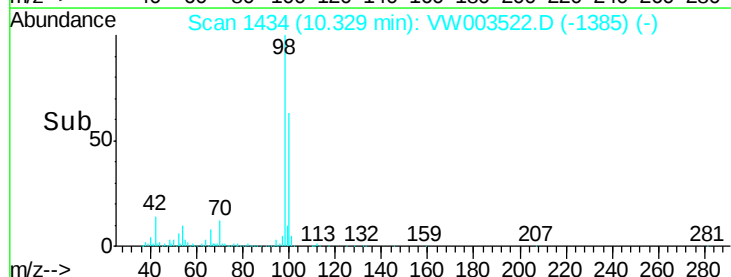
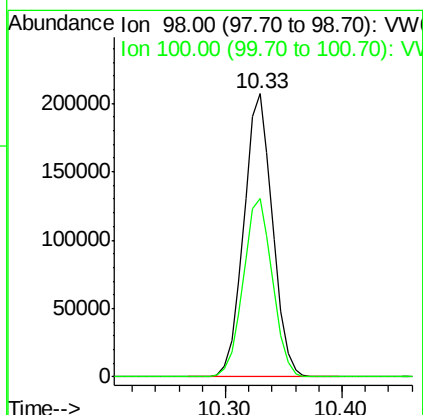
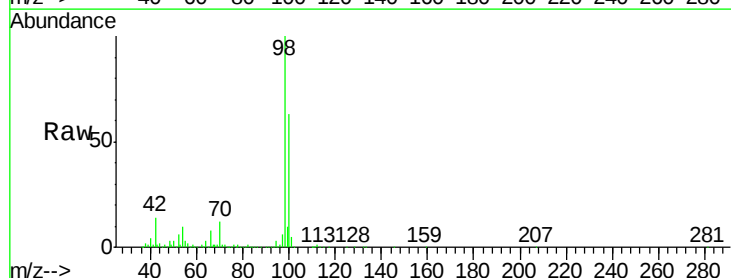
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-29-31-180620

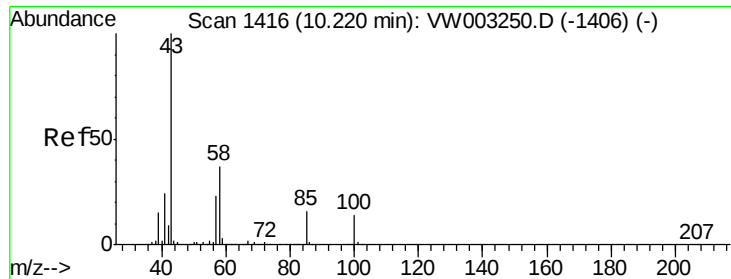
Tgt Ion: 41 Resp: 2831
Ion Ratio Lower Upper
41 100
69 11.0 65.4 98.2#
39 30.3 54.2 81.2#



#50
Toluene-d8
Concen: 48.206 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

Tgt Ion: 98 Resp: 355688
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 7.843 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003522.D

Acq: 24 Jun 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

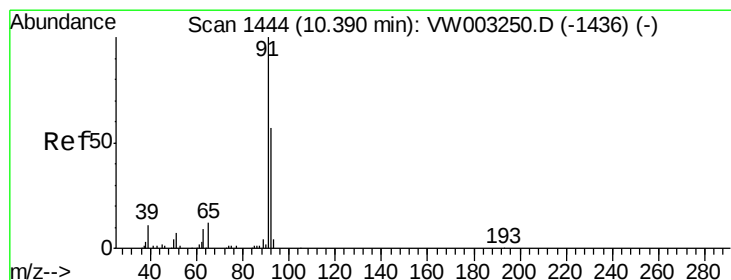
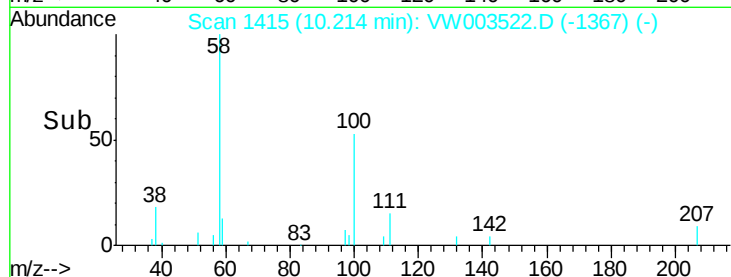
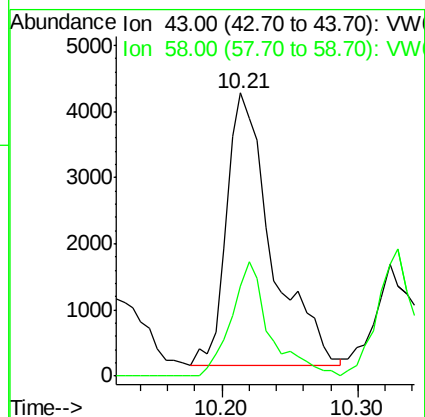
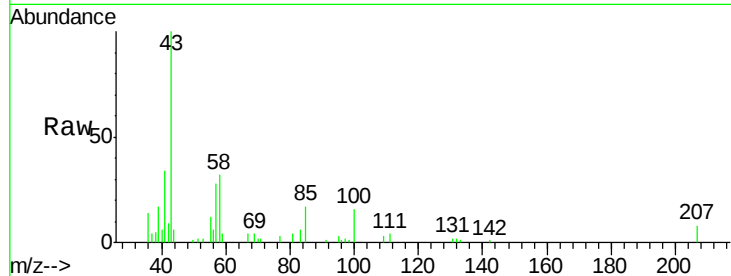
WP021SB479-29-31-180620

Tgt Ion: 43 Resp: 9508

Ion Ratio Lower Upper

43 100

58 35.6 29.0 43.4



#52

Toluene

Concen: 19.967 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003522.D

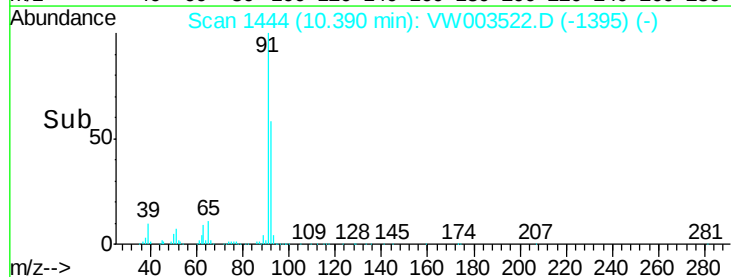
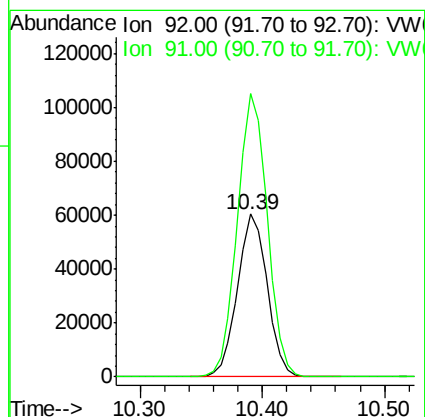
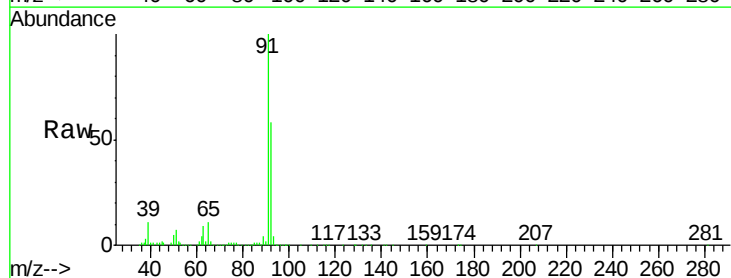
Acq: 24 Jun 2018 20:15

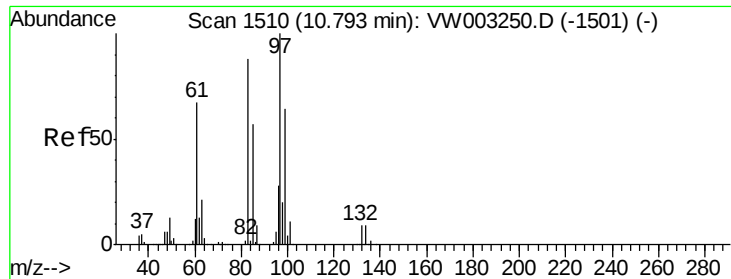
Tgt Ion: 92 Resp: 102070

Ion Ratio Lower Upper

92 100

91 174.3 141.1 211.7

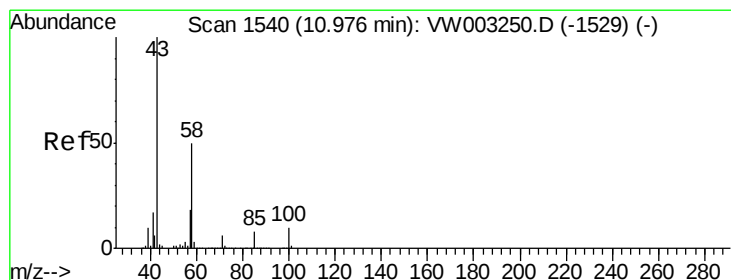
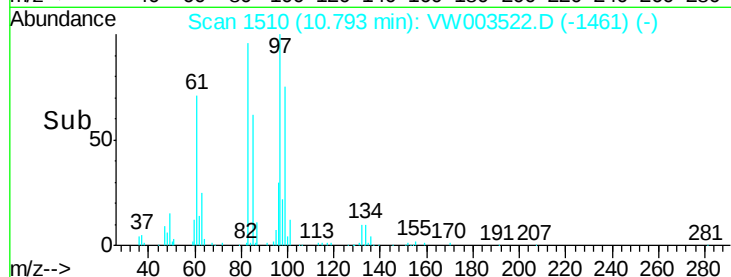
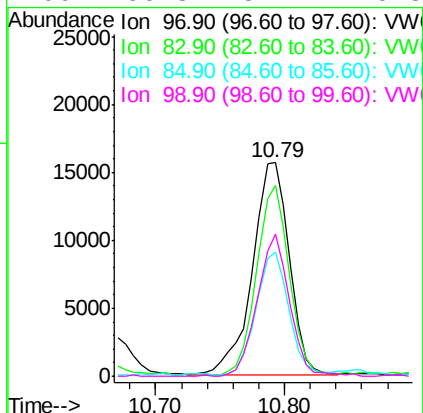
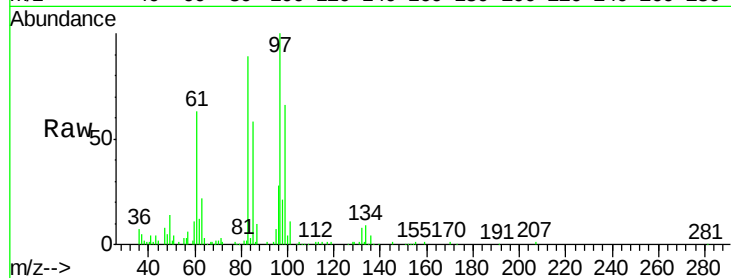




#55
 1,1,2-Trichloroethane
 Concen: 21.133 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003522.D
 Acq: 24 Jun 2018 20:15

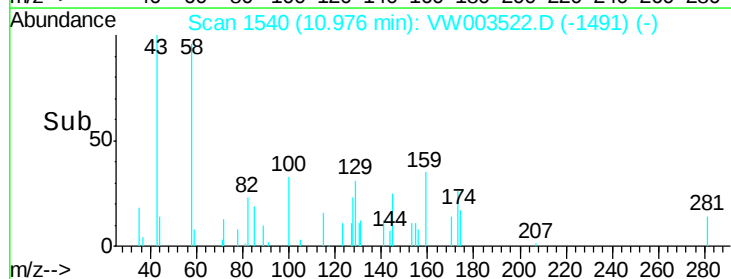
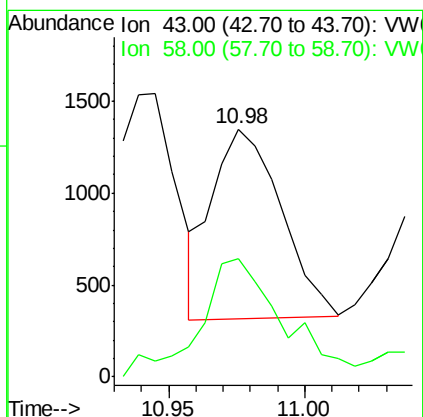
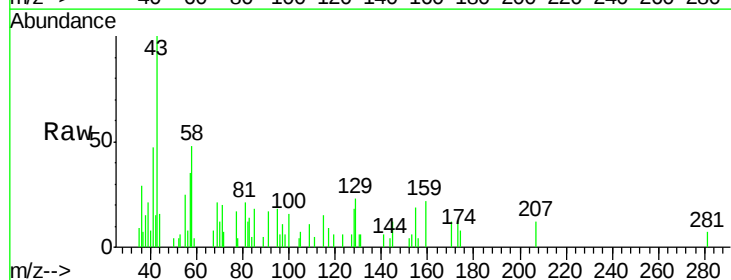
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB479-29-31-180620

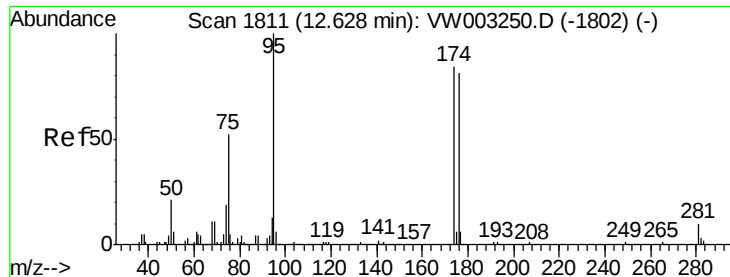
Tgt Ion:	97	Resp:	30946
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.2	105.2
85	57.8	45.6	68.4
99	66.8	51.2	76.8



#59
 2-Hexanone
 Concen: 2.143 ug/l
 RT: 10.98 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: VW003522.D
 Acq: 24 Jun 2018 20:15

Tgt Ion:	43	Resp:	1815
Ion	Ratio	Lower	Upper
43	100		
58	74.9	25.0	75.0

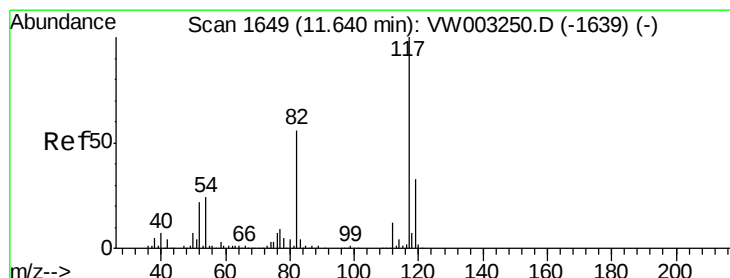
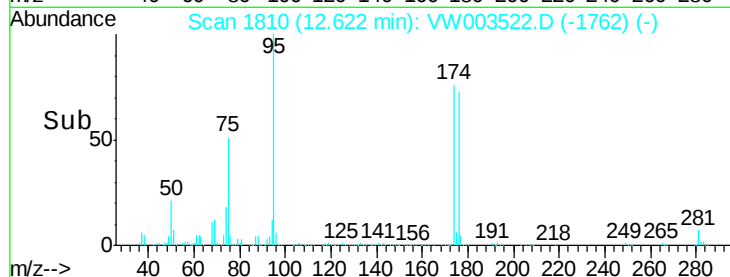
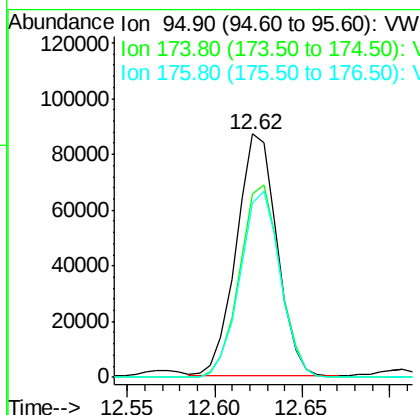
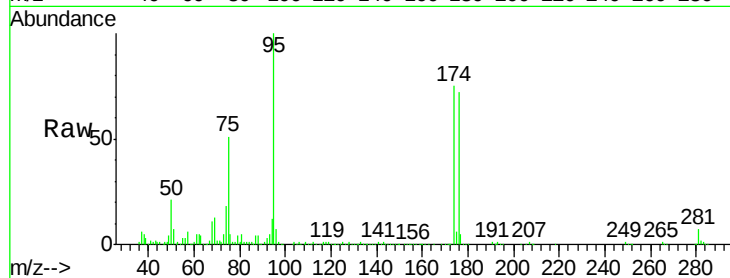




#62
4-Bromofluorobenzene
Concen: 53.807 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

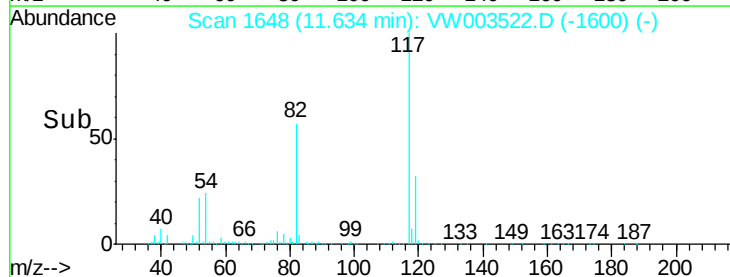
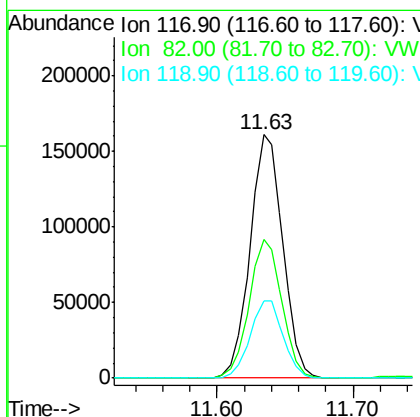
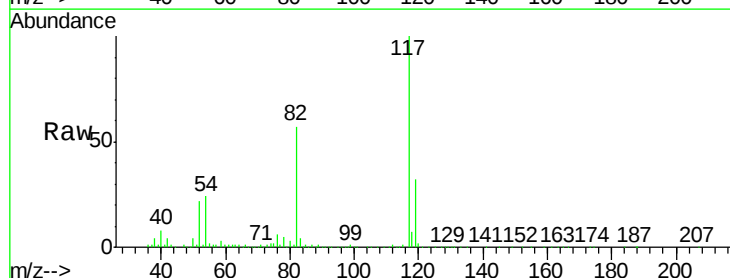
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-29-31-180620

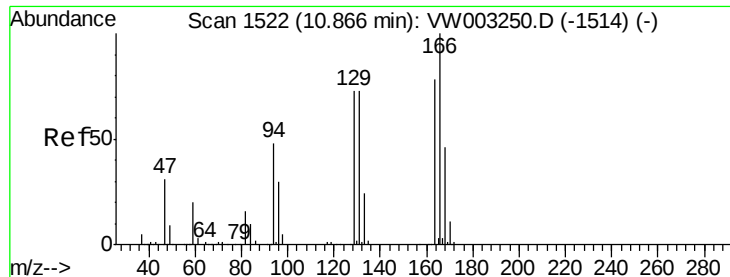
Tgt Ion: 95 Resp: 140500
Ion Ratio Lower Upper
95 100
174 78.5 0.0 166.4
176 76.3 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

Tgt Ion: 117 Resp: 271523
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 31.5 26.7 40.1

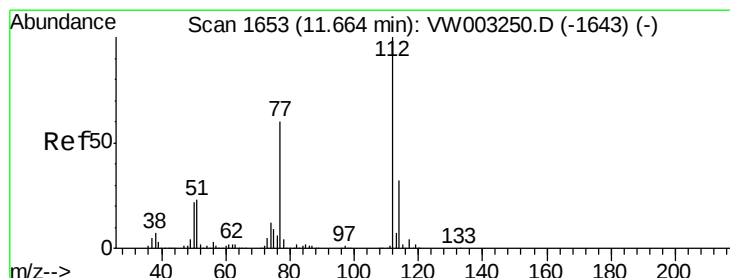
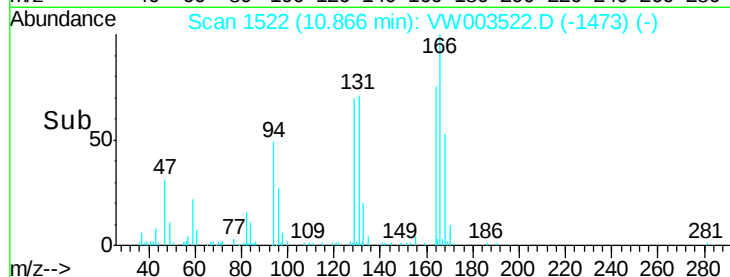
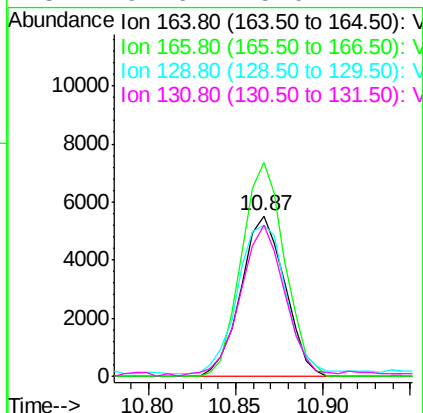
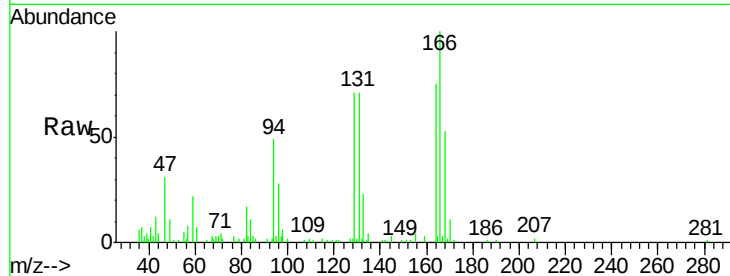




#64
Tetrachloroethene
Concen: 5.295 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

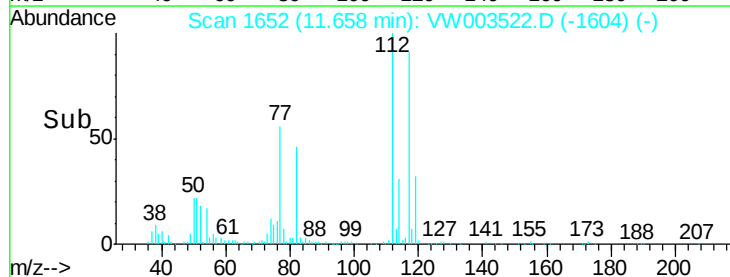
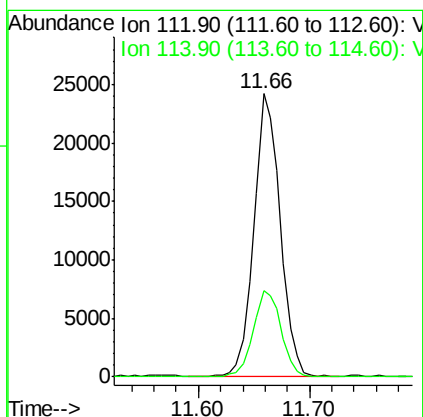
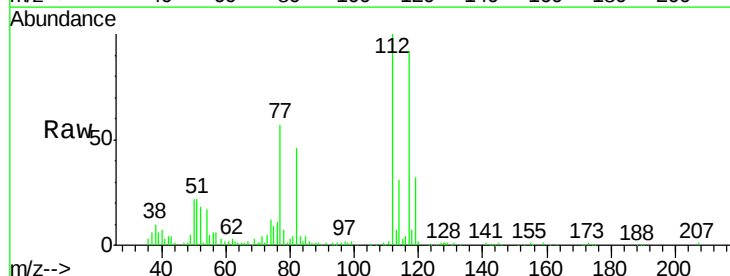
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-29-31-180620

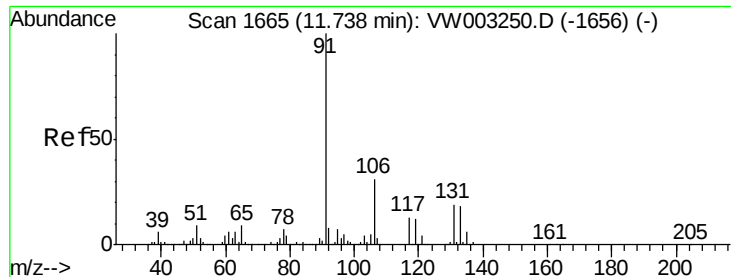
Tgt Ion:164 Resp: 9616
Ion Ratio Lower Upper
164 100
166 133.1 102.6 154.0
129 93.0 75.2 112.8
131 92.6 75.0 112.4



#65
Chlorobenzene
Concen: 7.065 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

Tgt Ion:112 Resp: 39945
Ion Ratio Lower Upper
112 100
114 30.5 25.9 38.9

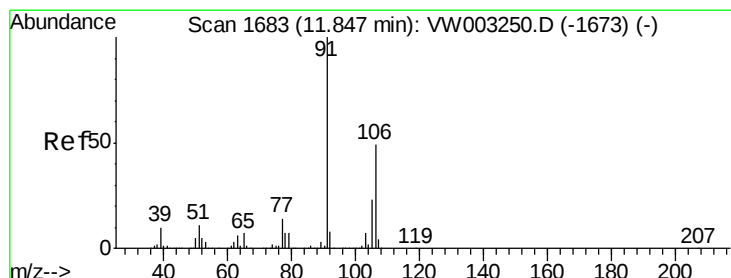
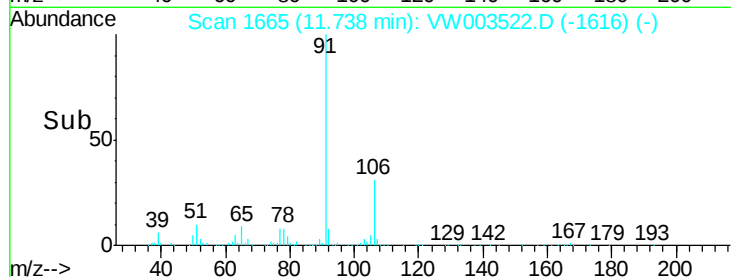
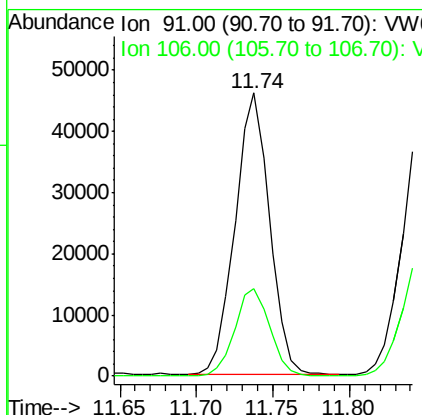
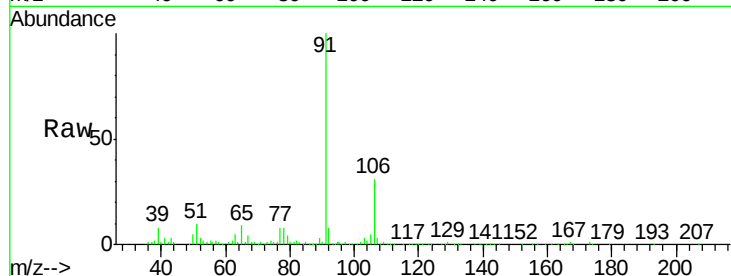




#67
Ethyl Benzene
Concen: 7.164 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

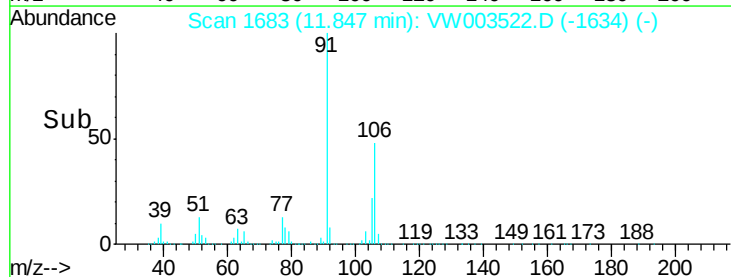
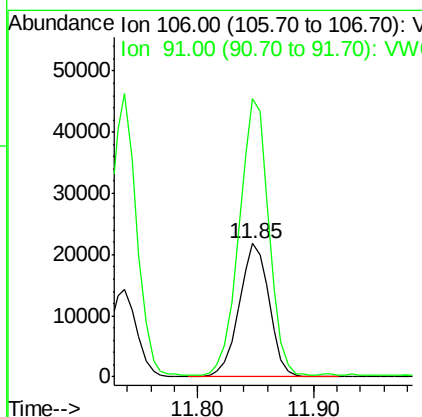
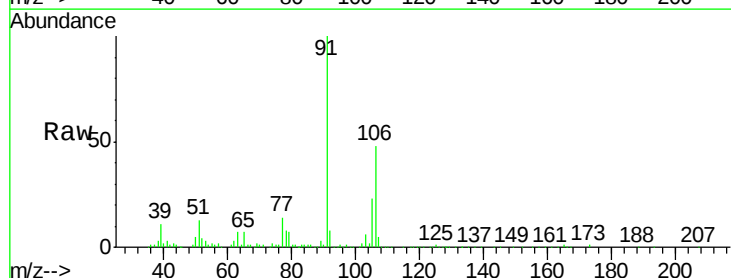
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-29-31-180620

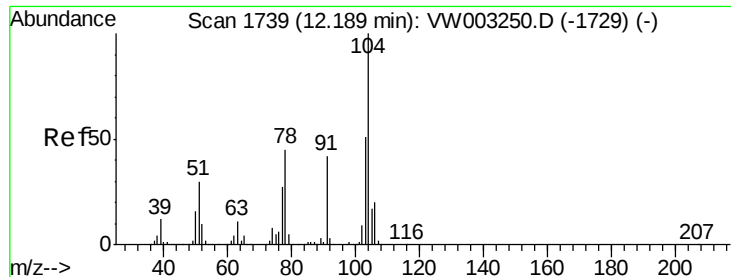
Tgt Ion: 91 Resp: 71808
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1



#68
m/p-Xylenes
Concen: 10.279 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

Tgt Ion: 106 Resp: 39162
Ion Ratio Lower Upper
106 100
91 203.5 165.4 248.0

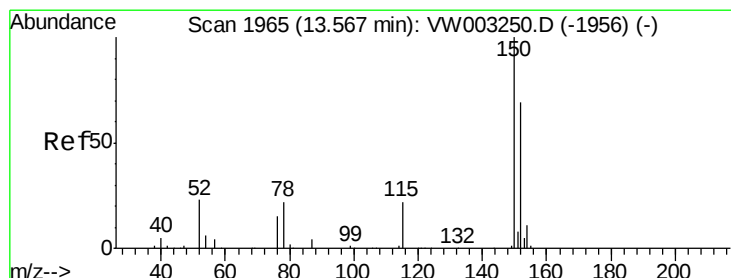
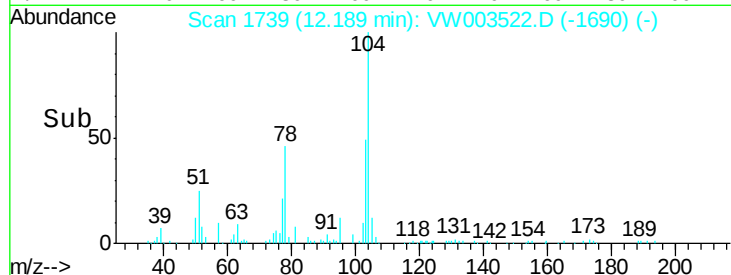
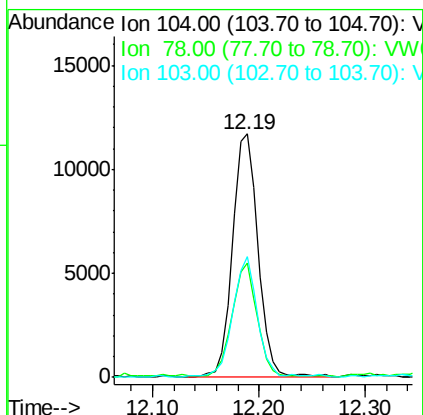
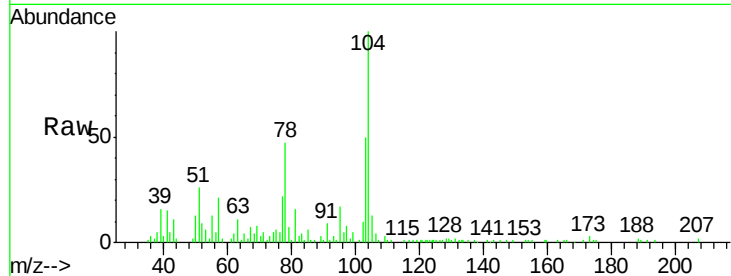




#70
Styrene
Concen: 3.369 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

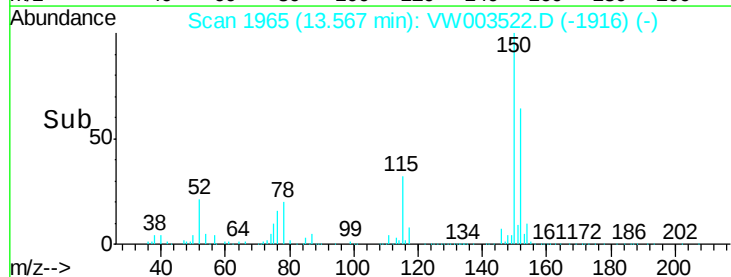
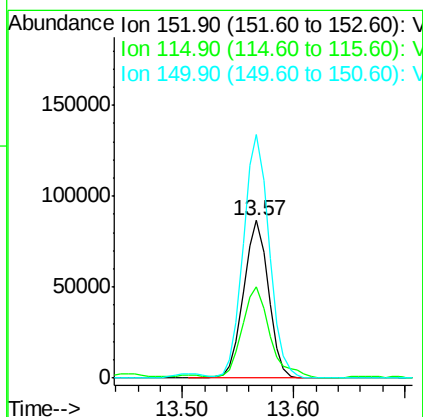
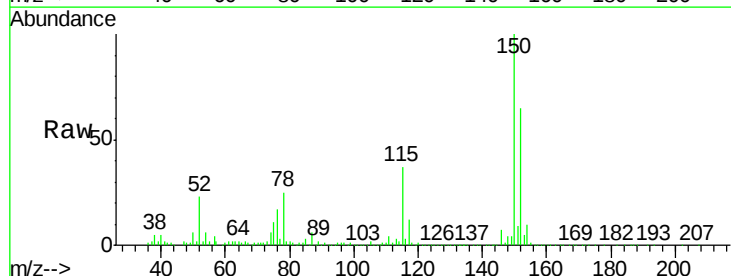
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-29-31-180620

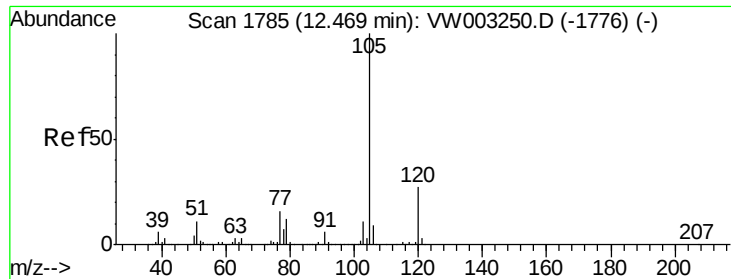
Tgt Ion:104 Resp: 19800
Ion Ratio Lower Upper
104 100
78 44.8 41.3 61.9
103 47.7 45.0 67.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

Tgt Ion:152 Resp: 134627
Ion Ratio Lower Upper
152 100
115 63.5 29.3 88.0
150 160.3 0.0 349.6





#73

Isopropylbenzene

Concen: 2.470 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003522.D

Acq: 24 Jun 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

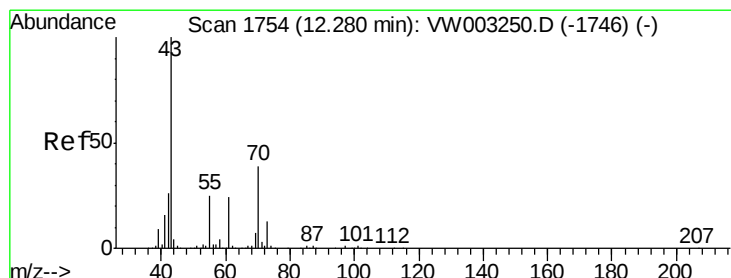
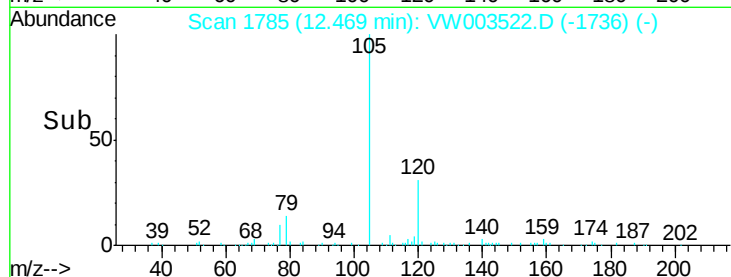
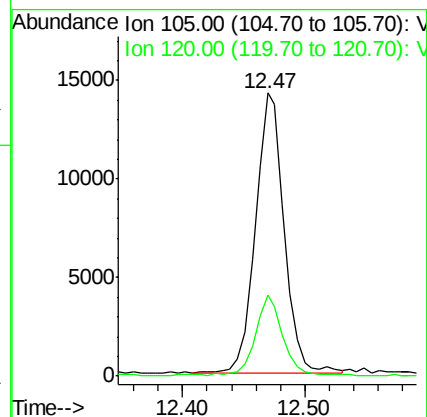
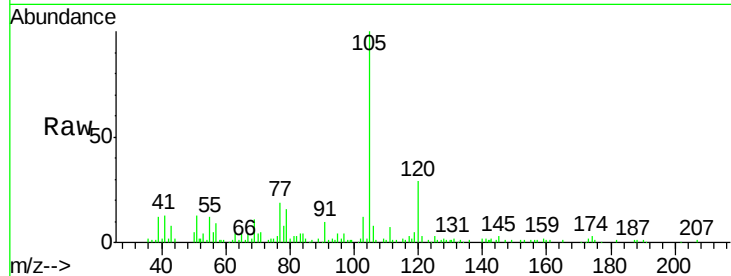
WP021SB479-29-31-180620

Tgt Ion:105 Resp: 23128

Ion Ratio Lower Upper

105 100

120 27.8 13.2 39.6



#74

N-ethyl acetate

Concen: 2.757 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW003522.D

Acq: 24 Jun 2018 20:15

Tgt Ion: 43 Resp: 5877

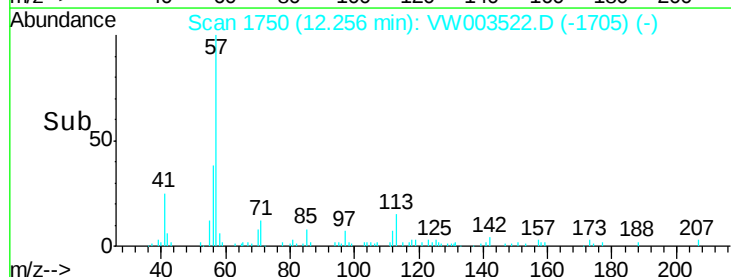
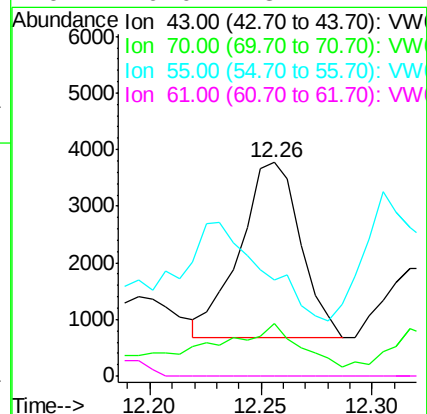
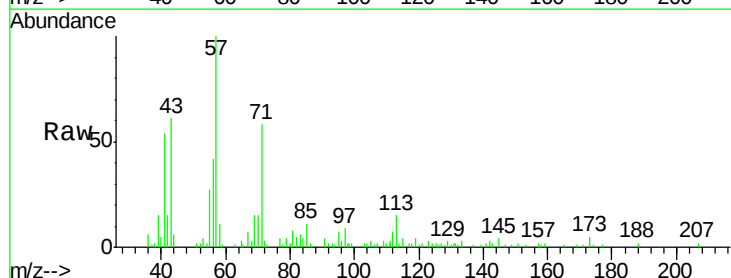
Ion Ratio Lower Upper

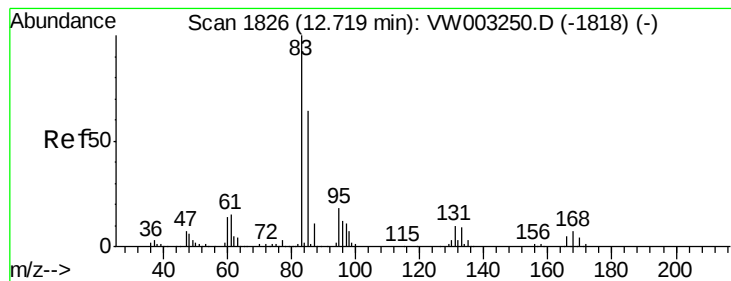
43 100

70 31.4 31.0 46.6

55 0.0 19.7 29.5#

61 0.0 18.1 27.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.600 ug/l

RT: 12.79 min Scan# 1837

Delta R.T. 0.07 min

Lab File: VW003522.D

Acq: 24 Jun 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-29-31-180620

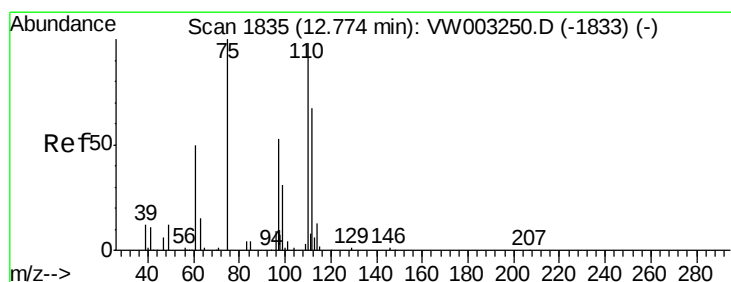
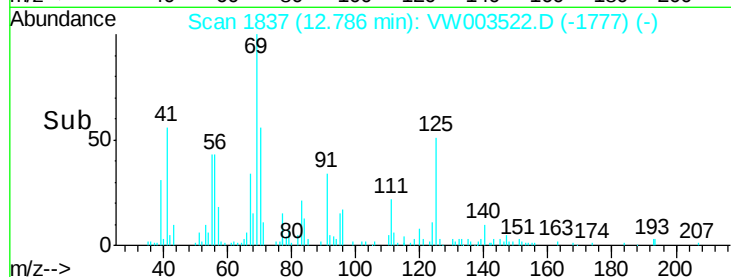
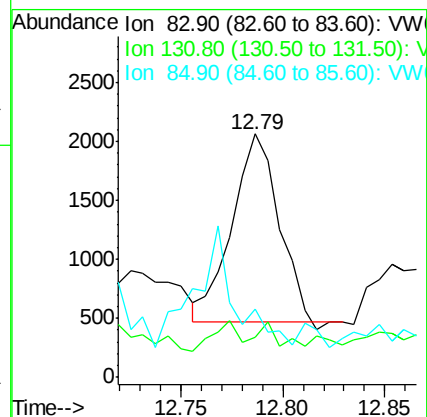
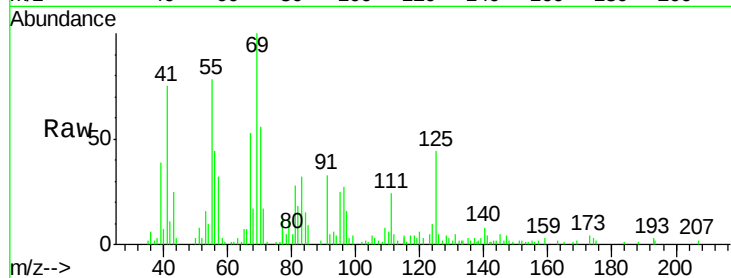
Tgt Ion: 83 Resp: 2534

Ion Ratio Lower Upper

83 100

131 8.4 5.4 16.2

85 54.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 62.758 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003522.D

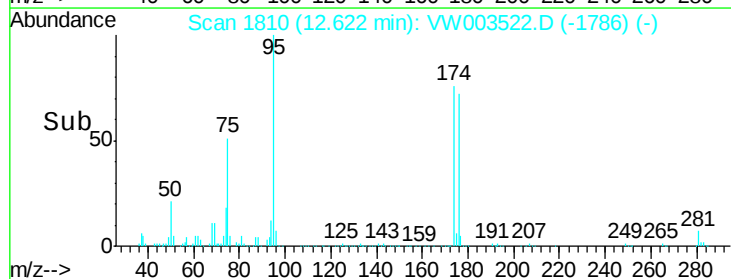
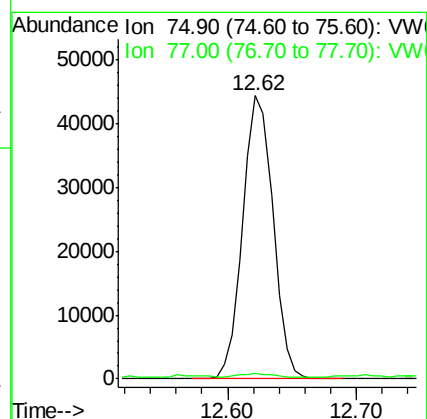
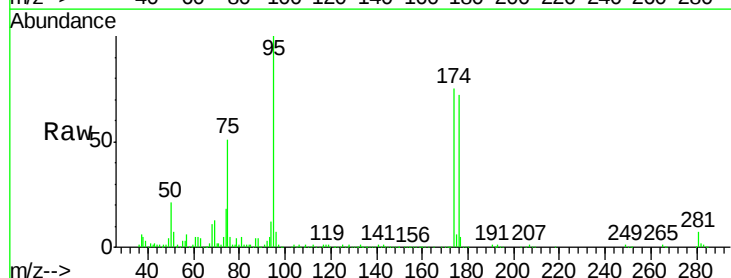
Acq: 24 Jun 2018 20:15

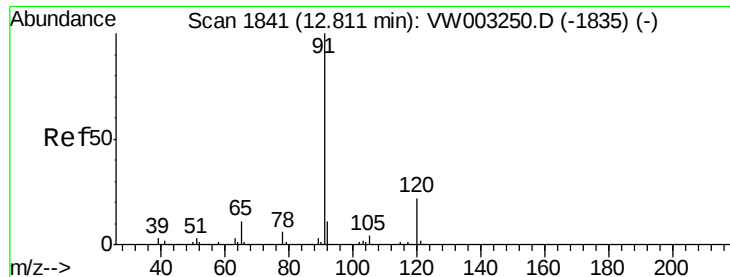
Tgt Ion: 75 Resp: 72228

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#





#78

n-propylbenzene

Concen: 4.068 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003522.D

Acq: 24 Jun 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

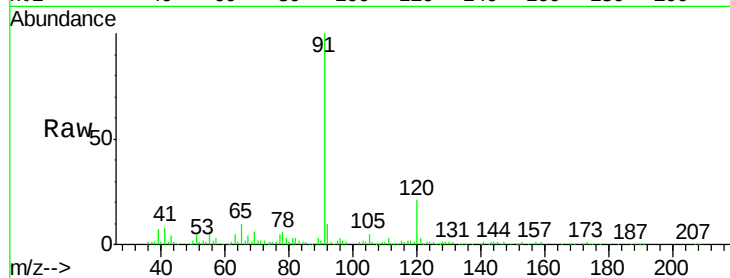
WP021SB479-29-31-180620

Tgt Ion: 91 Resp: 46640

Ion Ratio Lower Upper

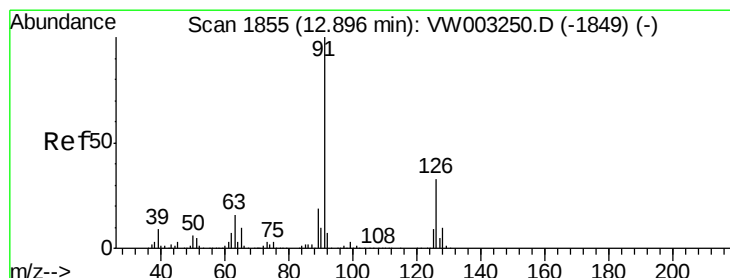
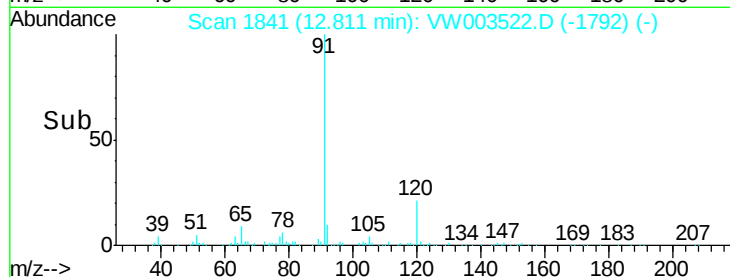
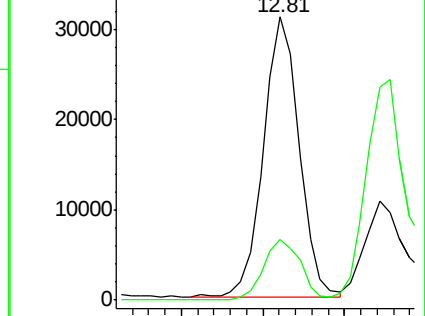
91 100

120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 2.415 ug/l

RT: 12.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: VW003522.D

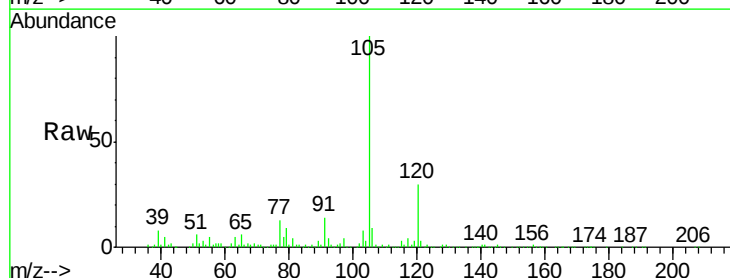
Acq: 24 Jun 2018 20:15

Tgt Ion: 91 Resp: 15646

Ion Ratio Lower Upper

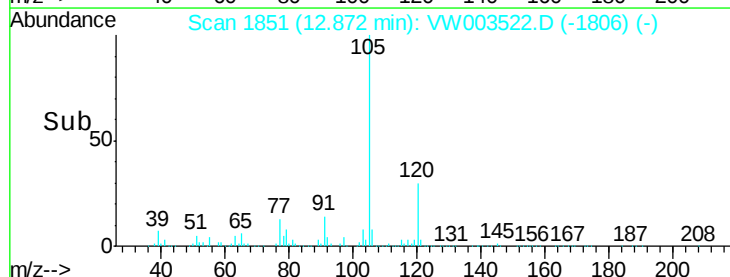
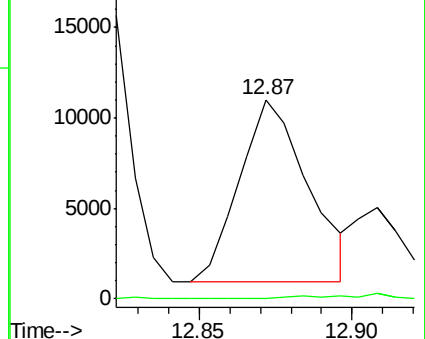
91 100

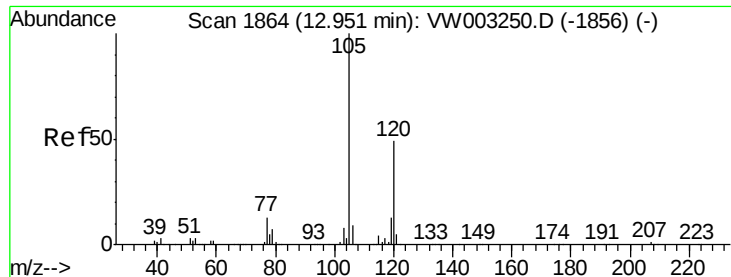
126 0.0 16.8 50.4#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

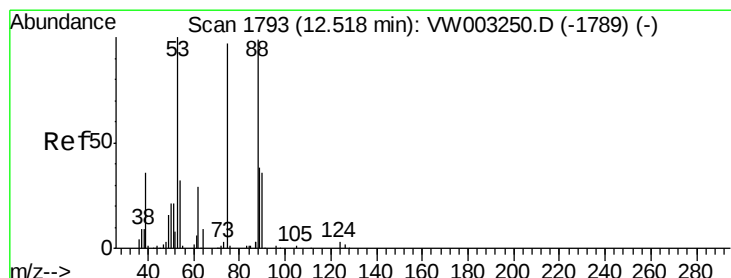
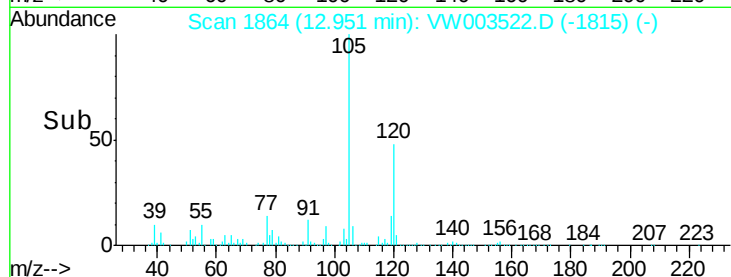
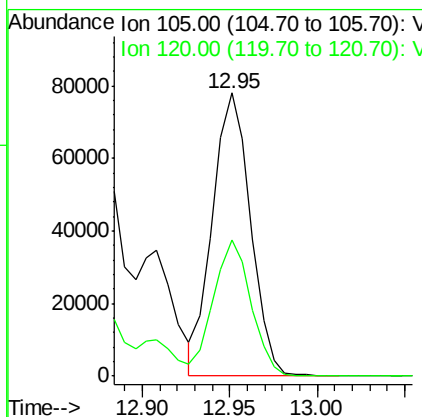
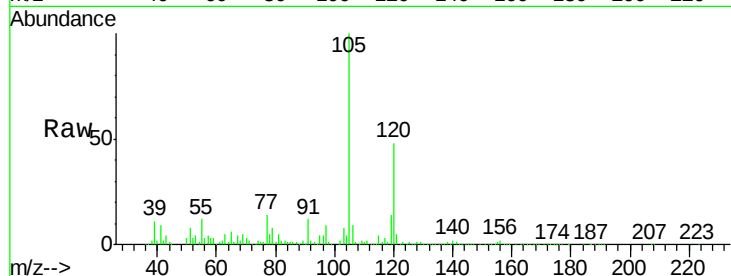




#80
 1,3,5-Trimethylbenzene
 Concen: 14.921 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003522.D
 Acq: 24 Jun 2018 20:15

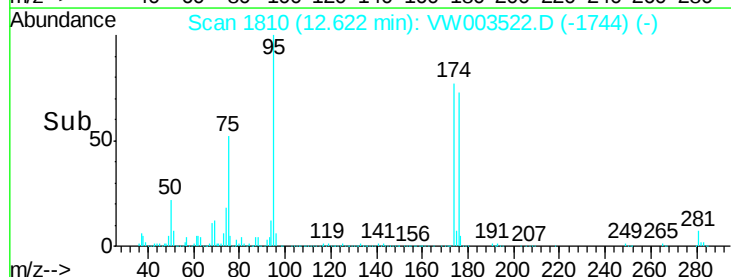
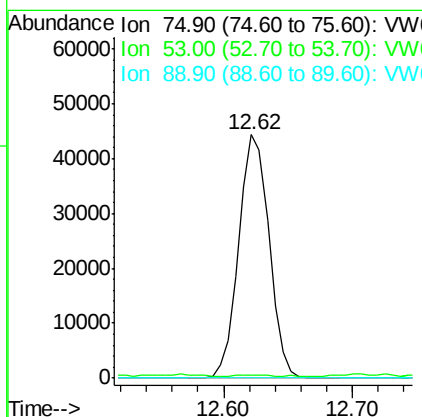
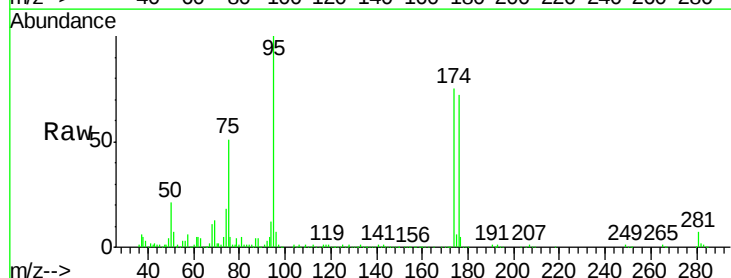
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB479-29-31-180620

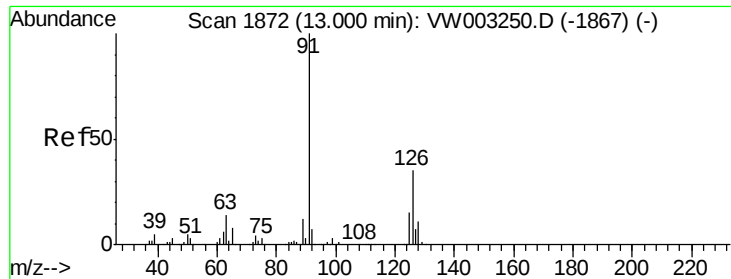
Tgt Ion: 105 Resp: 117273
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.409 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003522.D
 Acq: 24 Jun 2018 20:15

Tgt Ion: 75 Resp: 72228
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.9 124.3#
 89 0.1 36.7 55.1#

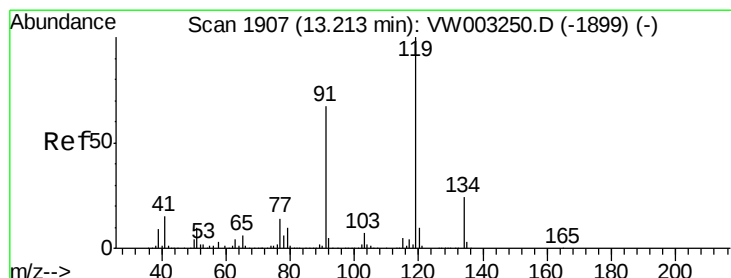
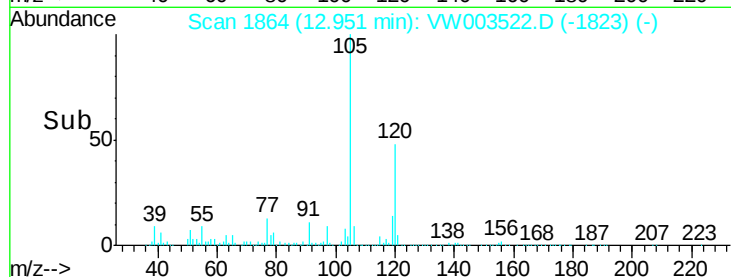
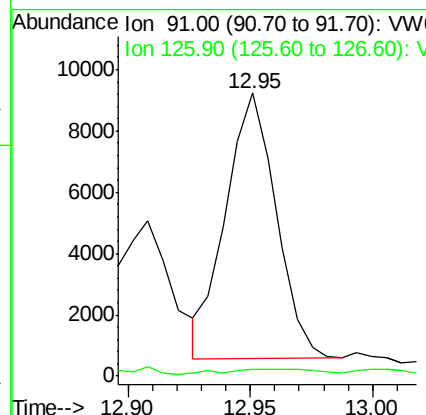
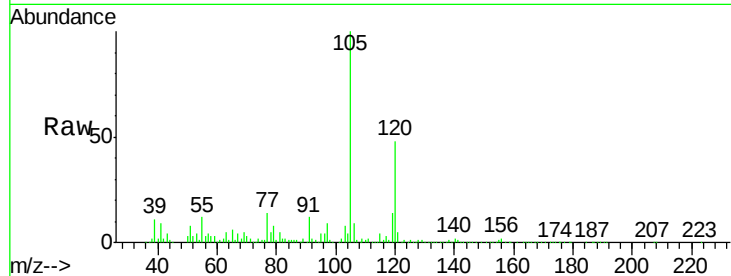




#82
4-Chlorotoluene
Concen: 1.809 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. -0.05 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

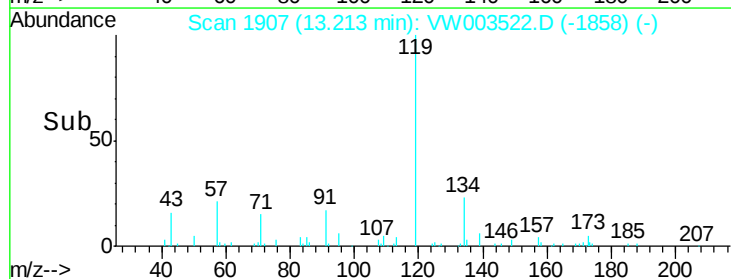
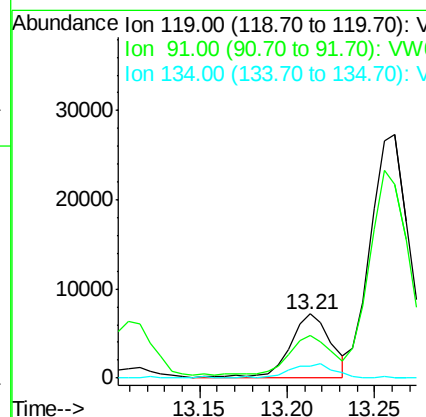
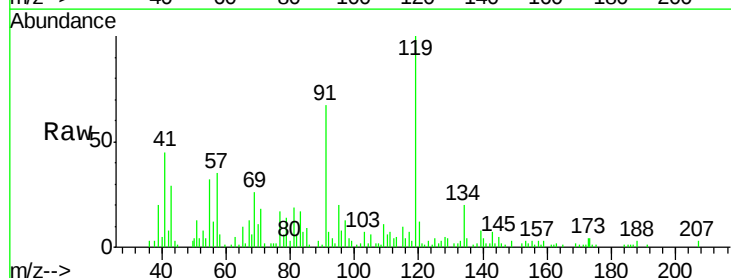
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-29-31-180620

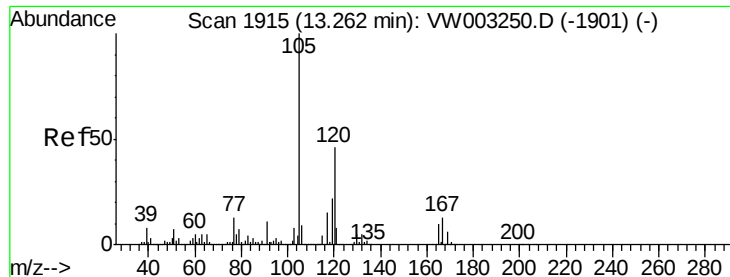
Tgt Ion: 91 Resp: 12432
Ion Ratio Lower Upper
91 100
126 3.9 16.8 50.3#



#83
tert-Butylbenzene
Concen: 1.688 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

Tgt Ion: 119 Resp: 11306
Ion Ratio Lower Upper
119 100
91 68.1 33.9 101.7
134 26.6 13.4 40.1

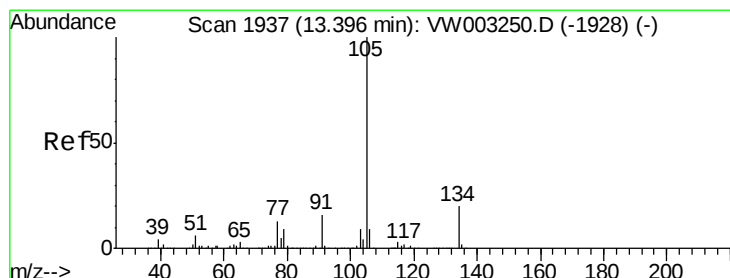
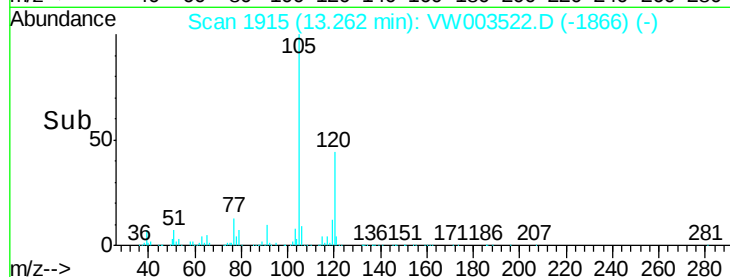
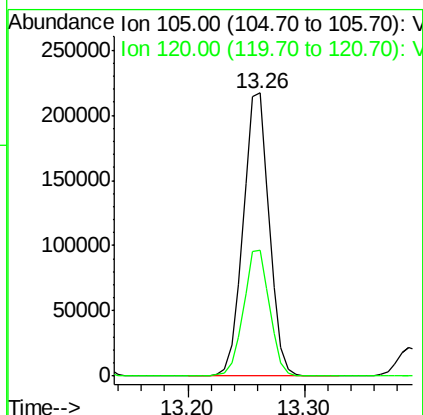
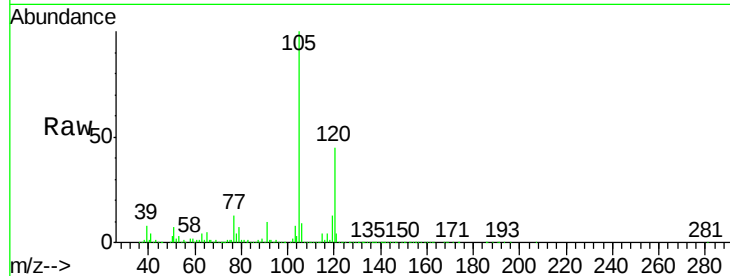




#84
 1,2,4-Trimethylbenzene
 Concen: 41.750 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003522.D
 Acq: 24 Jun 2018 20:15

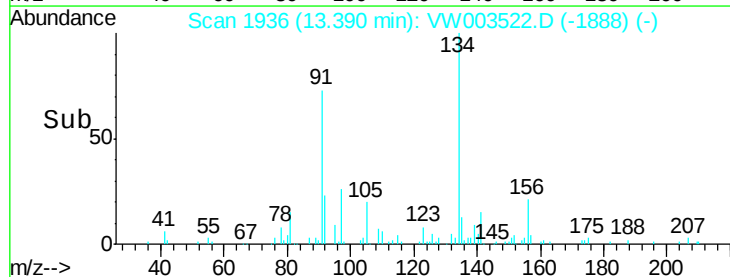
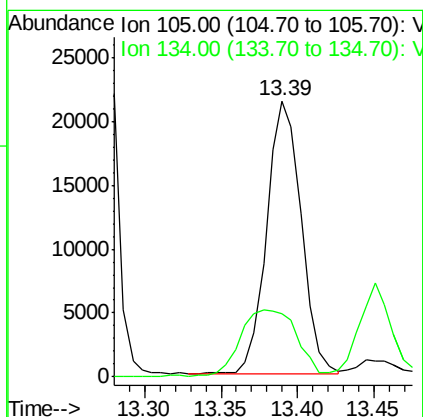
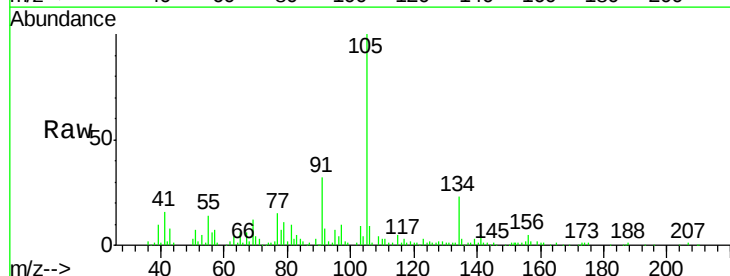
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB479-29-31-180620

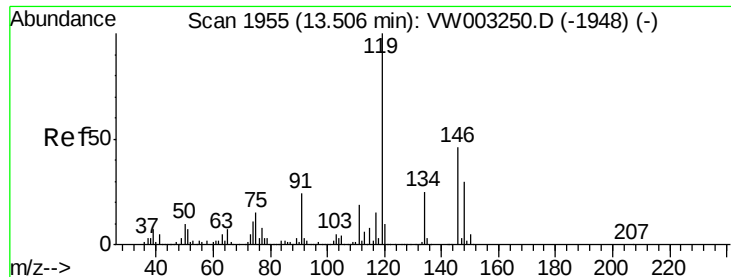
Tgt Ion:105 Resp: 337553
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.5 67.5



#85
 sec-Butylbenzene
 Concen: 3.386 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003522.D
 Acq: 24 Jun 2018 20:15

Tgt Ion:105 Resp: 33709
 Ion Ratio Lower Upper
 105 100
 134 39.4 9.8 29.5#

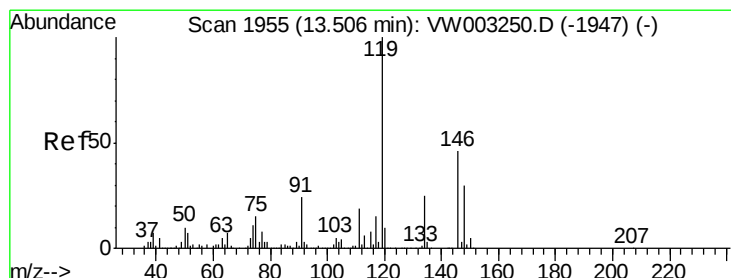
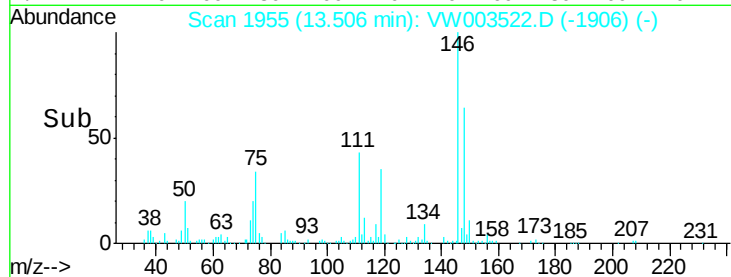
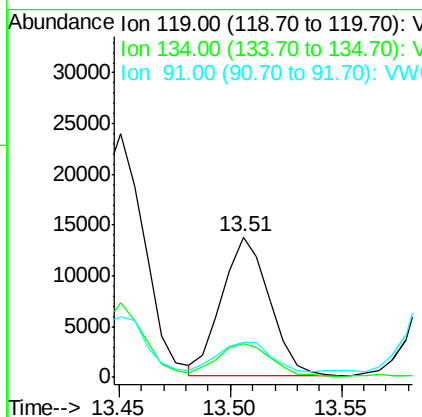
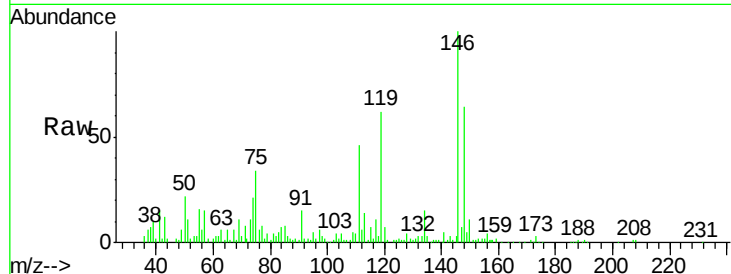




#86
p-Isopropyltoluene
Concen: 2.316 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

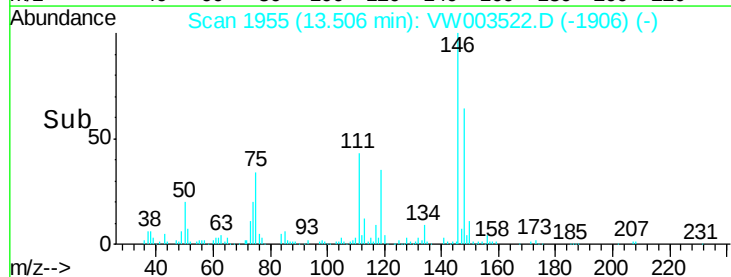
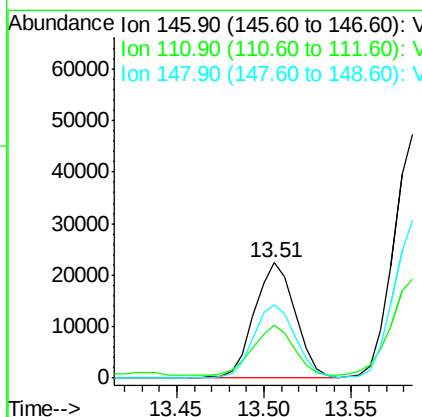
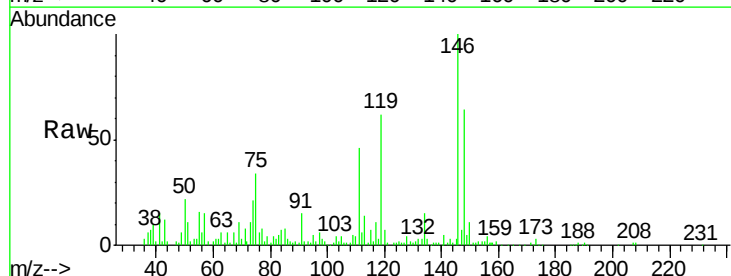
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-29-31-180620

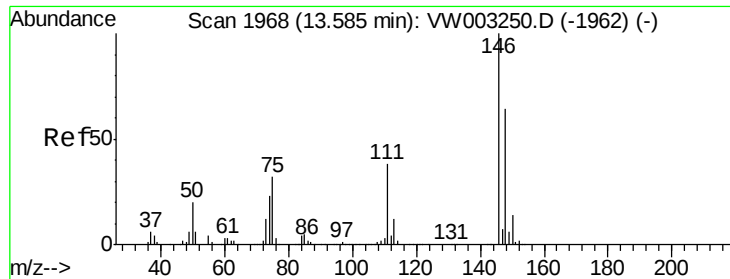
Tgt Ion:119 Resp: 20338
Ion Ratio Lower Upper
119 100
134 26.9 12.9 38.7
91 23.1 11.8 35.3



#87
1,3-Dichlorobenzene
Concen: 8.141 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

Tgt Ion:146 Resp: 36470
Ion Ratio Lower Upper
146 100
111 43.9 19.8 59.4
148 65.0 32.1 96.5

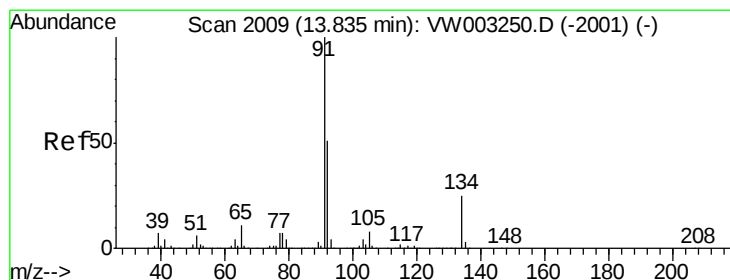
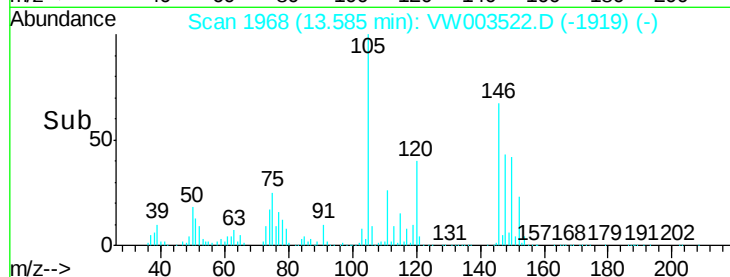
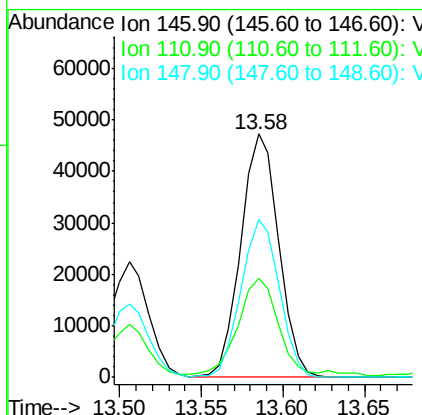
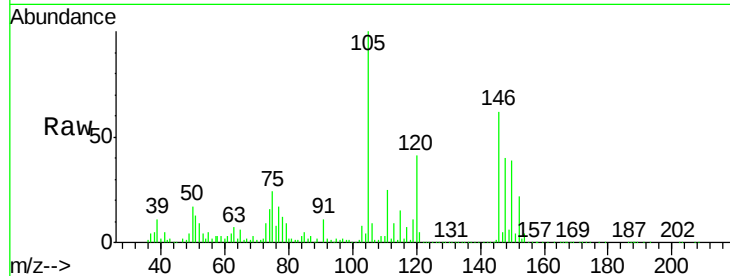




#88
 1,4-Dichlorobenzene
 Concen: 17.183 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003522.D
 Acq: 24 Jun 2018 20:15

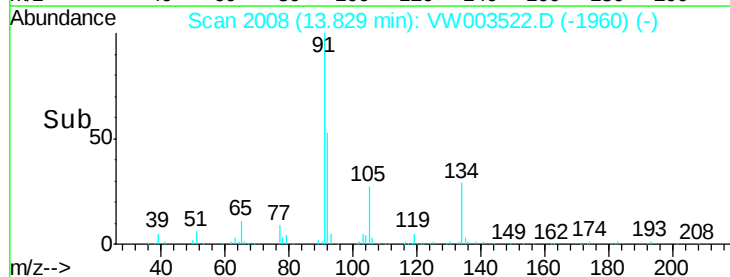
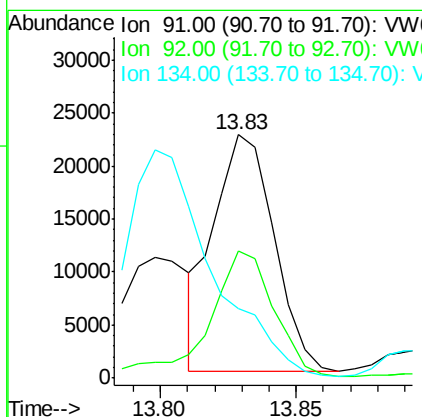
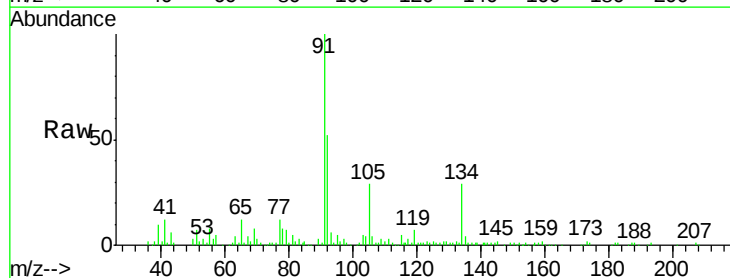
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB479-29-31-180620

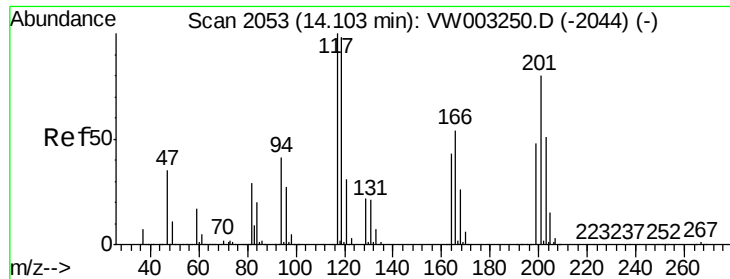
Tgt Ion:146 Resp: 76528
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.2 57.6
 148 65.8 31.8 95.4



#89
 n-Butylbenzene
 Concen: 3.990 ug/l
 RT: 13.83 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: VW003522.D
 Acq: 24 Jun 2018 20:15

Tgt Ion: 91 Resp: 34155
 Ion Ratio Lower Upper
 91 100
 92 57.0 26.0 78.0
 134 0.0 12.7 38.0#





#90

Hexachloroethane

Concen: 9.050 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003522.D

Acq: 24 Jun 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

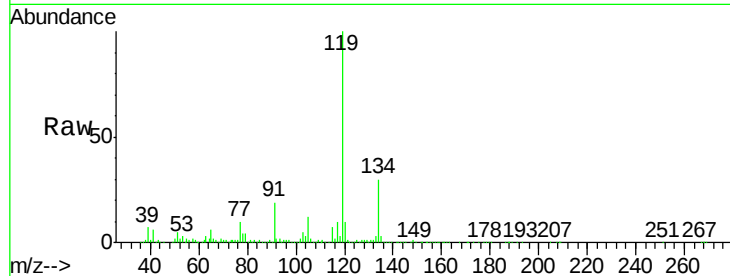
WP021SB479-29-31-180620

Tgt Ion:117 Resp: 14377

Ion Ratio Lower Upper

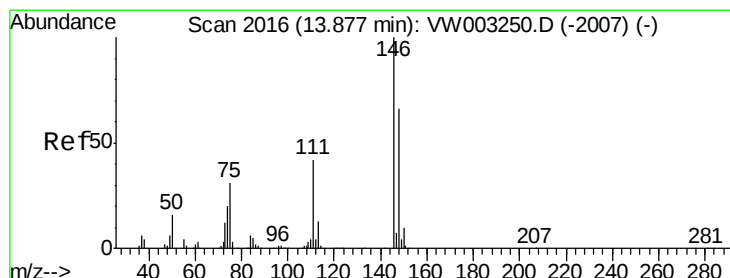
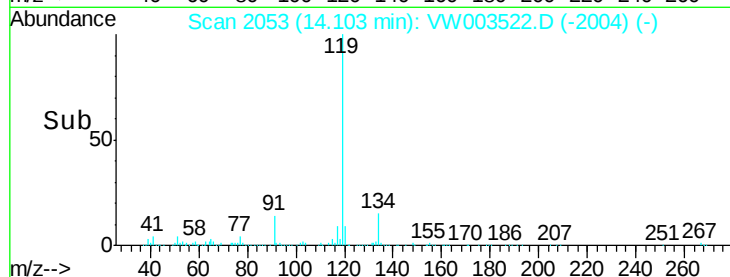
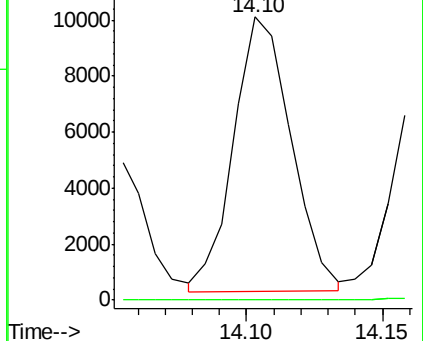
117 100

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: 51.747 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003522.D

Acq: 24 Jun 2018 20:15

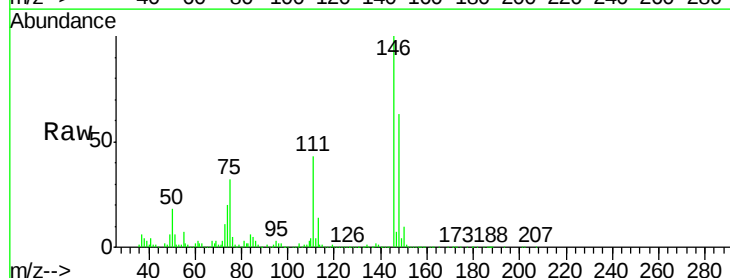
Tgt Ion:146 Resp: 203069

Ion Ratio Lower Upper

146 100

111 42.4 20.3 61.0

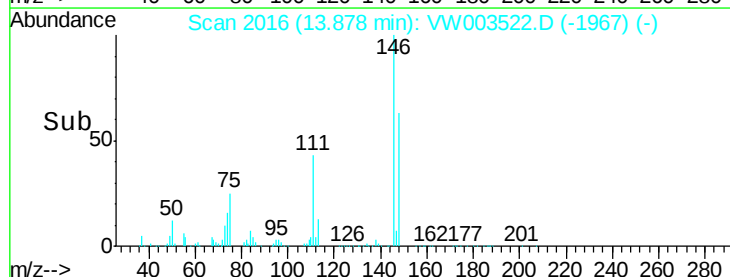
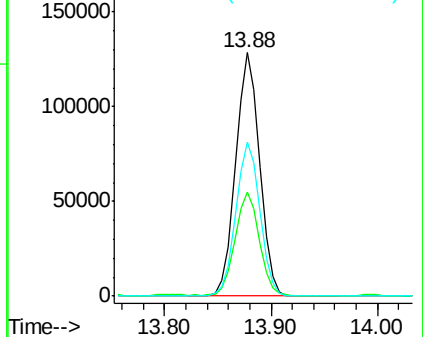
148 63.5 32.3 96.9

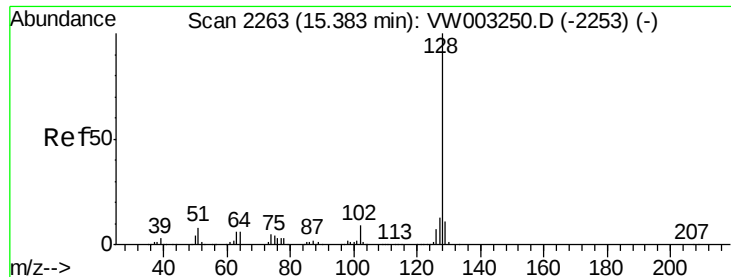


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

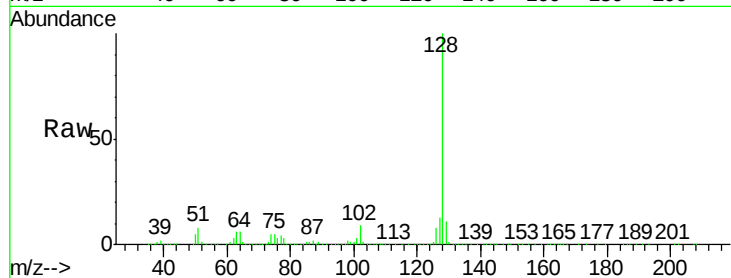




#95
Naphthalene
Concen: 68.652 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003522.D
Acq: 24 Jun 2018 20:15

Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-29-31-180620

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	11.2	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

