

Data File : VW003520.D
Acq On : 24 Jun 2018 19:23
Operator : SY/AP
Sample : J3669-22
Misc : 6.30G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-25-27-180620

Quant Time: Jun 24 23:30:46 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	158170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	276489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	257314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	227549	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	109810	64.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.20%	
35) Dibromofluoromethane	7.88	113	92269	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
50) Toluene-d8	10.33	98	379267	55.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.34%	
62) 4-Bromofluorobenzene	12.62	95	301553	125.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	250.16%	

Target Compounds

						Qvalue
4) Vinyl Chloride	2.36	62	6382	3.623	ug/l	90
8) Diethyl Ether	3.69	74	808	1.042	ug/l #	1
11) Tert butyl alcohol	5.22	59	928	10.100	ug/l #	84
13) Acrolein	3.90	56	769	5.854	ug/l #	81
16) Acetone	4.14	43	66834	186.004	ug/l	97
17) Carbon Disulfide	4.37	76	5370	1.269	ug/l	96
18) Methyl Acetate	4.68	43	3260	3.824	ug/l	98
20) Methylene Chloride	4.92	84	21879	11.508	ug/l	95
25) 2-Butanone	7.19	43	5564	12.453	ug/l	92
27) cis-1,2-Dichloroethene	7.17	96	6298	3.679	ug/l	97
29) Tetrahydrofuran	7.55	42	775	2.838	ug/l #	83
31) Cyclohexane	7.96	56	18163	6.561	ug/l #	87
36) 1,1-Dichloropropene	7.95	75	13048	4.887	ug/l #	52
37) Ethyl Acetate	7.19	43	5564	5.030	ug/l #	70
38) Carbon Tetrachloride	7.95	117	15777	6.024	ug/l #	17
39) Methylcyclohexane	9.34	83	350278	113.374	ug/l	91
43) Isopropyl Acetate	8.48	43	358223	163.090	ug/l #	53
44) Trichloroethene	9.10	130	9735	4.992	ug/l	95
45) 1,2-Dichloropropane	9.34	63	4900	2.615	ug/l #	1
47) Bromodichloromethane	9.76	83	13608	5.533	ug/l #	41
48) Methyl methacrylate	9.47	41	42440	41.115	ug/l #	29
51) 4-Methyl-2-Pentanone	10.26	43	116718	104.285	ug/l #	83
55) 1,1,2-Trichloroethane	10.77	97	114440	84.645	ug/l #	31
56) Ethyl methacrylate	10.67	69	50138	30.539	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.89	63	4829	6.561	ug/l #	48
59) 2-Hexanone	10.94	43	246647	315.456	ug/l #	32
65) Chlorobenzene	11.66	112	928806	173.338	ug/l	100
69) o-Xylene	12.17	106	8196	2.449	ug/l #	1
73) Isopropylbenzene	12.47	105	66444	4.198	ug/l	97
74) N-amyl acetate	12.26	43	1664449	462.038	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.70	83	138823	51.846	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	70842	36.417	ug/l #	100
78) n-propylbenzene	12.79	91	43564	2.248	ug/l #	53
79) 2-Chlorotoluene	12.90	91	61367	5.603	ug/l #	51

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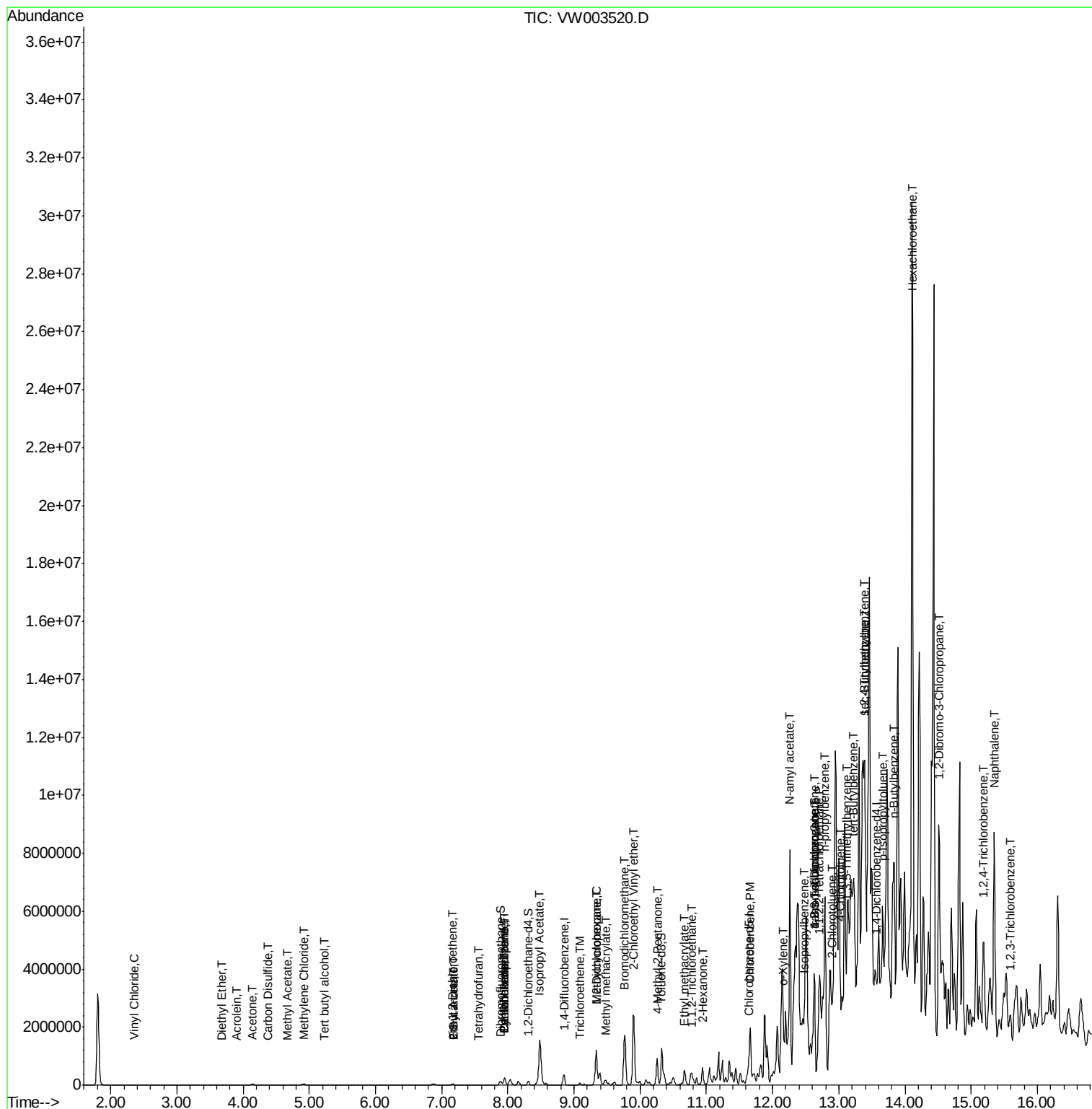
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	13.12	105	87555	6.591	ug/l	73
81) trans-1,4-Dichloro-2-buten	12.62	75	70842	83.798	ug/l #	79
82) 4-Chlorotoluene	13.02	91	20409	1.757	ug/l #	41
83) tert-Butylbenzene	13.21	119	900358	79.526	ug/l	96
84) 1,2,4-Trimethylbenzene	13.40	105	3088054	225.973	ug/l #	32
85) sec-Butylbenzene	13.40	105	3088054	183.503	ug/l #	49
86) p-Isopropyltoluene	13.66	119	1704602	114.846	ug/l	95
89) n-Butylbenzene	13.84	91	2817925	194.771	ug/l	92
90) Hexachloroethane	14.11	117	1273839	474.431	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17511	38.862	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.19	180	4735	1.017	ug/l #	1
95) Naphthalene	15.35	128	33735	4.271	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.59	180	7352	1.794	ug/l #	1

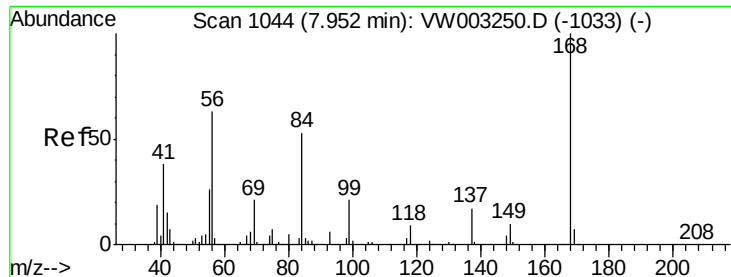
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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Acq: 24 Jun 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

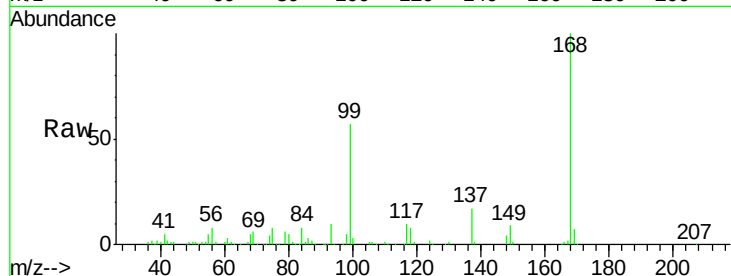
WP021SB479-25-27-180620

Tgt Ion:168 Resp: 158170

Ion Ratio Lower Upper

168 100

99 57.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

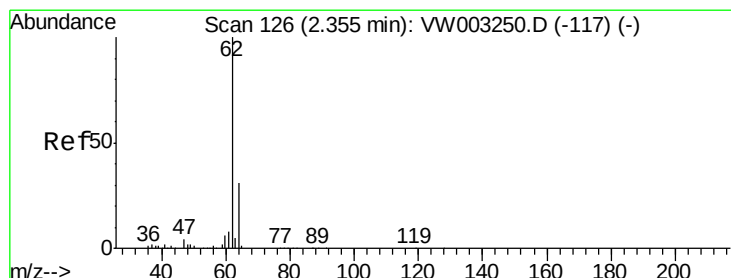
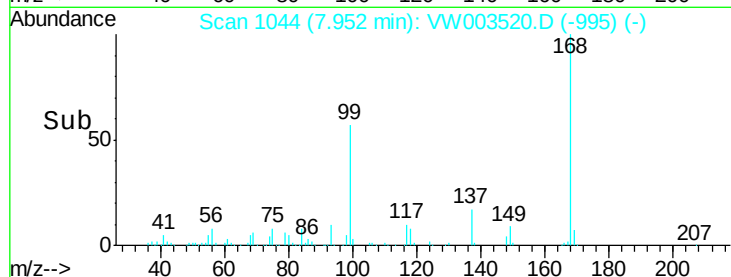
40000

20000

0

7.90 8.00

Time-->



#4

Vinyl Chloride

Concen: 3.623 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003520.D

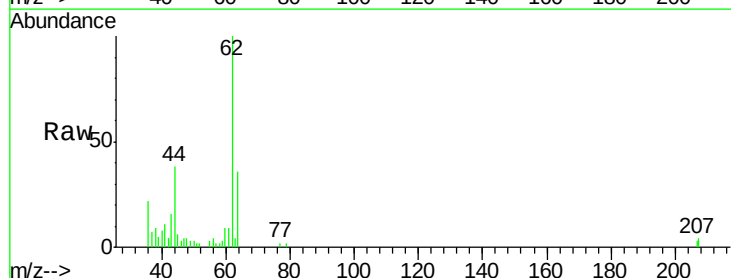
Acq: 24 Jun 2018 19:23

Tgt Ion: 62 Resp: 6382

Ion Ratio Lower Upper

62 100

64 36.3 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

3000

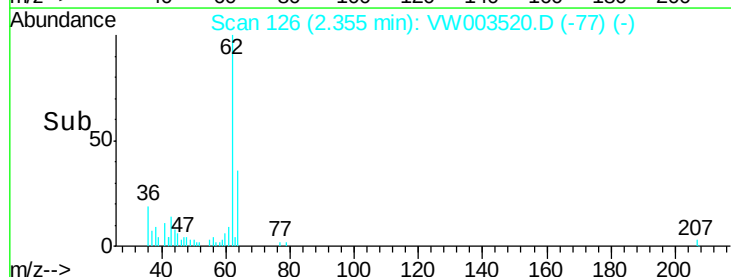
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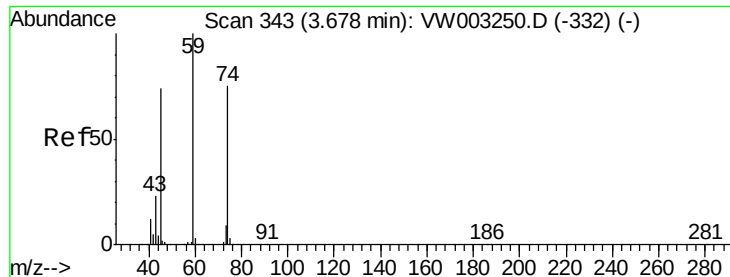
1000

0

2.30 2.35 2.40

Time-->





#8

Diethyl Ether

Concen: 1.042 ug/l

RT: 3.69 min Scan# 345

Delta R.T. 0.01 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

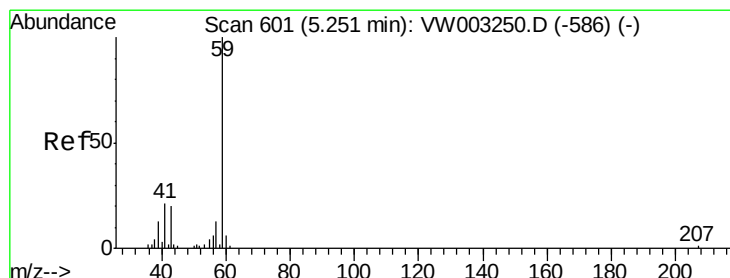
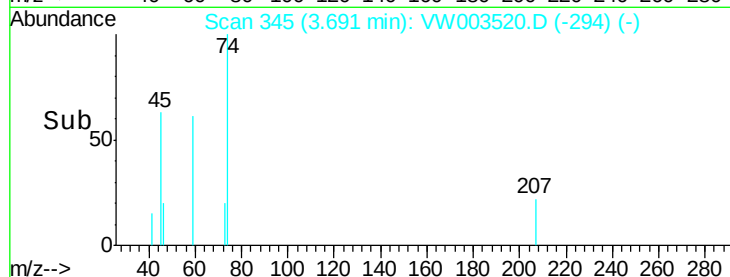
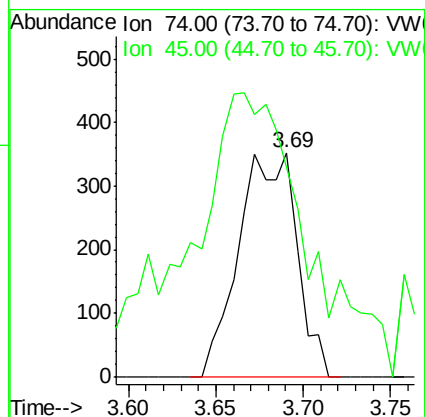
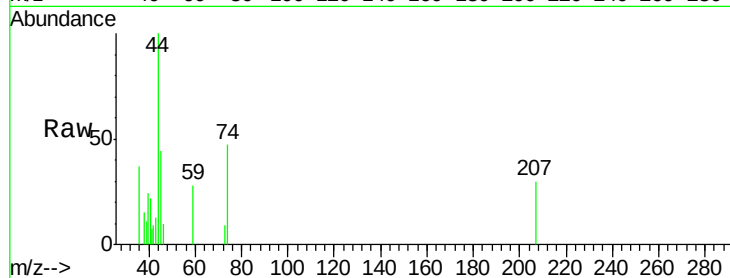
WP021SB479-25-27-180620

Tgt Ion: 74 Resp: 808

Ion Ratio Lower Upper

74 100

45 0.0 51.4 154.2#



#11

Tert butyl alcohol

Concen: 10.100 ug/l

RT: 5.22 min Scan# 596

Delta R.T. -0.03 min

Lab File: VW003520.D

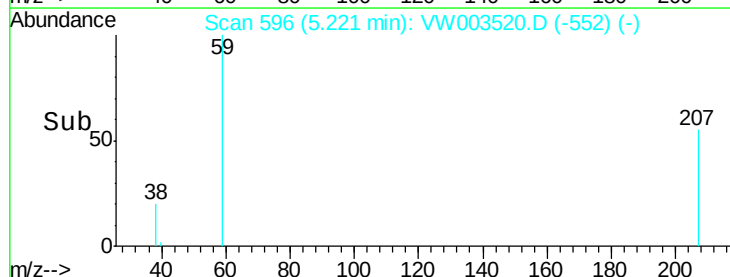
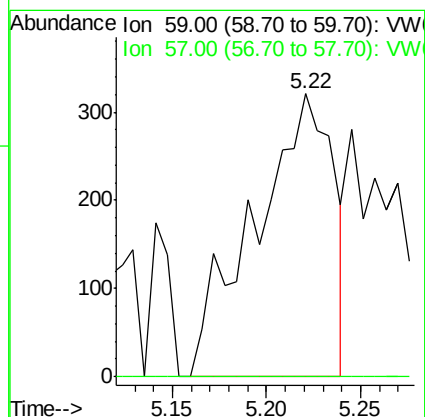
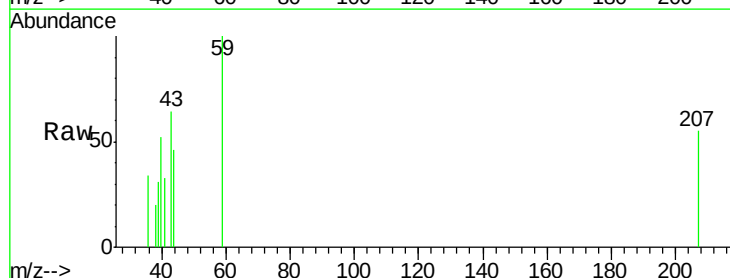
Acq: 24 Jun 2018 19:23

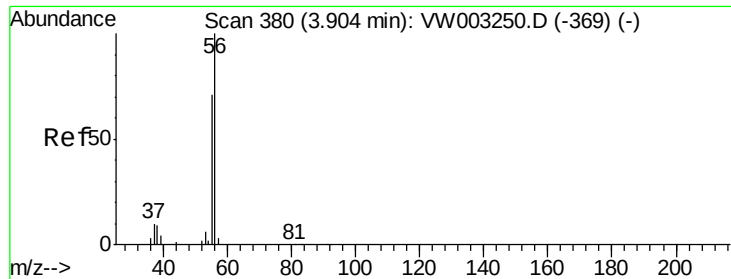
Tgt Ion: 59 Resp: 928

Ion Ratio Lower Upper

59 100

57 0.0 4.2 6.2#





#13

Acrolein

Concen: 5.854 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

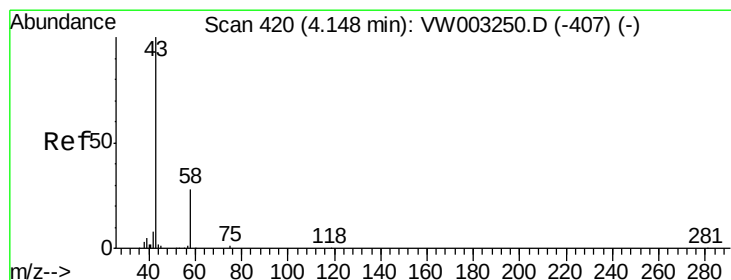
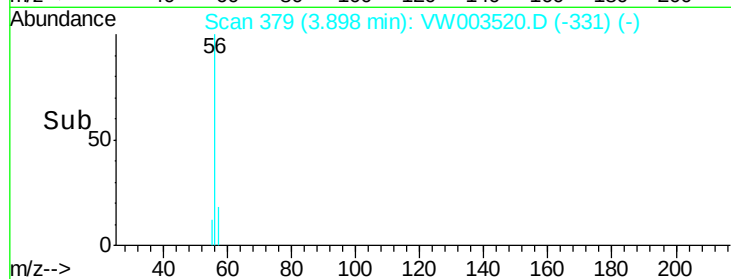
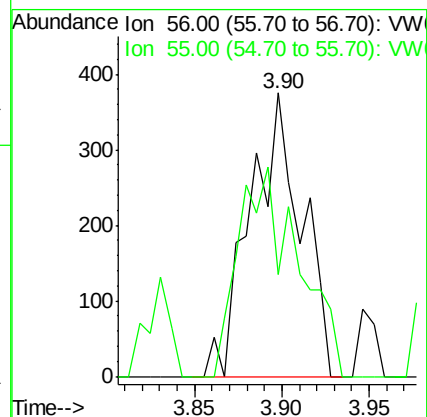
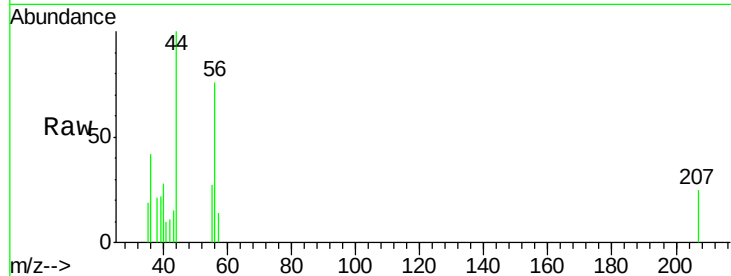
WP021SB479-25-27-180620

Tgt Ion: 56 Resp: 769

Ion Ratio Lower Upper

56 100

55 85.2 55.4 83.2#



#16

Acetone

Concen: 186.004 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW003520.D

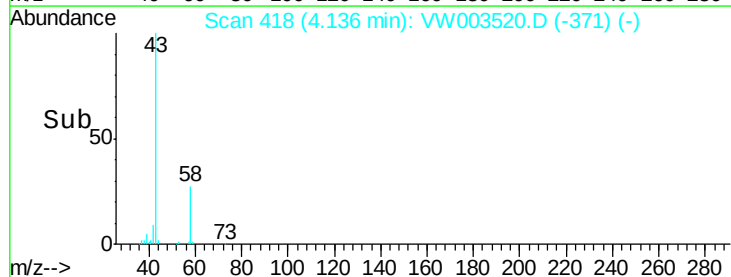
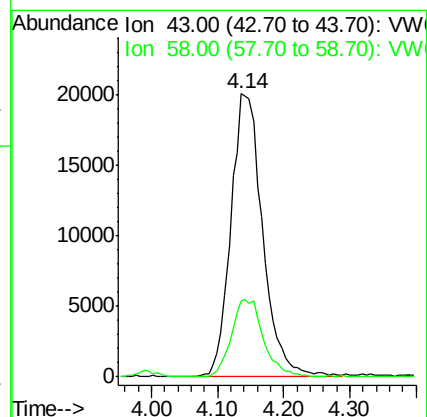
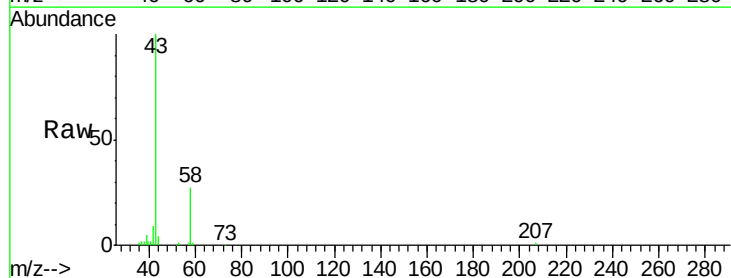
Acq: 24 Jun 2018 19:23

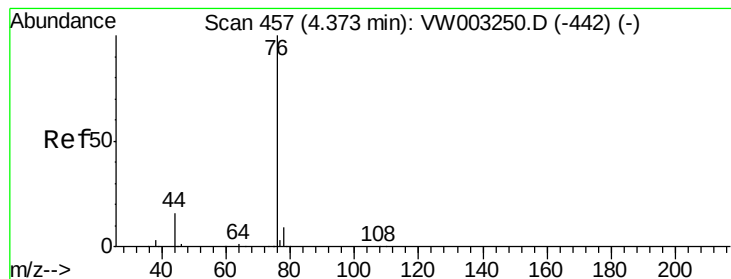
Tgt Ion: 43 Resp: 66834

Ion Ratio Lower Upper

43 100

58 26.8 22.6 34.0





#17

Carbon Disulfide

Concen: 1.269 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

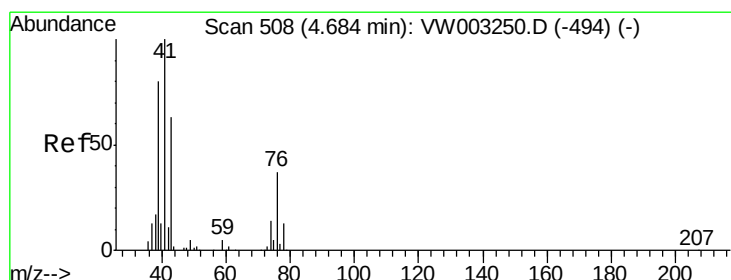
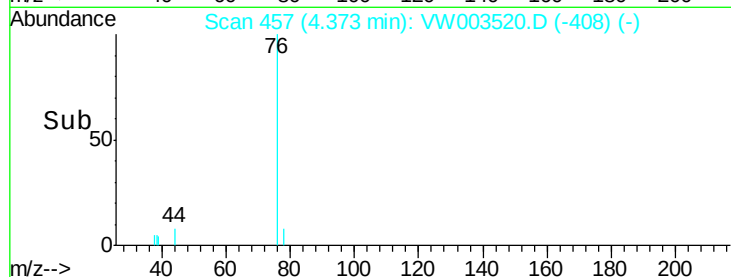
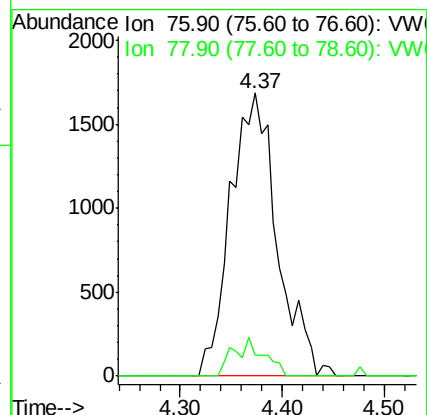
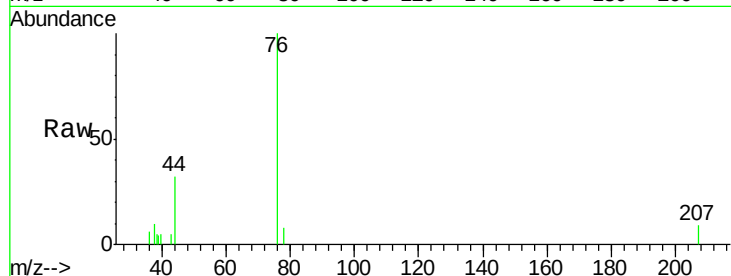
WP021SB479-25-27-180620

Tgt Ion: 76 Resp: 5370

Ion Ratio Lower Upper

76 100

78 7.6 7.1 10.7



#18

Methyl Acetate

Concen: 3.824 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003520.D

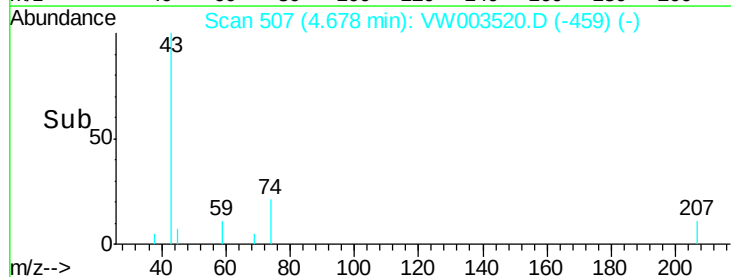
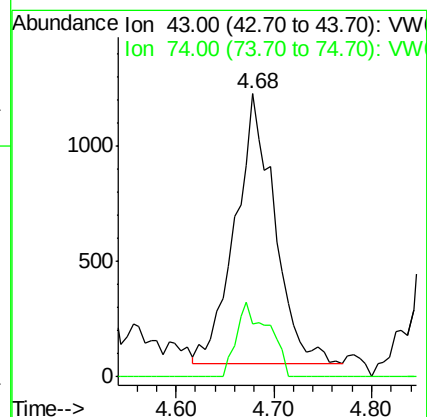
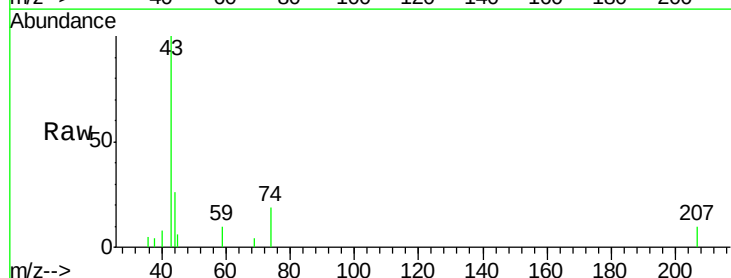
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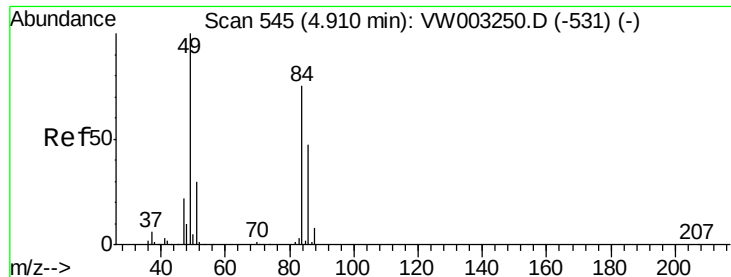
Tgt Ion: 43 Resp: 3260

Ion Ratio Lower Upper

43 100

74 22.5 18.7 28.1

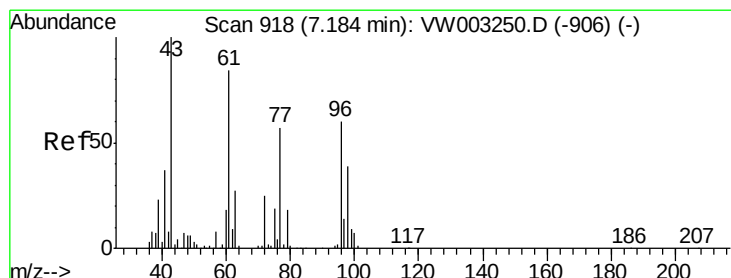
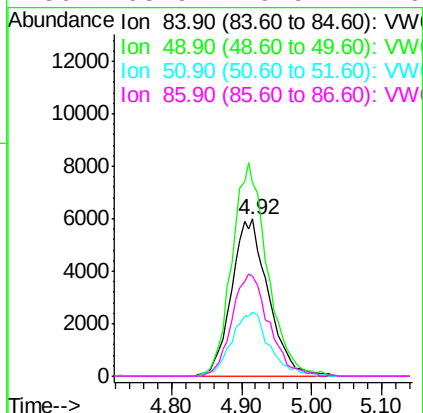
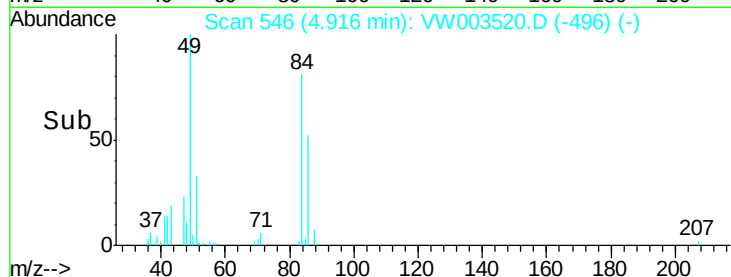
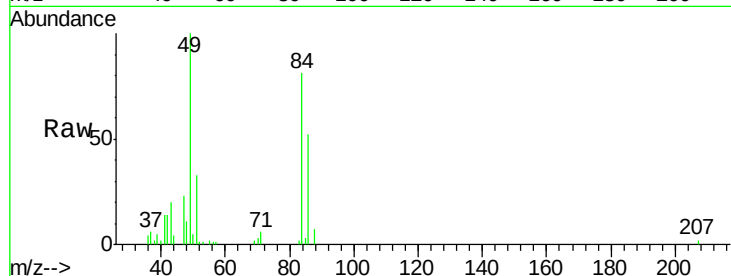




#20
Methylene Chloride
Concen: 11.508 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003520.D
Acq: 24 Jun 2018 19:23

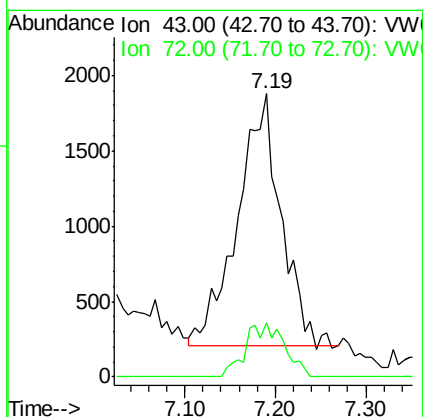
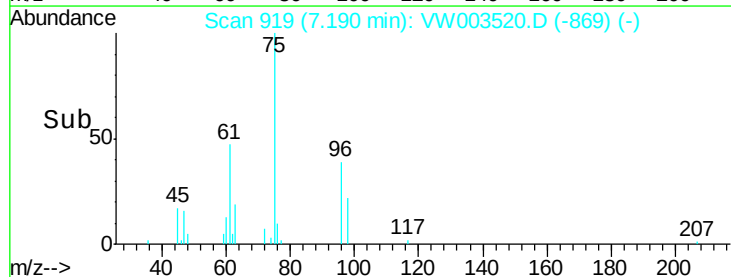
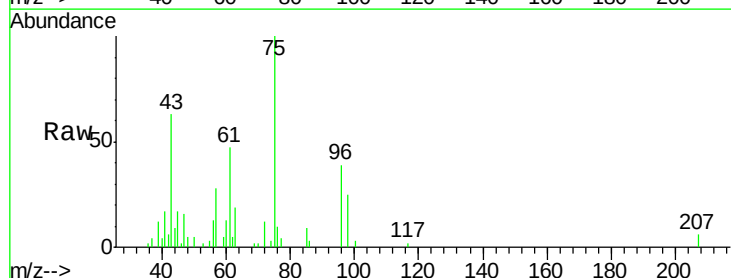
Instrument :
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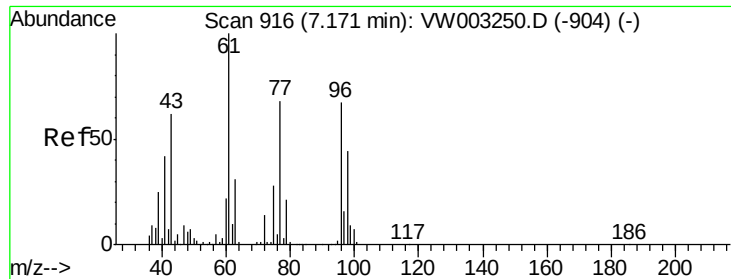
Tgt Ion: 84 Resp: 21879
Ion Ratio Lower Upper
84 100
49 123.3 106.3 159.5
51 40.7 32.0 48.0
86 63.9 49.9 74.9



#25
2-Butanone
Concen: 12.453 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW003520.D
Acq: 24 Jun 2018 19:23

Tgt Ion: 43 Resp: 5564
Ion Ratio Lower Upper
43 100
72 21.4 20.3 30.5



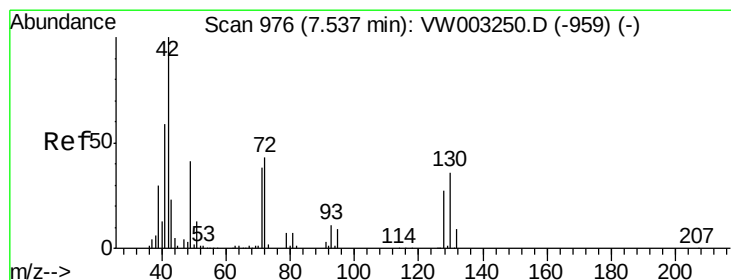
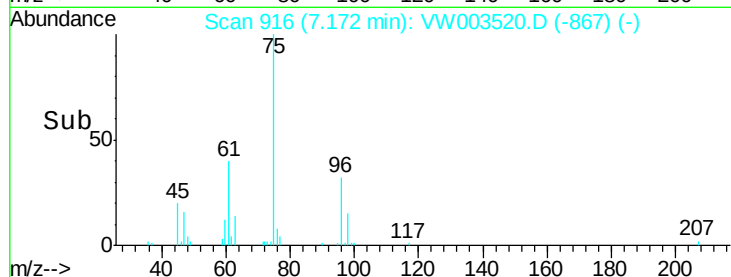
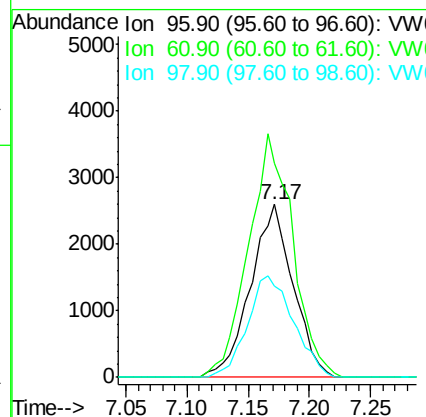
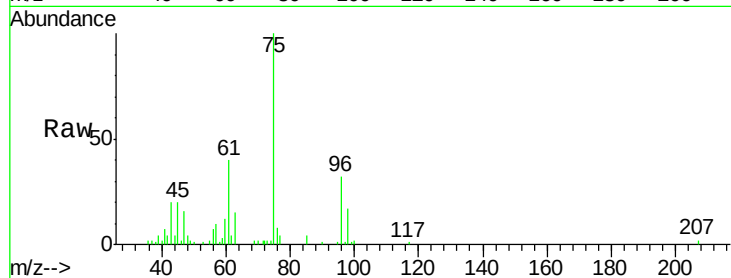


#27

cis-1,2-Dichloroethene
 Concen: 3.679 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003520.D
 Acq: 24 Jun 2018 19:23

Instrument :
 MSVOA_W
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 WP021SB479-25-27-180620

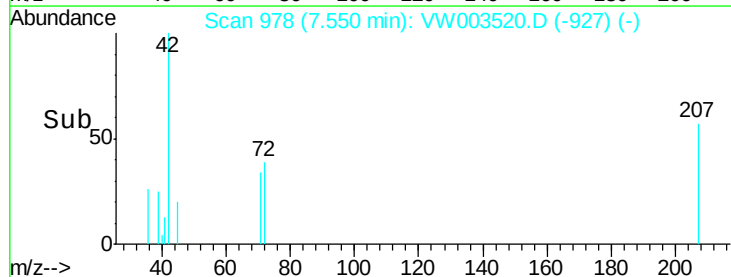
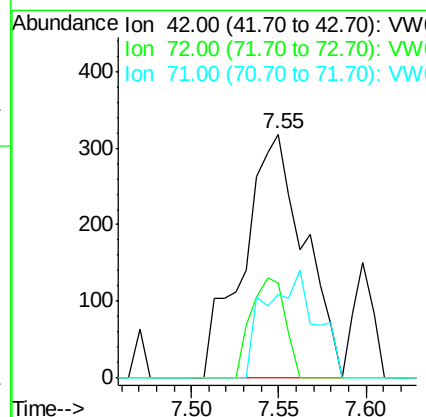
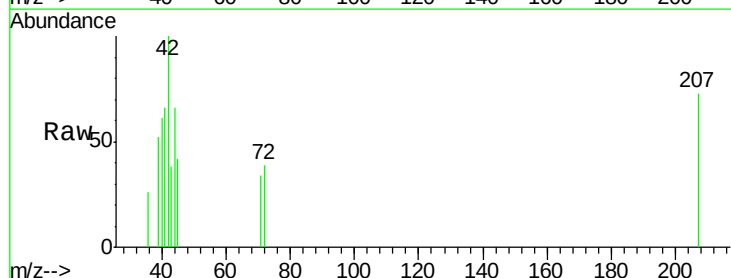
Tgt Ion: 96 Resp: 6298
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 298.8
 98 63.1 0.0 130.4

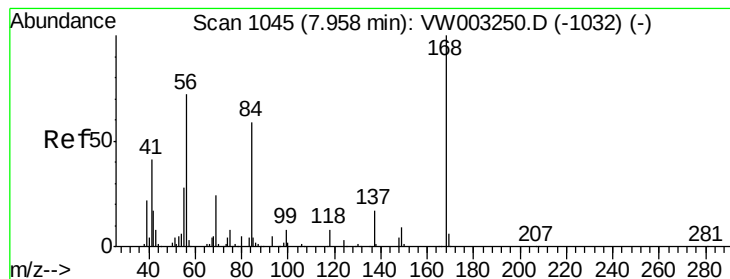


#29

Tetrahydrofuran
 Concen: 2.838 ug/l
 RT: 7.55 min Scan# 978
 Delta R.T. 0.01 min
 Lab File: VW003520.D
 Acq: 24 Jun 2018 19:23

Tgt Ion: 42 Resp: 775
 Ion Ratio Lower Upper
 42 100
 72 23.1 32.4 48.6#
 71 35.9 31.2 46.8





#31

Cyclohexane

Concen: 6.561 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-25-27-180620

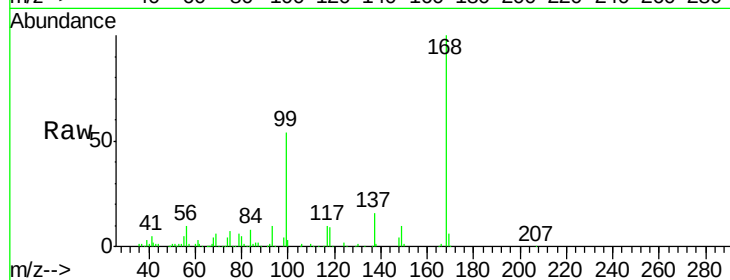
Tgt Ion: 56 Resp: 18163

Ion Ratio Lower Upper

56 100

69 57.3 26.3 39.5#

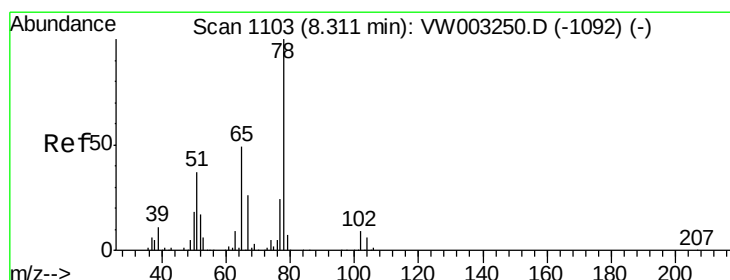
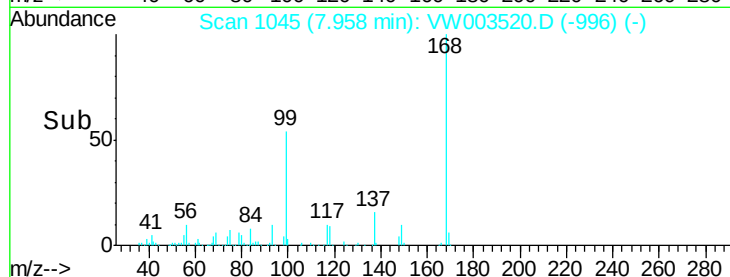
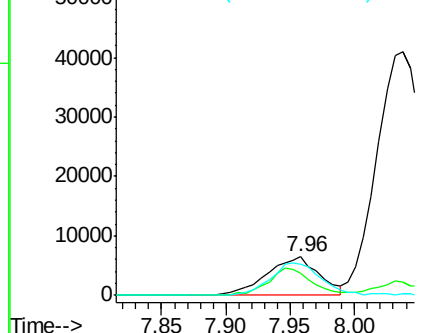
84 81.9 65.7 98.5



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 64.095 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003520.D

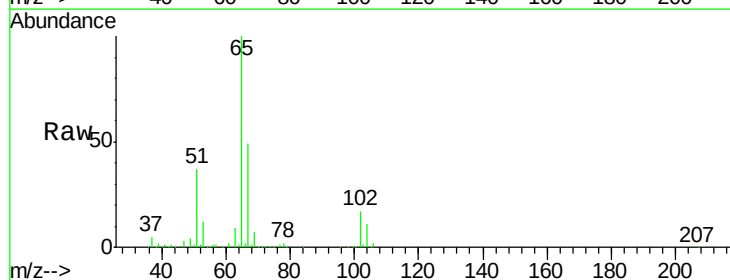
Acq: 24 Jun 2018 19:23

Tgt Ion: 65 Resp: 109810

Ion Ratio Lower Upper

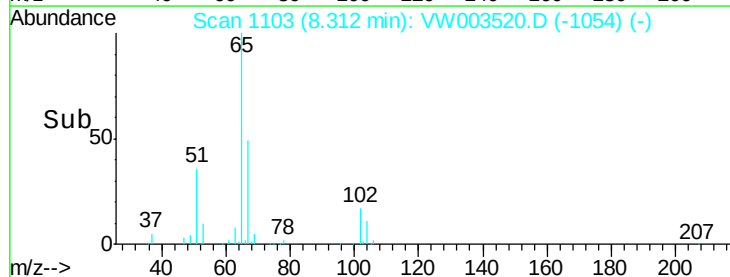
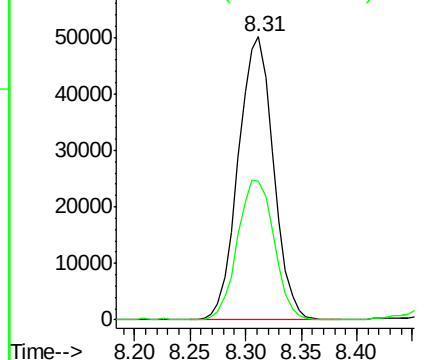
65 100

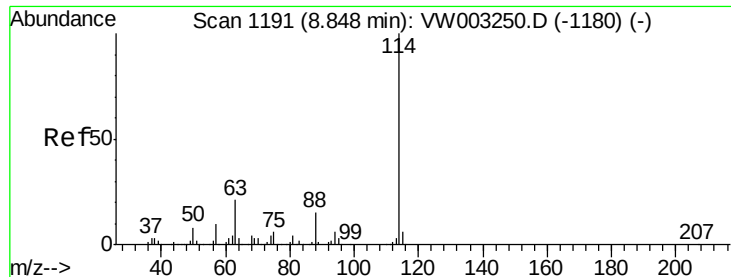
67 51.5 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-25-27-180620

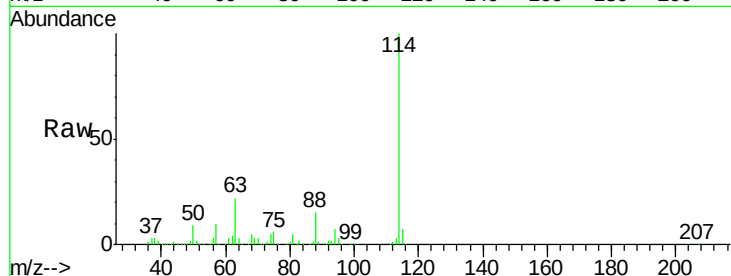
Tgt Ion:114 Resp: 276489

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.0

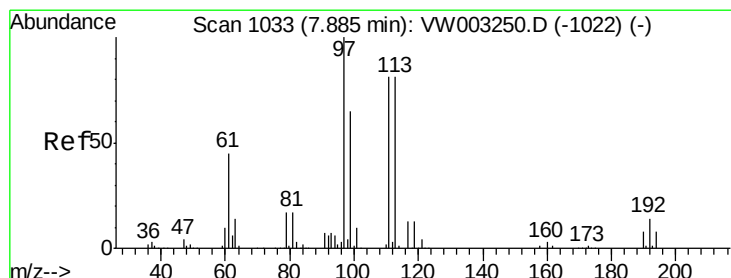
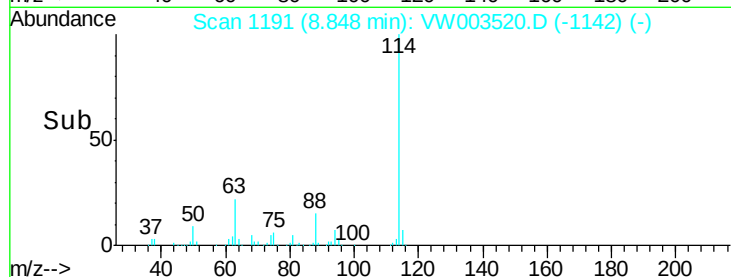
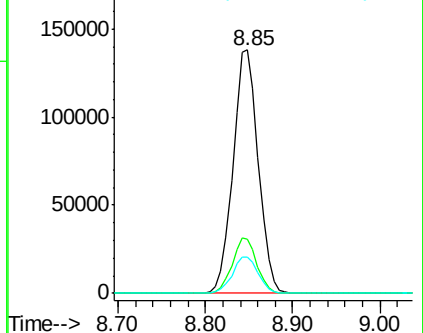
88 15.1 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 53.707 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

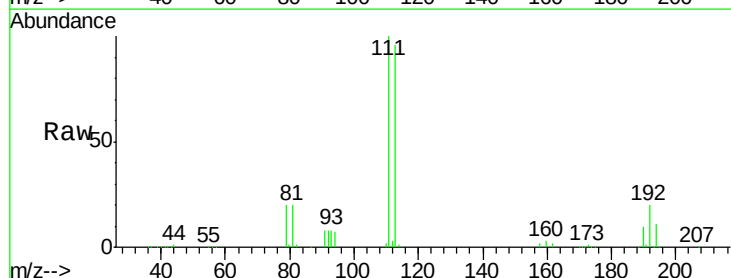
Tgt Ion:113 Resp: 92269

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

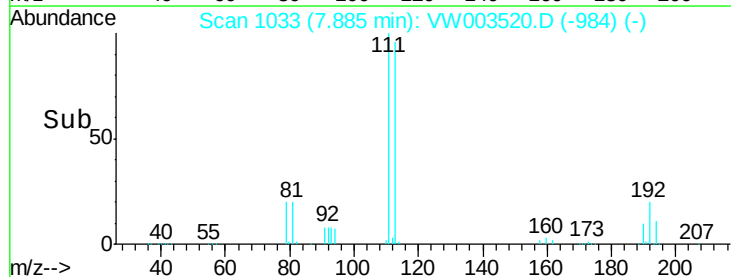
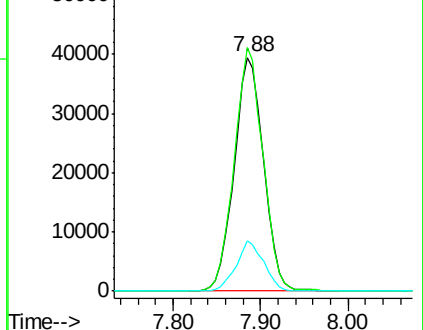
192 20.1 16.2 24.2

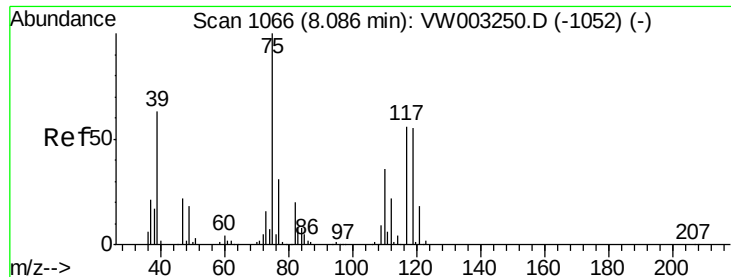


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

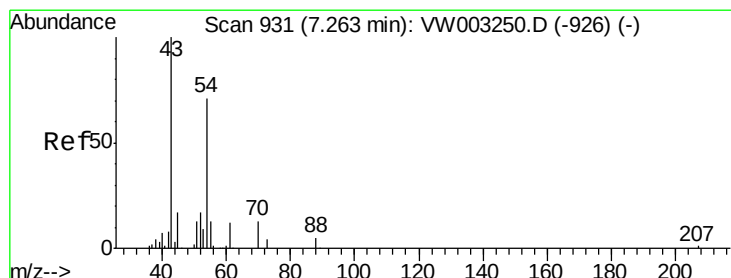
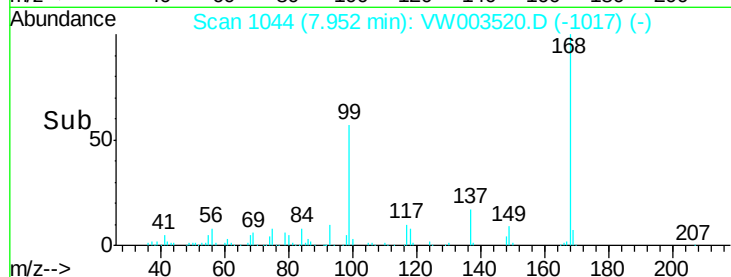
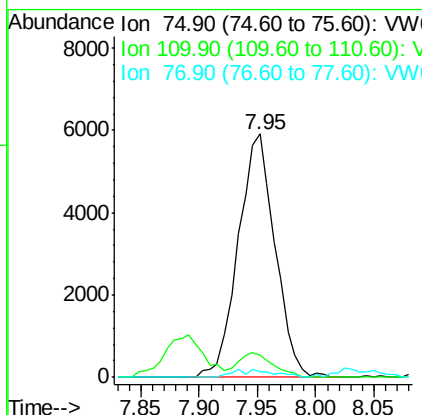
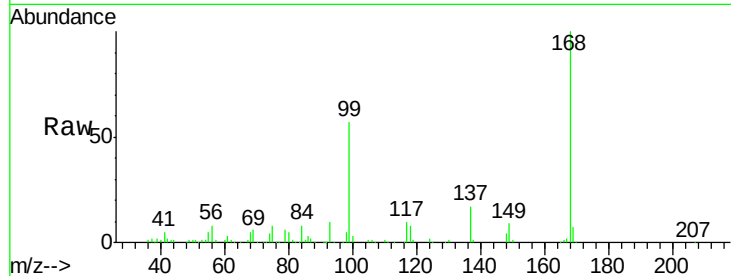




#36
 1,1-Dichloropropene
 Concen: 4.887 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003520.D
 Acq: 24 Jun 2018 19:23

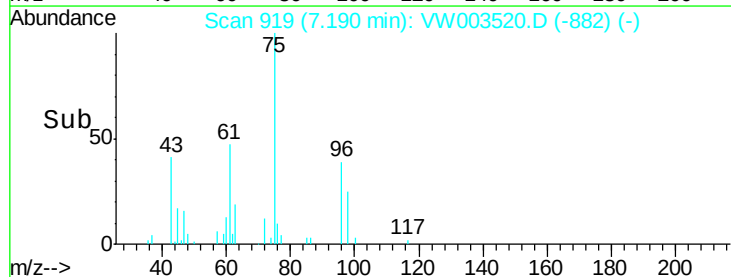
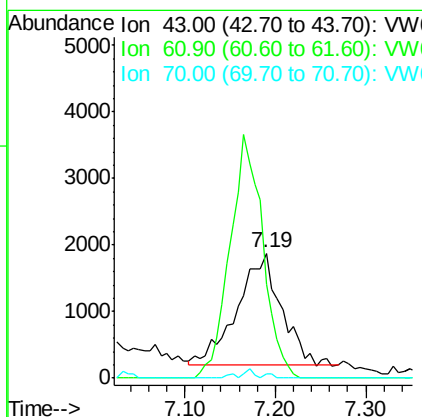
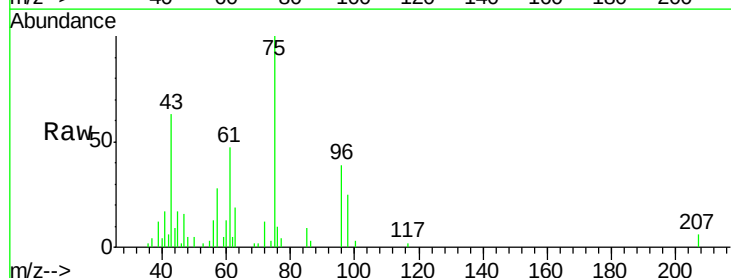
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB479-25-27-180620

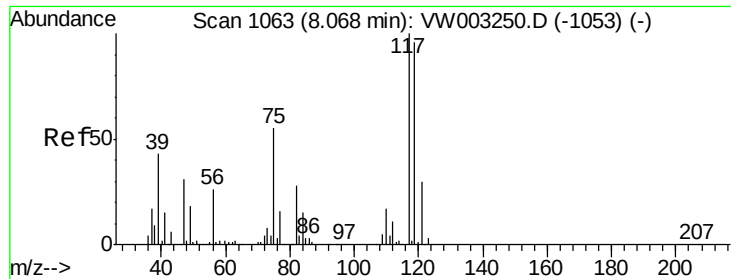
Tgt Ion: 75 Resp: 13048
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.1 51.3#
 77 1.3 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 5.030 ug/l
 RT: 7.19 min Scan# 919
 Delta R.T. -0.07 min
 Lab File: VW003520.D
 Acq: 24 Jun 2018 19:23

Tgt Ion: 43 Resp: 5564
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.8 16.2#
 70 0.9 7.8 11.6#





#38

Carbon Tetrachloride

Concen: 6.024 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-25-27-180620

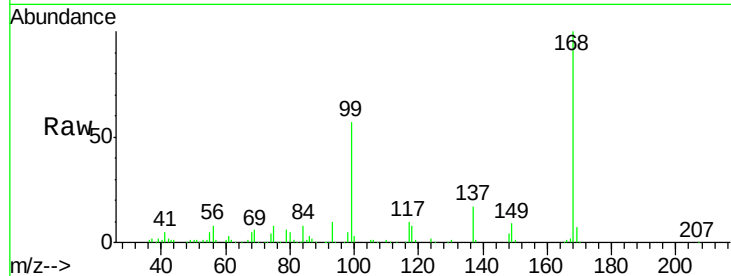
Tgt Ion:117 Resp: 15777

Ion Ratio Lower Upper

117 100

119 6.5 76.6 115.0#

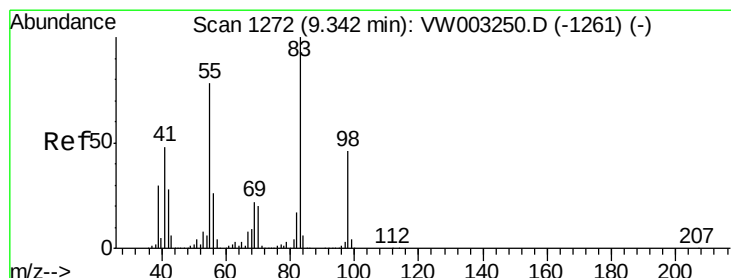
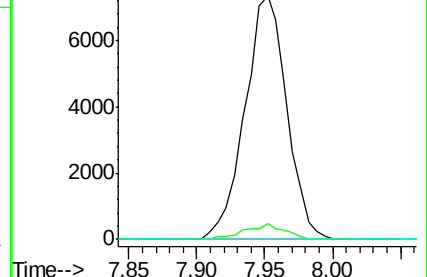
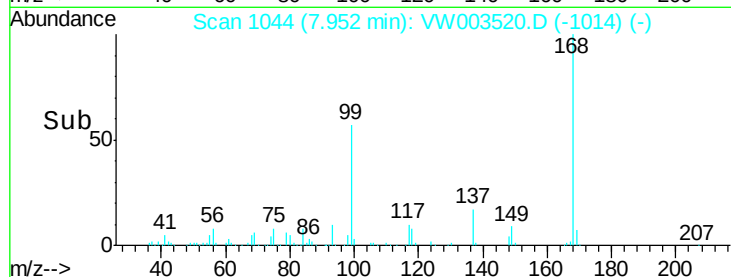
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 113.374 ug/l

RT: 9.34 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

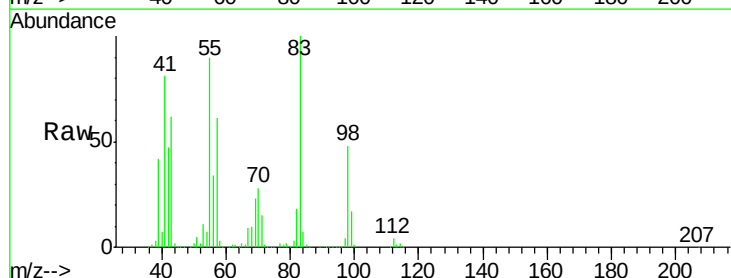
Tgt Ion: 83 Resp: 350278

Ion Ratio Lower Upper

83 100

55 90.1 62.6 93.8

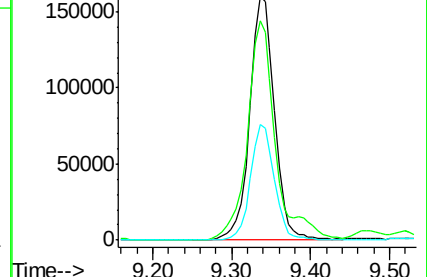
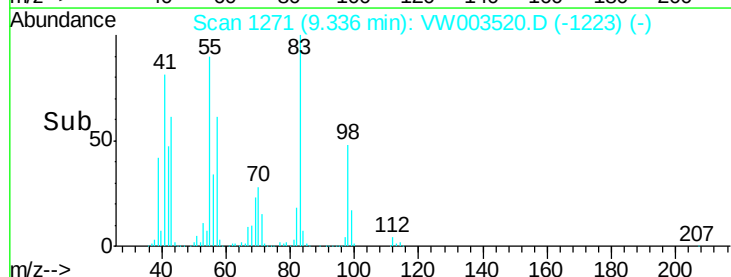
98 47.5 37.0 55.4

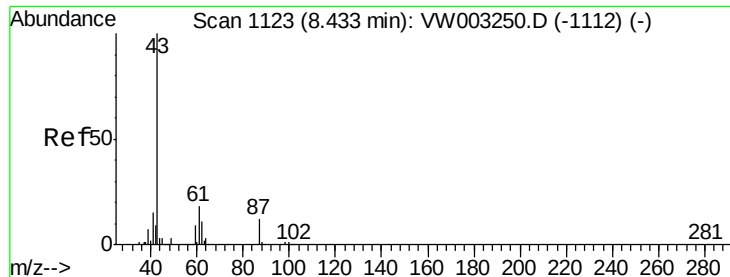


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#43

Isopropyl Acetate

Concen: 163.090 ug/l

RT: 8.48 min Scan# 1131

Delta R.T. 0.05 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-25-27-180620

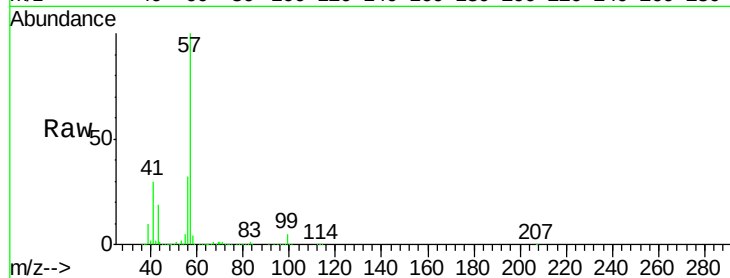
Tgt Ion: 43 Resp: 358223

Ion Ratio Lower Upper

43 100

61 0.1 23.1 34.7#

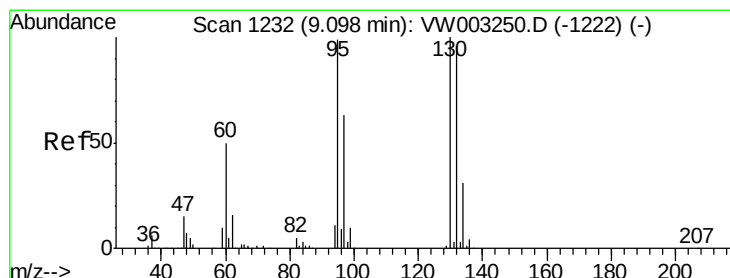
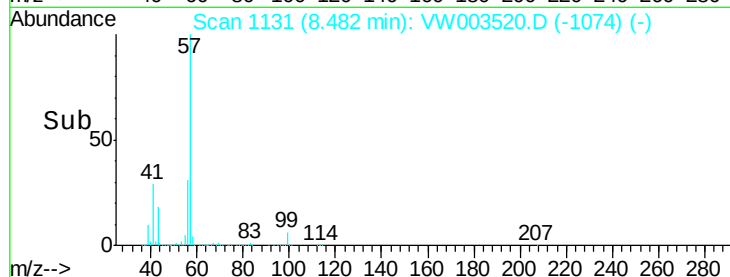
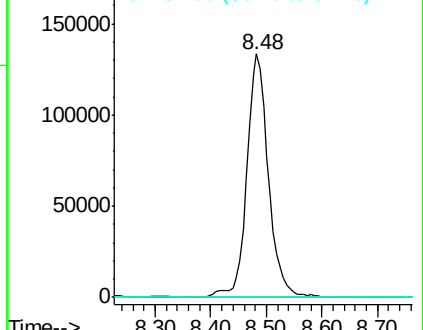
87 0.0 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 4.992 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003520.D

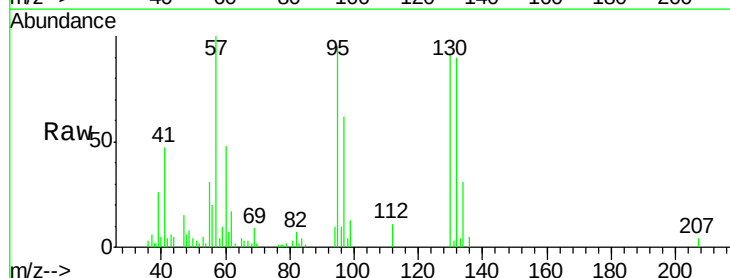
Acq: 24 Jun 2018 19:23

Tgt Ion: 130 Resp: 9735

Ion Ratio Lower Upper

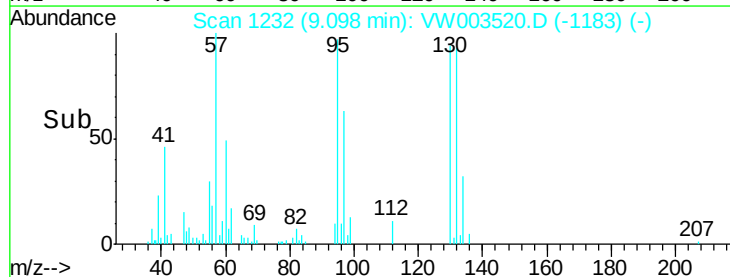
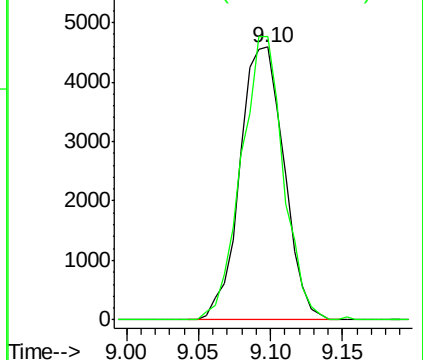
130 100

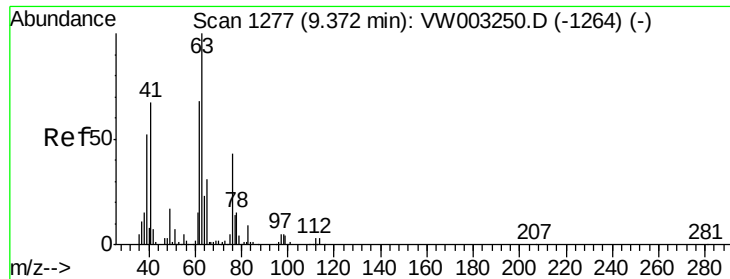
95 103.7 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

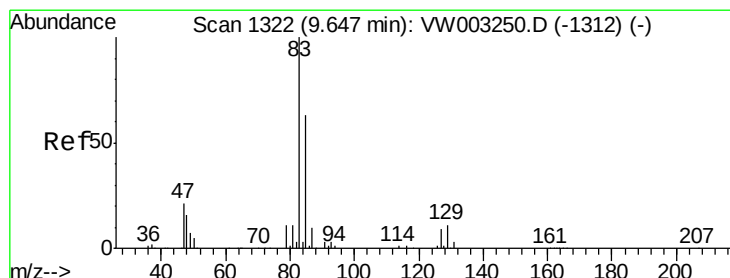
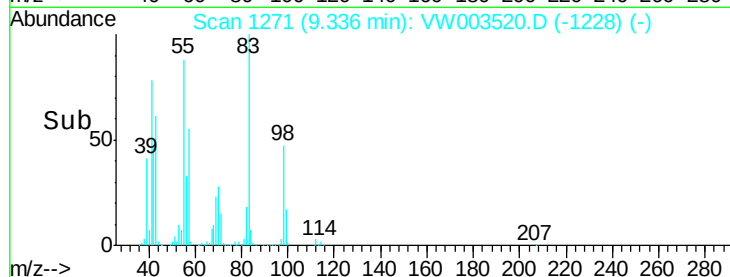
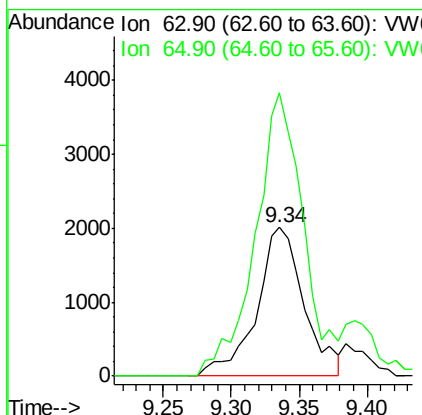
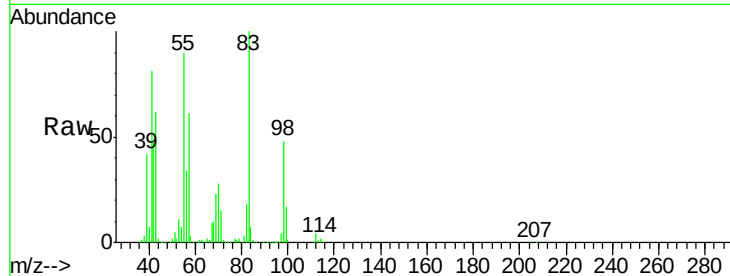




#45
 1,2-Dichloropropane
 Concen: 2.615 ug/l
 RT: 9.34 min Scan# 1271
 Delta R.T. -0.04 min
 Lab File: VW003520.D
 Acq: 24 Jun 2018 19:23

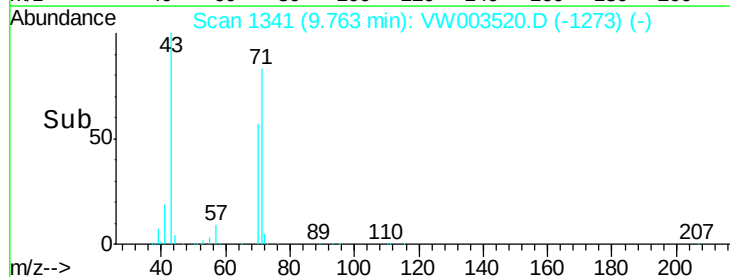
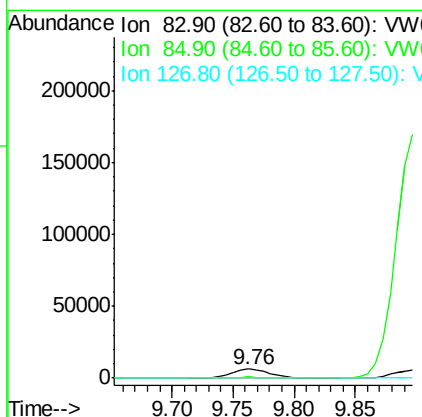
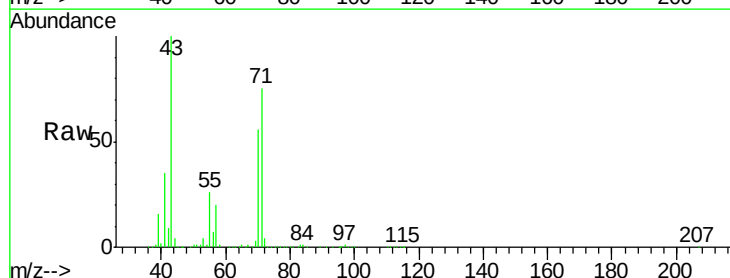
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB479-25-27-180620

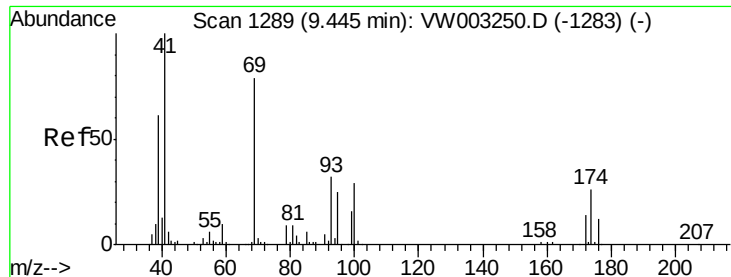
Tgt Ion: 63 Resp: 4900
 Ion Ratio Lower Upper
 63 100
 65 190.4 25.1 37.7#



#47
 Bromodichloromethane
 Concen: 5.533 ug/l
 RT: 9.76 min Scan# 1341
 Delta R.T. 0.12 min
 Lab File: VW003520.D
 Acq: 24 Jun 2018 19:23

Tgt Ion: 83 Resp: 13608
 Ion Ratio Lower Upper
 83 100
 85 13.6 50.6 75.8#
 127 0.0 6.8 10.2#

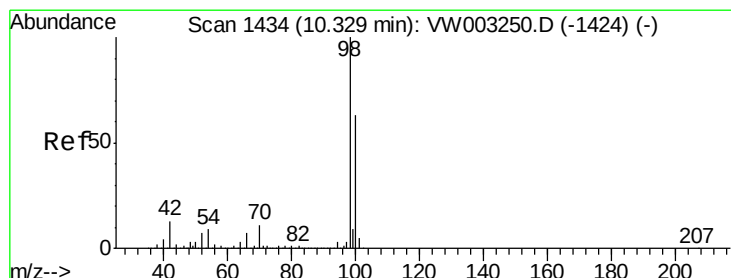
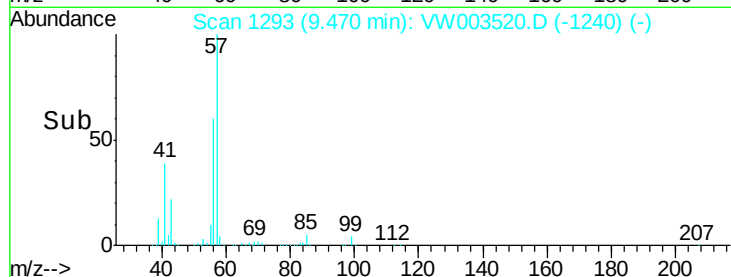
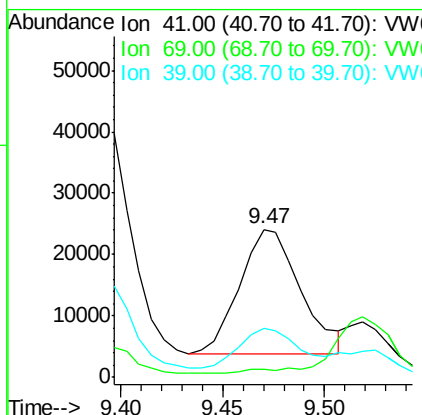
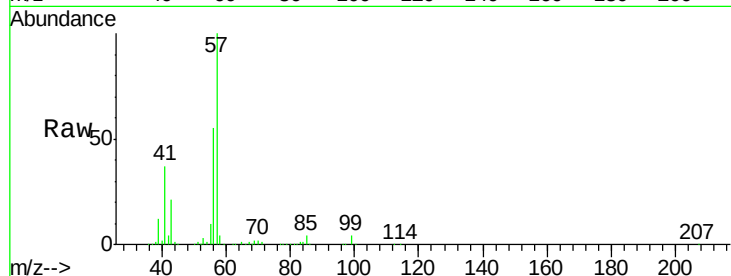




#48
Methyl methacrylate
Concen: 41.115 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. 0.02 min
Lab File: VW003520.D
Acq: 24 Jun 2018 19:23

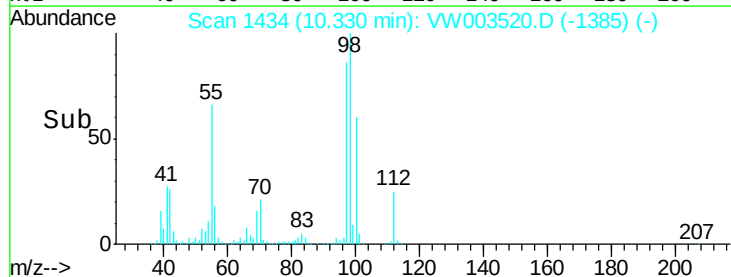
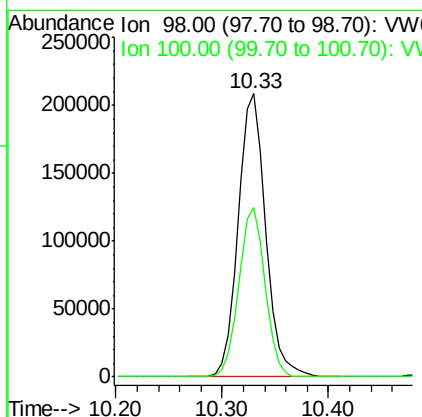
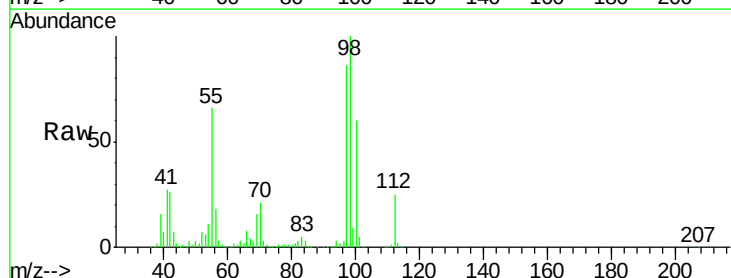
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-25-27-180620

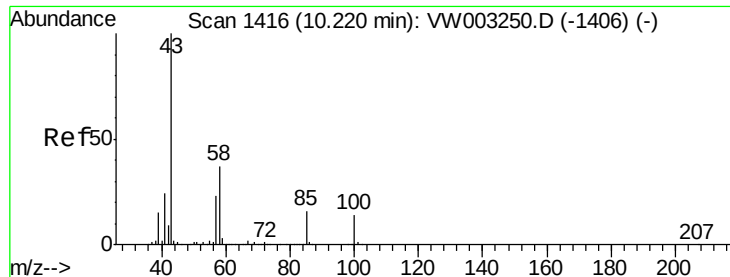
Tgt Ion: 41 Resp: 42440
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.2#
39 31.0 54.2 81.2#



#50
Toluene-d8
Concen: 55.674 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003520.D
Acq: 24 Jun 2018 19:23

Tgt Ion: 98 Resp: 379267
Ion Ratio Lower Upper
98 100
100 56.8 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 104.285 ug/l

RT: 10.26 min Scan# 1422

Delta R.T. 0.04 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

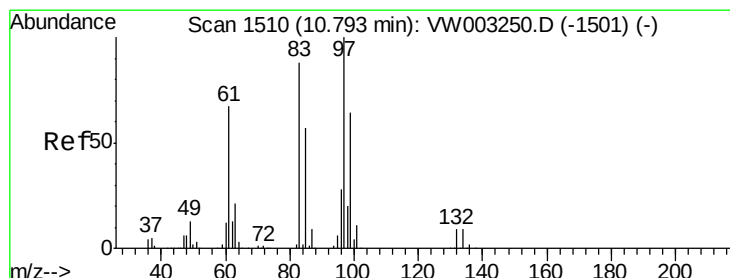
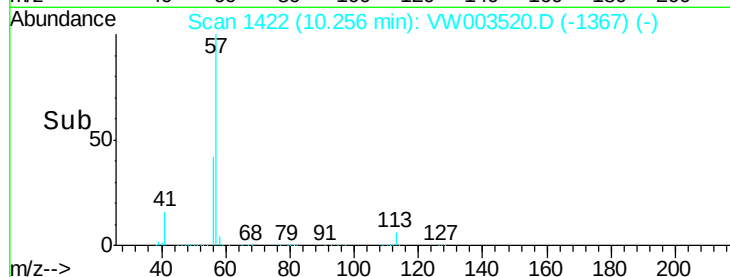
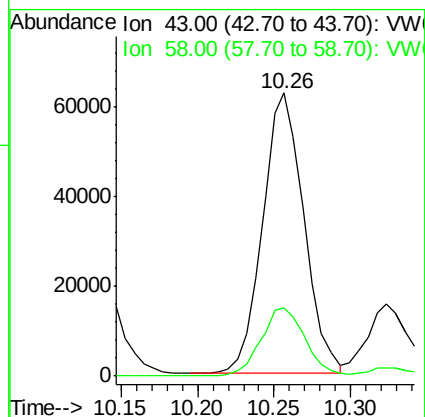
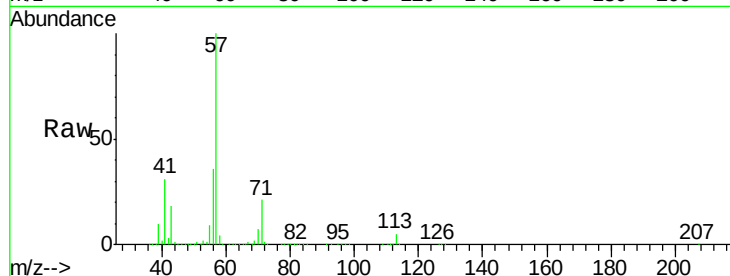
WP021SB479-25-27-180620

Tgt Ion: 43 Resp: 116718

Ion Ratio Lower Upper

43 100

58 26.2 29.0 43.4#



#55

1,1,2-Trichloroethane

Concen: 84.645 ug/l

RT: 10.77 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Tgt Ion: 97 Resp: 114440

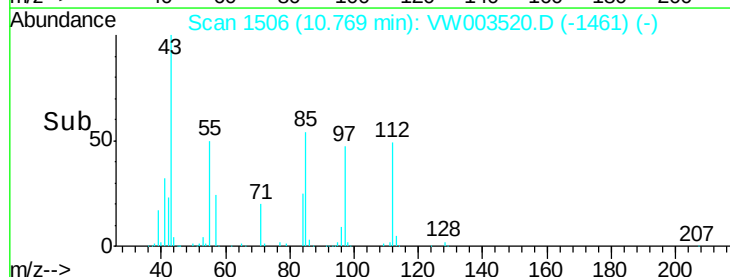
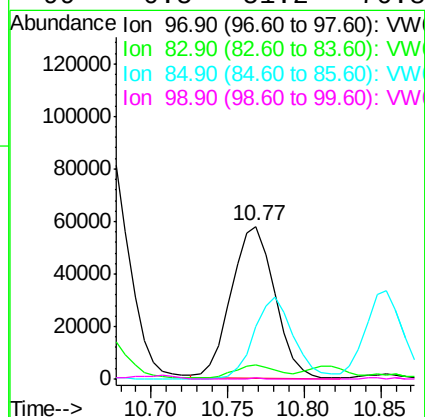
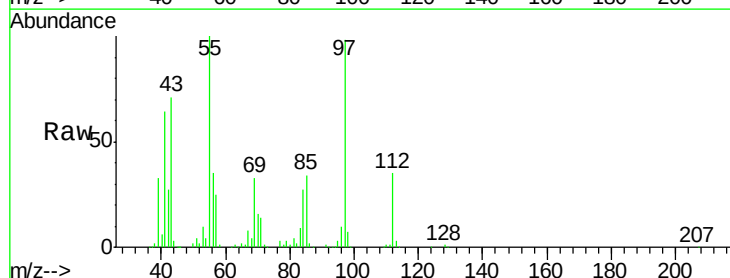
Ion Ratio Lower Upper

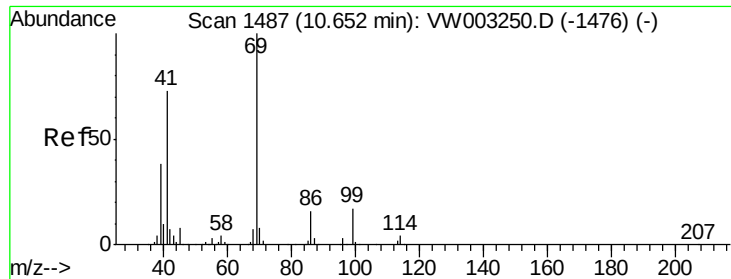
97 100

83 9.0 70.2 105.2#

85 34.7 45.6 68.4#

99 0.5 51.2 76.8#





#56

Ethyl methacrylate

Concen: 30.539 ug/l

RT: 10.67 min Scan# 1490

Delta R.T. 0.02 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-25-27-180620

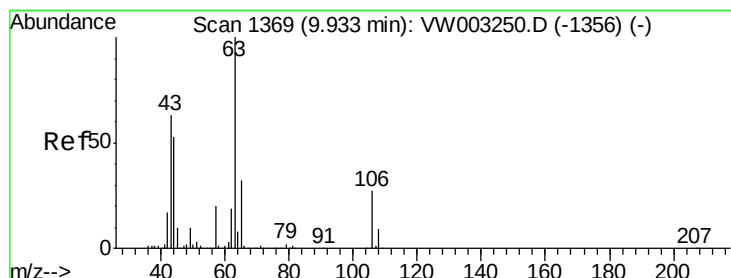
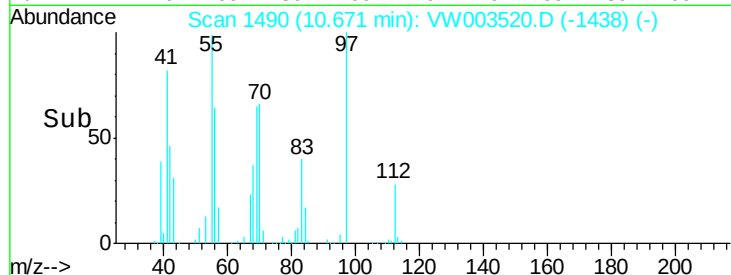
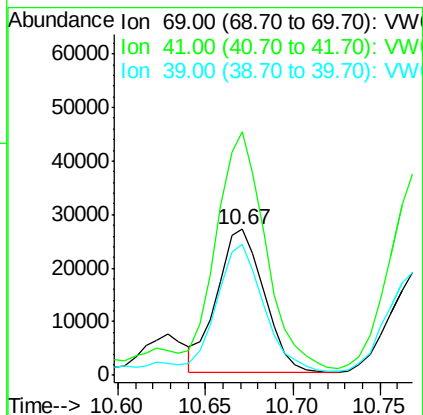
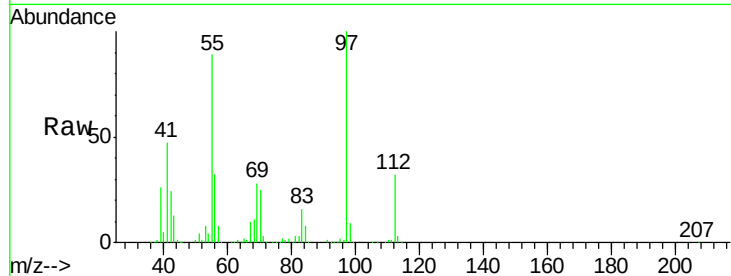
Tgt Ion: 69 Resp: 50138

Ion Ratio Lower Upper

69 100

41 170.8 57.8 86.6#

39 88.1 32.7 49.1#



#58

2-Chloroethyl Vinyl ether

Concen: 6.561 ug/l

RT: 9.89 min Scan# 1362

Delta R.T. -0.04 min

Lab File: VW003520.D

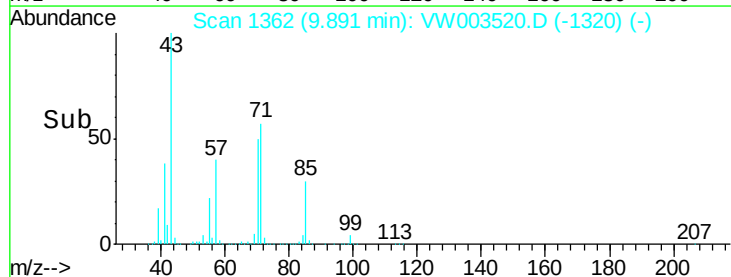
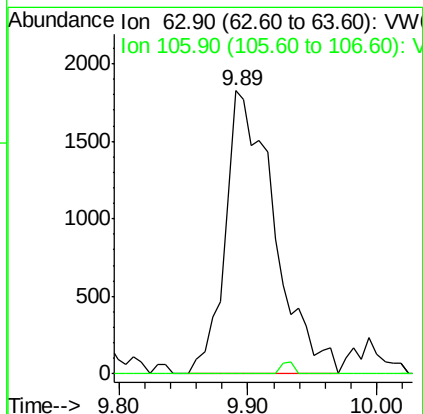
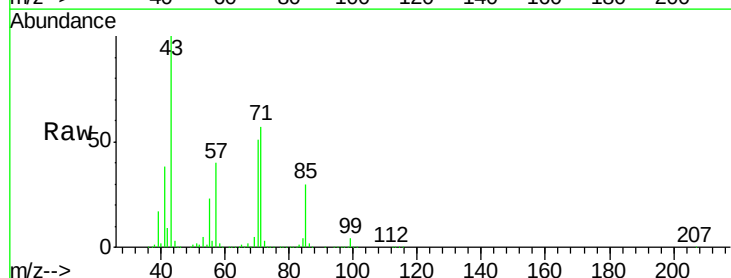
Acq: 24 Jun 2018 19:23

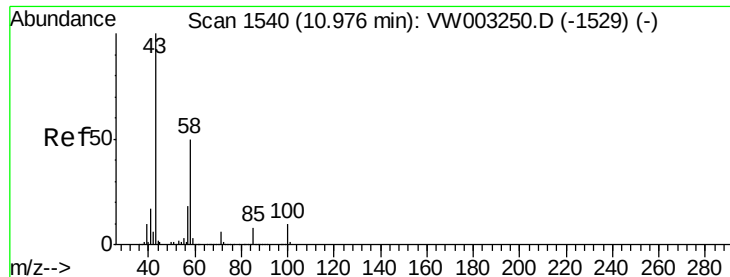
Tgt Ion: 63 Resp: 4829

Ion Ratio Lower Upper

63 100

106 0.0 21.8 32.8#

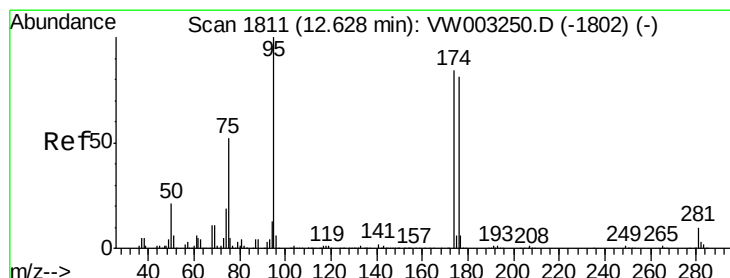
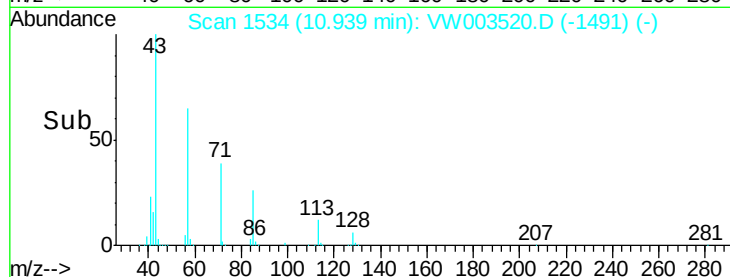
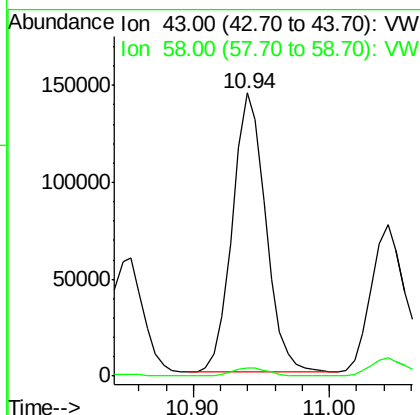
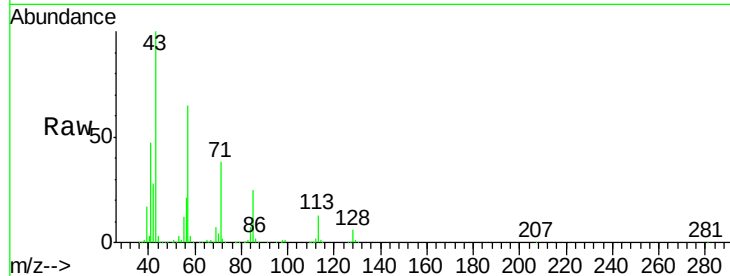




#59
2-Hexanone
Concen: 315.456 ug/l
RT: 10.94 min Scan# 1534
Delta R.T. -0.04 min
Lab File: VW003520.D
Acq: 24 Jun 2018 19:23

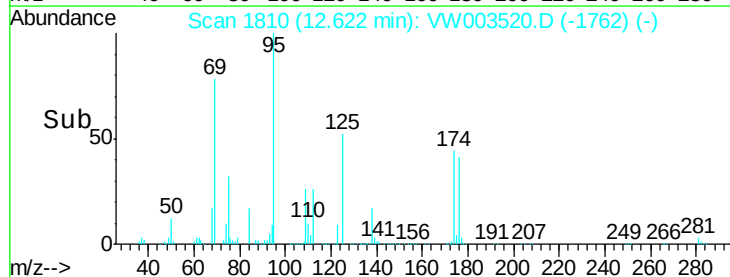
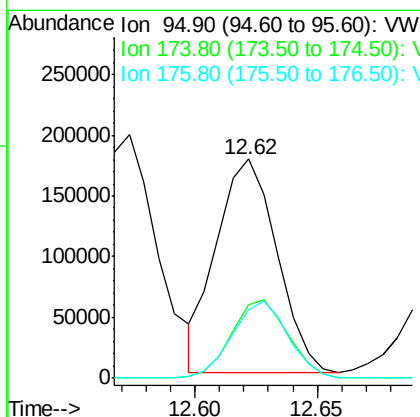
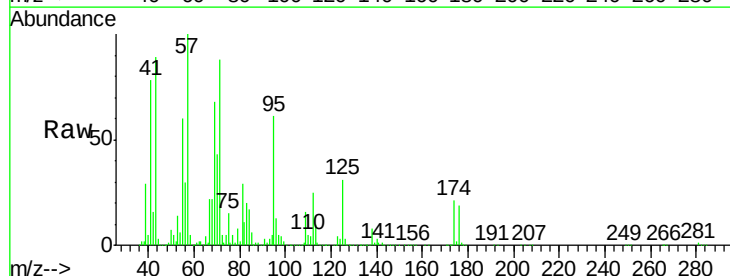
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-25-27-180620

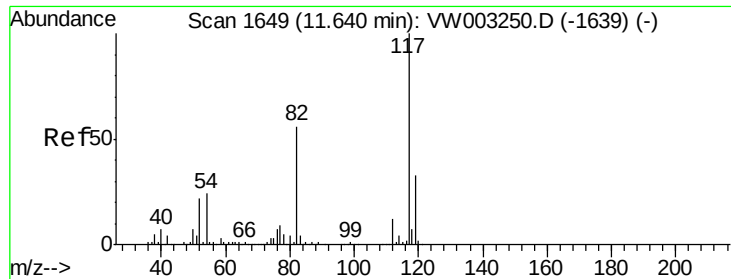
Tgt Ion: 43 Resp: 246647
Ion Ratio Lower Upper
43 100
58 3.2 25.0 75.0#



#62
4-Bromofluorobenzene
Concen: 125.083 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003520.D
Acq: 24 Jun 2018 19:23

Tgt Ion: 95 Resp: 301553
Ion Ratio Lower Upper
95 100
174 34.7 0.0 166.4
176 33.3 0.0 162.0

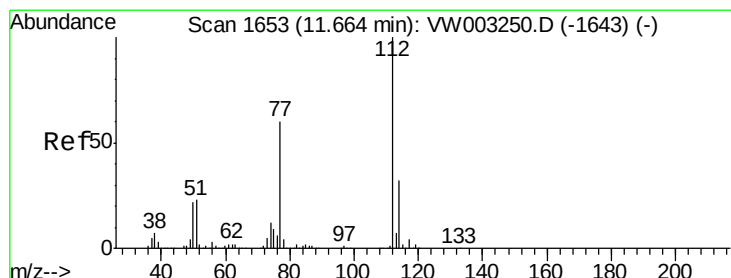
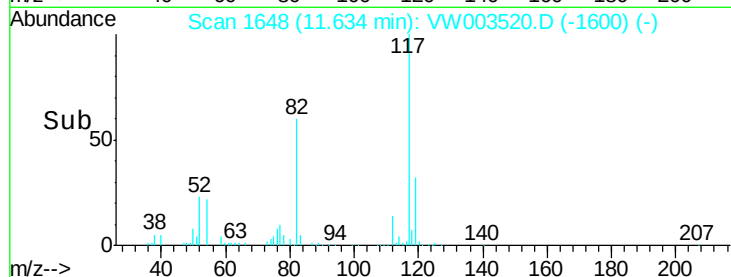
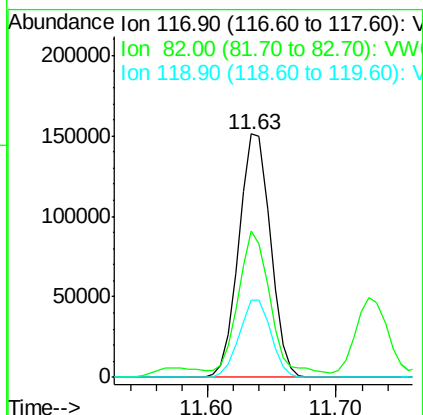
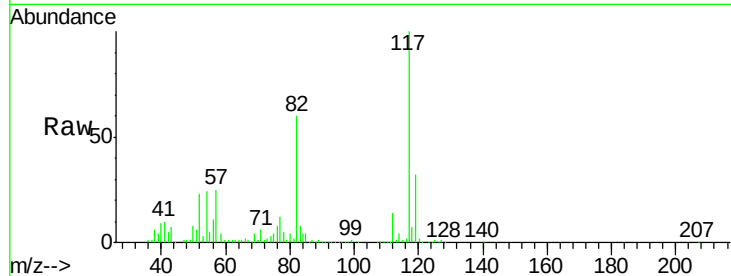




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003520.D
Acq: 24 Jun 2018 19:23

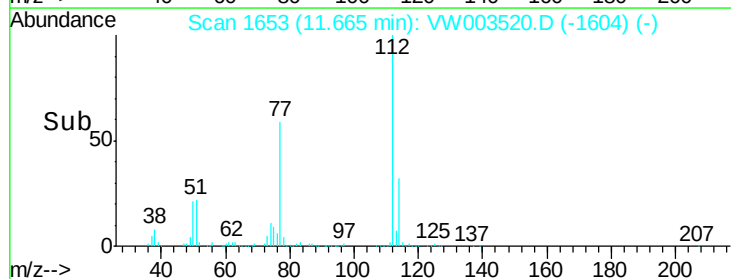
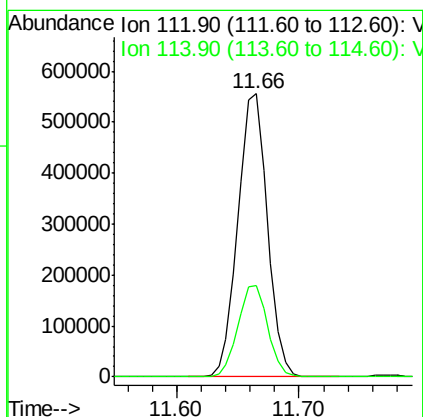
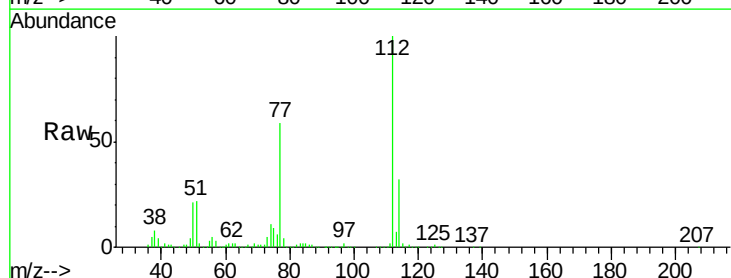
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-25-27-180620

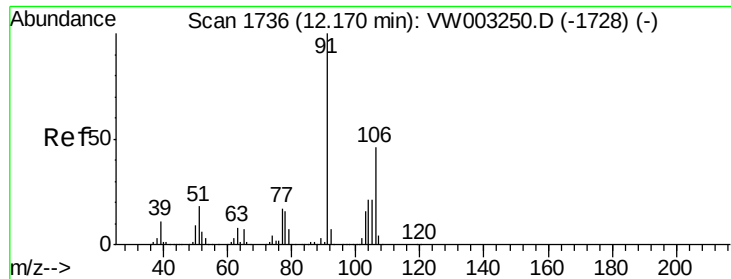
Tgt Ion:117 Resp: 257314
Ion Ratio Lower Upper
117 100
82 57.1 44.6 67.0
119 32.0 26.7 40.1



#65
Chlorobenzene
Concen: 173.338 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003520.D
Acq: 24 Jun 2018 19:23

Tgt Ion:112 Resp: 928806
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9

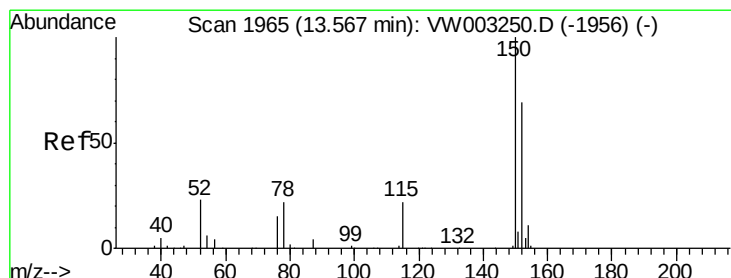
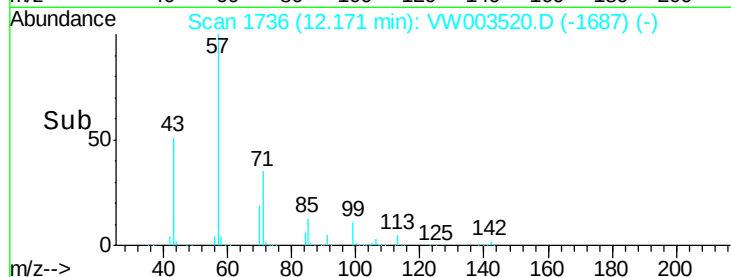
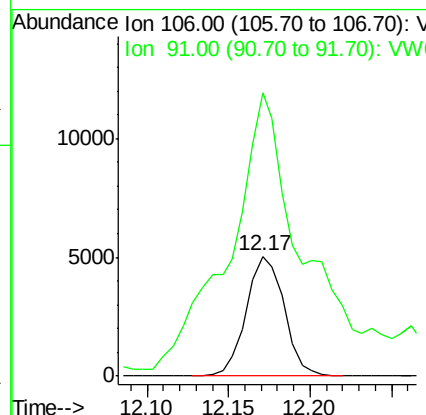
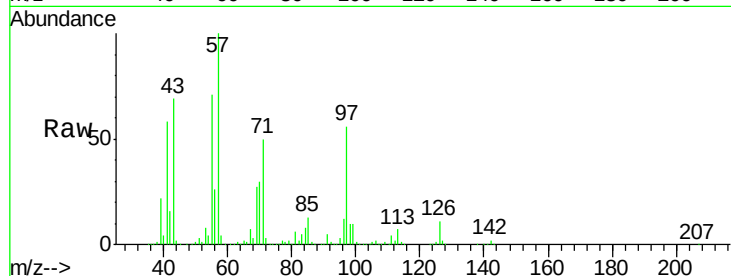




#69
o-Xylene
Concen: 2.449 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003520.D
Acq: 24 Jun 2018 19:23

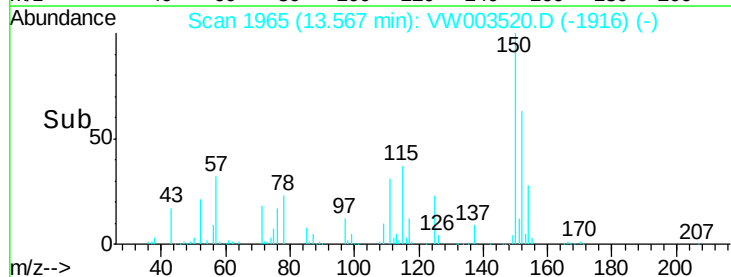
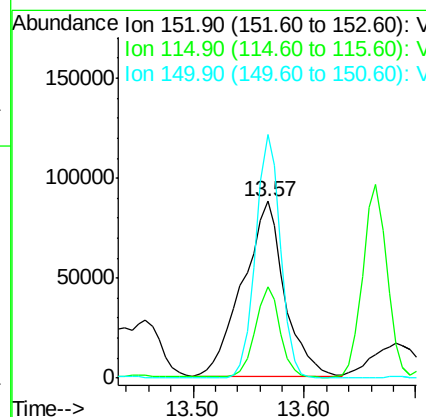
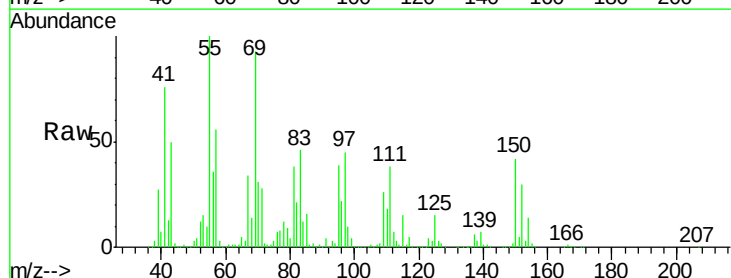
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-25-27-180620

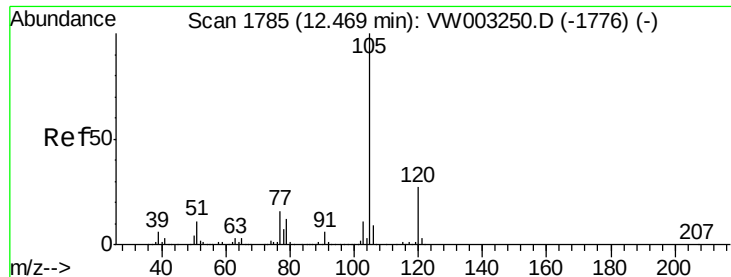
Tgt Ion:106 Resp: 8196
Ion Ratio Lower Upper
106 100
91 447.9 108.6 325.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003520.D
Acq: 24 Jun 2018 19:23

Tgt Ion:152 Resp: 227549
Ion Ratio Lower Upper
152 100
115 30.9 29.3 88.0
150 82.7 0.0 349.6





#73

Isopropylbenzene

Concen: 4.198 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

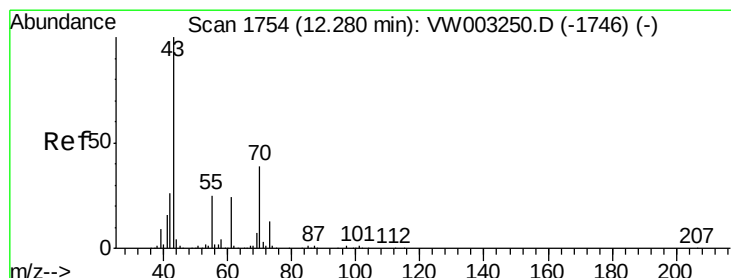
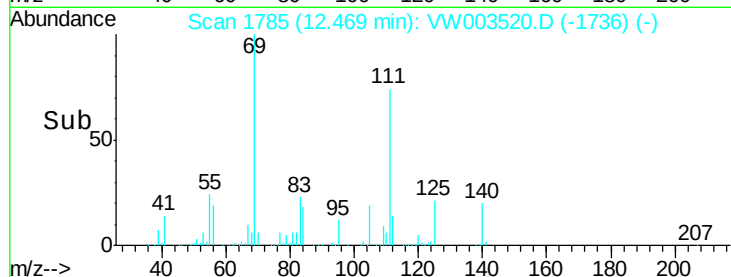
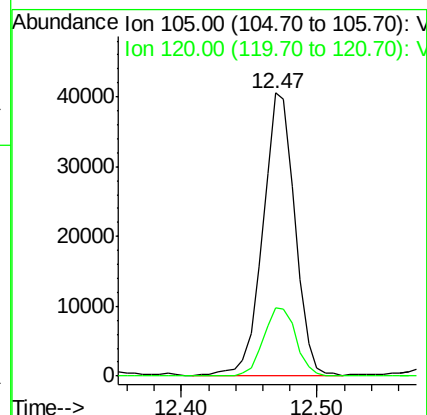
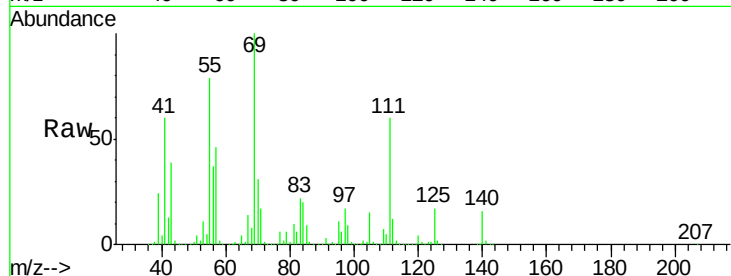
WP021SB479-25-27-180620

Tgt Ion:105 Resp: 66444

Ion Ratio Lower Upper

105 100

120 24.7 13.2 39.6



#74

N-ethyl acetate

Concen: 462.038 ug/l

RT: 12.26 min Scan# 1751

Delta R.T. -0.02 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Tgt Ion: 43 Resp: 1664449

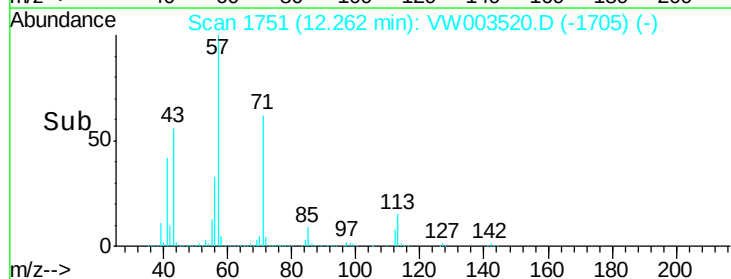
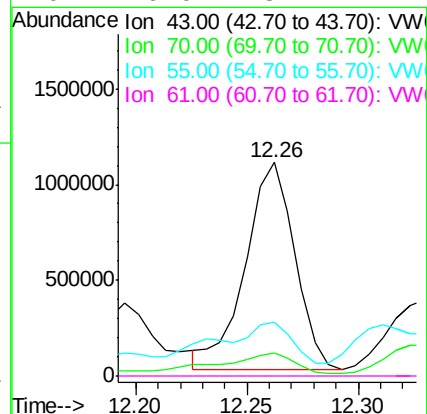
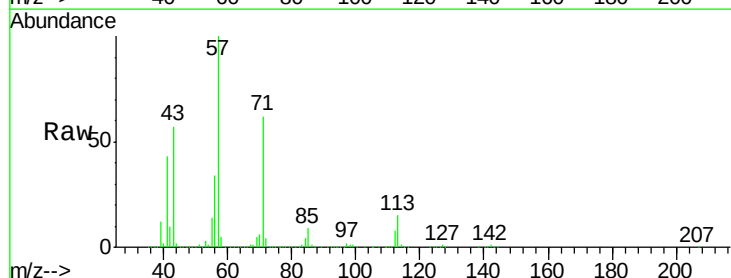
Ion Ratio Lower Upper

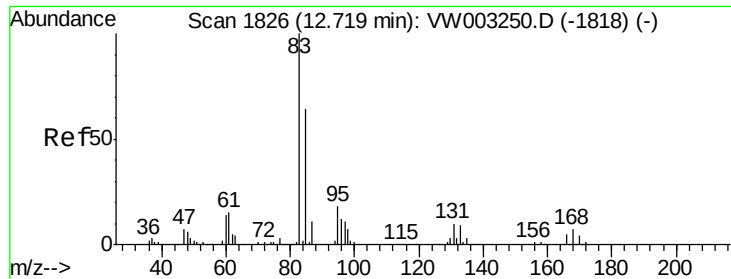
43 100

70 14.7 31.0 46.6#

55 29.3 19.7 29.5

61 0.0 18.1 27.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 51.846 ug/l

RT: 12.70 min Scan# 1823

Delta R.T. -0.02 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-25-27-180620

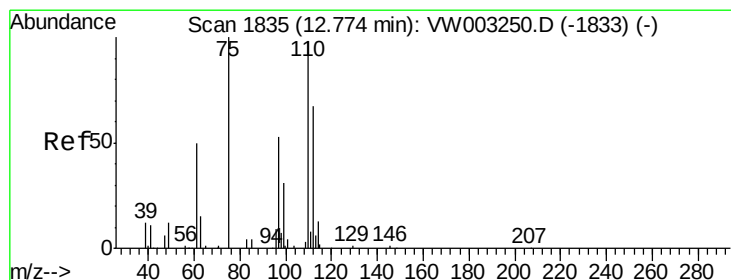
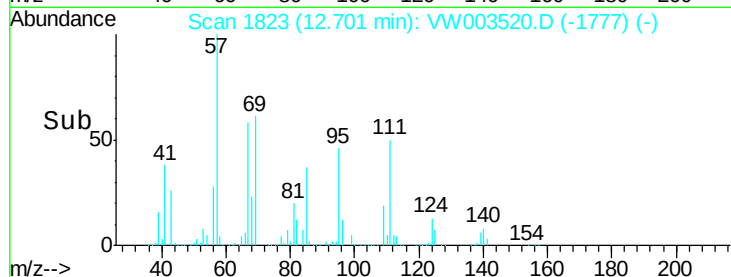
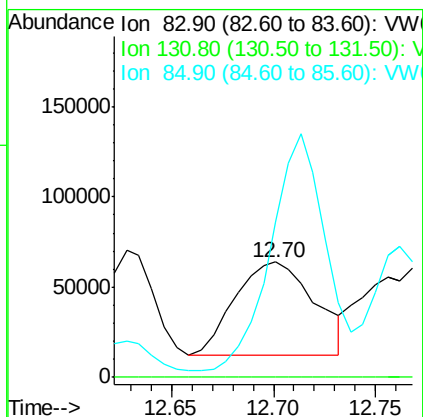
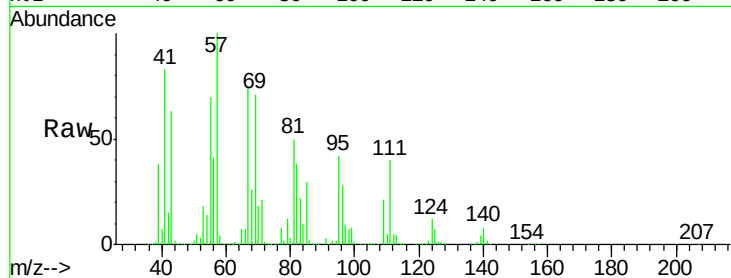
Tgt Ion: 83 Resp: 138823

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 176.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 36.417 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003520.D

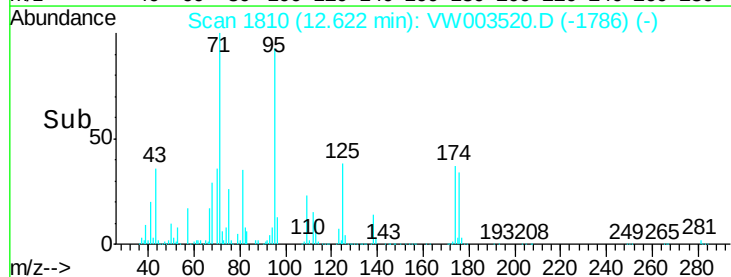
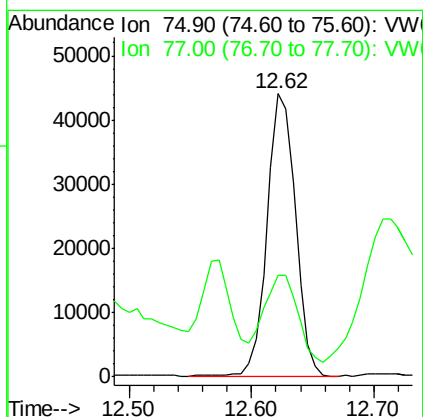
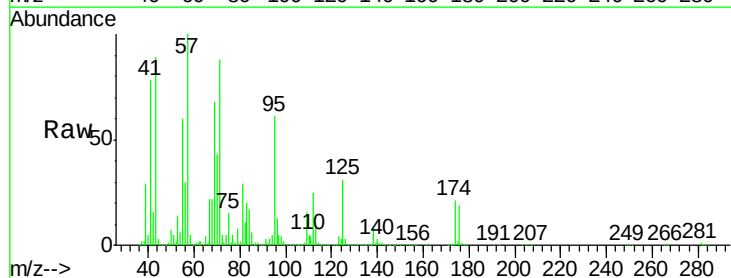
Acq: 24 Jun 2018 19:23

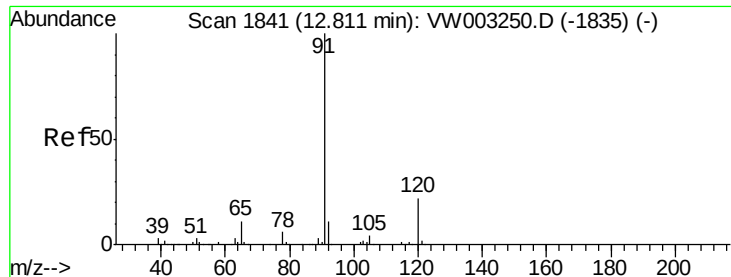
Tgt Ion: 75 Resp: 70842

Ion Ratio Lower Upper

75 100

77 36.1 0.0 0.0#





#78

n-propylbenzene

Concen: 2.248 ug/l

RT: 12.79 min Scan# 1838

Delta R.T. -0.02 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

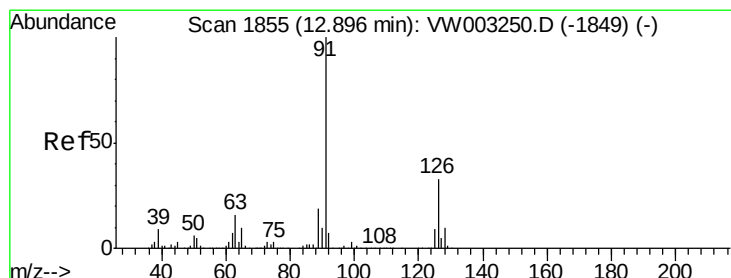
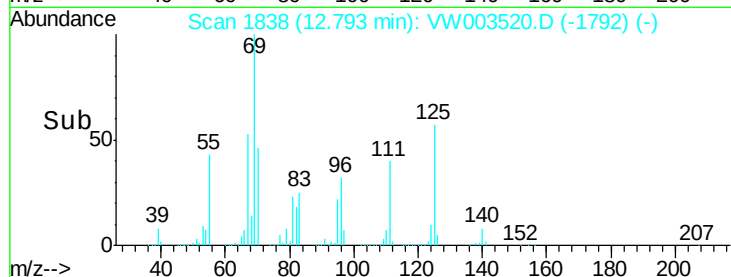
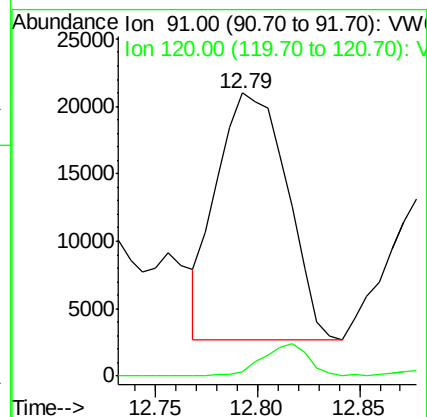
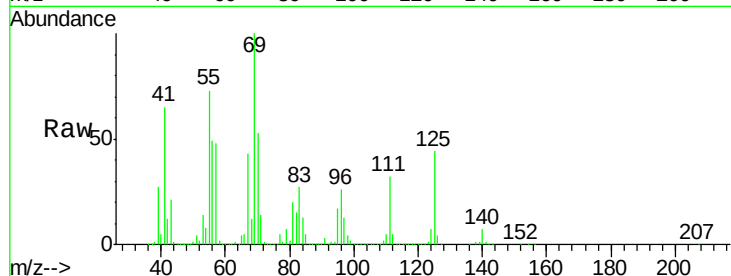
WP021SB479-25-27-180620

Tgt Ion: 91 Resp: 43564

Ion Ratio Lower Upper

91 100

120 0.0 11.3 33.8#



#79

2-Chlorotoluene

Concen: 5.603 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003520.D

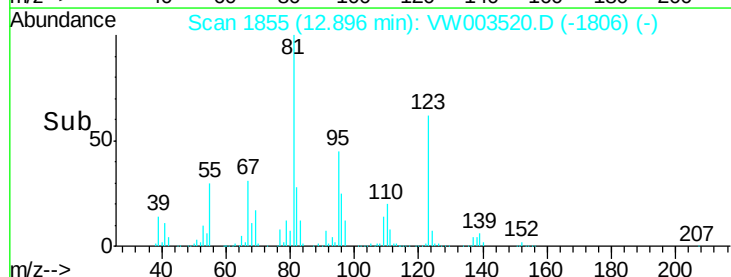
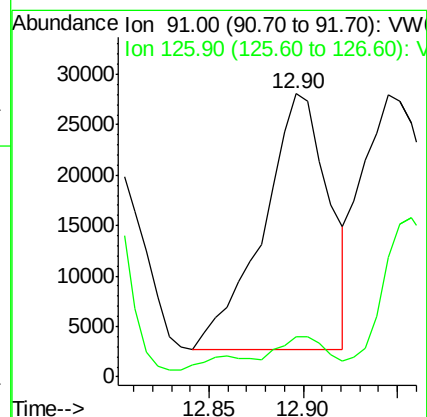
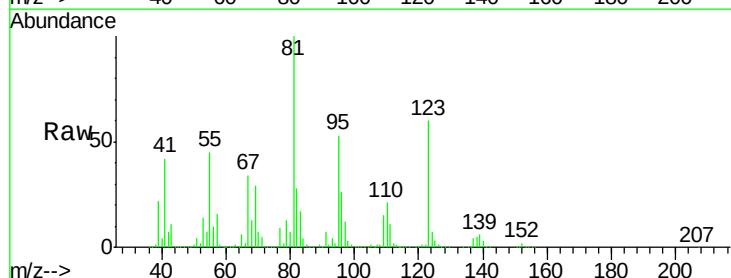
Acq: 24 Jun 2018 19:23

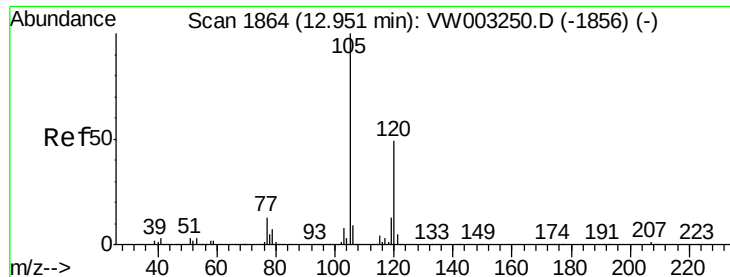
Tgt Ion: 91 Resp: 61367

Ion Ratio Lower Upper

91 100

126 5.8 16.8 50.4#

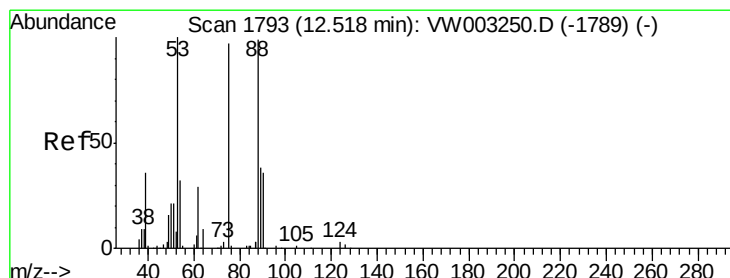
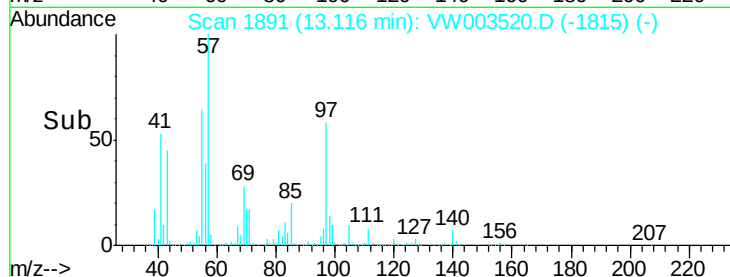
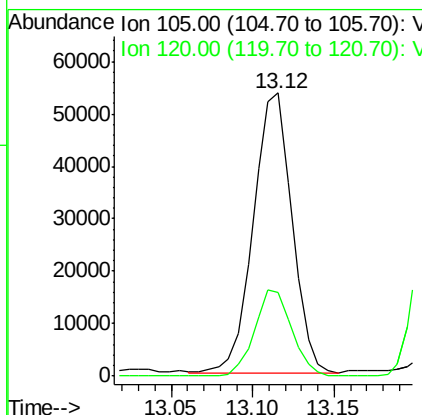
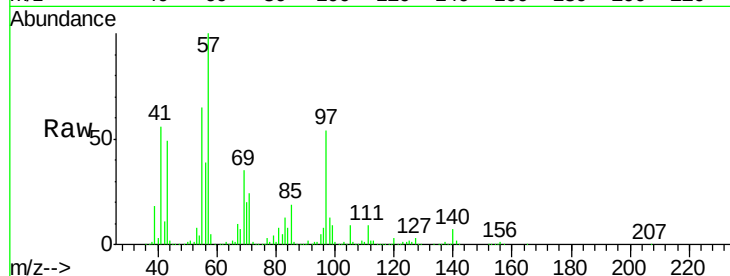




#80
 1,3,5-Trimethylbenzene
 Concen: 6.591 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. 0.16 min
 Lab File: VW003520.D
 Acq: 24 Jun 2018 19:23

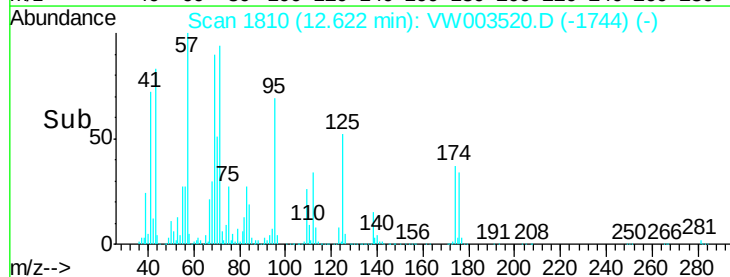
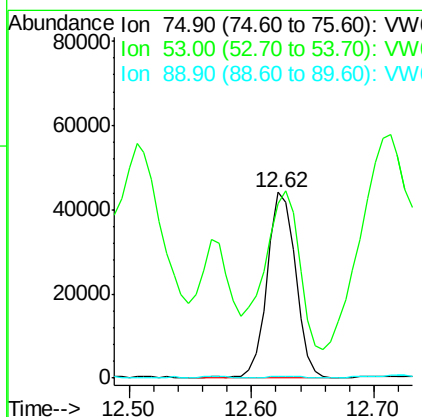
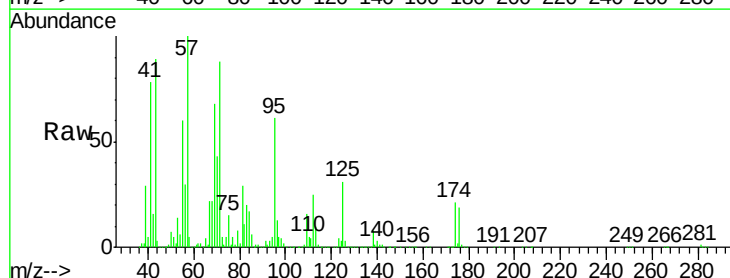
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB479-25-27-180620

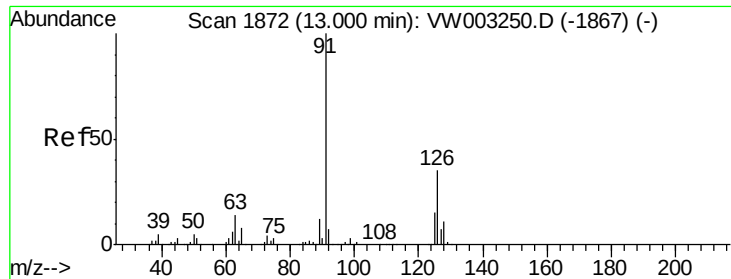
Tgt Ion: 105 Resp: 87555
 Ion Ratio Lower Upper
 105 100
 120 30.0 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.798 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003520.D
 Acq: 24 Jun 2018 19:23

Tgt Ion: 75 Resp: 70842
 Ion Ratio Lower Upper
 75 100
 53 102.8 82.9 124.3
 89 1.0 36.7 55.1#

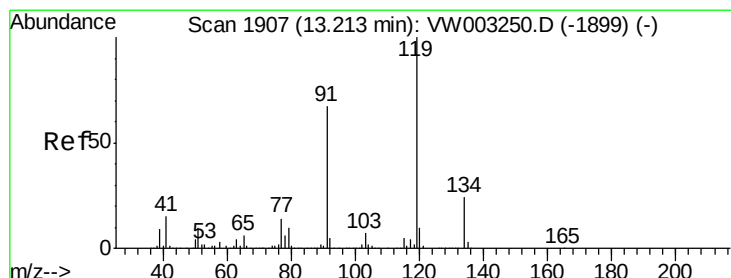
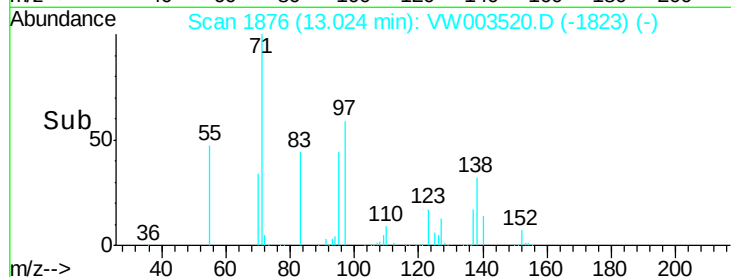
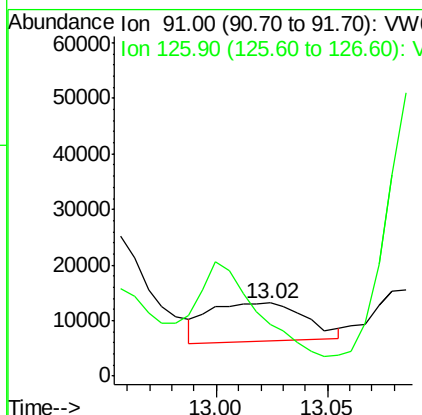
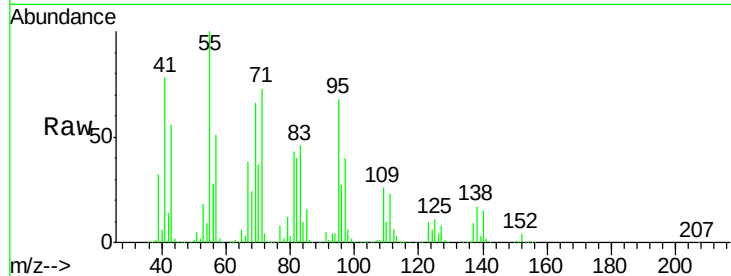




#82
4-Chlorotoluene
Concen: 1.757 ug/l
RT: 13.02 min Scan# 1876
Delta R.T. 0.02 min
Lab File: VW003520.D
Acq: 24 Jun 2018 19:23

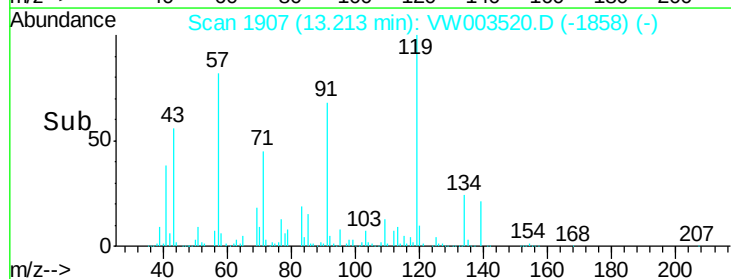
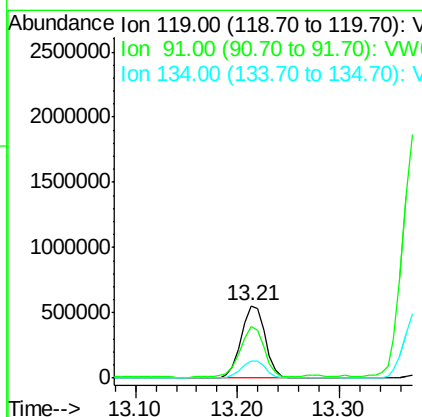
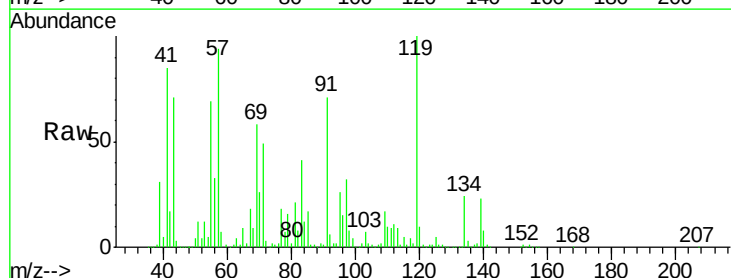
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-25-27-180620

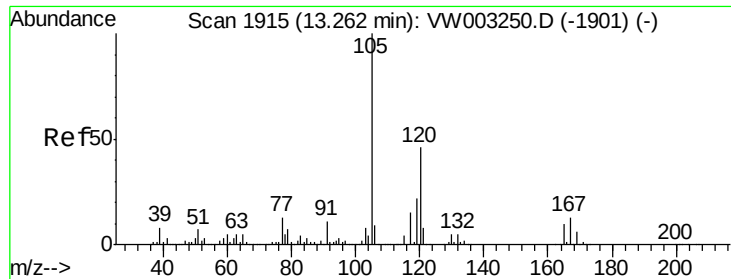
Tgt Ion: 91 Resp: 20409
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.3#



#83
tert-Butylbenzene
Concen: 79.526 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003520.D
Acq: 24 Jun 2018 19:23

Tgt Ion: 119 Resp: 900358
Ion Ratio Lower Upper
119 100
91 70.5 33.9 101.7
134 23.9 13.4 40.1

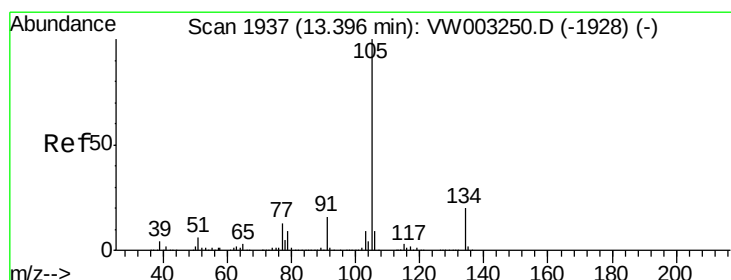
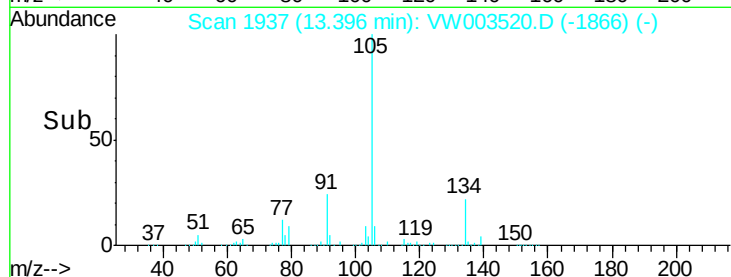
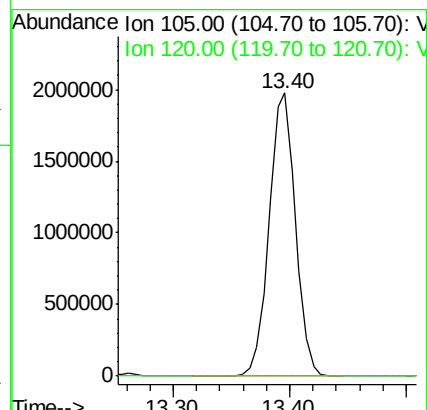
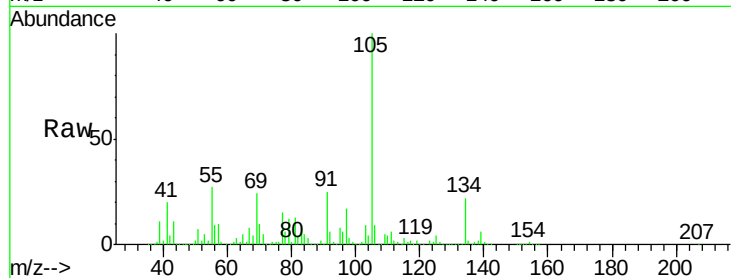




#84
 1,2,4-Trimethylbenzene
 Concen: 225.973 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.13 min
 Lab File: VW003520.D
 Acq: 24 Jun 2018 19:23

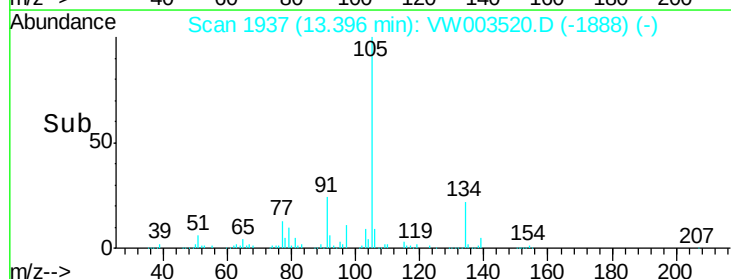
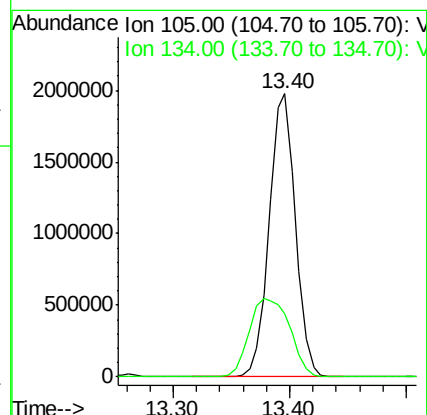
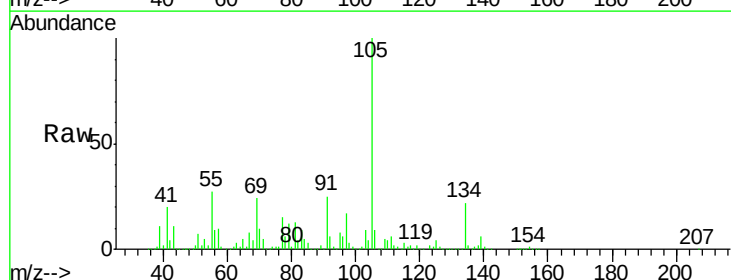
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB479-25-27-180620

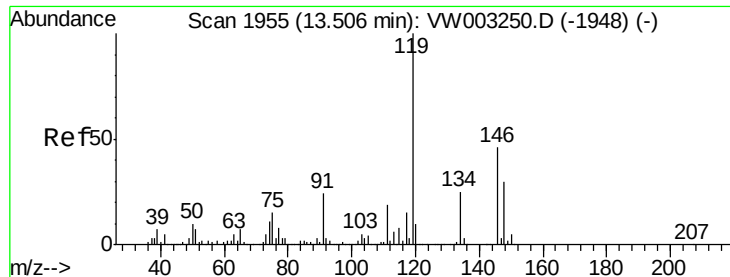
Tgt Ion:105 Resp: 3088054
 Ion Ratio Lower Upper
 105 100
 120 0.2 22.5 67.5#



#85
 sec-Butylbenzene
 Concen: 183.503 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VW003520.D
 Acq: 24 Jun 2018 19:23

Tgt Ion:105 Resp: 3088054
 Ion Ratio Lower Upper
 105 100
 134 43.0 9.8 29.5#

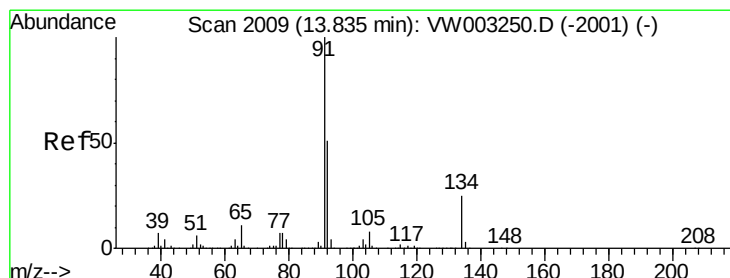
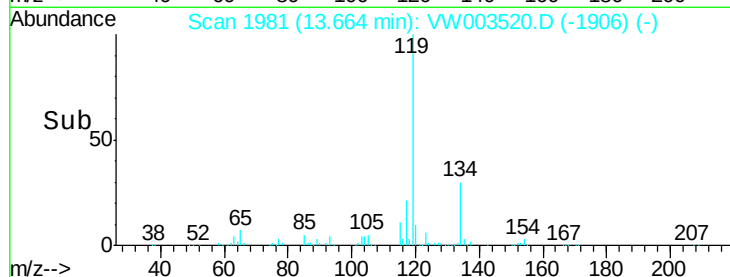
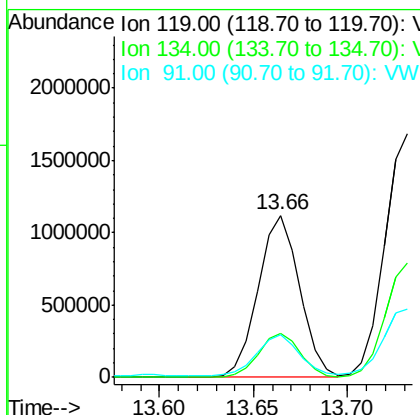
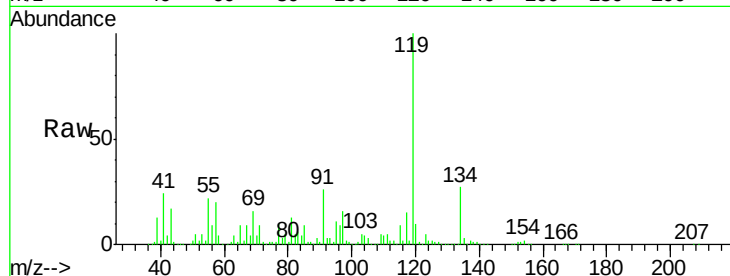




#86
 p-Isopropyltoluene
 Concen: 114.846 ug/l
 RT: 13.66 min Scan# 1981
 Delta R.T. 0.16 min
 Lab File: VW003520.D
 Acq: 24 Jun 2018 19:23

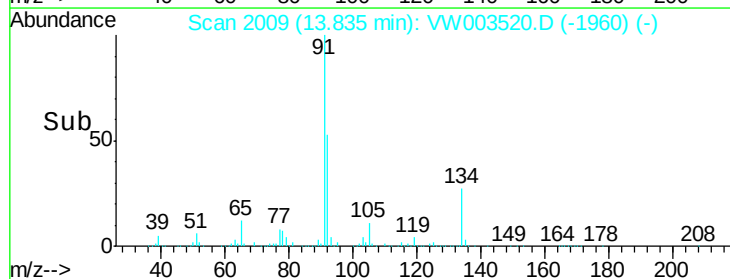
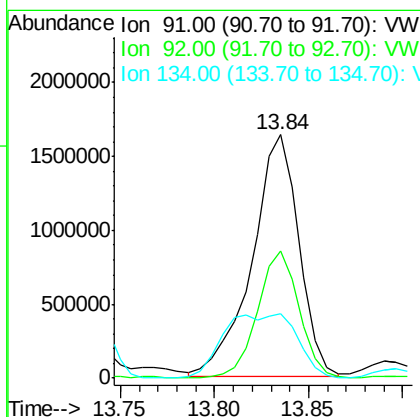
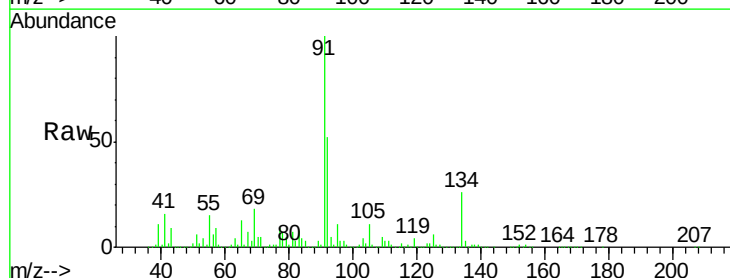
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB479-25-27-180620

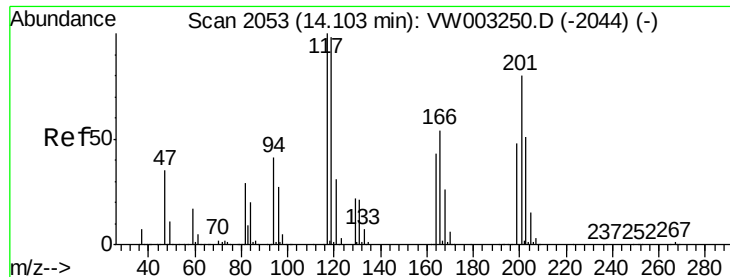
Tgt Ion:119 Resp: 1704602
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.9 38.7
 91 26.5 11.8 35.3



#89
 n-Butylbenzene
 Concen: 194.771 ug/l
 RT: 13.84 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: VW003520.D
 Acq: 24 Jun 2018 19:23

Tgt Ion: 91 Resp: 2817925
 Ion Ratio Lower Upper
 91 100
 92 45.9 26.0 78.0
 134 22.5 12.7 38.0





#90

Hexachloroethane

Concen: 474.431 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

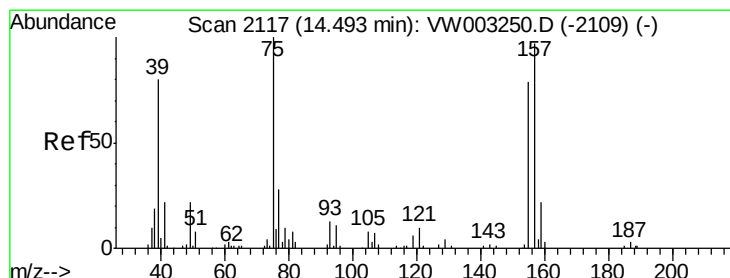
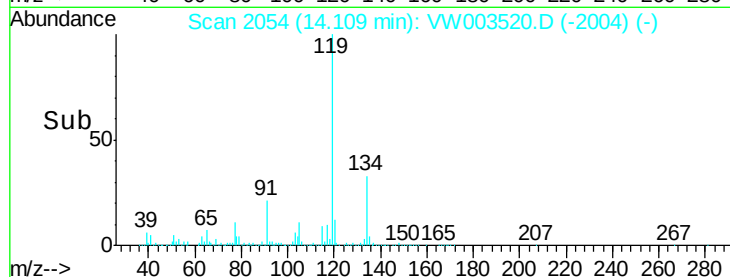
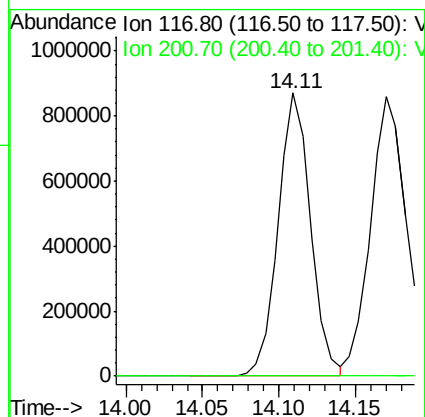
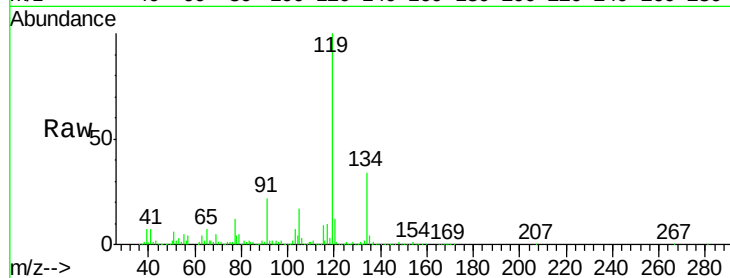
WP021SB479-25-27-180620

Tgt Ion:117 Resp: 1273839

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 38.862 ug/l

RT: 14.51 min Scan# 2120

Delta R.T. 0.02 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

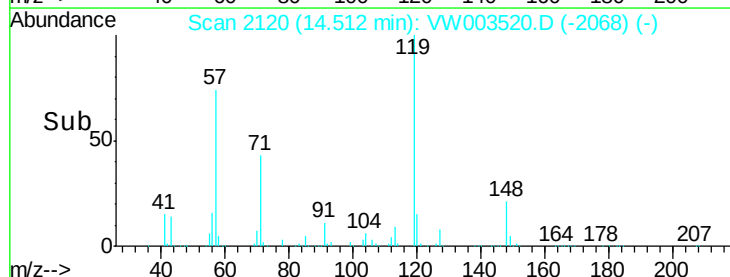
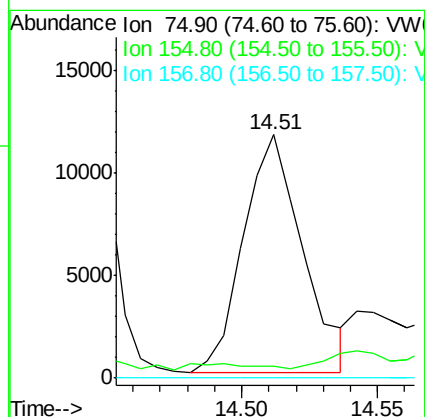
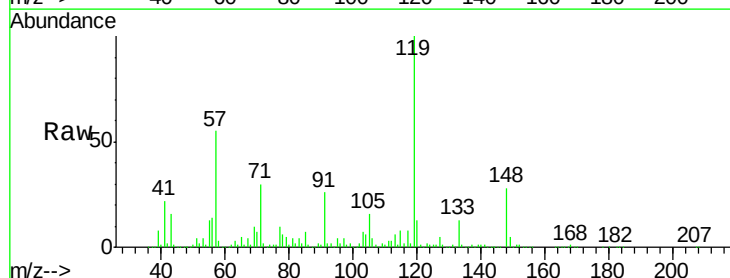
Tgt Ion: 75 Resp: 17511

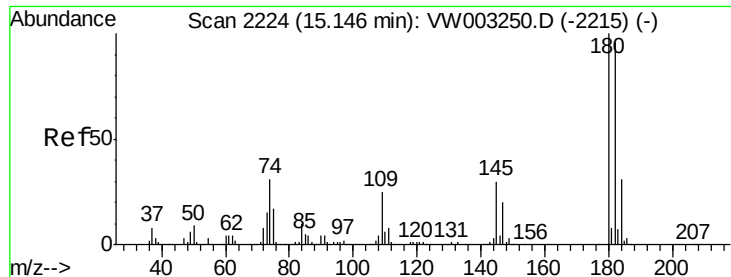
Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.2#

157 0.0 51.5 154.5#

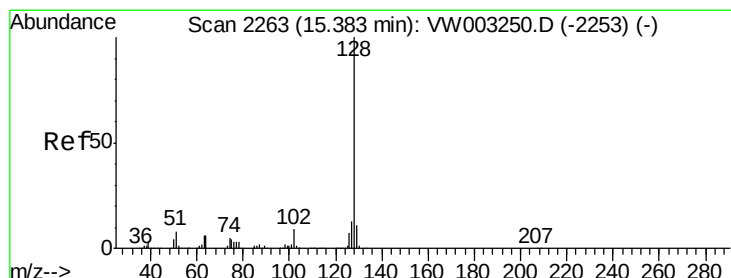
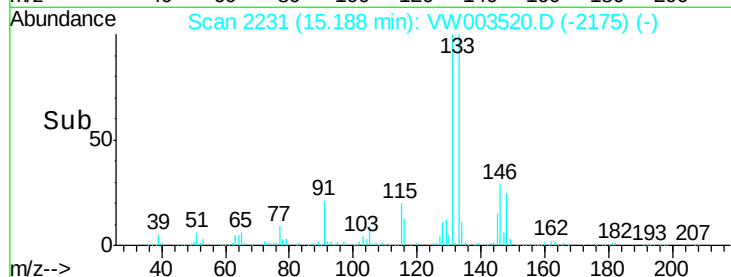
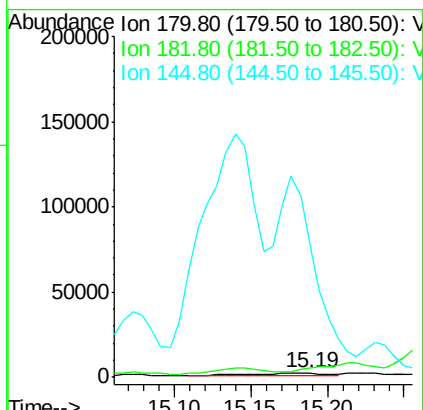
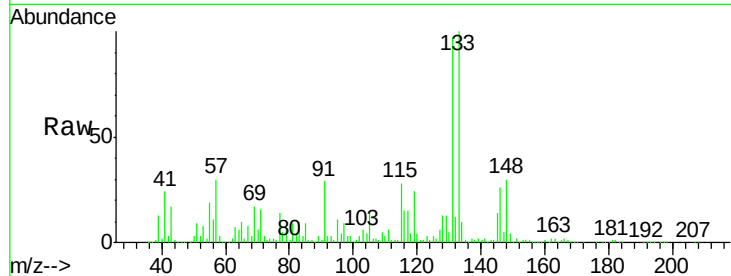




#93
1,2,4-Trichlorobenzene
Concen: 1.017 ug/l
RT: 15.19 min Scan# 2231
Delta R.T. 0.04 min
Lab File: VW003520.D
Acq: 24 Jun 2018 19:23

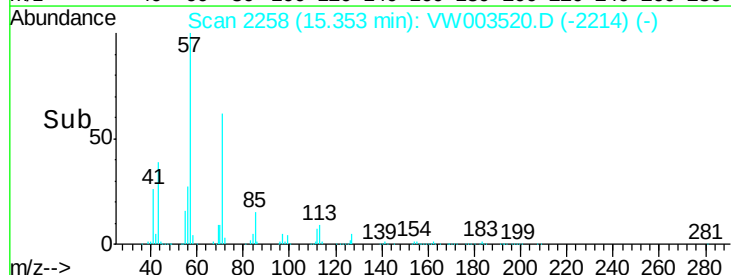
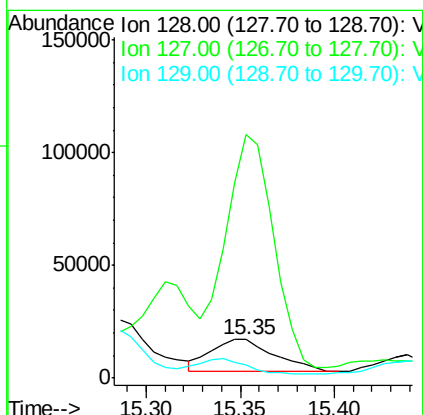
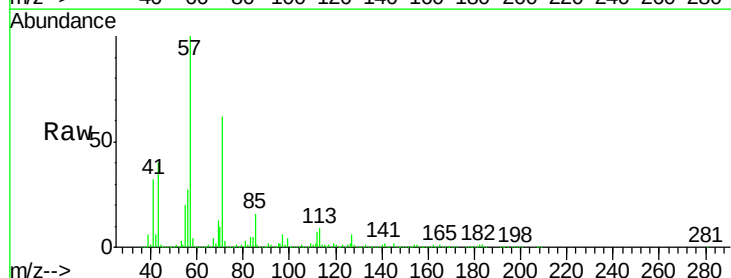
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-25-27-180620

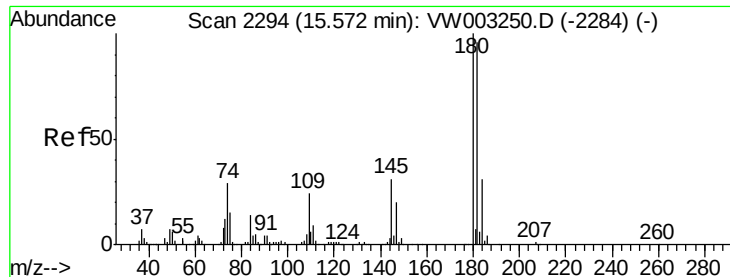
Tgt Ion:180 Resp: 4735
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.6#
145 4112.4 15.2 45.5#



#95
Naphthalene
Concen: 4.271 ug/l
RT: 15.35 min Scan# 2258
Delta R.T. -0.03 min
Lab File: VW003520.D
Acq: 24 Jun 2018 19:23

Tgt Ion:128 Resp: 33735
Ion Ratio Lower Upper
128 100
127 537.6 10.5 15.7#
129 33.9 8.9 13.3#





#96

1,2,3-Trichlorobenzene

Concen: 1.794 ug/l

RT: 15.59 min Scan# 2297

Delta R.T. 0.02 min

Lab File: VW003520.D

Acq: 24 Jun 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-25-27-180620

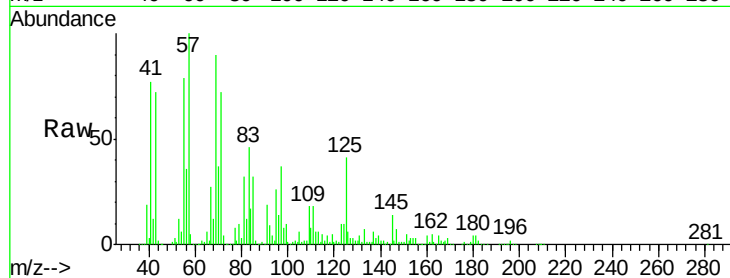
Tgt Ion:180 Resp: 7352

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.6#

145 3000.6 15.8 47.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

