

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003495.D
 Acq On : 24 Jun 2018 07:56
 Operator : SY/AP
 Sample : J3670-15
 Misc : 6.29G/5ML/MSVOA_W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-27-29-180621

Quant Time: Jun 25 02:49:17 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	193261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	338739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	318377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125052	59.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.48%	
35) Dibromofluoromethane	7.88	113	110163	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	10.33	98	404941	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.62	95	180736	61.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.38%	

Target Compounds

						Qvalue
3) Chloromethane	2.36	50	13034	8.829	ug/l #	44
4) Vinyl Chloride	2.36	62	1941472	902.154	ug/l	98
11) Tert butyl alcohol	5.23	59	4603	41.001	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	4808	2.748	ug/l	93
13) Acrolein	3.90	56	321	2.000	ug/l	91
16) Acetone	4.15	43	76029	173.175	ug/l	99
17) Carbon Disulfide	4.37	76	7408	1.432	ug/l	100
18) Methyl Acetate	4.68	43	2887	2.772	ug/l #	79
20) Methylene Chloride	4.92	84	18667	6.841	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	8604	4.519	ug/l	91
24) 1,1-Dichloroethane	6.21	63	23785	6.569	ug/l #	93
25) 2-Butanone	7.17	43	2366	4.334	ug/l #	1
27) cis-1,2-Dichloroethene	7.17	96	3268075	1562.470	ug/l	92
29) Tetrahydrofuran	7.54	42	1507	4.517	ug/l #	45
31) Cyclohexane	7.95	56	7754	2.292	ug/l #	44
36) 1,1-Dichloropropene	7.95	75	15494	4.736	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19086	5.948	ug/l #	17
39) Methylcyclohexane	9.34	83	54798	14.477	ug/l	95
40) Benzene	8.33	78	916705	101.661	ug/l	100
41) Methacrylonitrile	7.56	41	955	1.148	ug/l #	43
42) 1,2-Dichloroethane	8.40	62	12272	4.344	ug/l	95
48) Methyl methacrylate	9.46	41	1568	1.240	ug/l #	12
49) 1,4-Dioxane	9.49	88	424	23.890	ug/l #	1
51) 4-Methyl-2-Pentanone	10.26	43	4621	3.370	ug/l #	80
52) Toluene	10.39	92	73265	12.670	ug/l	98
55) 1,1,2-Trichloroethane	10.77	97	23052	13.917	ug/l #	26
56) Ethyl methacrylate	10.67	69	8449	4.201	ug/l #	4
59) 2-Hexanone	10.94	43	36810	38.427	ug/l #	32
65) Chlorobenzene	11.66	112	3466951	522.924	ug/l	100
67) Ethyl Benzene	11.74	91	12578	1.070	ug/l	96
68) m/p-Xylenes	11.85	106	10020	2.243	ug/l	92
69) o-Xylene	12.18	106	5784	1.397	ug/l	56
73) Isopropylbenzene	12.48	105	158759	13.692	ug/l	99
74) N-amyl acetate	12.26	43	137956	52.274	ug/l #	52

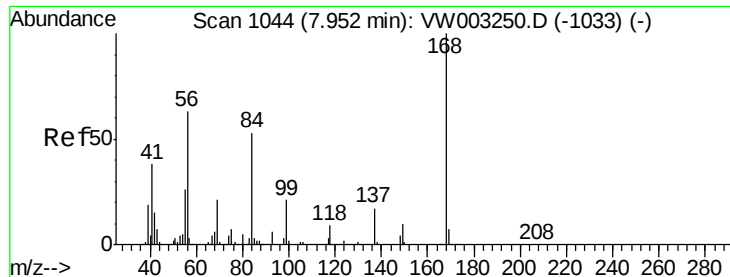
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003495.D
 Acq On : 24 Jun 2018 07:56
 Operator : SY/AP
 Sample : J3670-15
 Misc : 6.29G/5ML/MSVOA_W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-27-29-180621

Quant Time: Jun 25 02:49:17 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)
75) 1,1,2,2-Tetrachloroethane	12.69	83	11235	5.727	ug/l #	25
76) 1,2,3-Trichloropropane	12.63	75	80636	56.582	ug/l #	100
78) n-propylbenzene	12.81	91	17831	1.256	ug/l	93
79) 2-Chlorotoluene	12.95	91	10138	1.264	ug/l	94
80) 1,3,5-Trimethylbenzene	12.95	105	30271	3.110	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.63	75	80636	130.199	ug/l #	15
82) 4-Chlorotoluene	12.95	91	9122	1.072	ug/l	93
83) tert-Butylbenzene	13.21	119	205510	24.778	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	78213	7.812	ug/l	98
85) sec-Butylbenzene	13.40	105	624653	50.668	ug/l #	37
86) p-Isopropyltoluene	13.66	119	333415	30.663	ug/l	96
87) 1,3-Dichlorobenzene	13.51	146	21715	3.915	ug/l #	21
88) 1,4-Dichlorobenzene	13.58	146	68840	12.483	ug/l #	83
89) n-Butylbenzene	13.83	91	54342	5.127	ug/l #	66
90) Hexachloroethane	14.22	117	237153	120.565	ug/l #	10
91) 1,2-Dichlorobenzene	13.88	146	93252	19.191	ug/l #	85
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1059	3.208	ug/l #	6
95) Naphthalene	15.38	128	29514	5.101	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

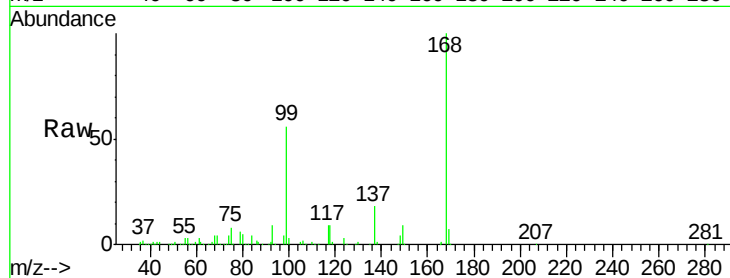
WP021SB477-27-29-180621

Tgt Ion:168 Resp: 193261

Ion Ratio Lower Upper

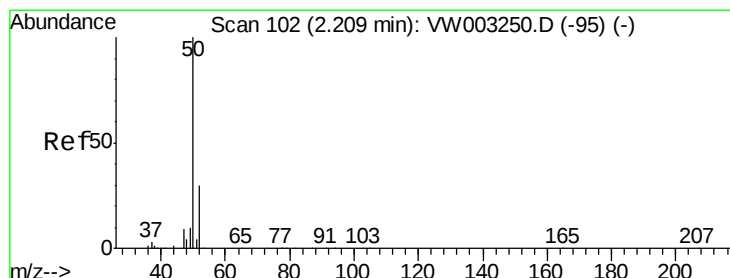
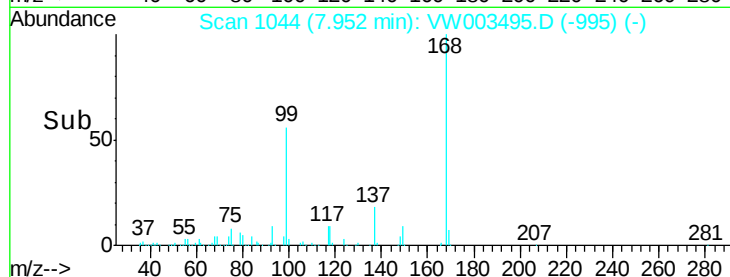
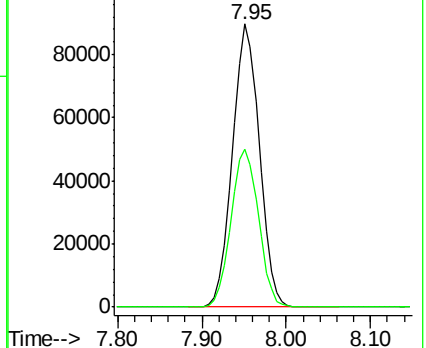
168 100

99 55.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 8.829 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.15 min

Lab File: VW003495.D

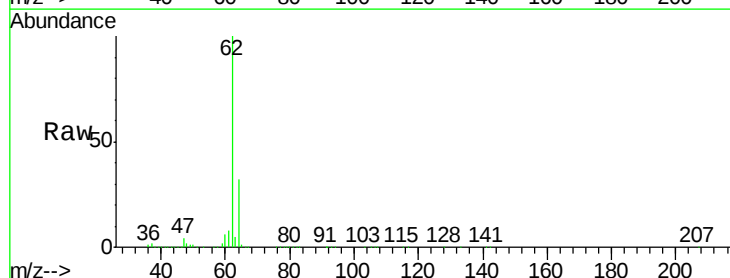
Acq: 24 Jun 2018 07:56

Tgt Ion: 50 Resp: 13034

Ion Ratio Lower Upper

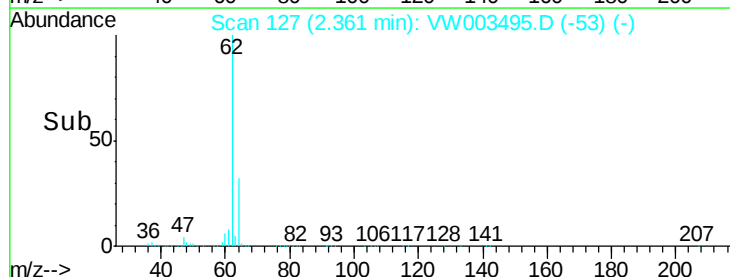
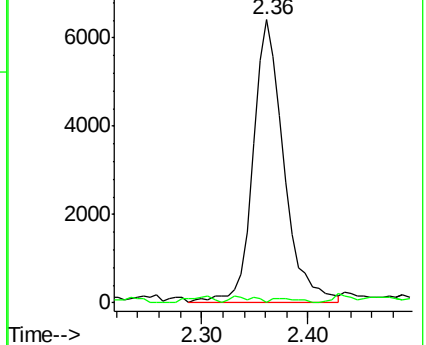
50 100

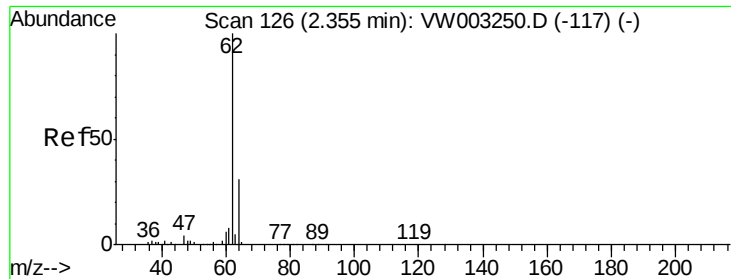
52 0.0 24.2 36.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#4

Vinyl Chloride

Concen: 902.154 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

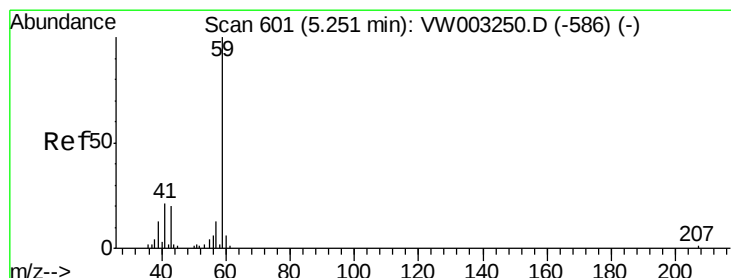
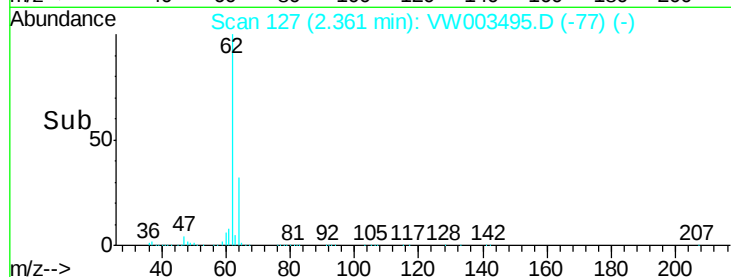
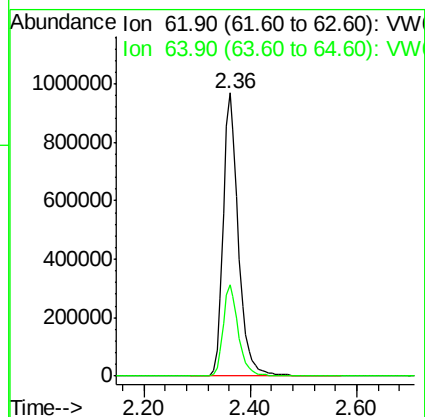
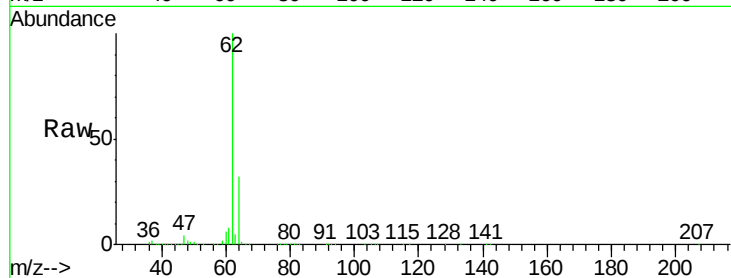
WP021SB477-27-29-180621

Tgt Ion: 62 Resp: 1941472

Ion Ratio Lower Upper

62 100

64 32.4 24.9 37.3



#11

Tert butyl alcohol

Concen: 41.001 ug/l

RT: 5.23 min Scan# 598

Delta R.T. -0.02 min

Lab File: VW003495.D

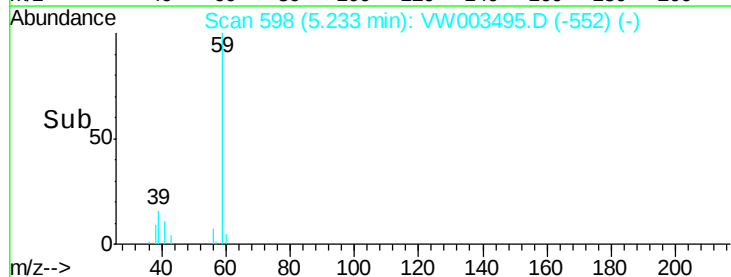
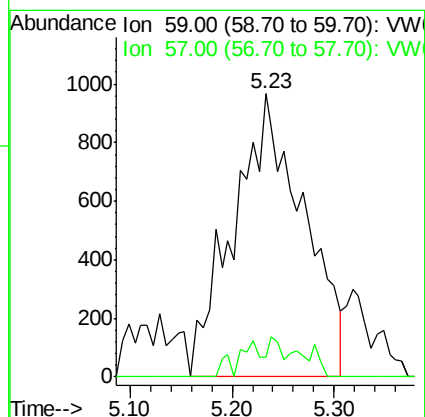
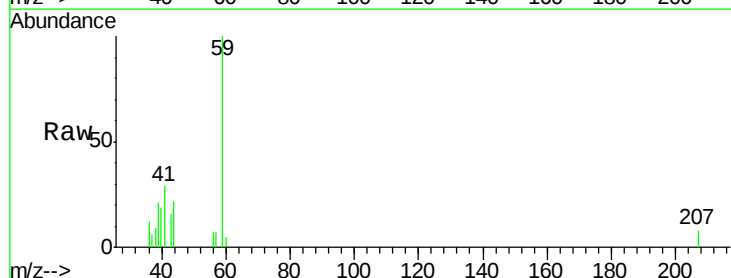
Acq: 24 Jun 2018 07:56

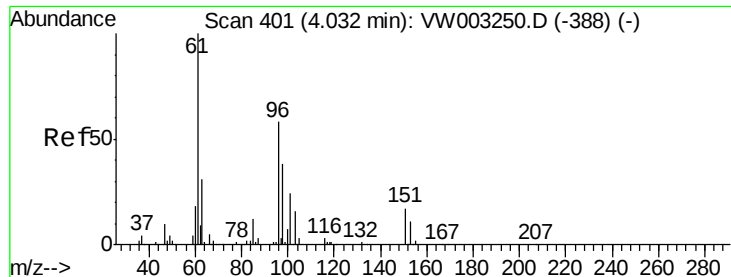
Tgt Ion: 59 Resp: 4603

Ion Ratio Lower Upper

59 100

57 1.4 4.2 6.2#





#12

1,1-Dichloroethene

Concen: 2.748 ug/l

RT: 4.03 min Scan# 400

Delta R.T. -0.01 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-27-29-180621

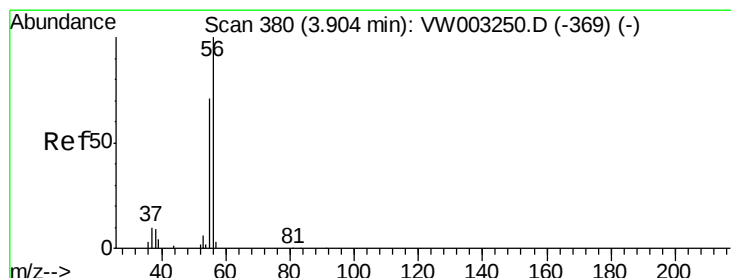
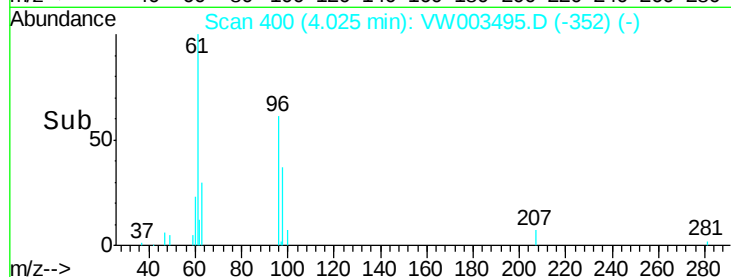
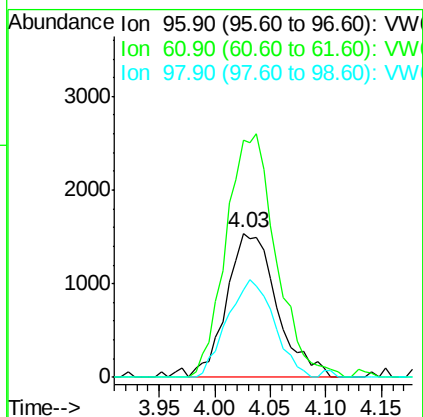
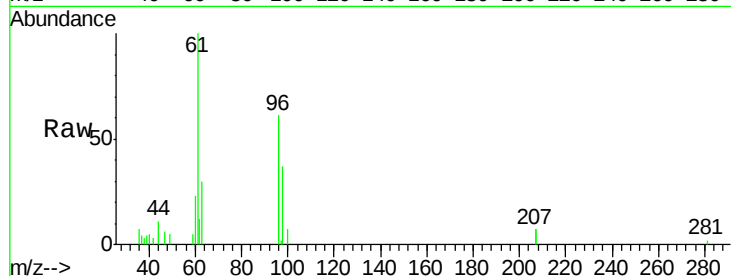
Tgt Ion: 96 Resp: 4808

Ion Ratio Lower Upper

96 100

61 164.0 139.0 208.4

98 60.5 53.3 79.9



#13

Acrolein

Concen: 2.000 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003495.D

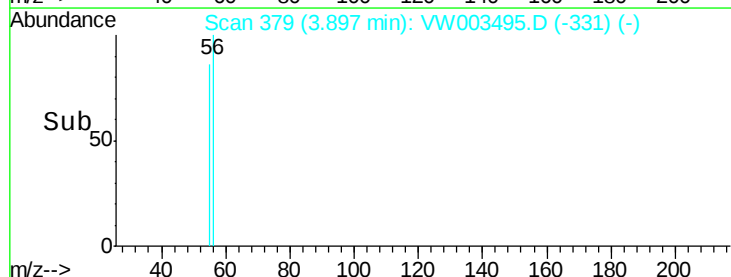
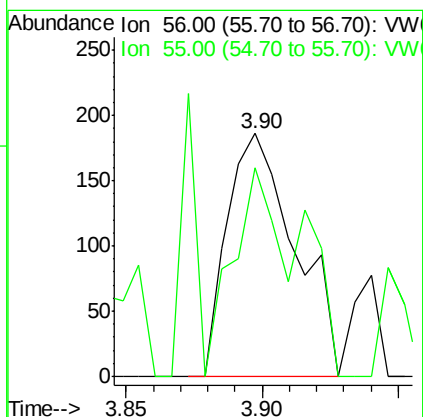
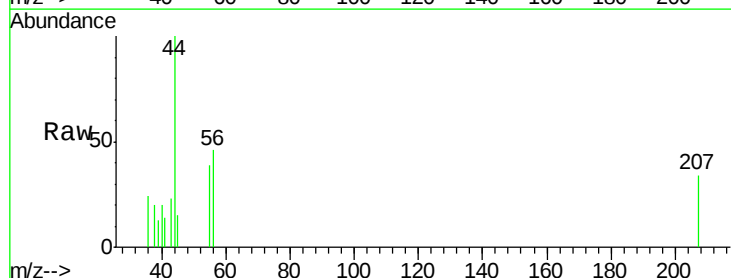
Acq: 24 Jun 2018 07:56

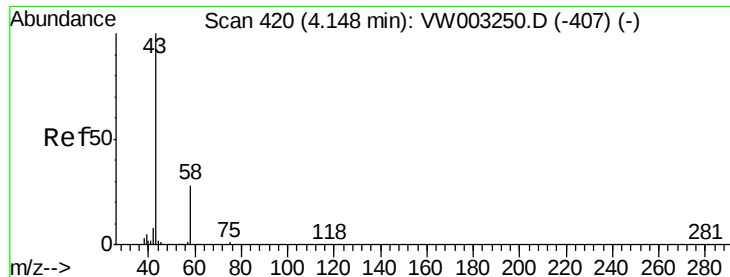
Tgt Ion: 56 Resp: 321

Ion Ratio Lower Upper

56 100

55 76.3 55.4 83.2





#16

Acetone

Concen: 173.175 ug/l

RT: 4.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

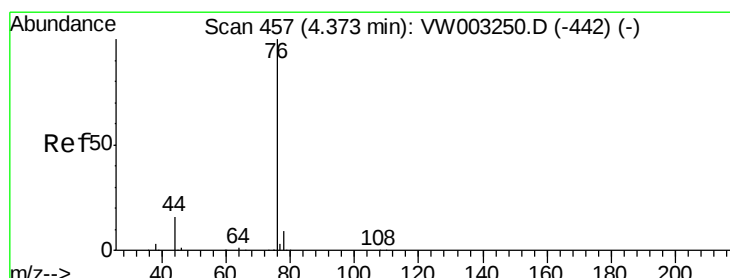
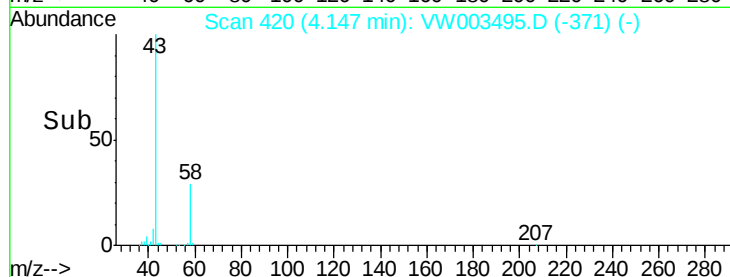
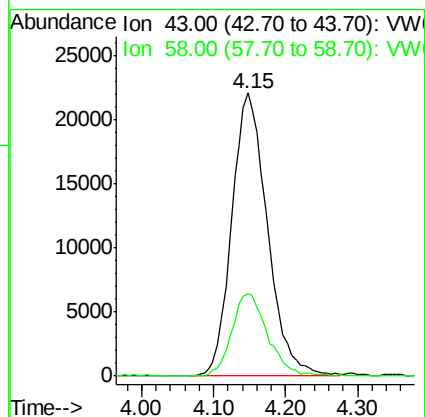
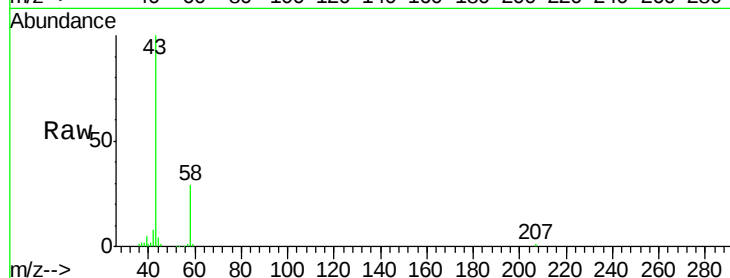
WP021SB477-27-29-180621

Tgt Ion: 43 Resp: 76029

Ion Ratio Lower Upper

43 100

58 29.0 22.6 34.0



#17

Carbon Disulfide

Concen: 1.432 ug/l

RT: 4.37 min Scan# 457

Delta R.T. -0.00 min

Lab File: VW003495.D

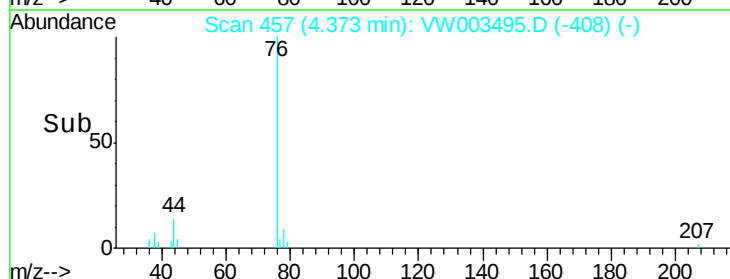
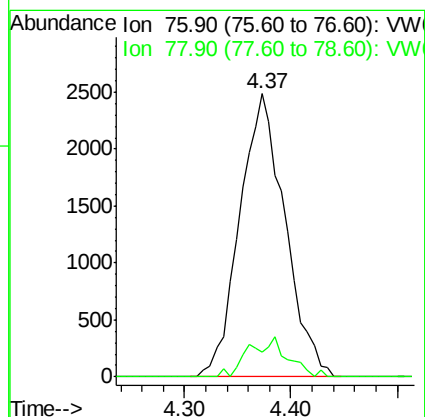
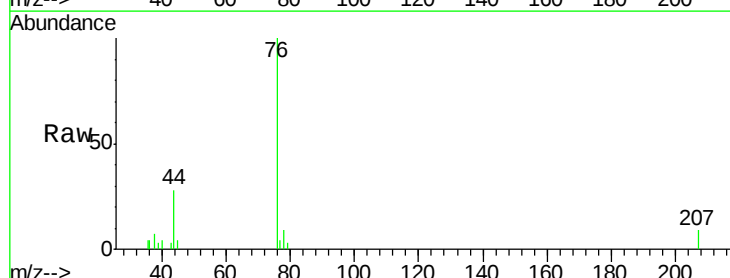
Acq: 24 Jun 2018 07:56

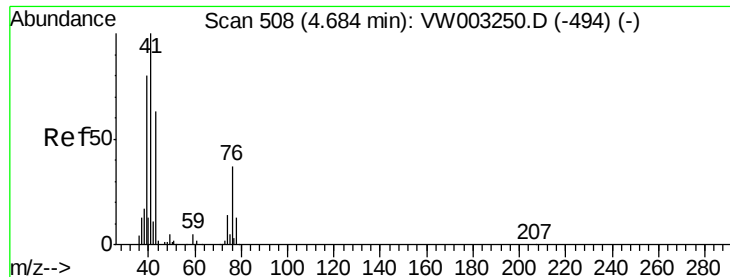
Tgt Ion: 76 Resp: 7408

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

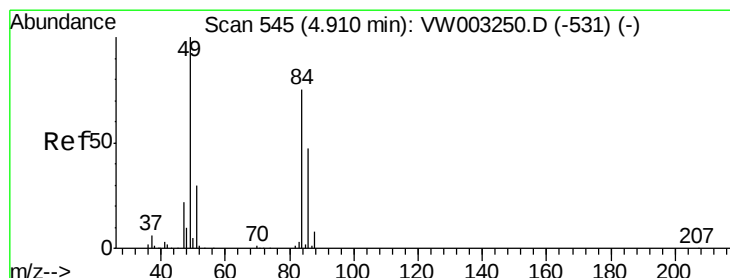
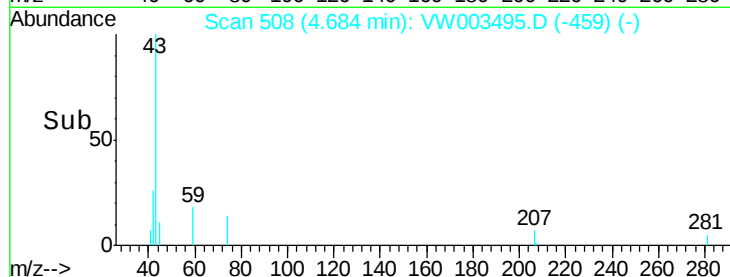
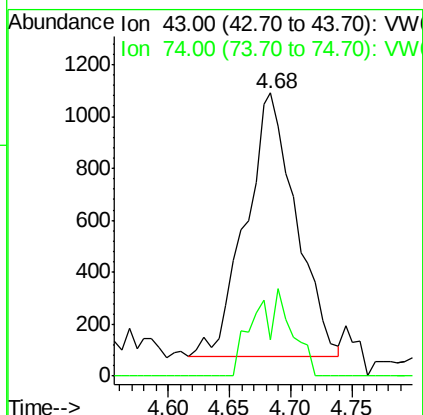
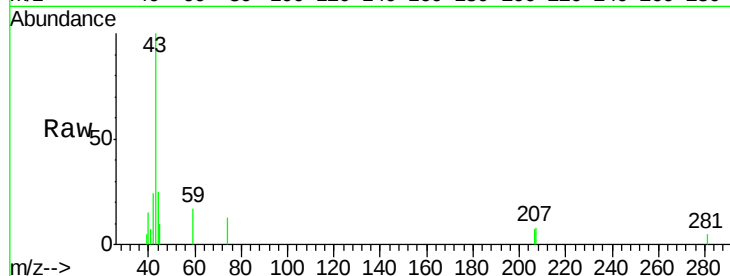




#18
Methyl Acetate
Concen: 2.772 ug/l
RT: 4.68 min Scan# 508
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

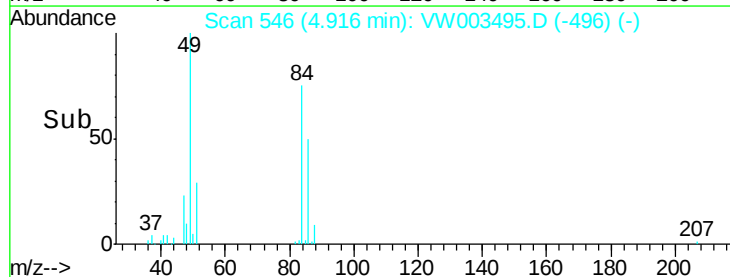
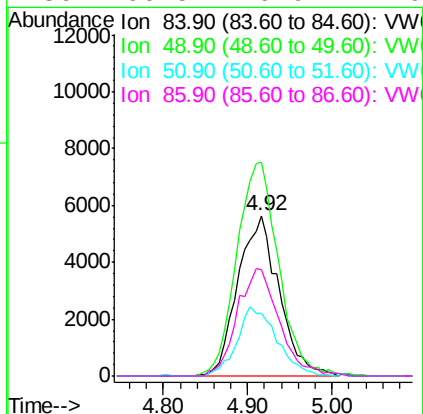
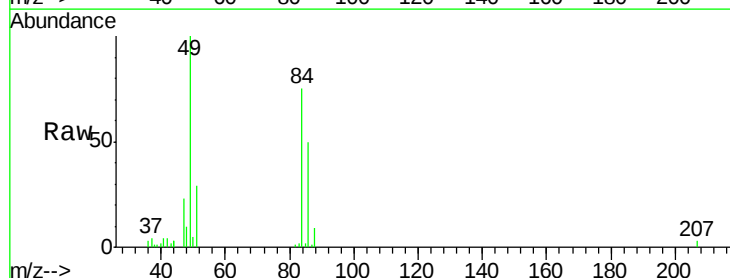
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

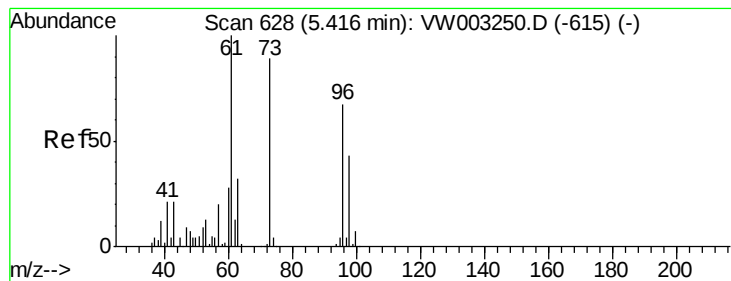
Tgt Ion: 43 Resp: 2887
Ion Ratio Lower Upper
43 100
74 13.0 18.7 28.1#



#20
Methylene Chloride
Concen: 6.841 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion: 84 Resp: 18667
Ion Ratio Lower Upper
84 100
49 133.2 106.3 159.5
51 39.1 32.0 48.0
86 66.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 4.519 ug/l

RT: 5.42 min Scan# 628

Delta R.T. -0.00 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-27-29-180621

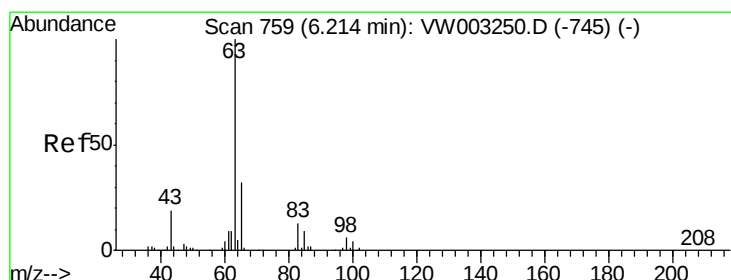
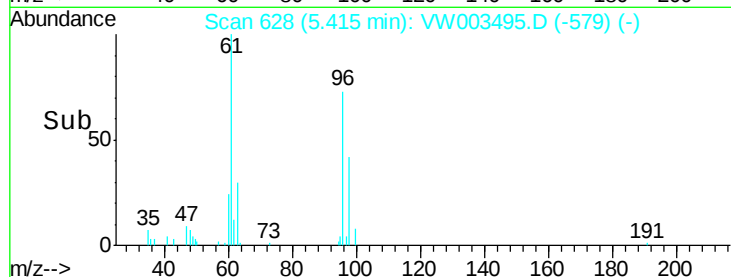
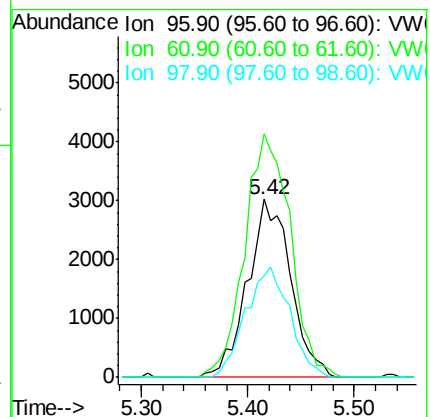
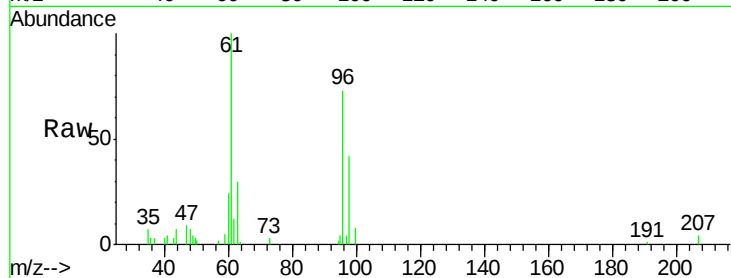
Tgt Ion: 96 Resp: 8604

Ion Ratio Lower Upper

96 100

61 136.7 118.7 178.1

98 57.0 51.0 76.6



#24

1,1-Dichloroethane

Concen: 6.569 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

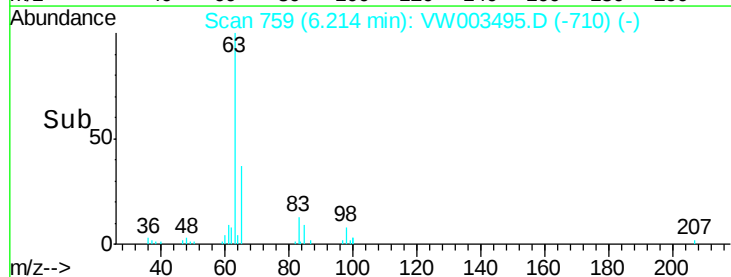
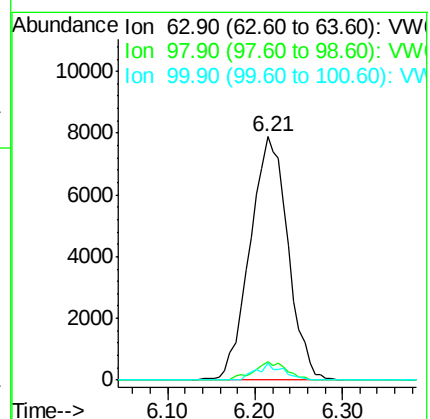
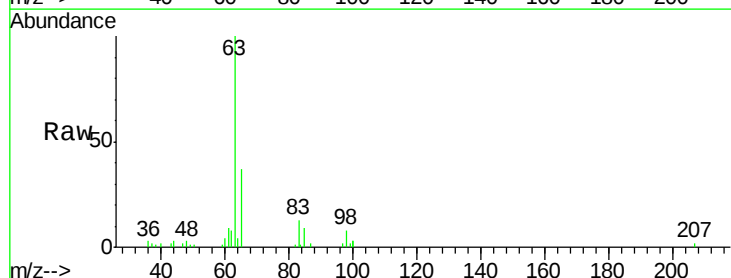
Tgt Ion: 63 Resp: 23785

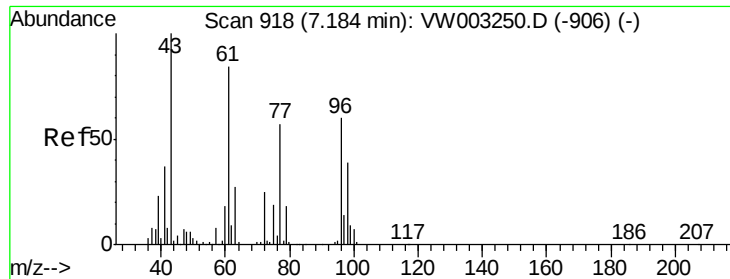
Ion Ratio Lower Upper

63 100

98 7.7 2.8 8.3

100 6.8 2.1 6.5#





#25

2-Butanone

Concen: 4.334 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

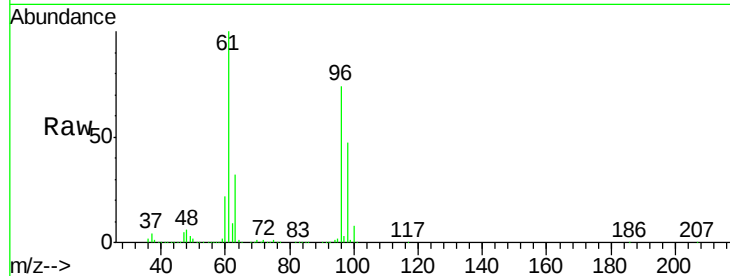
WP021SB477-27-29-180621

Tgt Ion: 43 Resp: 2366

Ion Ratio Lower Upper

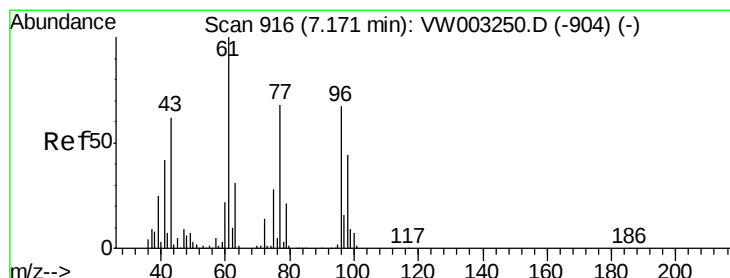
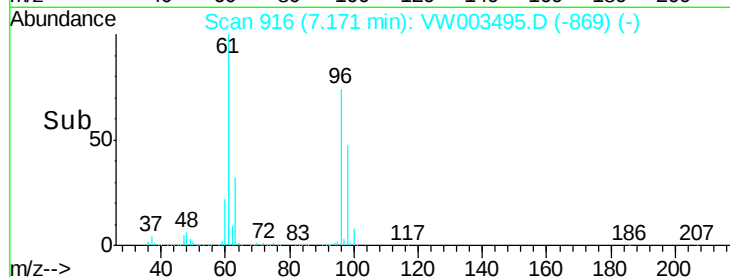
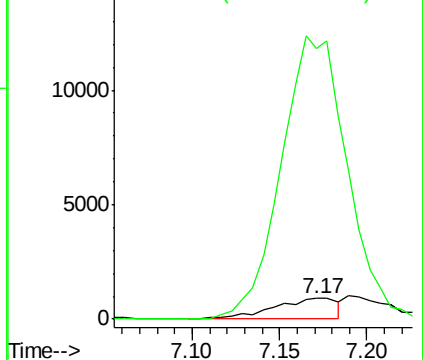
43 100

72 1303.5 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#27

cis-1,2-Dichloroethene

Concen: 1562.470 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

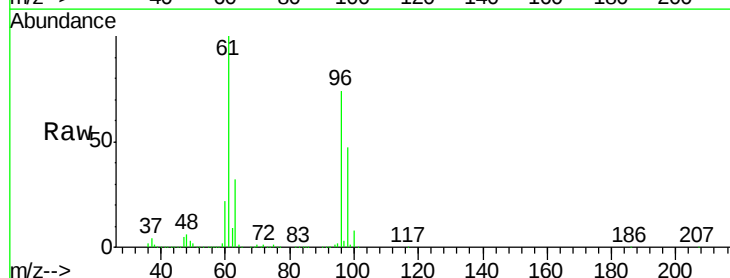
Tgt Ion: 96 Resp: 3268075

Ion Ratio Lower Upper

96 100

61 135.9 0.0 298.8

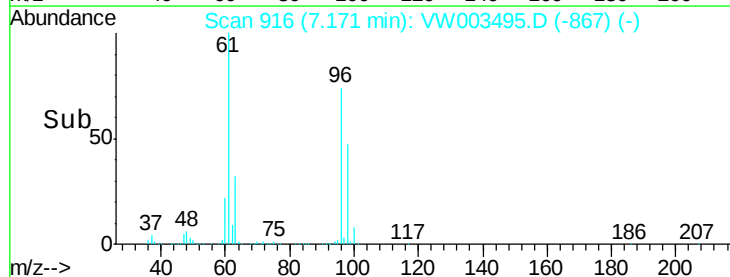
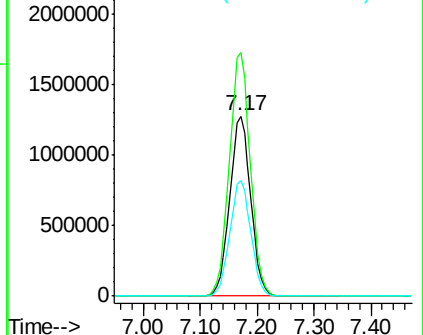
98 64.4 0.0 130.4

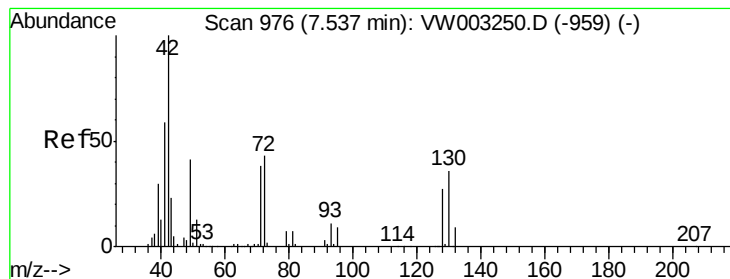


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#29

Tetrahydrofuran

Concen: 4.517 ug/l

RT: 7.54 min Scan# 976

Delta R.T. -0.00 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-27-29-180621

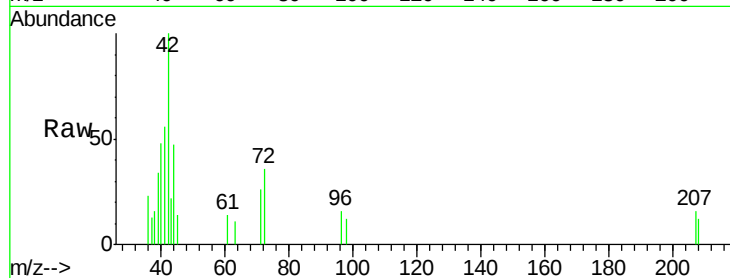
Tgt Ion: 42 Resp: 1507

Ion Ratio Lower Upper

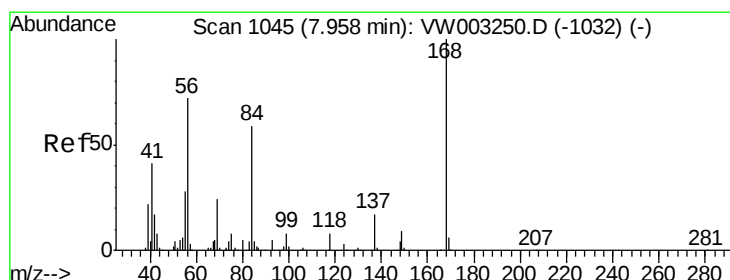
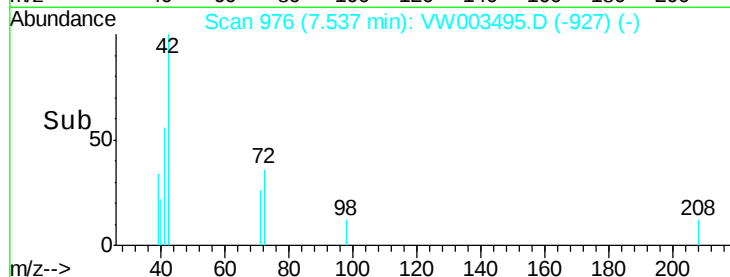
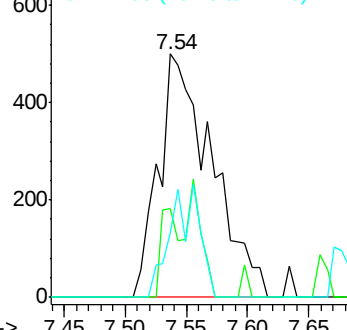
42 100

72 11.5 32.4 48.6#

71 0.0 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



#31

Cyclohexane

Concen: 2.292 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

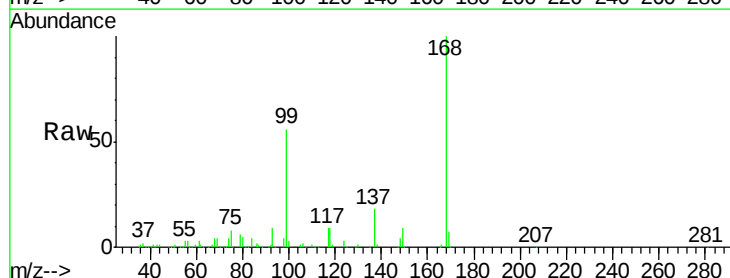
Tgt Ion: 56 Resp: 7754

Ion Ratio Lower Upper

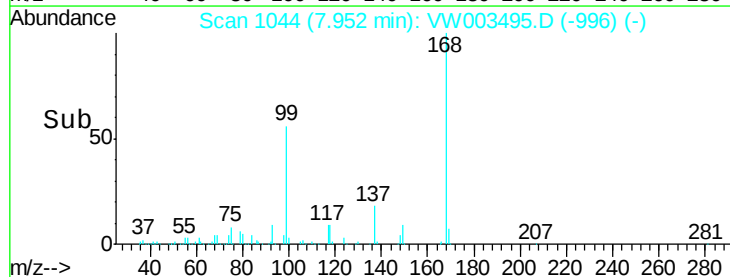
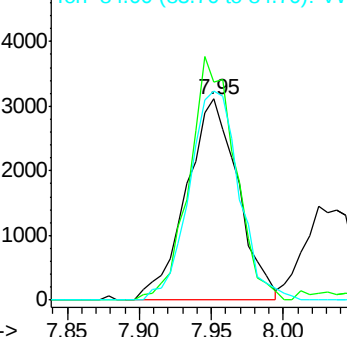
56 100

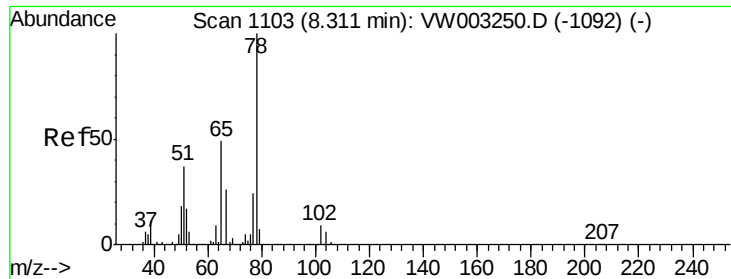
69 108.5 26.3 39.5#

84 103.8 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

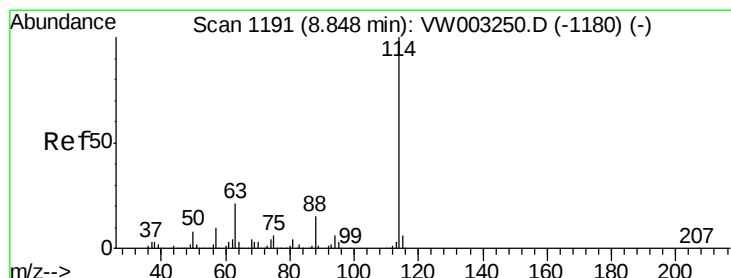
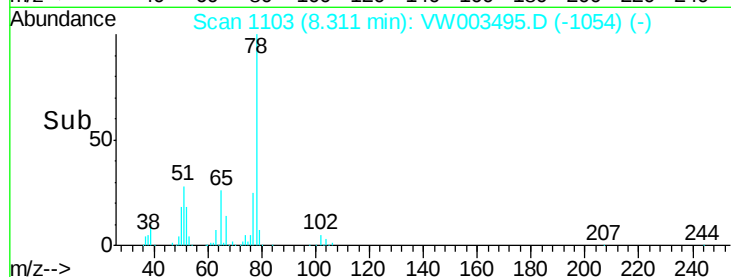
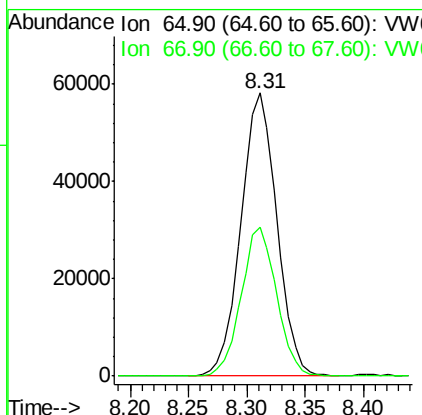
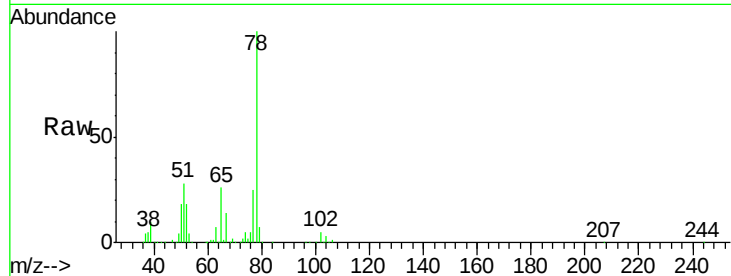




#33
 1,2-Dichloroethane-d4
 Concen: 59.739 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

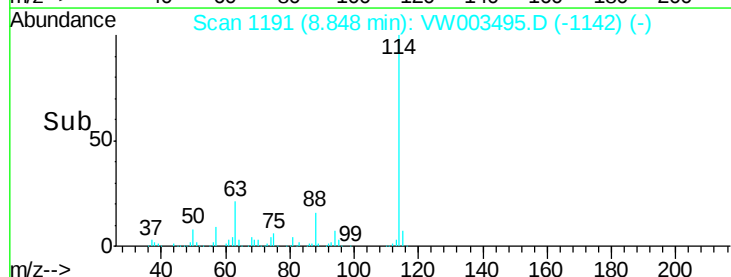
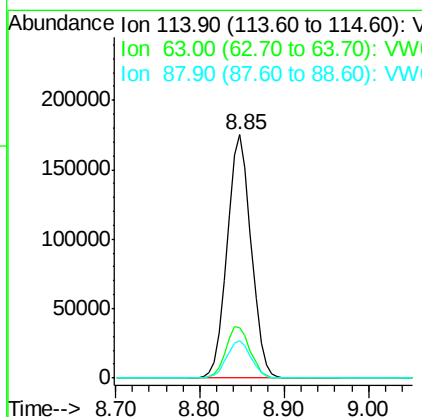
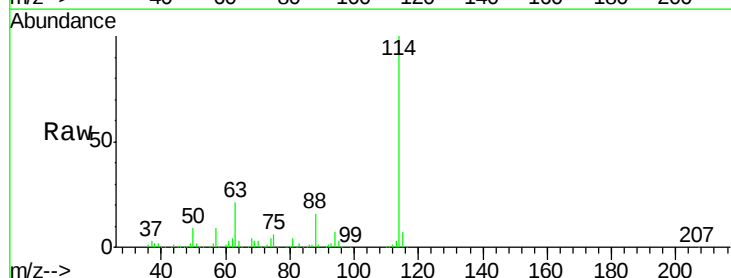
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-27-29-180621

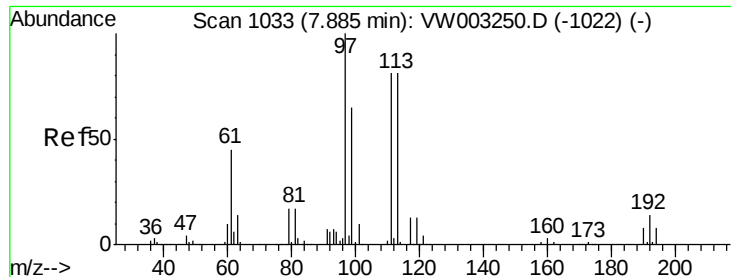
Tgt Ion: 65 Resp: 125052
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

Tgt Ion: 114 Resp: 338739
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.0
 88 15.6 0.0 29.6

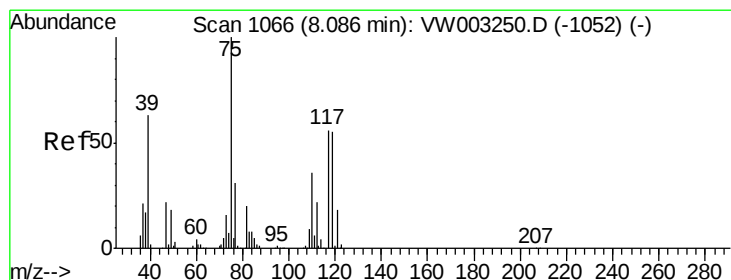
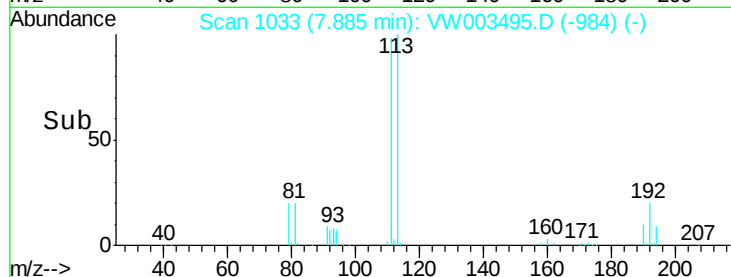
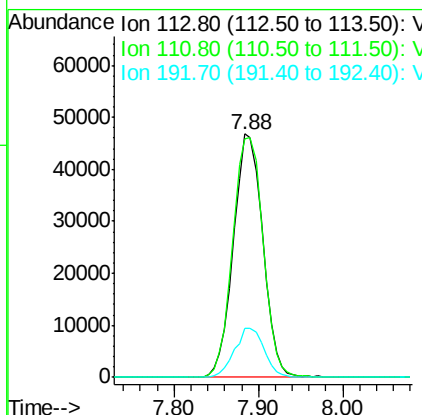
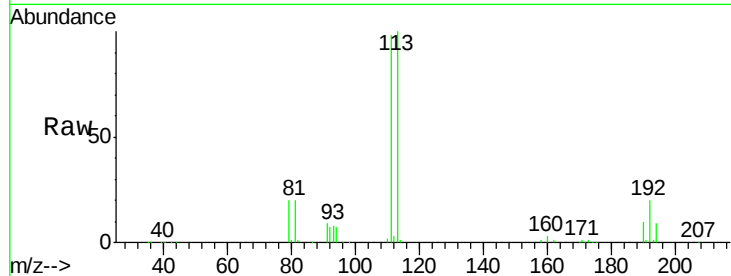




#35
 Dibromofluoromethane
 Concen: 52.338 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

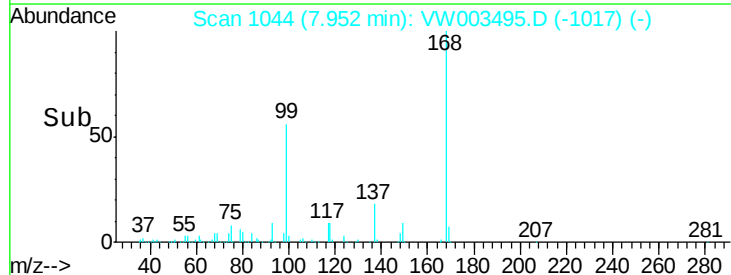
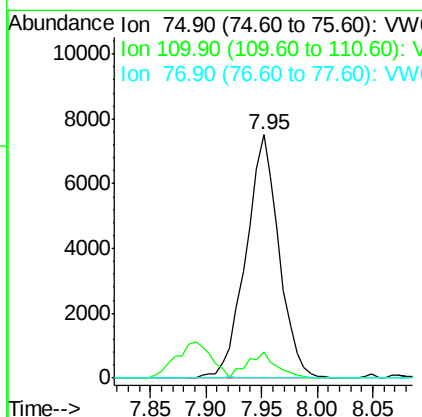
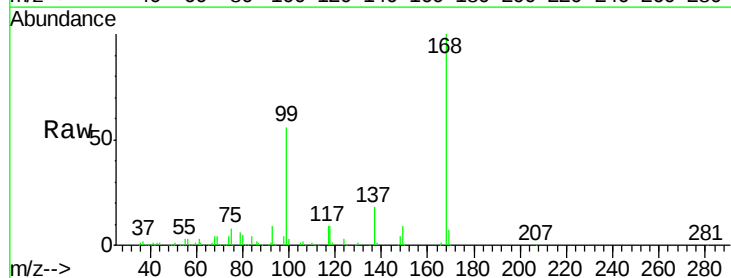
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-27-29-180621

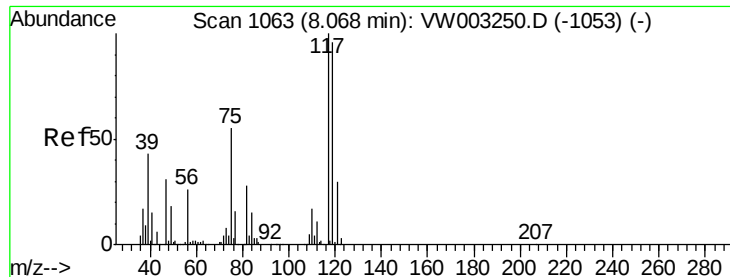
Tgt Ion: 113 Resp: 110163
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.2
 192 20.3 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.736 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

Tgt Ion: 75 Resp: 15494
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.1 51.3#
 77 0.0 24.9 37.3#

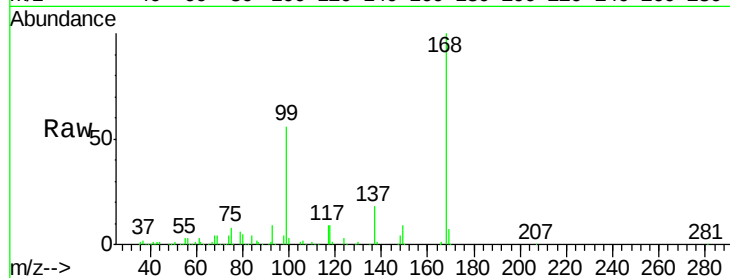




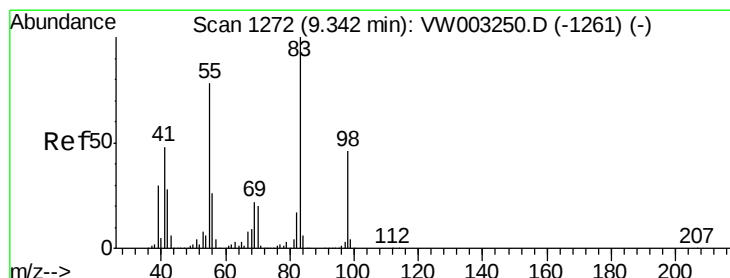
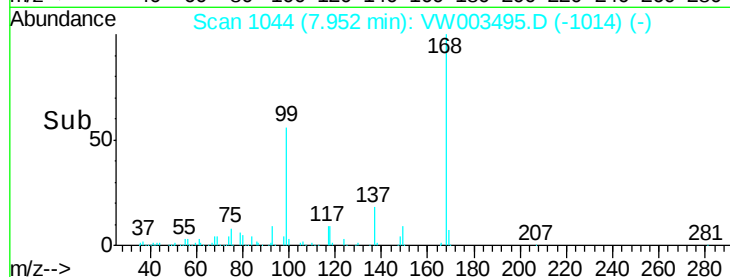
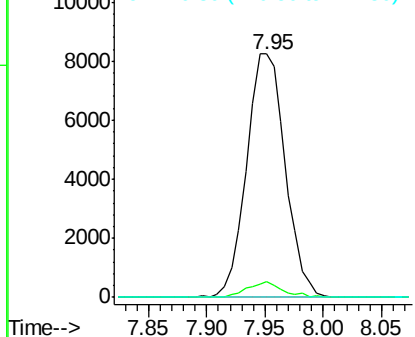
#38
Carbon Tetrachloride
Concen: 5.948 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

Tgt Ion:117 Resp: 19086
Ion Ratio Lower Upper
117 100
119 6.6 76.6 115.0#
121 0.0 23.9 35.9#

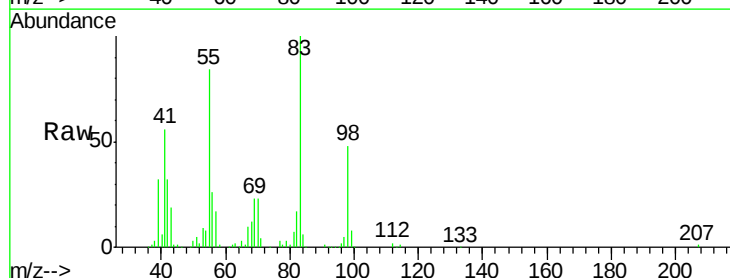


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

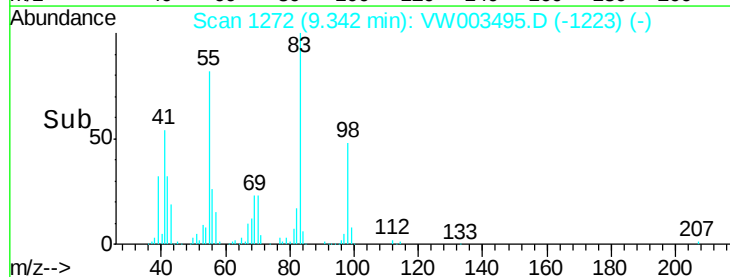
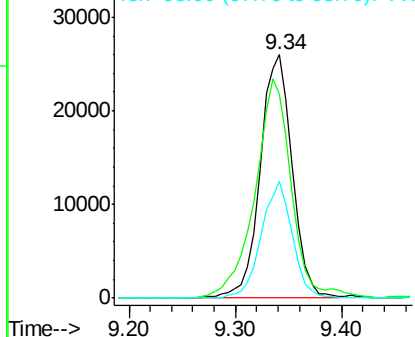


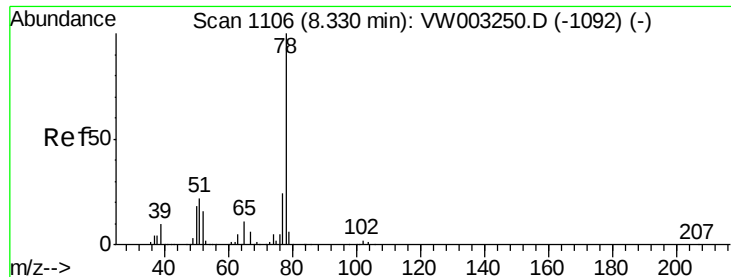
#39
Methylcyclohexane
Concen: 14.477 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion: 83 Resp: 54798
Ion Ratio Lower Upper
83 100
55 83.5 62.6 93.8
98 47.8 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

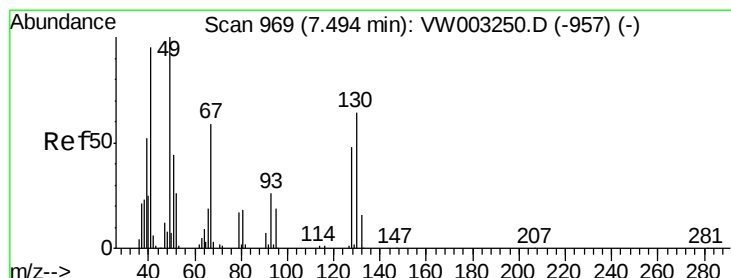
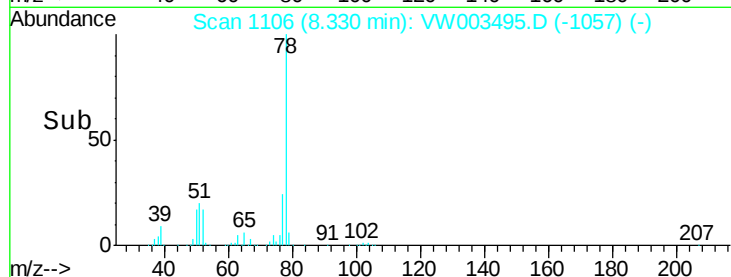
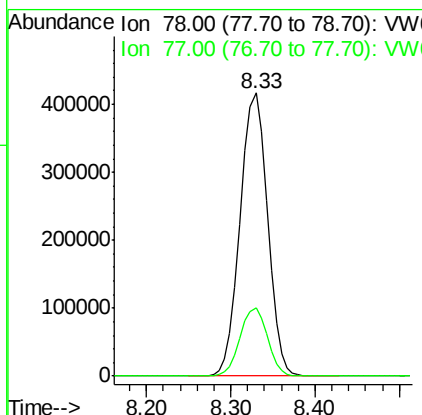
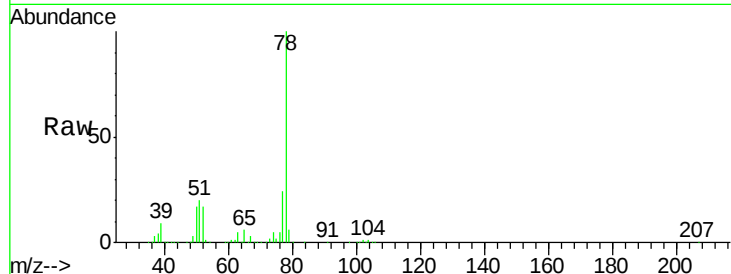




#40
Benzene
Concen: 101.661 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

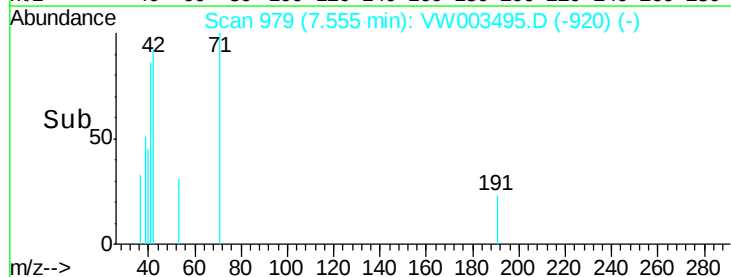
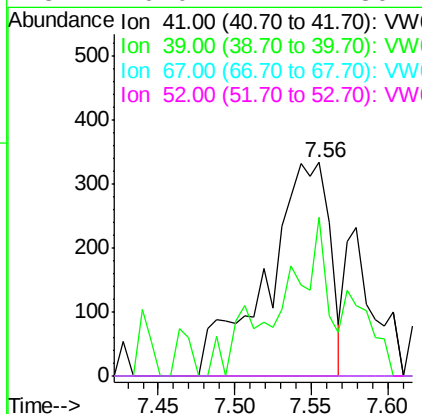
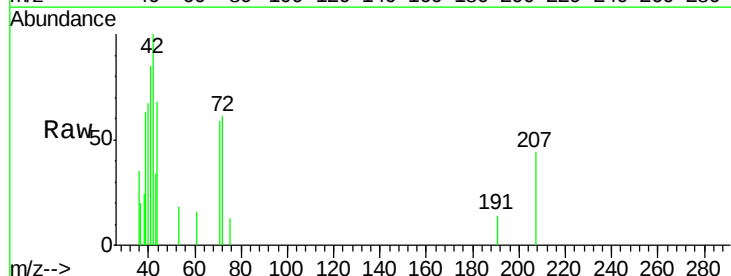
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

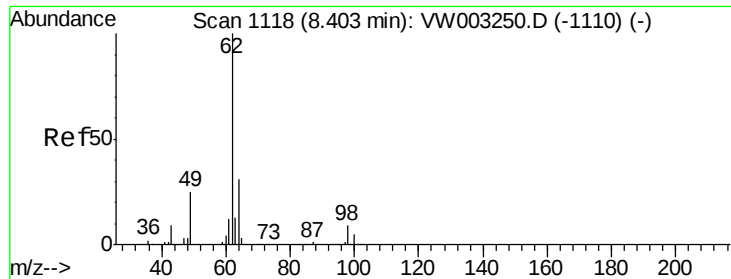
Tgt Ion: 78 Resp: 916705
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6



#41
Methacrylonitrile
Concen: 1.148 ug/l
RT: 7.56 min Scan# 979
Delta R.T. 0.06 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion: 41 Resp: 955
Ion Ratio Lower Upper
41 100
39 37.0 45.8 68.8#
67 0.0 52.3 78.5#
52 0.0 24.1 36.1#





#42

1,2-Dichloroethane

Concen: 4.344 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

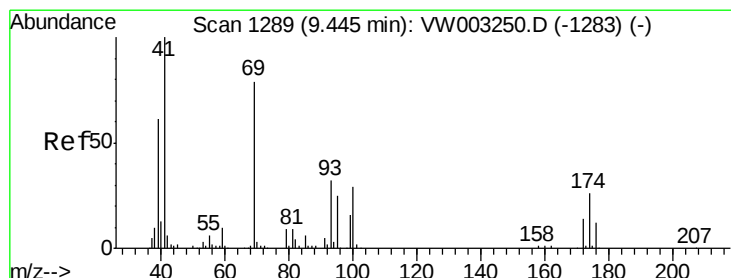
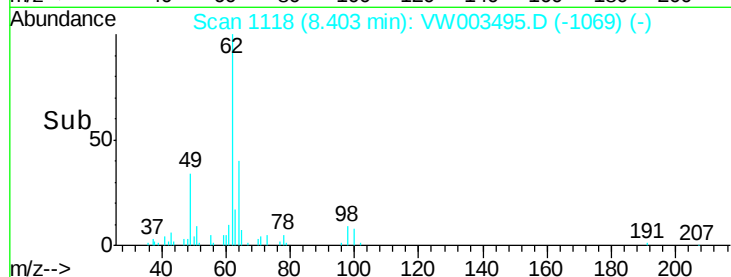
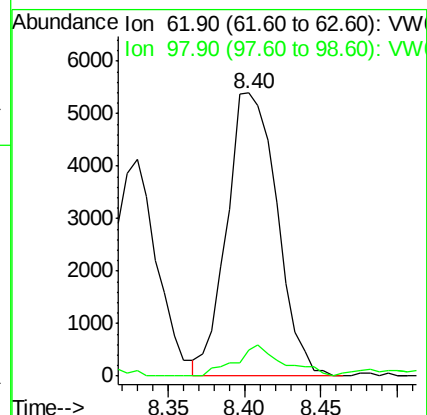
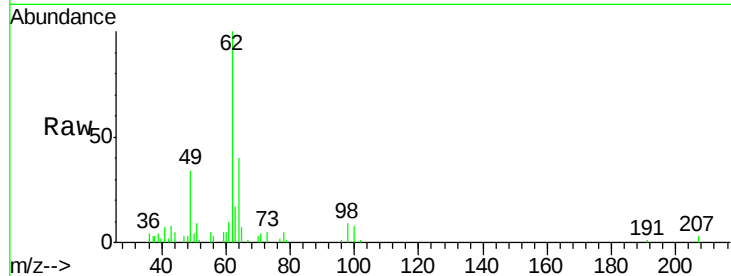
WP021SB477-27-29-180621

Tgt Ion: 62 Resp: 12272

Ion Ratio Lower Upper

62 100

98 10.5 0.0 17.2



#48

Methyl methacrylate

Concen: 1.240 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.02 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

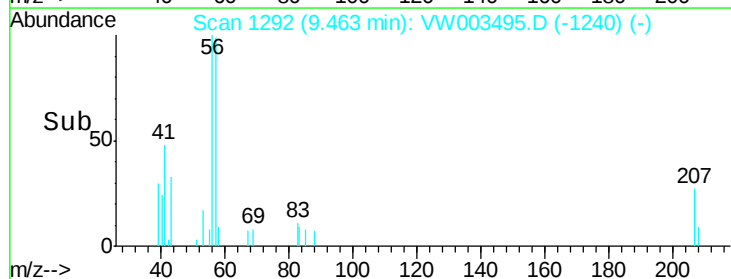
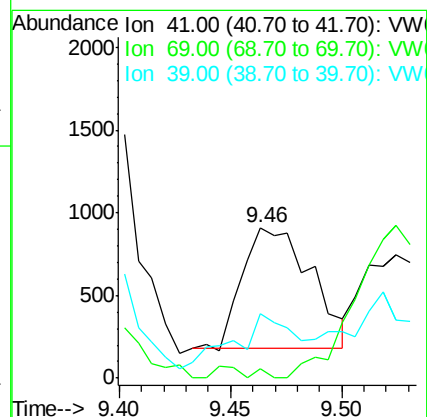
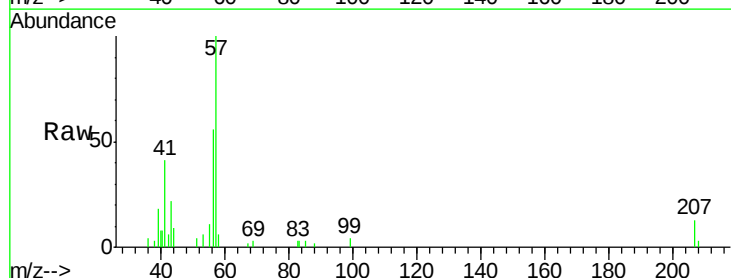
Tgt Ion: 41 Resp: 1568

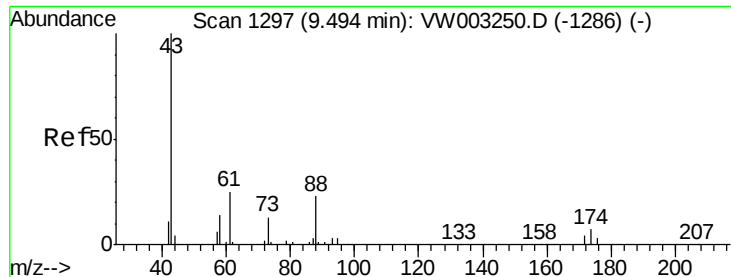
Ion Ratio Lower Upper

41 100

69 0.0 65.4 98.2#

39 0.0 54.2 81.2#

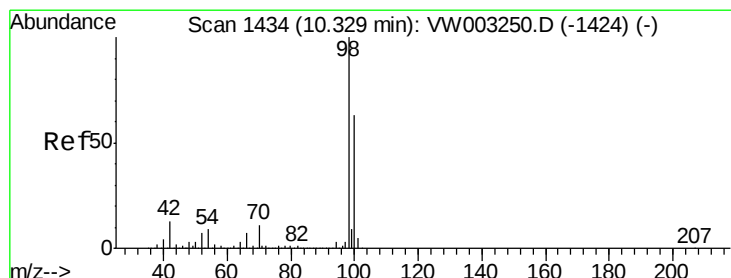
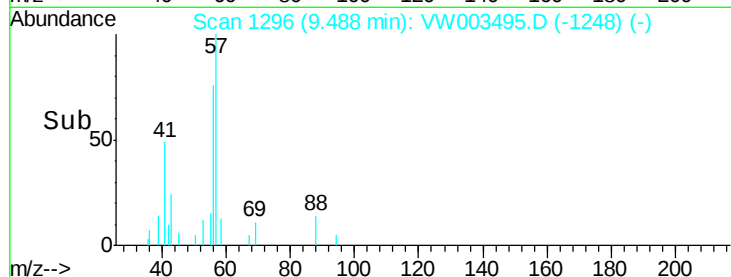
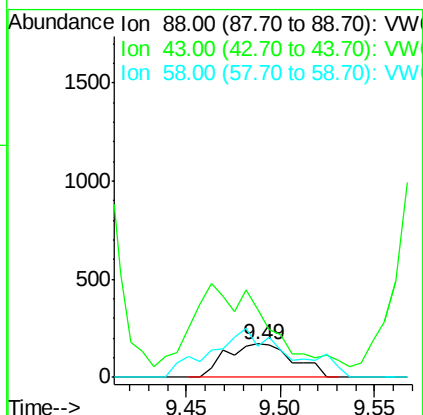
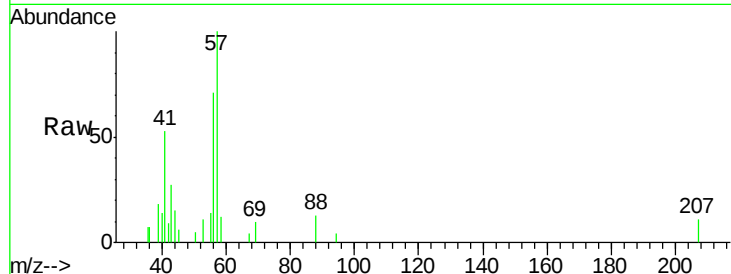




#49
 1,4-Dioxane
 Concen: 23.890 ug/l
 RT: 9.49 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

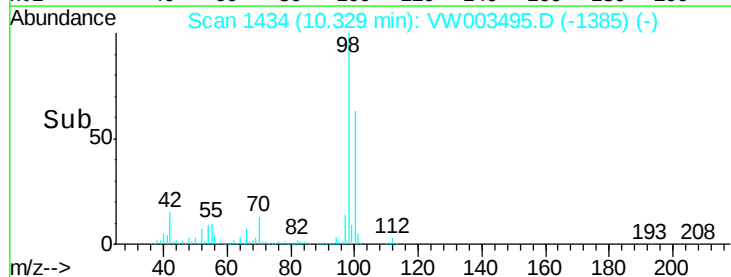
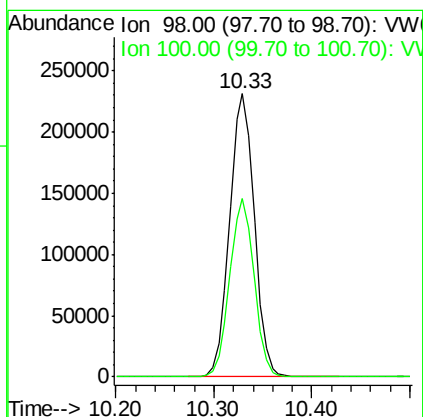
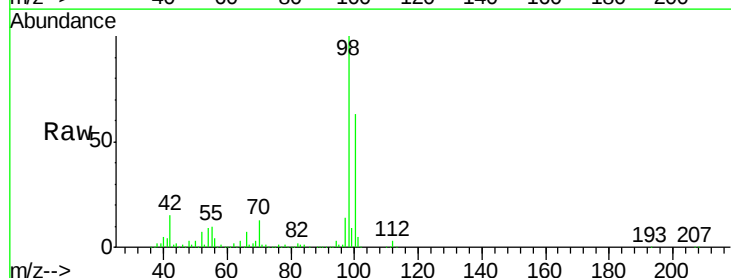
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-27-29-180621

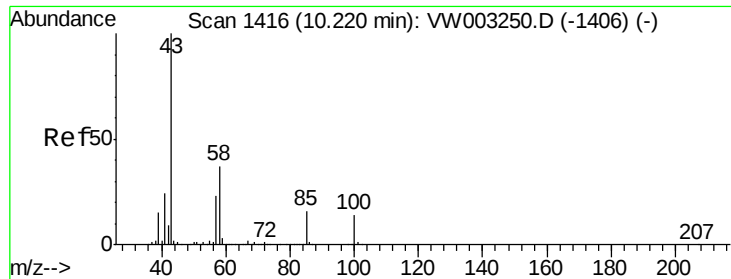
Tgt Ion: 88 Resp: 424
 Ion Ratio Lower Upper
 88 100
 43 0.0 454.7 682.1#
 58 167.5 58.6 88.0#



#50
 Toluene-d8
 Concen: 48.519 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

Tgt Ion: 98 Resp: 404941
 Ion Ratio Lower Upper
 98 100
 100 62.1 50.8 76.2

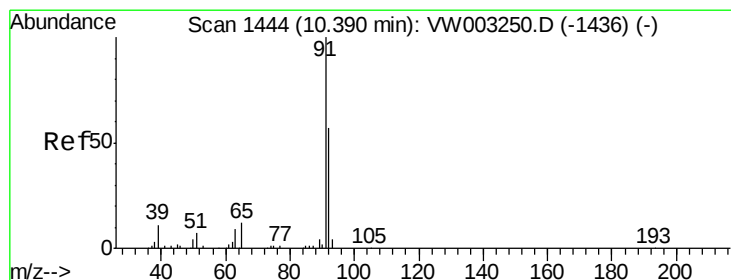
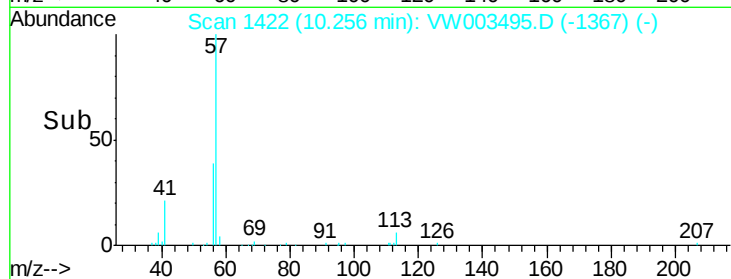
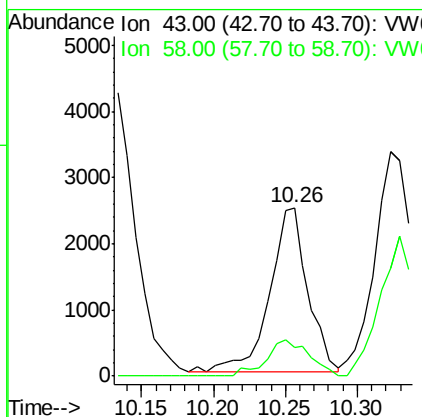
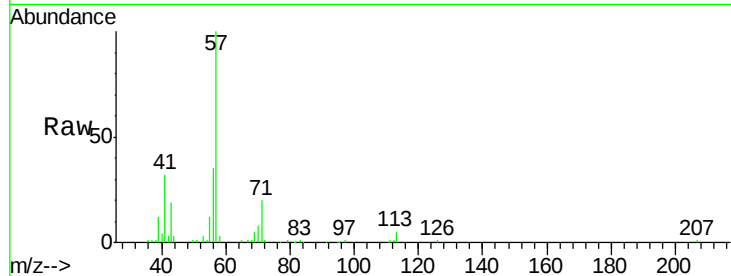




#51
 4-Methyl-2-Pentanone
 Concen: 3.370 ug/l
 RT: 10.26 min Scan# 1422
 Delta R.T. 0.04 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

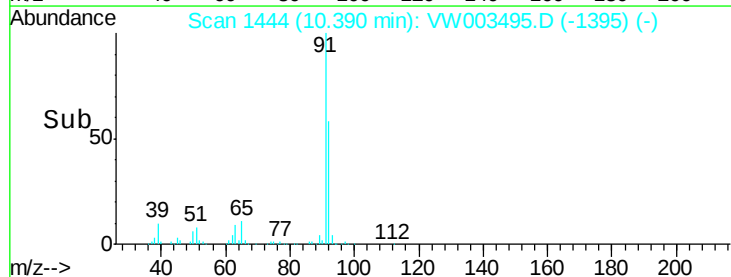
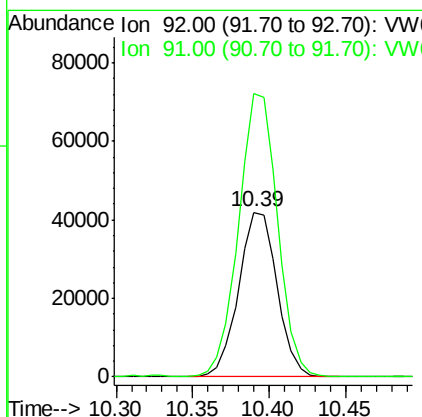
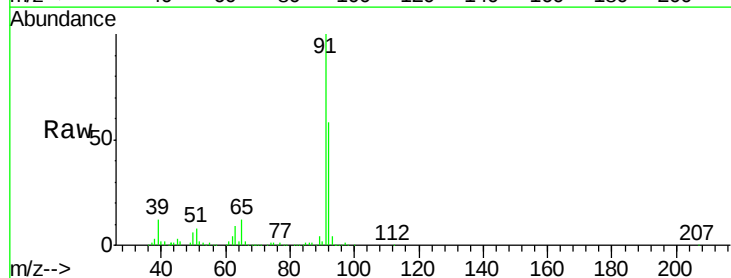
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-27-29-180621

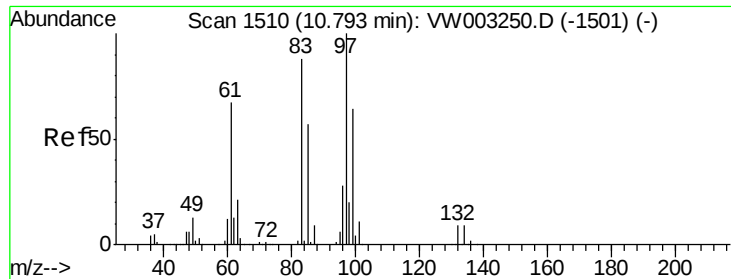
Tgt Ion: 43 Resp: 4621
 Ion Ratio Lower Upper
 43 100
 58 24.6 29.0 43.4#



#52
 Toluene
 Concen: 12.670 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

Tgt Ion: 92 Resp: 73265
 Ion Ratio Lower Upper
 92 100
 91 173.0 141.1 211.7

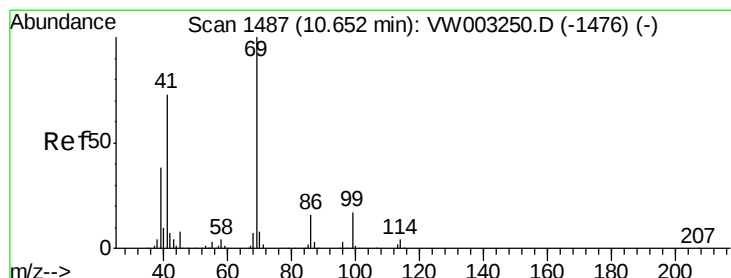
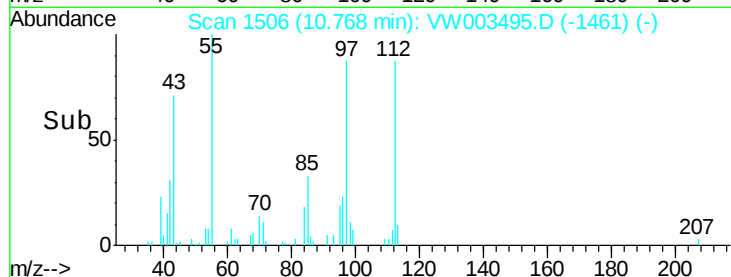
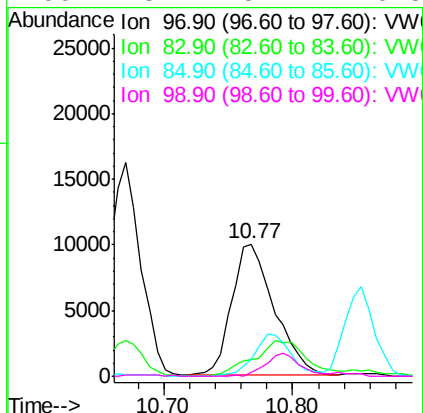
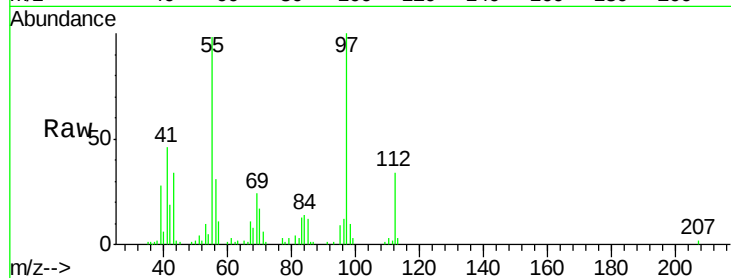




#55
 1,1,2-Trichloroethane
 Concen: 13.917 ug/l
 RT: 10.77 min Scan# 1506
 Delta R.T. -0.02 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

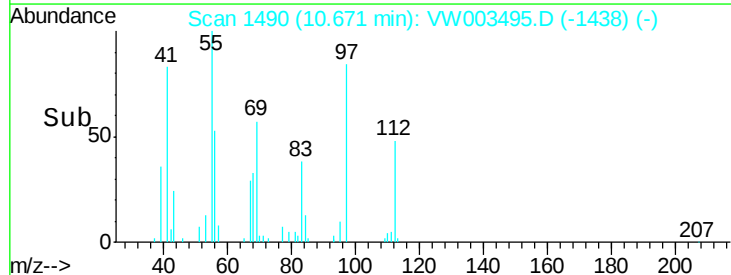
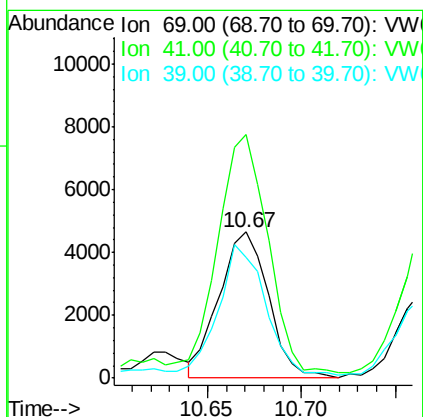
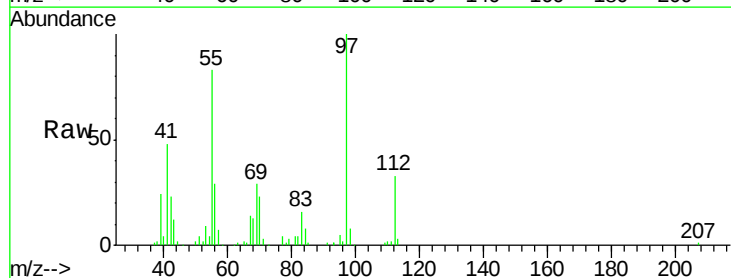
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-27-29-180621

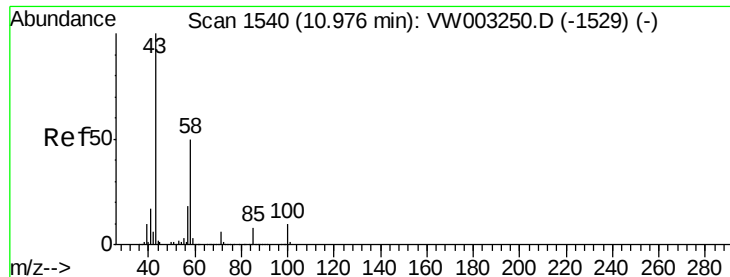
Tgt Ion: 97 Resp: 23052
 Ion Ratio Lower Upper
 97 100
 83 12.6 70.2 105.2#
 85 12.4 45.6 68.4#
 99 3.2 51.2 76.8#



#56
 Ethyl methacrylate
 Concen: 4.201 ug/l
 RT: 10.67 min Scan# 1490
 Delta R.T. 0.02 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

Tgt Ion: 69 Resp: 8449
 Ion Ratio Lower Upper
 69 100
 41 164.7 57.8 86.6#
 39 84.4 32.7 49.1#

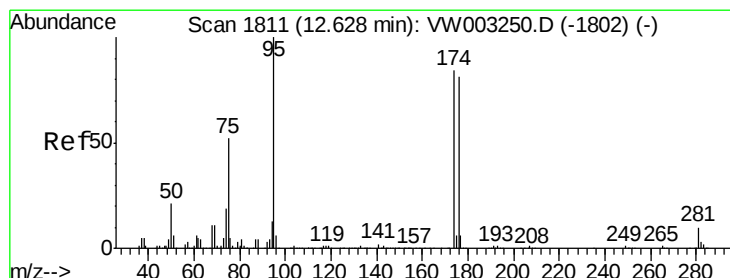
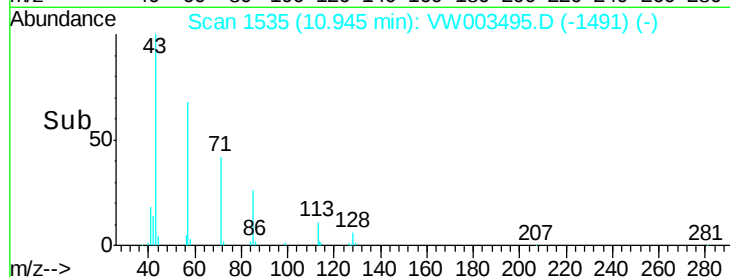
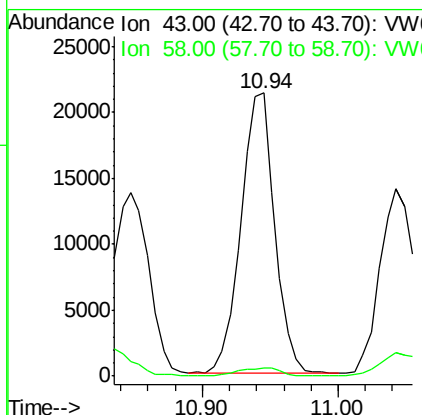
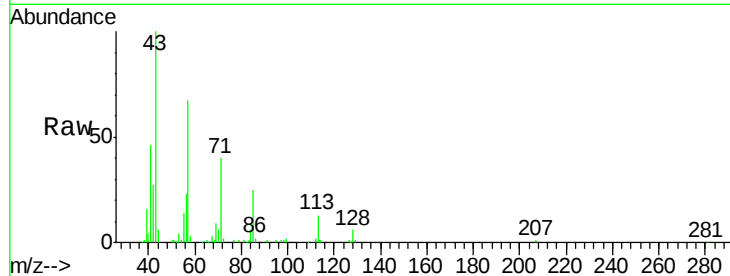




#59
 2-Hexanone
 Concen: 38.427 ug/l
 RT: 10.94 min Scan# 1535
 Delta R.T. -0.03 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

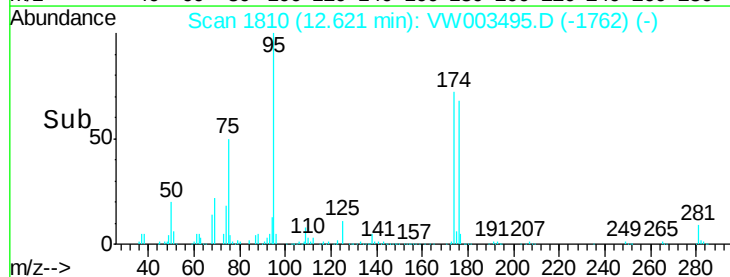
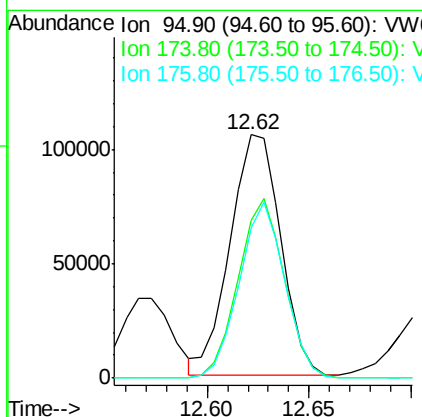
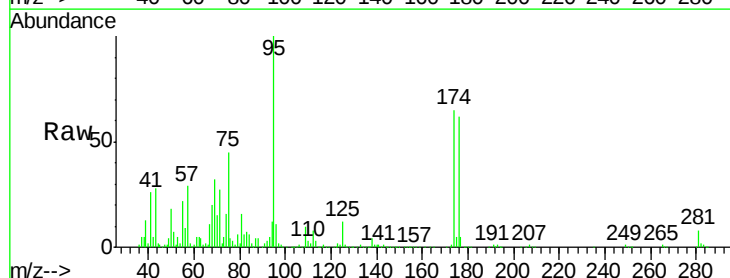
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-27-29-180621

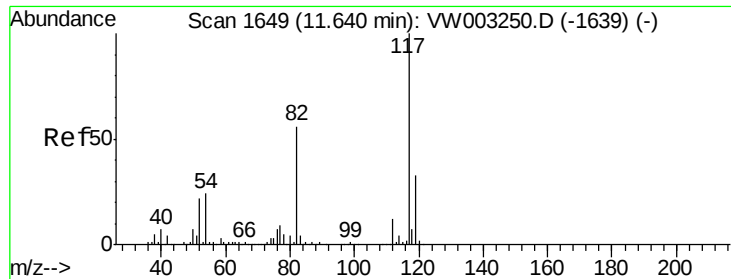
Tgt Ion: 43 Resp: 36810
 Ion Ratio Lower Upper
 43 100
 58 3.5 25.0 75.0#



#62
 4-Bromofluorobenzene
 Concen: 61.192 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

Tgt Ion: 95 Resp: 180736
 Ion Ratio Lower Upper
 95 100
 174 68.4 0.0 166.4
 176 66.0 0.0 162.0

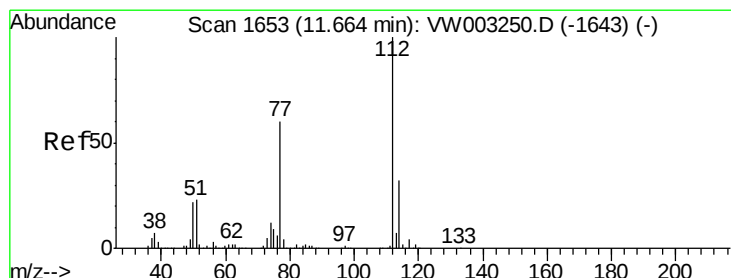
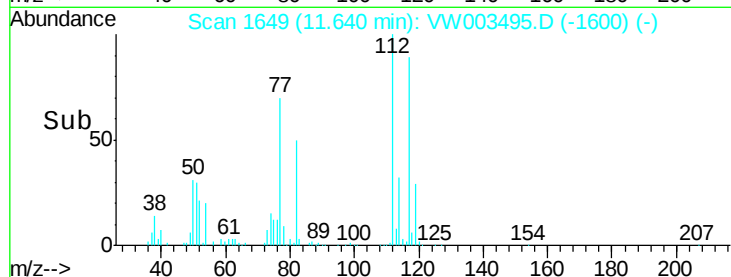
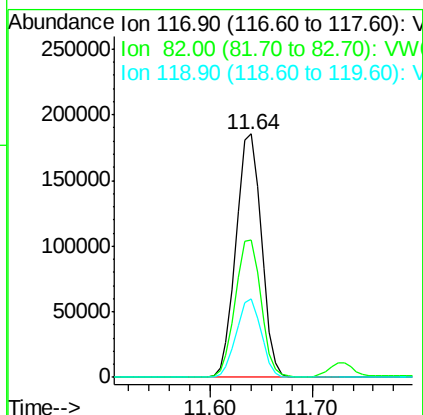
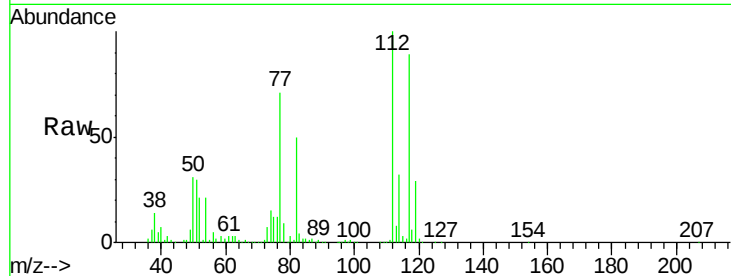




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

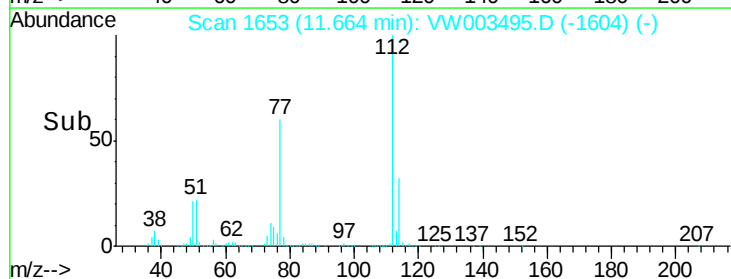
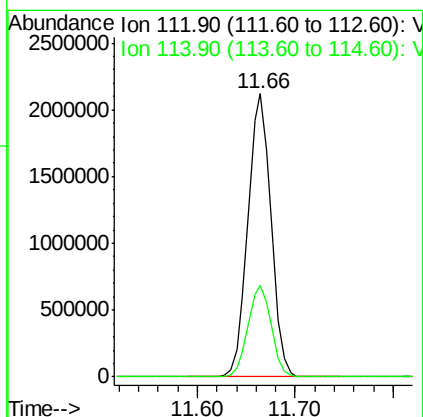
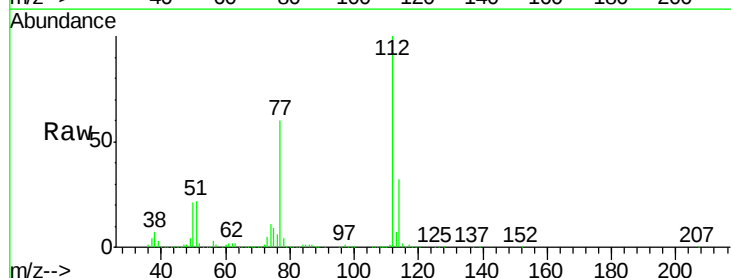
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

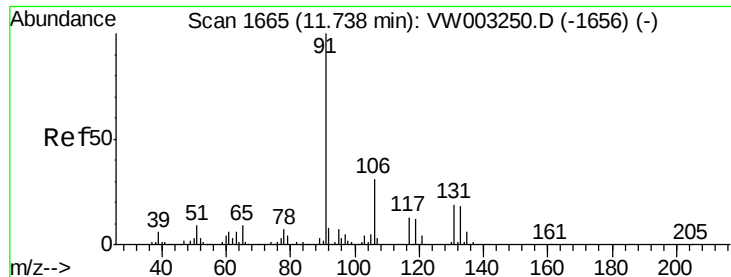
Tgt Ion:117 Resp: 318377
Ion Ratio Lower Upper
117 100
82 56.2 44.6 67.0
119 32.3 26.7 40.1



#65
Chlorobenzene
Concen: 522.924 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion:112 Resp: 3466951
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9

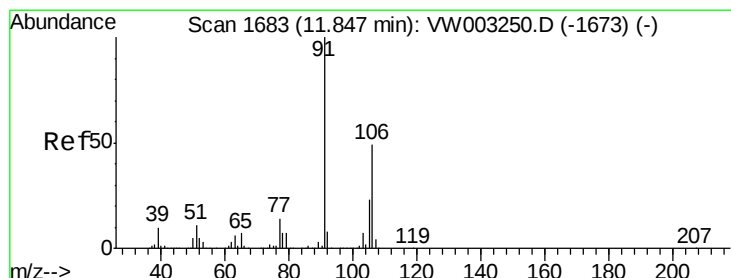
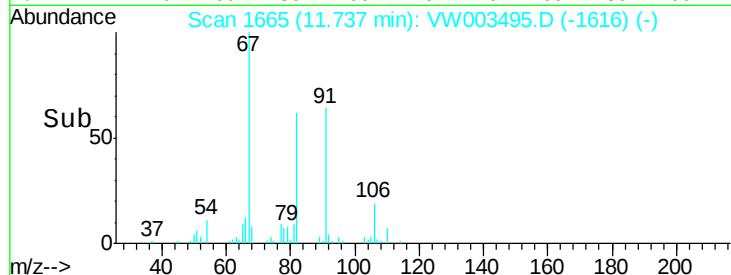
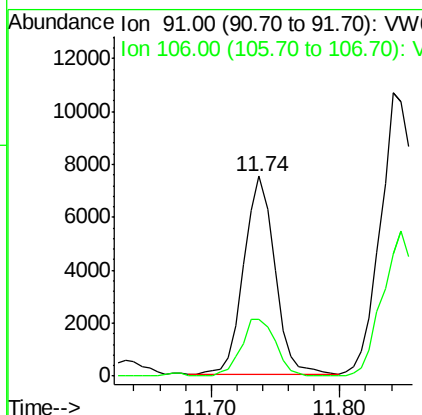
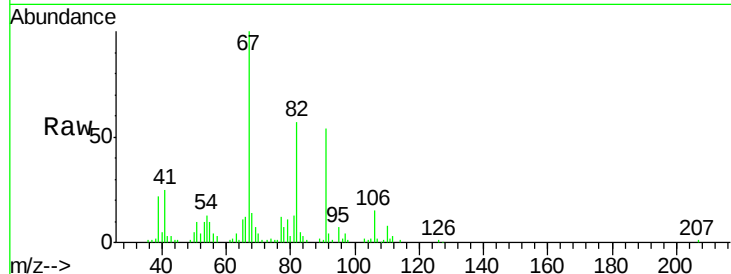




#67
Ethyl Benzene
Concen: 1.070 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

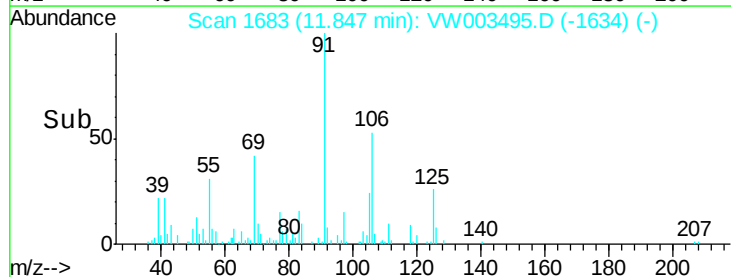
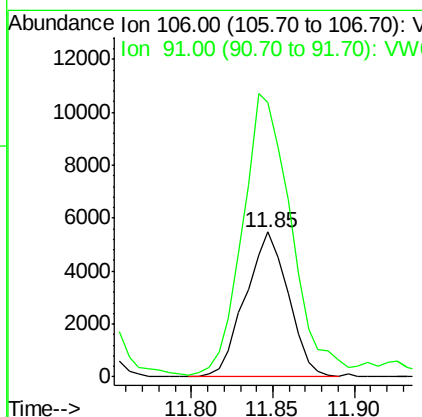
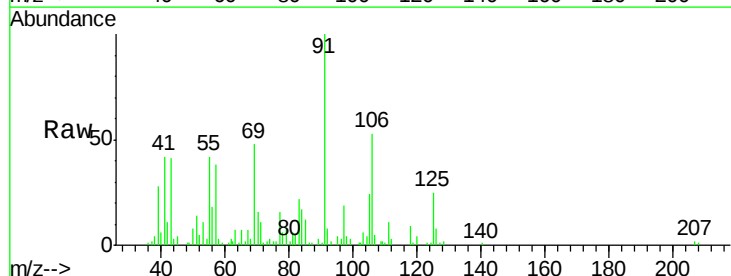
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

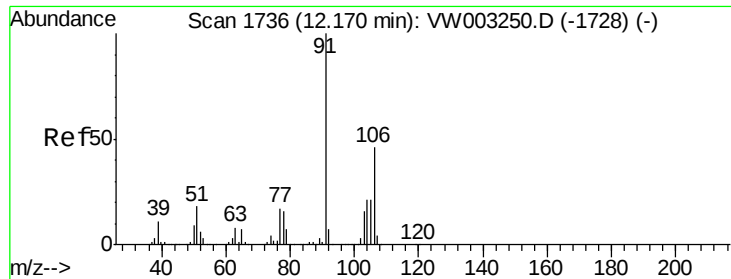
Tgt Ion: 91 Resp: 12578
Ion Ratio Lower Upper
91 100
106 28.8 24.7 37.1



#68
m/p-Xylenes
Concen: 2.243 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion: 106 Resp: 10020
Ion Ratio Lower Upper
106 100
91 218.5 165.4 248.0

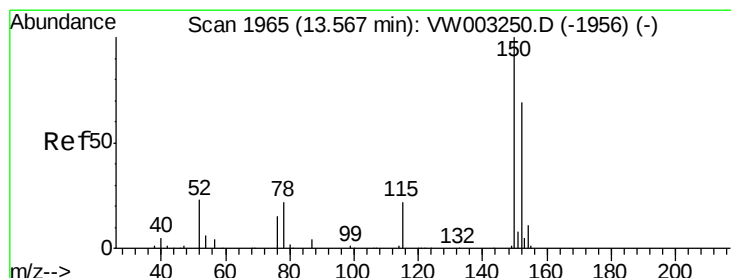
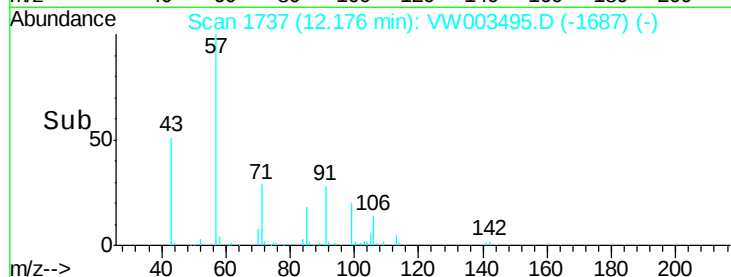
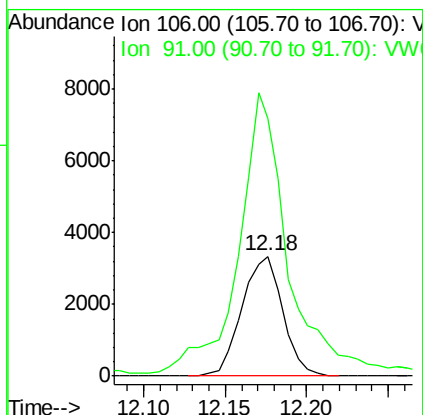
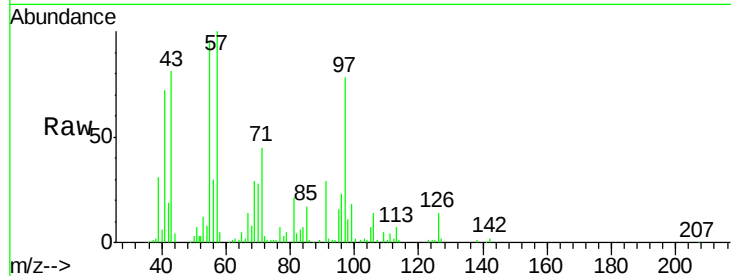




#69
o-Xylene
Concen: 1.397 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

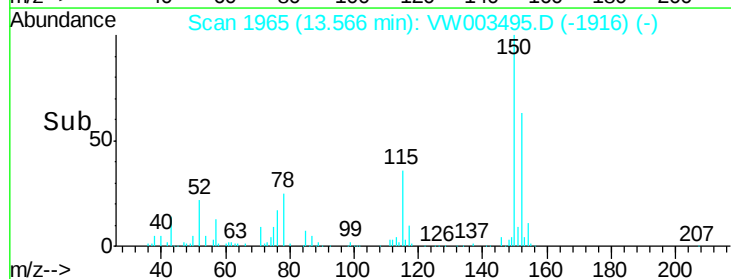
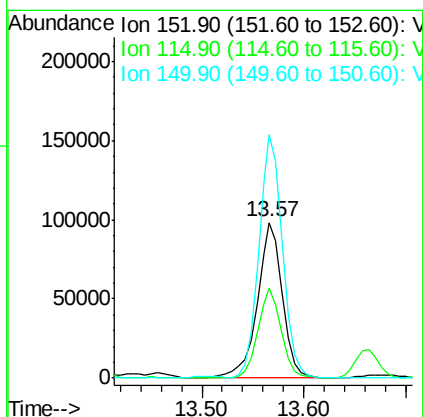
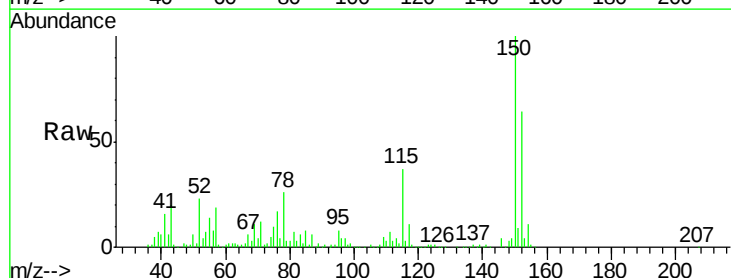
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

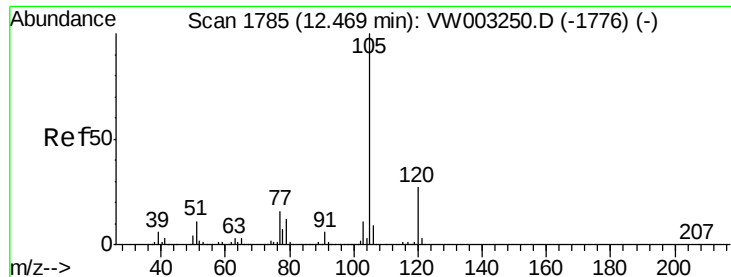
Tgt Ion:106 Resp: 5784
Ion Ratio Lower Upper
106 100
91 286.5 108.6 325.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion:152 Resp: 166702
Ion Ratio Lower Upper
152 100
115 53.7 29.3 88.0
150 148.0 0.0 349.6





#73

Isopropylbenzene

Concen: 13.692 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

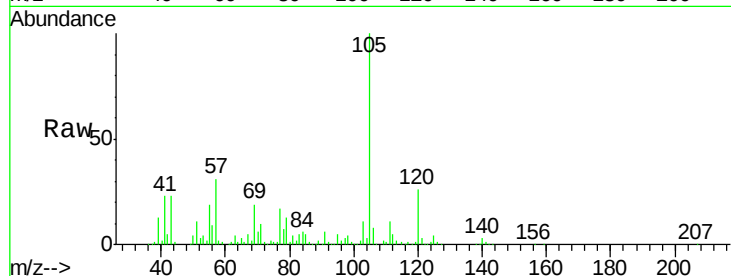
WP021SB477-27-29-180621

Tgt Ion:105 Resp: 158759

Ion Ratio Lower Upper

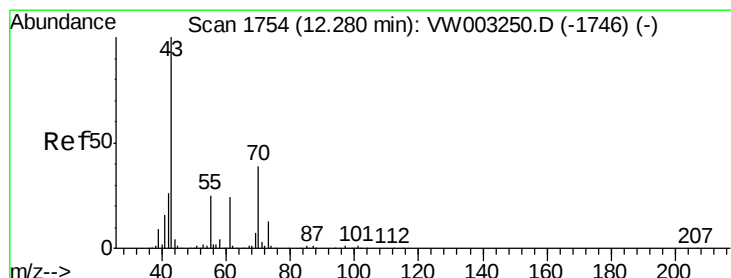
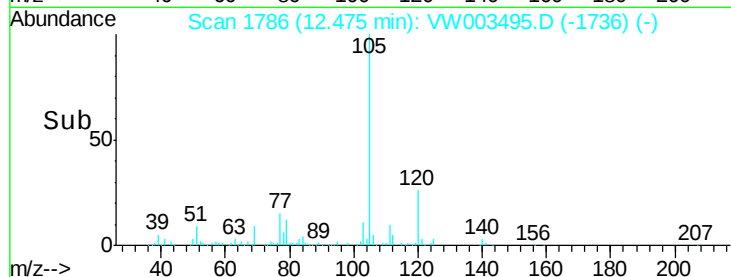
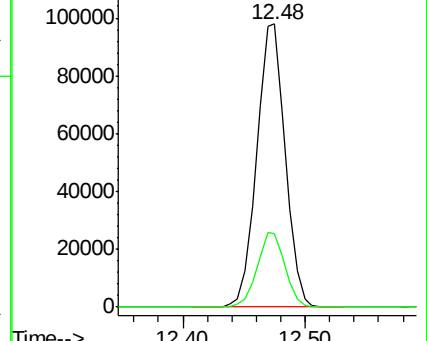
105 100

120 25.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.274 ug/l

RT: 12.26 min Scan# 1751

Delta R.T. -0.02 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Tgt Ion: 43 Resp: 137956

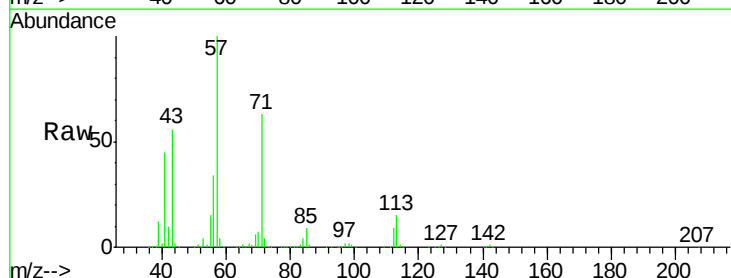
Ion Ratio Lower Upper

43 100

70 10.2 31.0 46.6#

55 0.0 19.7 29.5#

61 0.0 18.1 27.1#

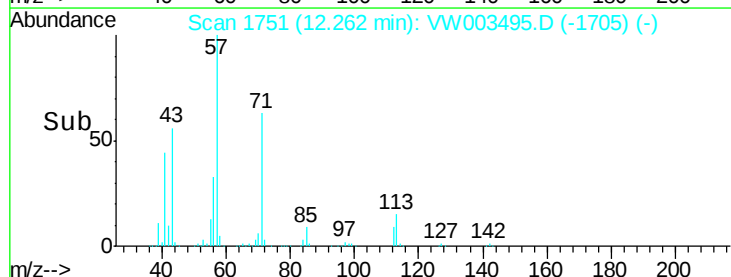
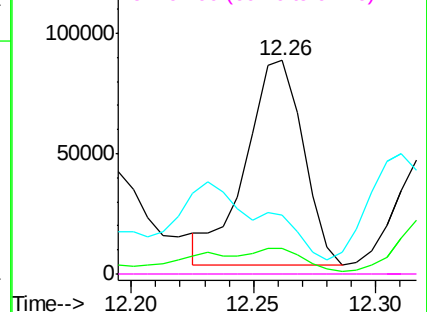


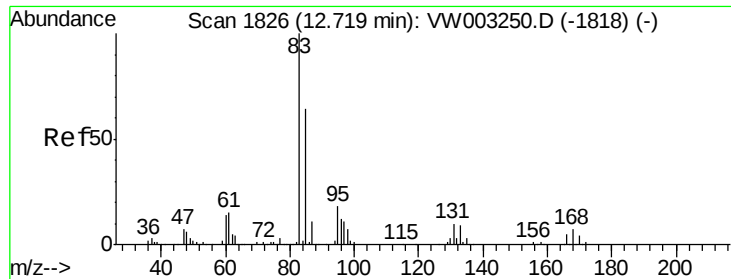
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 5.727 ug/l

RT: 12.69 min Scan# 1822

Delta R.T. -0.02 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-27-29-180621

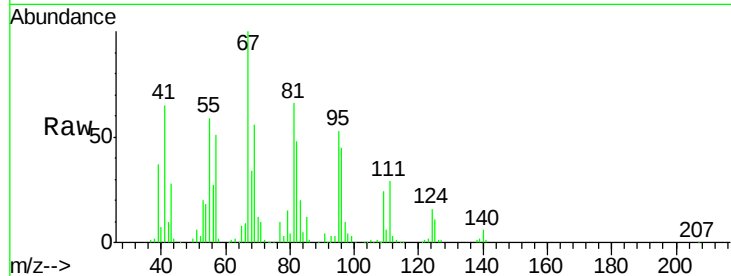
Tgt Ion: 83 Resp: 11235

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

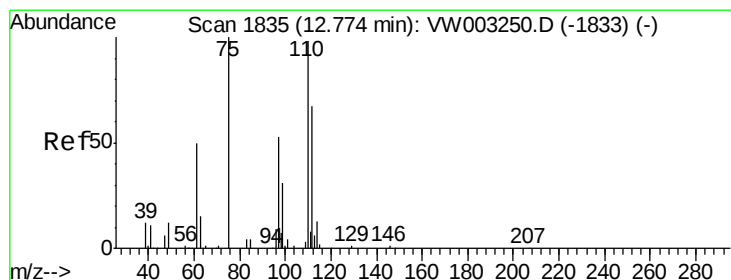
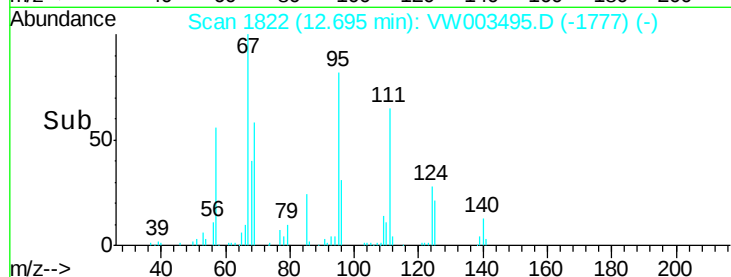
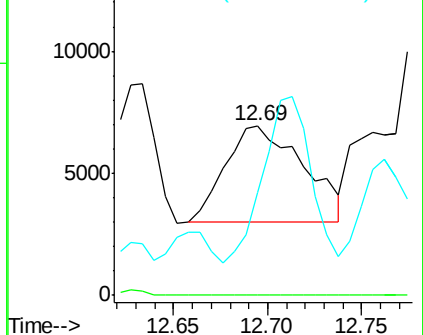
85 128.3 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 56.582 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003495.D

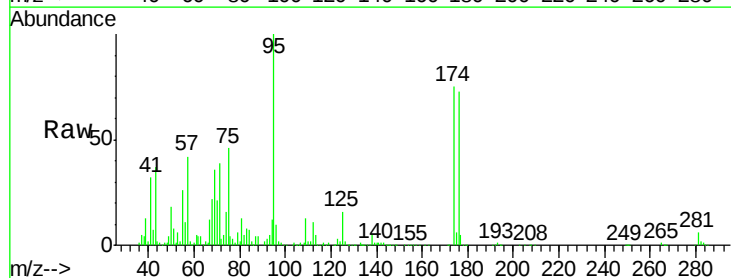
Acq: 24 Jun 2018 07:56

Tgt Ion: 75 Resp: 80636

Ion Ratio Lower Upper

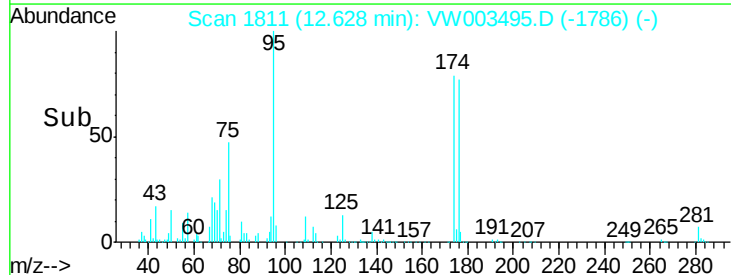
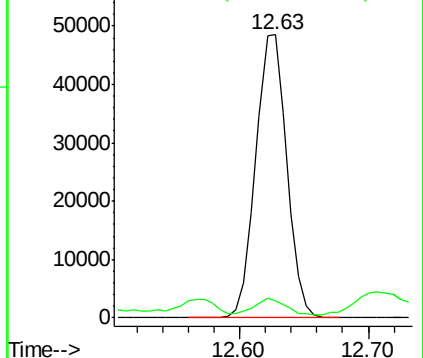
75 100

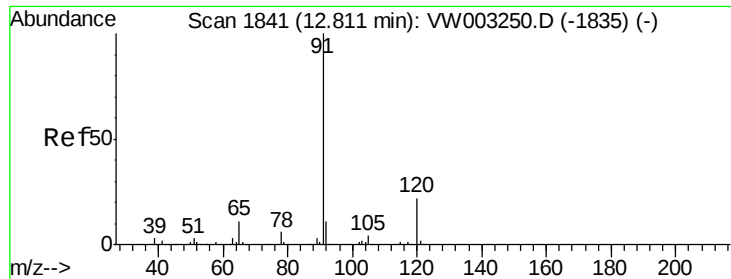
77 5.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

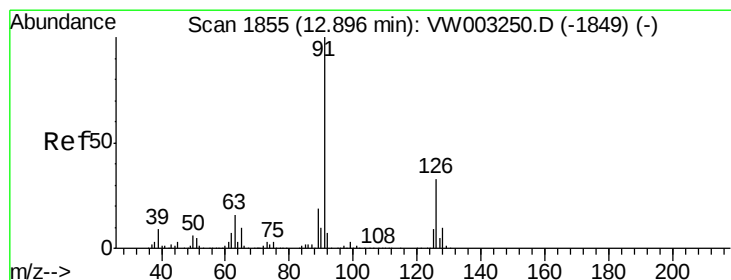
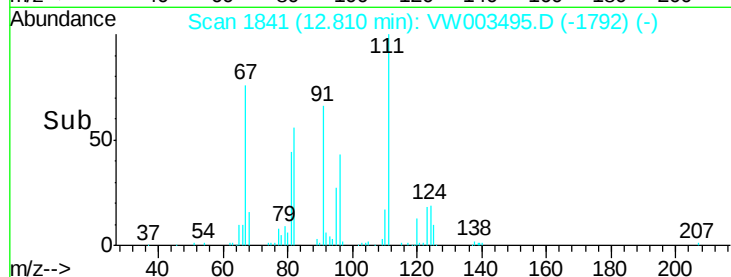
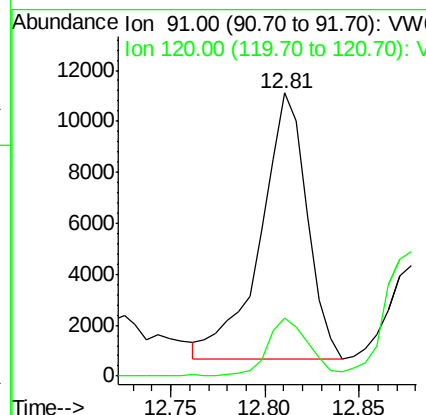
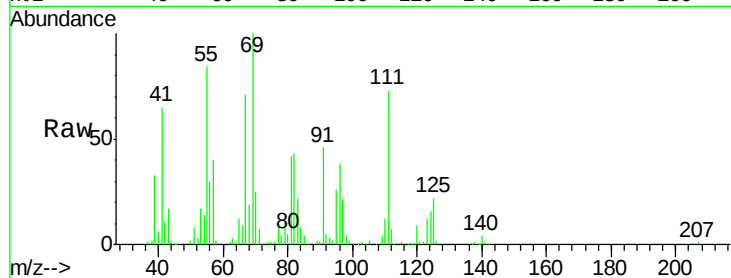




#78
n-propylbenzene
Concen: 1.256 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

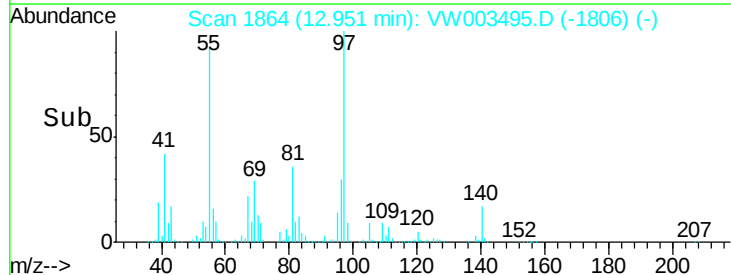
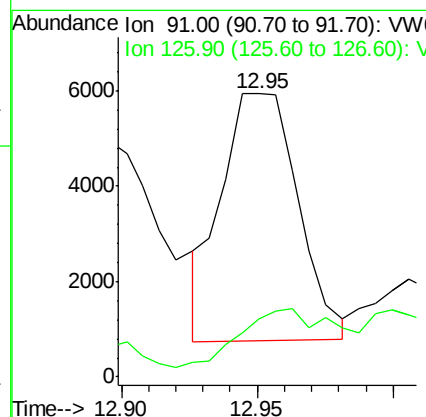
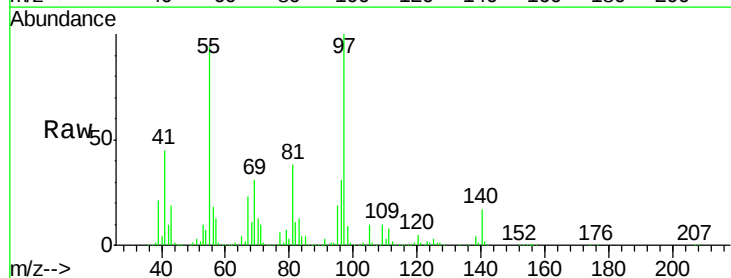
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

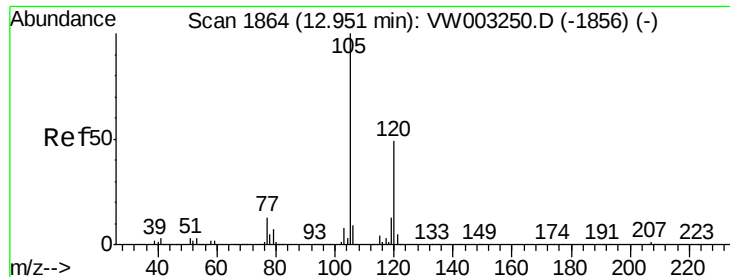
Tgt Ion: 91 Resp: 17831
Ion Ratio Lower Upper
91 100
120 19.4 11.3 33.8



#79
2-Chlorotoluene
Concen: 1.264 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. 0.05 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion: 91 Resp: 10138
Ion Ratio Lower Upper
91 100
126 30.3 16.8 50.4

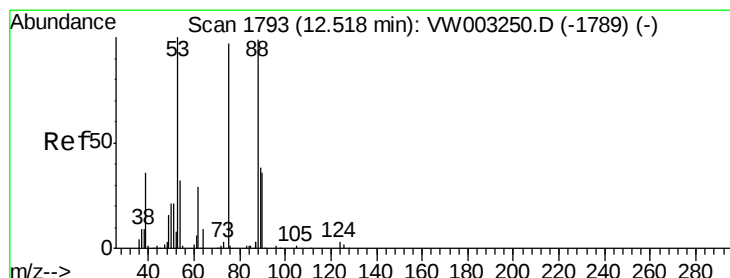
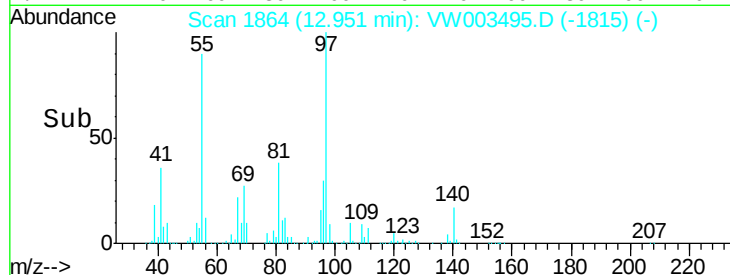
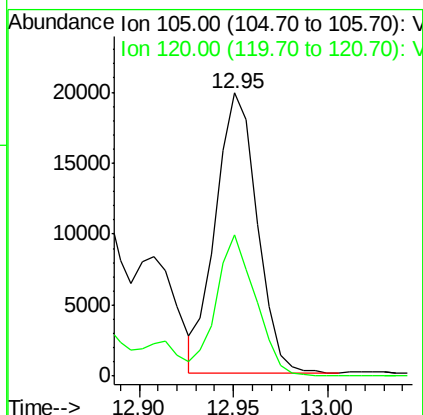
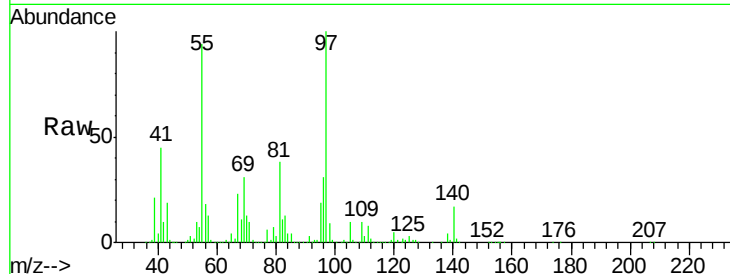




#80
 1,3,5-Trimethylbenzene
 Concen: 3.110 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

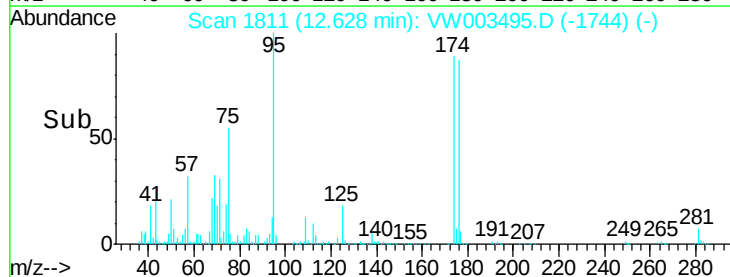
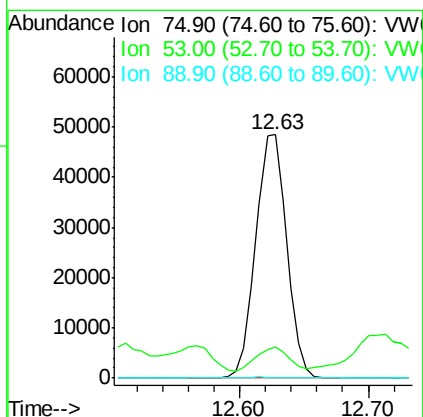
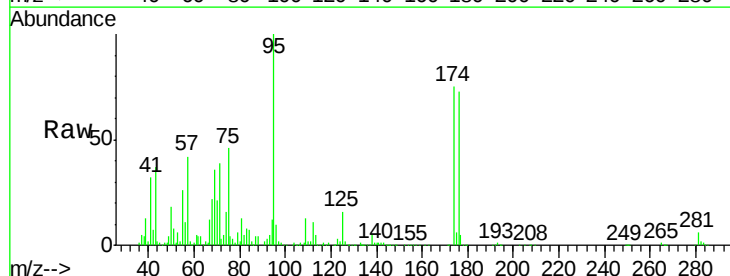
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-27-29-180621

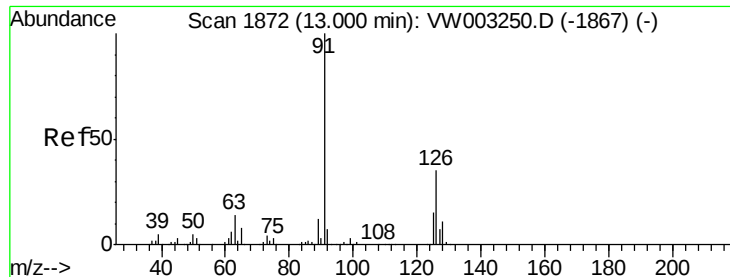
Tgt Ion: 105 Resp: 30271
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.199 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.11 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

Tgt Ion: 75 Resp: 80636
 Ion Ratio Lower Upper
 75 100
 53 10.2 82.9 124.3#
 89 0.3 36.7 55.1#

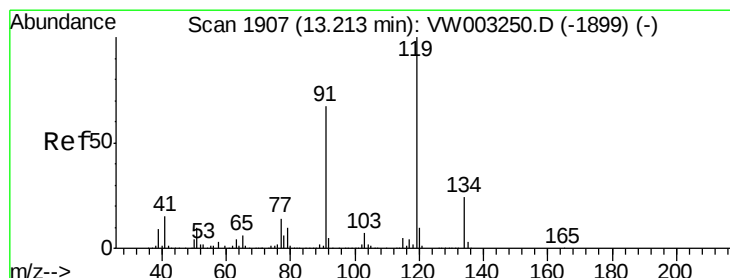
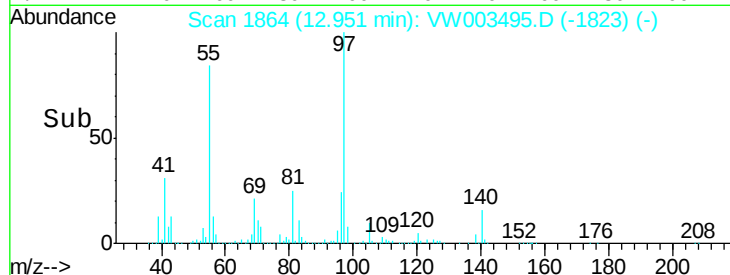
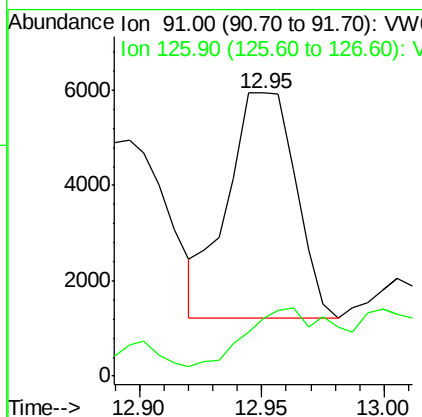
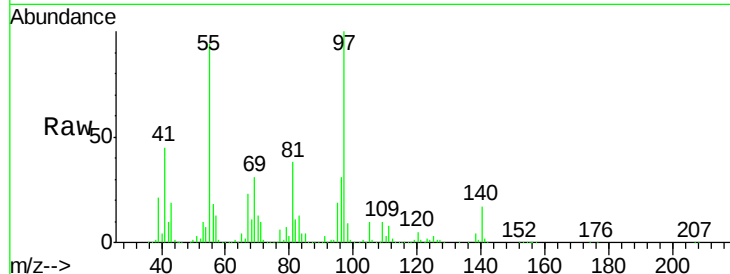




#82
4-Chlorotoluene
Concen: 1.072 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. -0.05 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

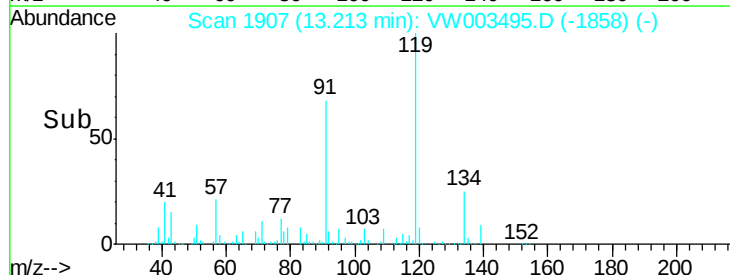
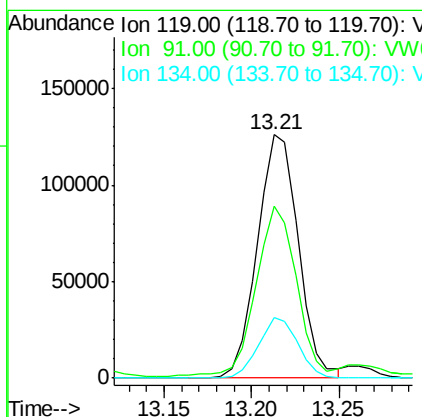
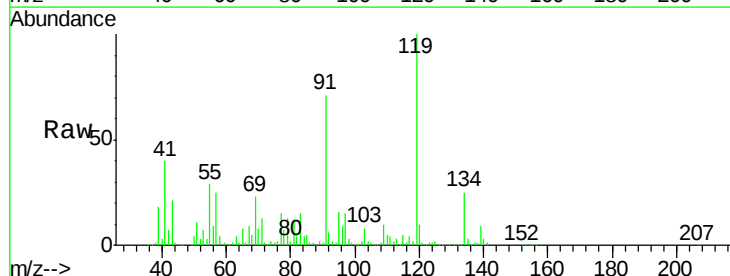
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

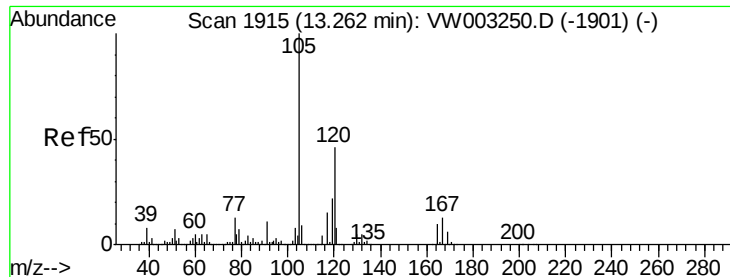
Tgt Ion: 91 Resp: 9122
Ion Ratio Lower Upper
91 100
126 37.5 16.8 50.3



#83
tert-Butylbenzene
Concen: 24.778 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion: 119 Resp: 205510
Ion Ratio Lower Upper
119 100
91 68.2 33.9 101.7
134 23.6 13.4 40.1

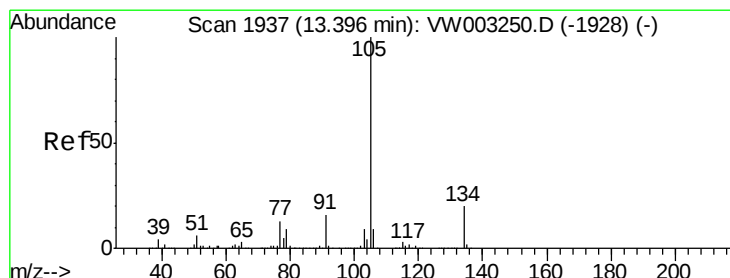
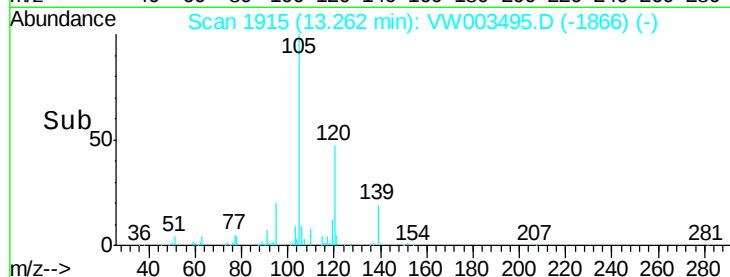
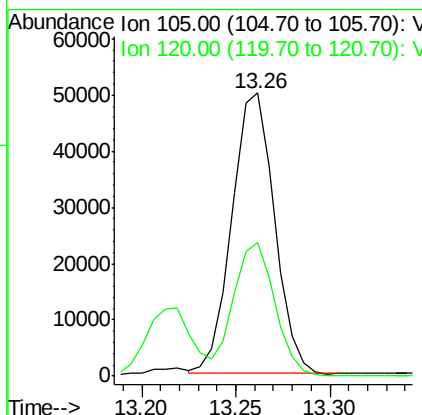
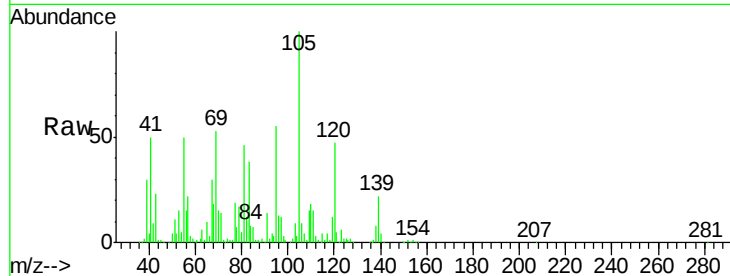




#84
 1,2,4-Trimethylbenzene
 Concen: 7.812 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

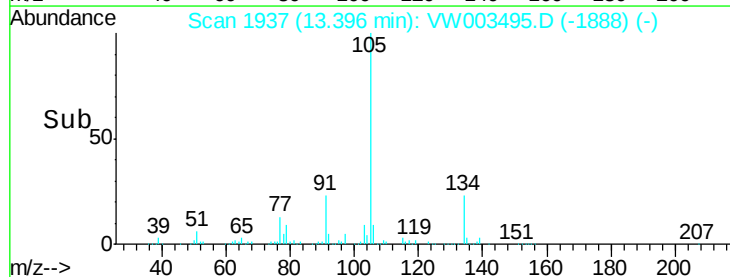
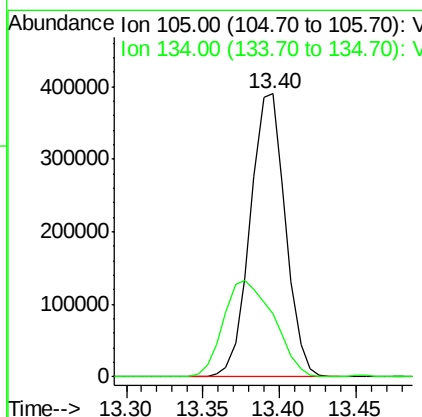
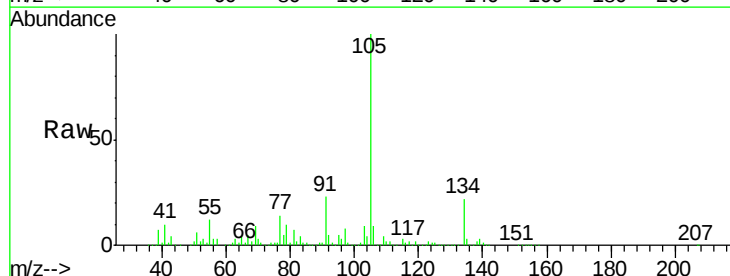
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-27-29-180621

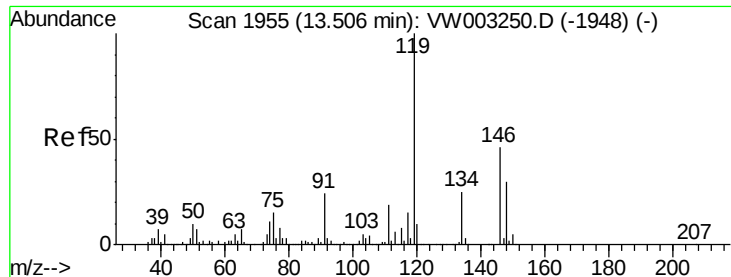
Tgt Ion:105 Resp: 78213
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.5 67.5



#85
 sec-Butylbenzene
 Concen: 50.668 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

Tgt Ion:105 Resp: 624653
 Ion Ratio Lower Upper
 105 100
 134 48.5 9.8 29.5#

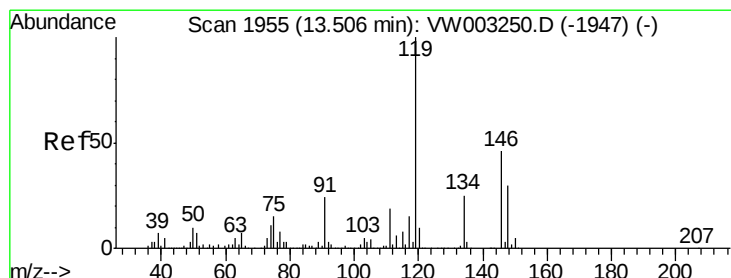
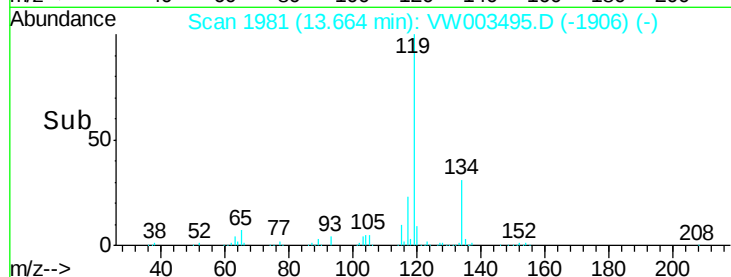
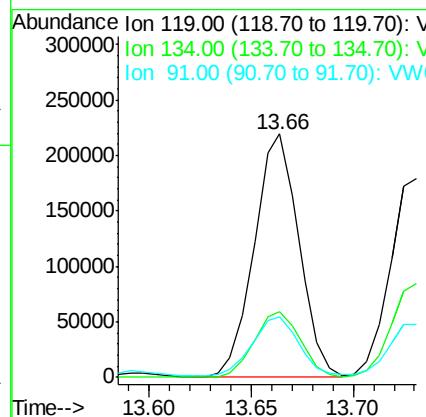
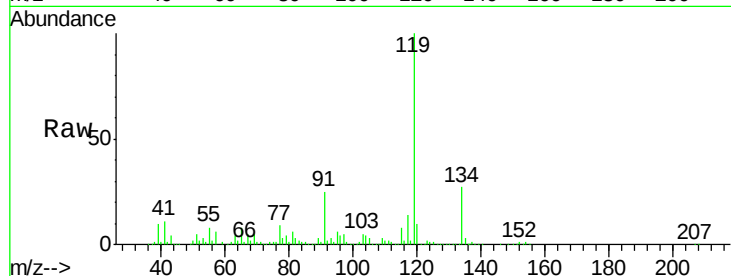




#86
p-Isopropyltoluene
Concen: 30.663 ug/l
RT: 13.66 min Scan# 1981
Delta R.T. 0.16 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

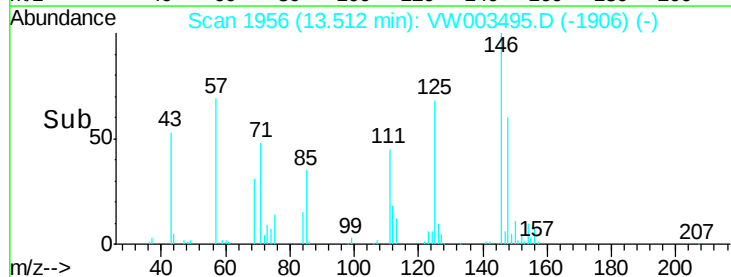
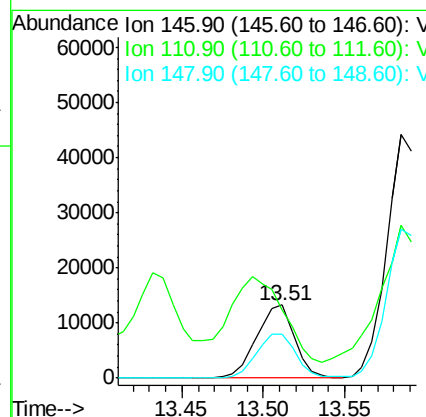
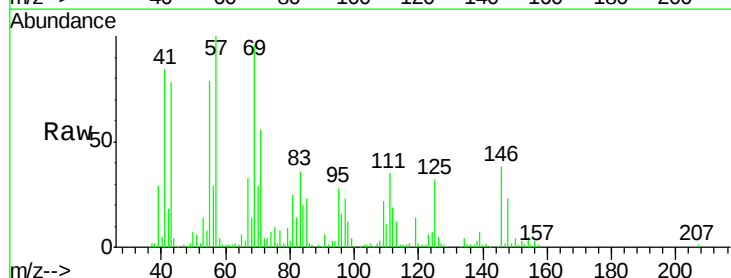
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

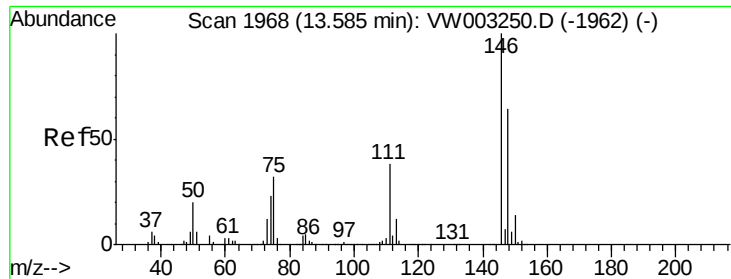
Tgt Ion:119 Resp: 333415
Ion Ratio Lower Upper
119 100
134 28.0 12.9 38.7
91 25.3 11.8 35.3



#87
1,3-Dichlorobenzene
Concen: 3.915 ug/l
RT: 13.51 min Scan# 1956
Delta R.T. 0.01 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion:146 Resp: 21715
Ion Ratio Lower Upper
146 100
111 163.9 19.8 59.4#
148 62.5 32.1 96.5

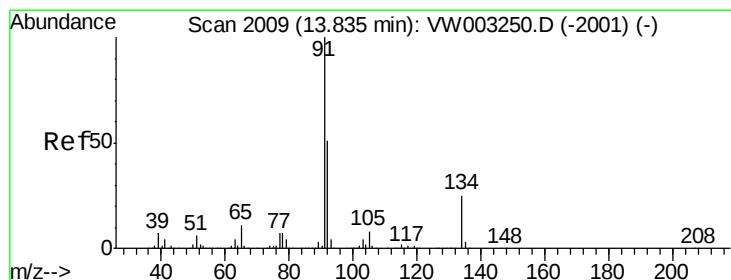
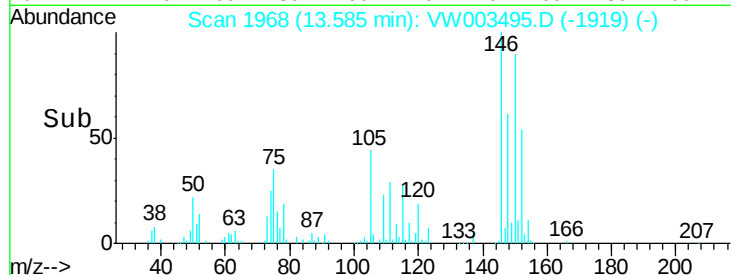
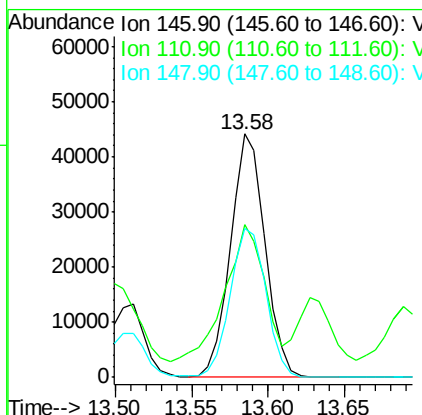
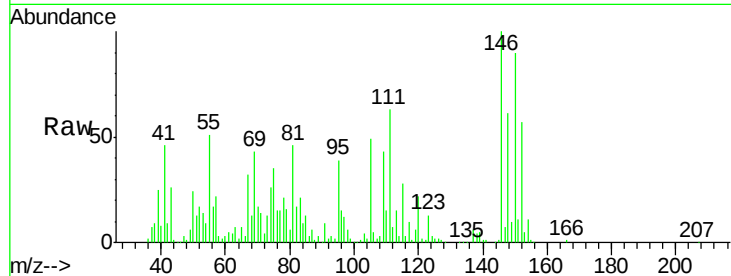




#88
 1,4-Dichlorobenzene
 Concen: 12.483 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

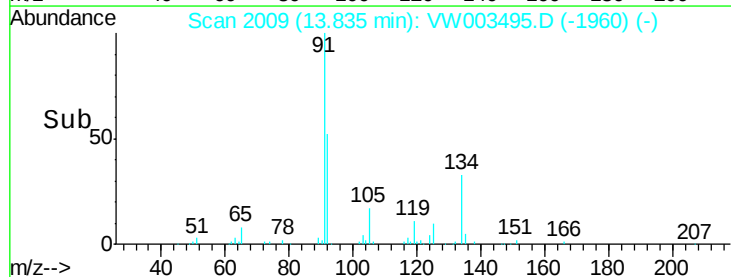
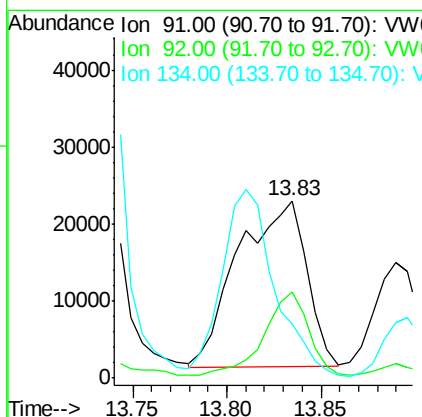
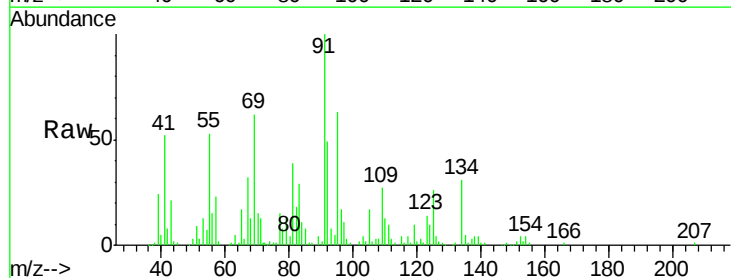
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-27-29-180621

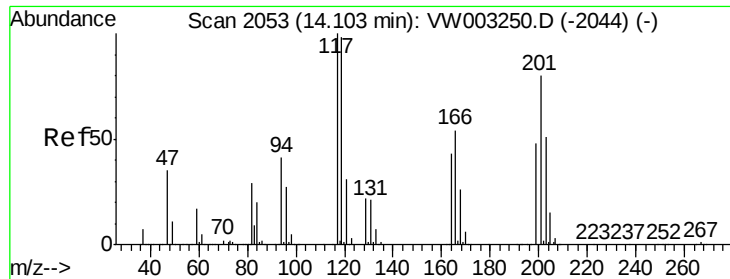
Tgt Ion:146 Resp: 68840
 Ion Ratio Lower Upper
 146 100
 111 65.9 19.2 57.6#
 148 63.7 31.8 95.4



#89
 n-Butylbenzene
 Concen: 5.127 ug/l
 RT: 13.83 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

Tgt Ion: 91 Resp: 54342
 Ion Ratio Lower Upper
 91 100
 92 33.8 26.0 78.0
 134 0.0 12.7 38.0#





#90

Hexachloroethane

Concen: 120.565 ug/l

RT: 14.22 min Scan# 2072

Delta R.T. 0.12 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

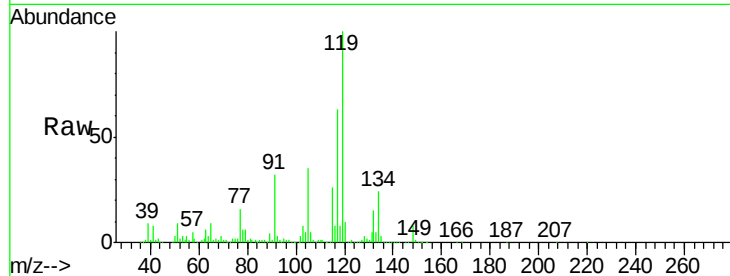
WP021SB477-27-29-180621

Tgt Ion:117 Resp: 237153

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

14.22

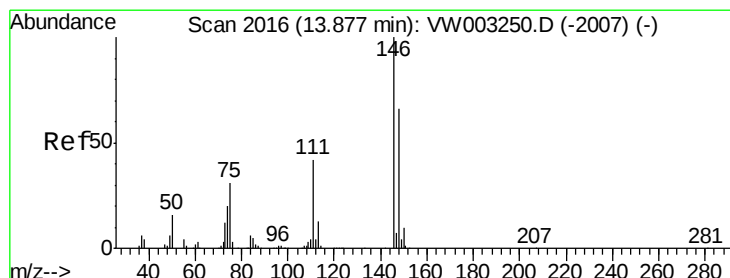
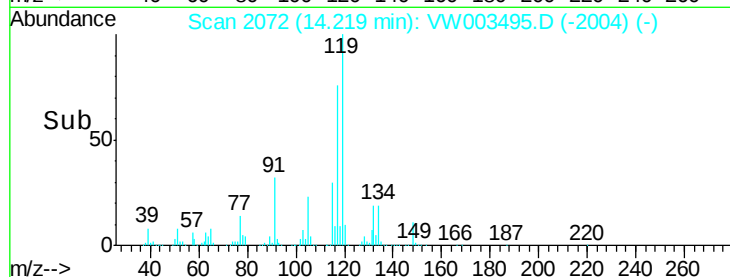
150000

100000

50000

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 19.191 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

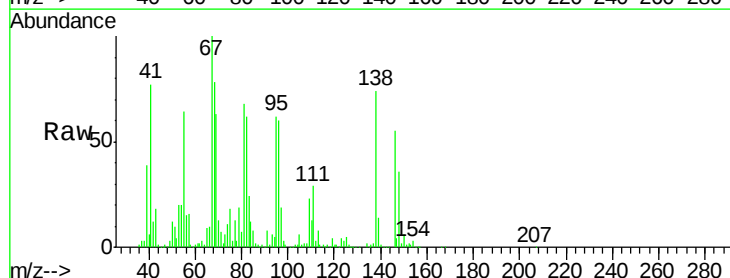
Tgt Ion:146 Resp: 93252

Ion Ratio Lower Upper

146 100

111 62.6 20.3 61.0#

148 62.1 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

13.88

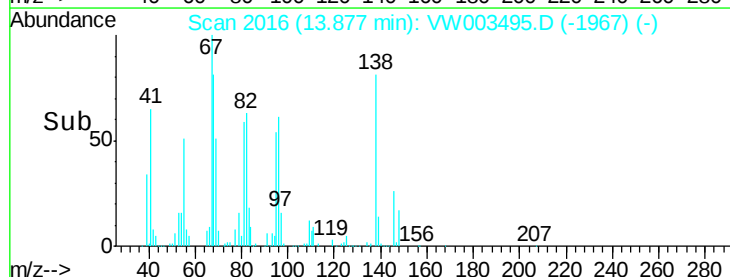
60000

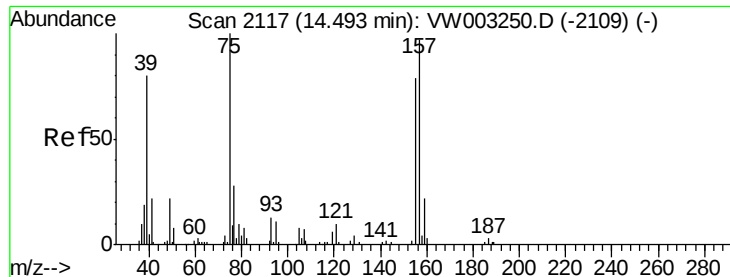
40000

20000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.208 ug/l

RT: 14.51 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-27-29-180621

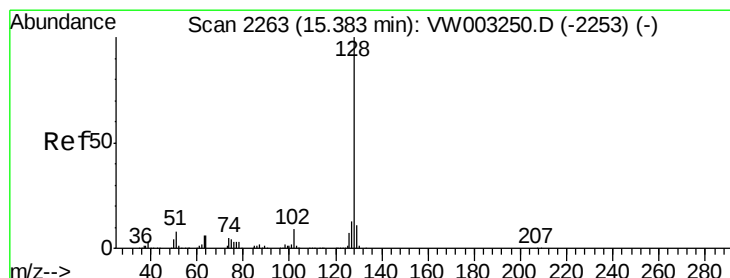
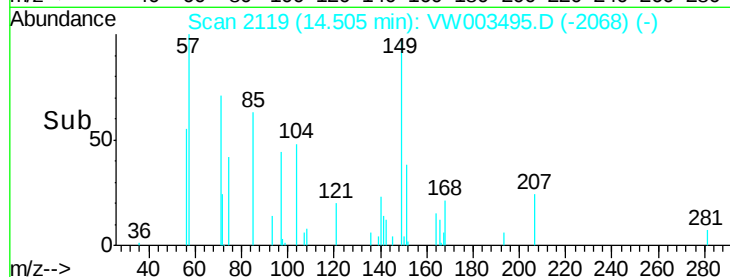
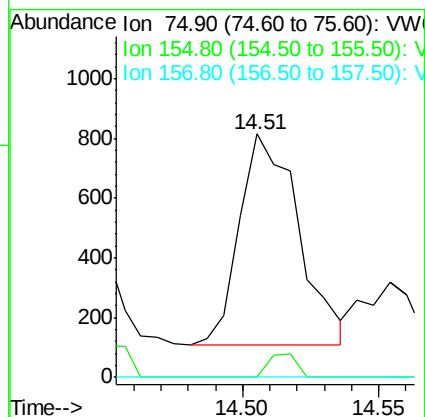
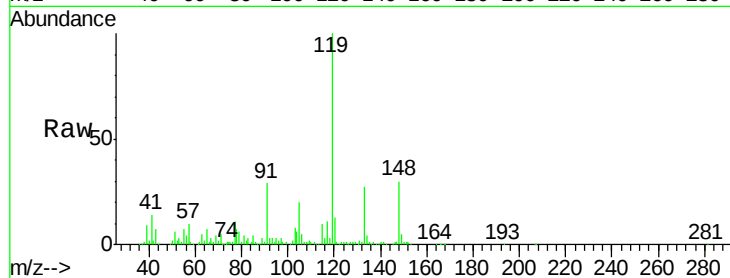
Tgt Ion: 75 Resp: 1059

Ion Ratio Lower Upper

75 100

155 5.3 39.4 118.2#

157 0.0 51.5 154.5#



#95

Naphthalene

Concen: 5.101 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Tgt Ion: 128 Resp: 29514

Ion Ratio Lower Upper

128 100

127 14.6 10.5 15.7

129 10.6 8.9 13.3

