

Data File : VW003511.D
Acq On : 24 Jun 2018 15:30
Operator : SY/AP
Sample : J3669-13
Misc : 5.74G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-29-31-180620

Quant Time: Jun 24 23:26:57 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	189690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	320207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	146948	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	114730	55.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.68%	
35) Dibromofluoromethane	7.88	113	99838	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.33	98	365177	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
62) 4-Bromofluorobenzene	12.62	95	147453	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	

Target Compounds

						Qvalue
4) Vinyl Chloride	2.36	62	932611	441.519	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52211	29.713	ug/l	97
11) Tert butyl alcohol	5.23	59	2516	22.833	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	608917	354.608	ug/l	98
14) Allyl chloride	4.92	41	27921	9.387	ug/l #	19
16) Acetone	4.14	43	109399	253.874	ug/l	94
20) Methylene Chloride	4.91	84	793848	464.073	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	32497	17.389	ug/l	98
24) 1,1-Dichloroethane	6.21	63	31755	8.936	ug/l	96
25) 2-Butanone	7.18	43	157620	294.157	ug/l #	1
27) cis-1,2-Dichloroethene	7.17	96	23173826	11288.005	ug/l #	17
28) Bromochloromethane	7.68	49	8800	5.951	ug/l #	15
29) Tetrahydrofuran	7.55	42	1679	5.127	ug/l #	56
30) Chloroform	7.68	83	106539	29.426	ug/l	97
31) Cyclohexane	7.95	56	7638	2.301	ug/l #	28
37) Ethyl Acetate	7.18	43	157620	123.035	ug/l #	1
39) Methylcyclohexane	9.09	83	588563	164.490	ug/l #	1
40) Benzene	8.33	78	56657	6.647	ug/l	99
42) 1,2-Dichloroethane	8.40	62	33163	12.418	ug/l	97
45) 1,2-Dichloropropane	9.09	63	198575	91.496	ug/l #	1
49) 1,4-Dioxane	9.49	88	1254	74.745	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	386810	298.421	ug/l	100
52) Toluene	10.40	92	6297825	1152.170	ug/l	94
53) t-1,3-Dichloropropene	10.40	75	78619	27.022	ug/l #	1
55) 1,1,2-Trichloroethane	10.79	97	58339	37.259	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	951	1.116	ug/l	91
59) 2-Hexanone	10.84	43	12657	13.978	ug/l	73
60) Dibromochloromethane	10.87	129	26757	14.370	ug/l #	10
64) Tetrachloroethene	10.87	164	29924	15.281	ug/l	96
65) Chlorobenzene	11.66	112	336431	55.182	ug/l	99
67) Ethyl Benzene	11.74	91	89029	8.238	ug/l	100
68) m/p-Xylenes	11.84	106	122328	29.776	ug/l	100
69) o-Xylene	12.17	106	73163	19.216	ug/l	100
70) Styrene	12.19	104	10179	1.606	ug/l #	1

Data File : VW003511.D
Acq On : 24 Jun 2018 15:30
Operator : SY/AP
Sample : J3669-13
Misc : 5.74G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-29-31-180620

Quant Time: Jun 24 23:26:57 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)
73) Isopropylbenzene	12.47	105	29251	2.862	ug/l	97
74) N-amyl acetate	12.26	43	9568	4.113	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.71	83	57271	33.121	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	76009	60.505	ug/l #	100
77) Bromobenzene	12.95	156	86239	36.230	ug/l #	1
78) n-propylbenzene	12.81	91	41226	3.294	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	96728	11.275	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	76009	139.226	ug/l #	9
83) tert-Butylbenzene	13.22	119	9729	1.331	ug/l	76
84) 1,2,4-Trimethylbenzene	13.26	105	259123	29.362	ug/l	99
85) sec-Butylbenzene	13.39	105	17227	1.585	ug/l #	44
86) p-Isopropyltoluene	13.51	119	12022	1.254	ug/l	91
87) 1,3-Dichlorobenzene	13.51	146	109246	22.341	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	434116	89.301	ug/l	100
89) n-Butylbenzene	13.84	91	9390	1.005	ug/l #	72
91) 1,2-Dichlorobenzene	13.88	146	2401228	560.591	ug/l	99
93) 1,2,4-Trichlorobenzene	15.15	180	4437	1.476	ug/l #	81
95) Naphthalene	15.38	128	193375	37.911	ug/l	99

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

Data File : VW003511.D

Acq On : 24 Jun 2018 15:30

Operator : SY/AP

Sample : J3669-13

Misc : 5.74G/5ML/MSVOA W/SOIL

```
ALS Vial      : 11      Sample Multiplier: 1
```

Instrument :
MSVOA_W

ClientSampleId :
WP021SB483-29-31-180620

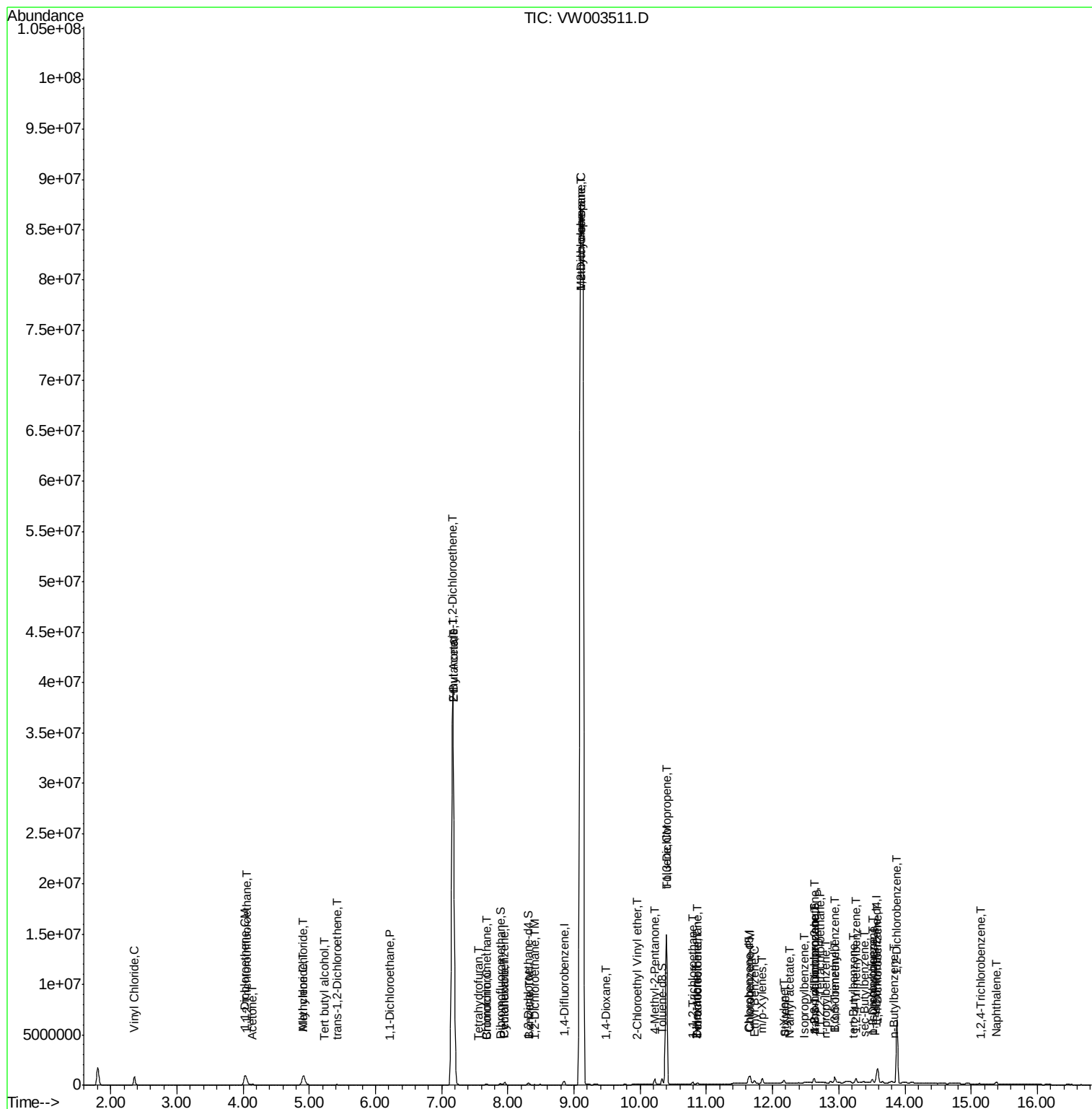
Quant Time: Jun 24 23:26:57 2018

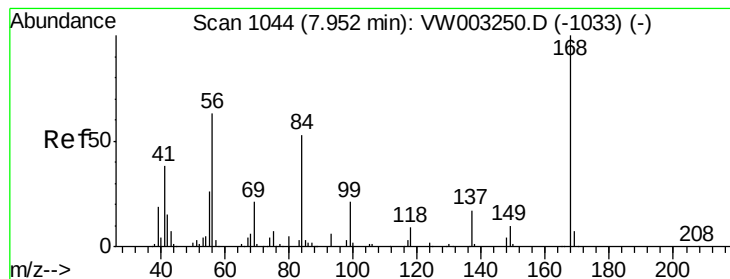
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W061318S.M

Quant Title : SW846 8260

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

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

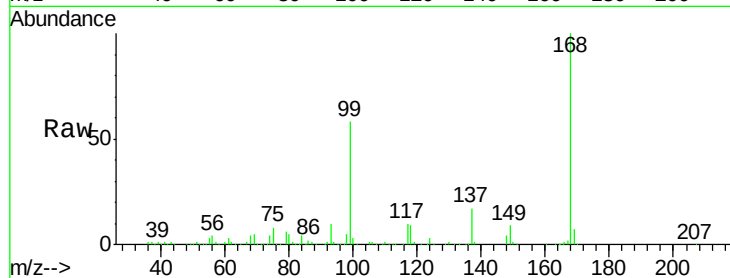
WP021SB483-29-31-180620

Tgt Ion: 168 Resp: 189690

Ion Ratio Lower Upper

168 100

99 58.2 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

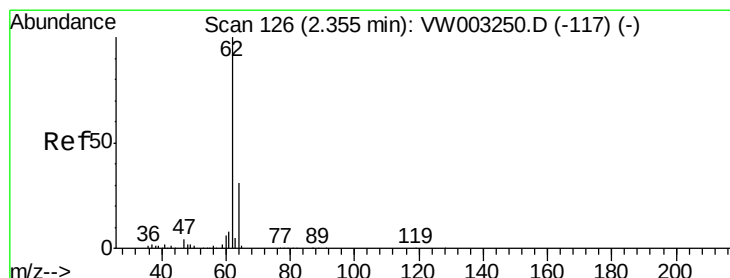
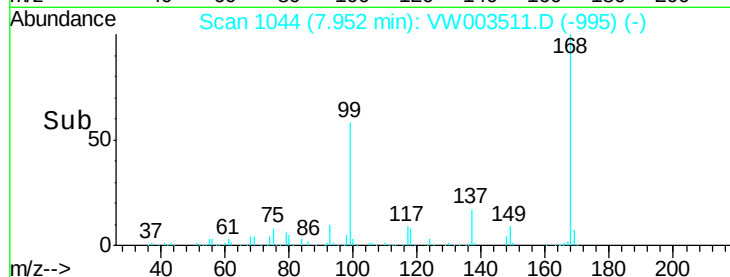
40000

20000

0

7.90 8.00 8.10

Time-->



#4

Vinyl Chloride

Concen: 441.519 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003511.D

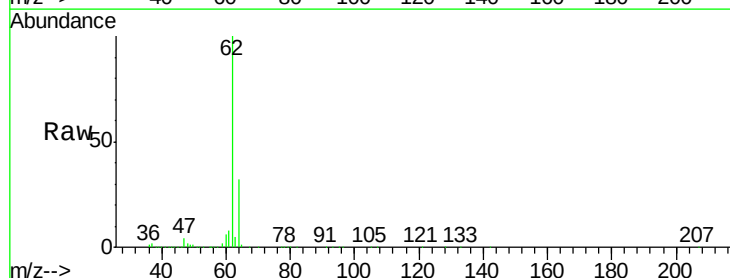
Acq: 24 Jun 2018 15:30

Tgt Ion: 62 Resp: 932611

Ion Ratio Lower Upper

62 100

64 32.2 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

500000

400000

300000

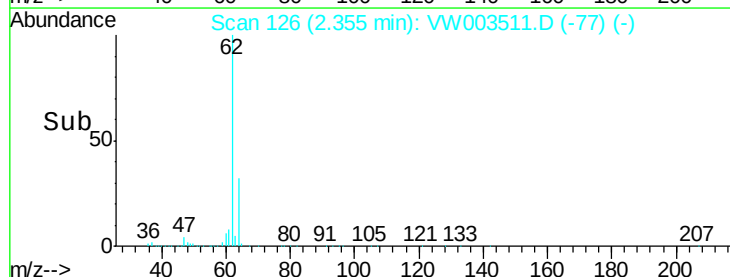
200000

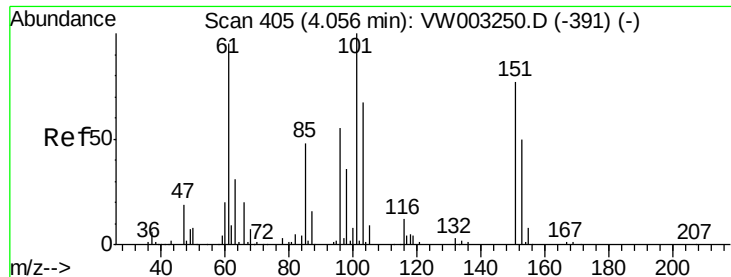
100000

0

2.20 2.30 2.40 2.50 2.60

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 29.713 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-29-31-180620

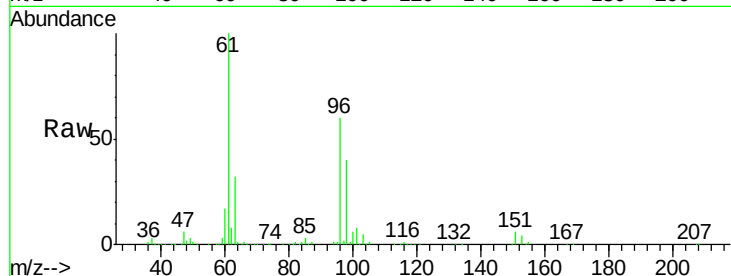
Tgt Ion:101 Resp: 52211

Ion Ratio Lower Upper

101 100

85 43.4 37.0 55.6

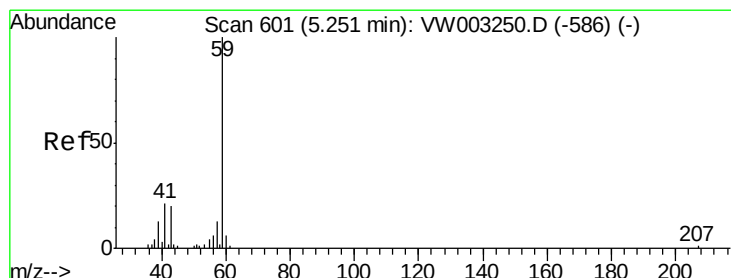
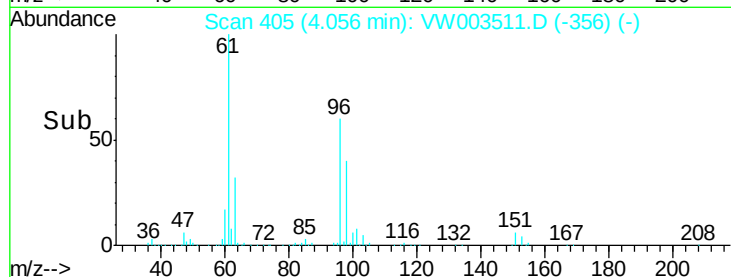
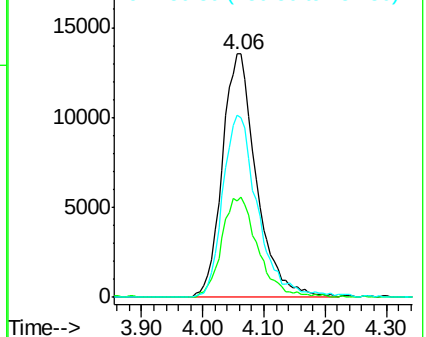
151 76.6 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 22.833 ug/l

RT: 5.23 min Scan# 597

Delta R.T. -0.02 min

Lab File: VW003511.D

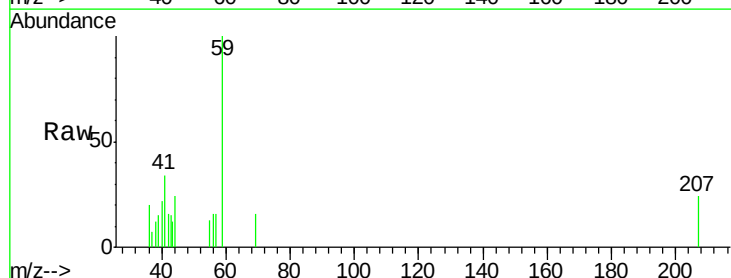
Acq: 24 Jun 2018 15:30

Tgt Ion: 59 Resp: 2516

Ion Ratio Lower Upper

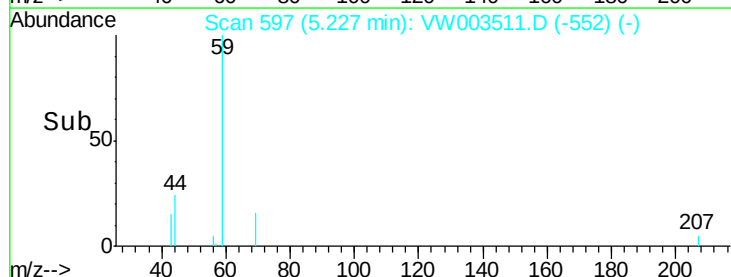
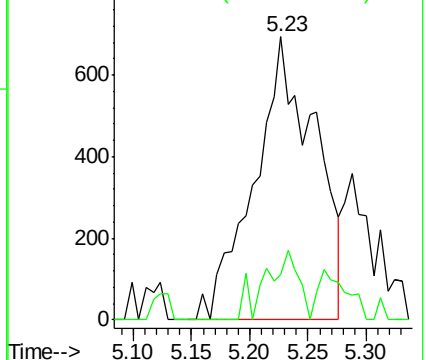
59 100

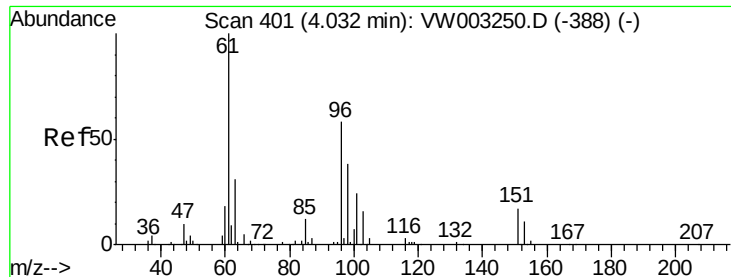
57 11.6 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

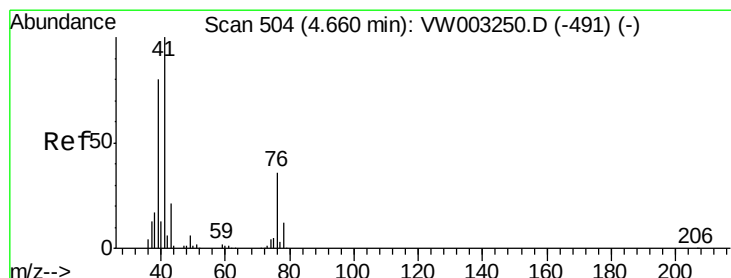
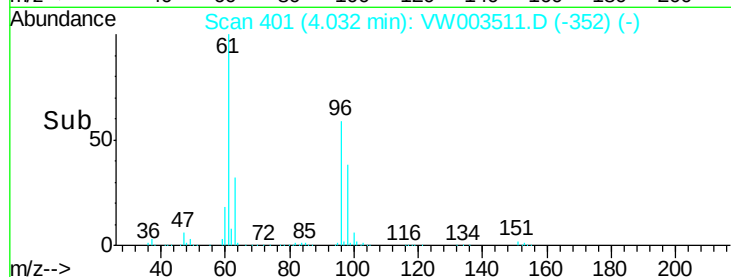
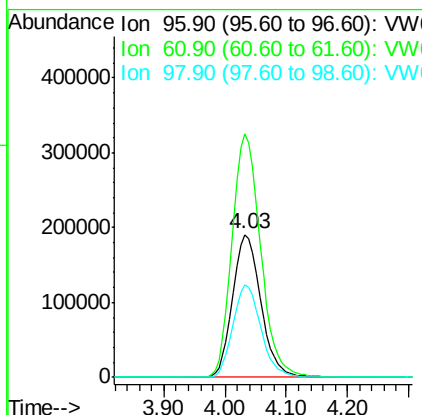
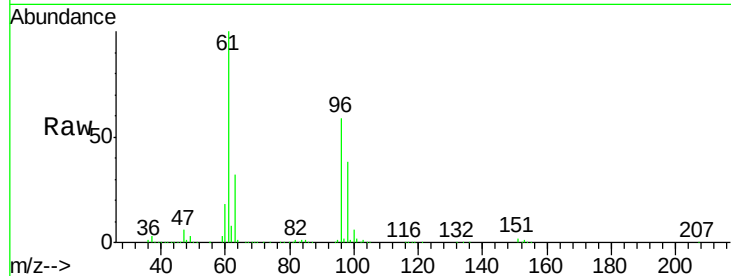




#12
 1,1-Dichloroethene
 Concen: 354.608 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

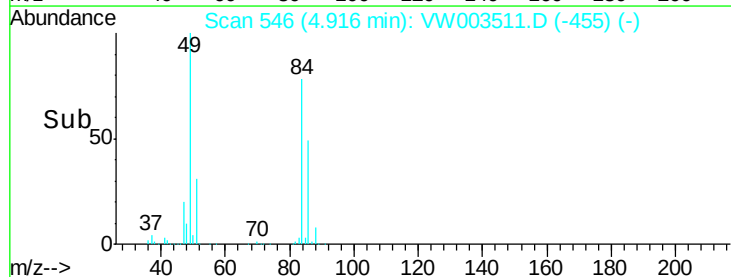
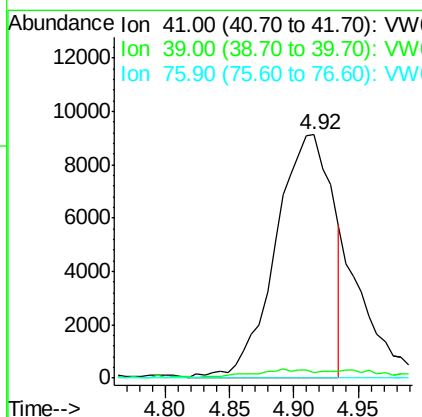
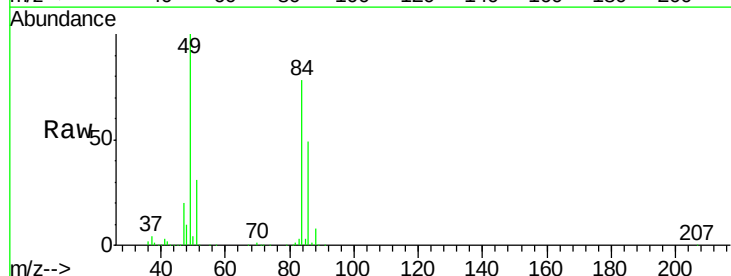
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-29-31-180620

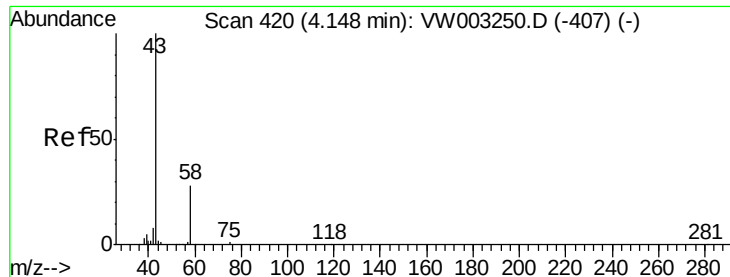
Tgt Ion: 96 Resp: 608917
 Ion Ratio Lower Upper
 96 100
 61 170.6 139.0 208.4
 98 64.6 53.3 79.9



#14
 Allyl chloride
 Concen: 9.387 ug/l
 RT: 4.92 min Scan# 546
 Delta R.T. 0.26 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

Tgt Ion: 41 Resp: 27921
 Ion Ratio Lower Upper
 41 100
 39 0.0 63.2 94.8#
 76 0.0 28.0 42.0#

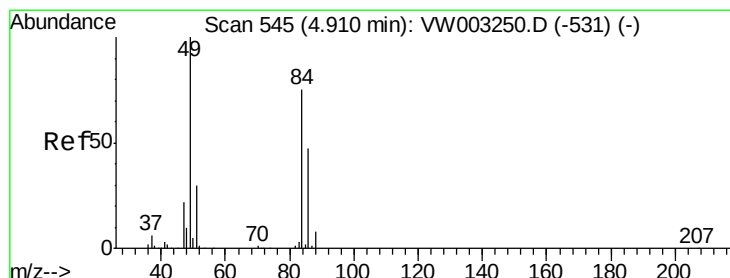
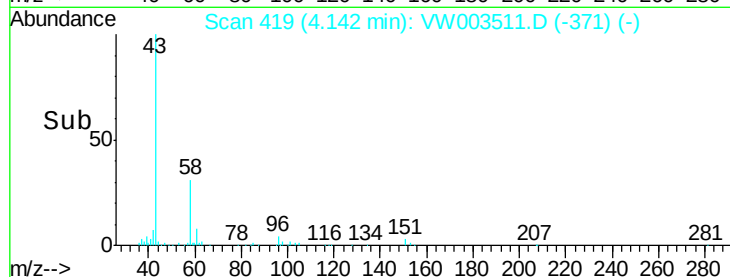
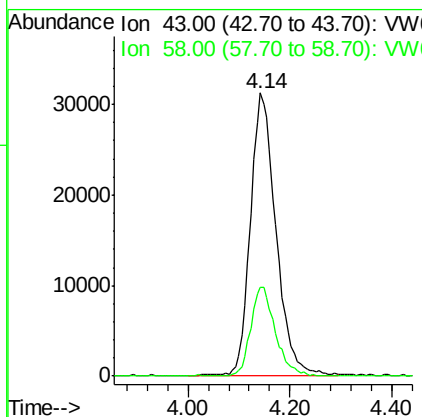
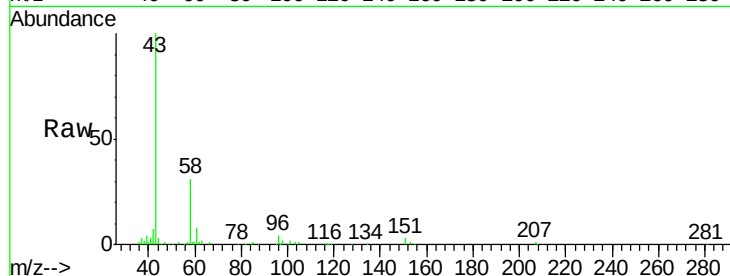




#16
Acetone
Concen: 253.874 ug/l
RT: 4.14 min Scan# 419
Delta R.T. -0.01 min
Lab File: VW003511.D
Acq: 24 Jun 2018 15:30

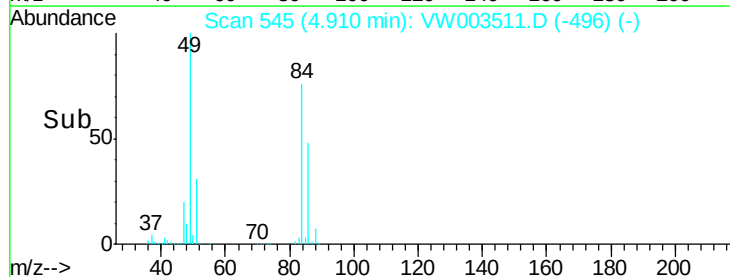
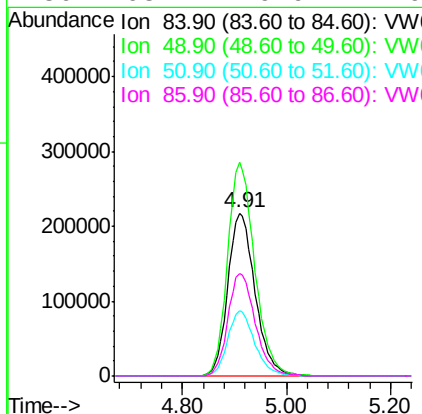
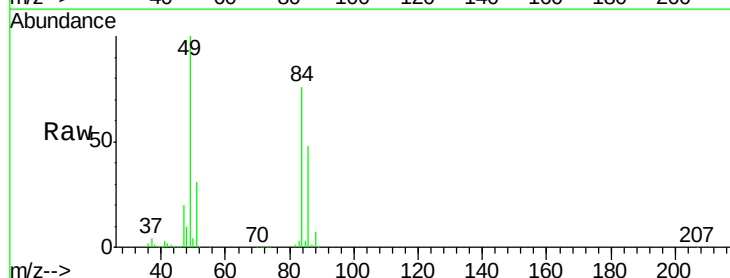
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-29-31-180620

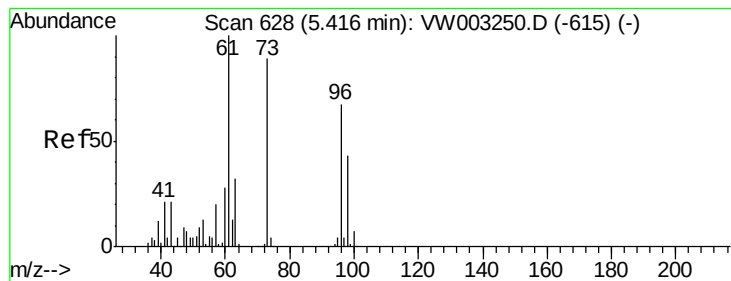
Tgt Ion: 43 Resp: 109399
Ion Ratio Lower Upper
43 100
58 31.4 22.6 34.0



#20
Methylene Chloride
Concen: 464.073 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003511.D
Acq: 24 Jun 2018 15:30

Tgt Ion: 84 Resp: 793848
Ion Ratio Lower Upper
84 100
49 131.1 106.3 159.5
51 40.3 32.0 48.0
86 63.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.389 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-29-31-180620

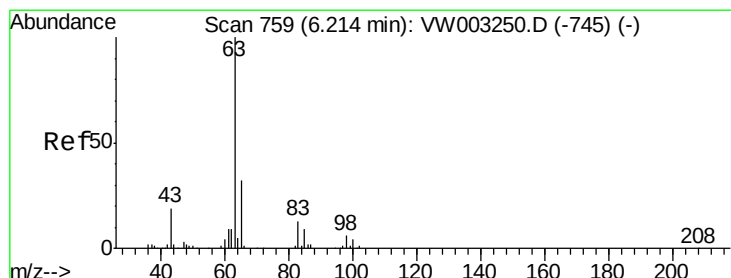
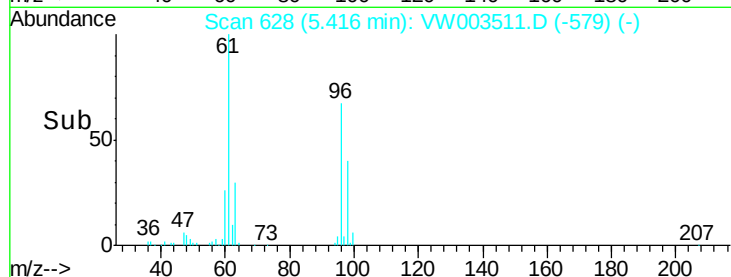
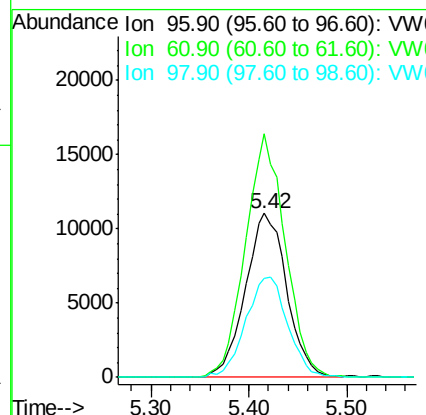
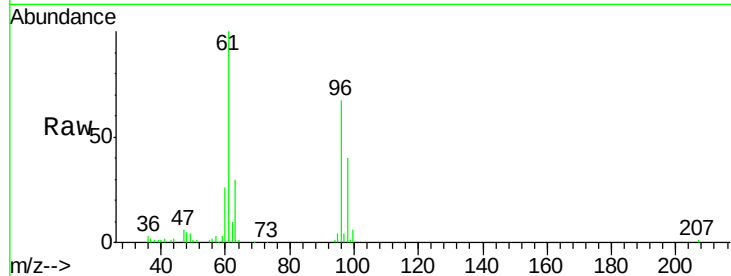
Tgt Ion: 96 Resp: 32497

Ion Ratio Lower Upper

96 100

61 148.7 118.7 178.1

98 60.1 51.0 76.6



#24

1,1-Dichloroethane

Concen: 8.936 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

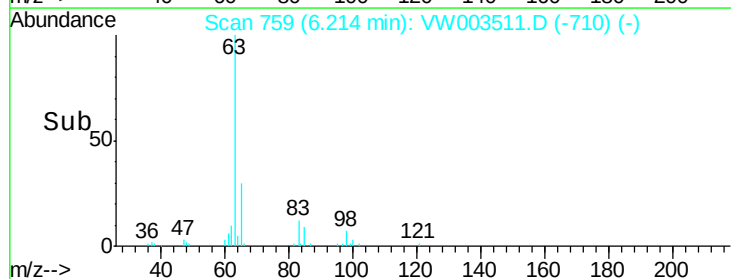
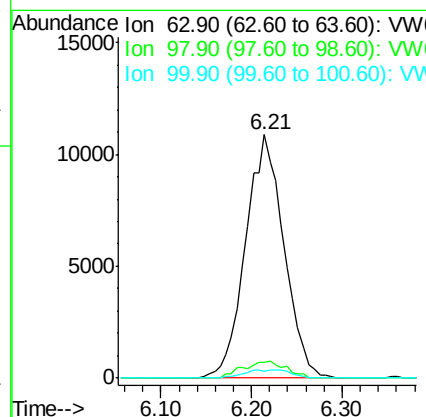
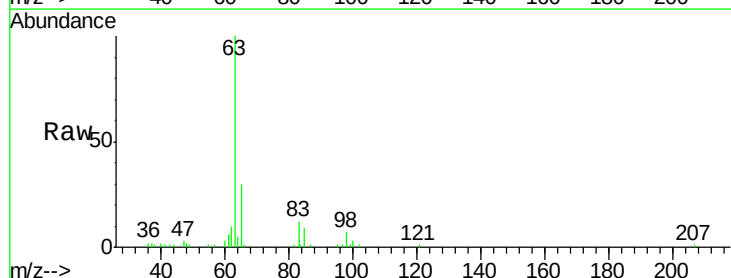
Tgt Ion: 63 Resp: 31755

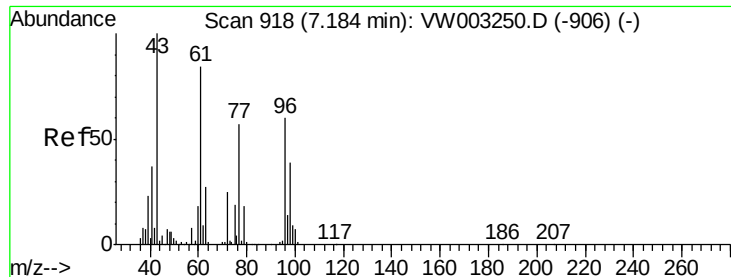
Ion Ratio Lower Upper

63 100

98 6.7 2.8 8.3

100 2.7 2.1 6.5





#25

2-Butanone

Concen: 294.157 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

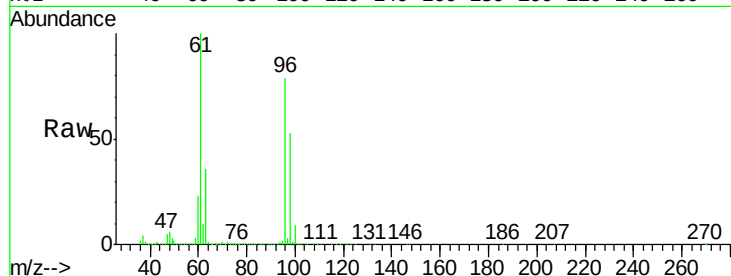
WP021SB483-29-31-180620

Tgt Ion: 43 Resp: 157620

Ion Ratio Lower Upper

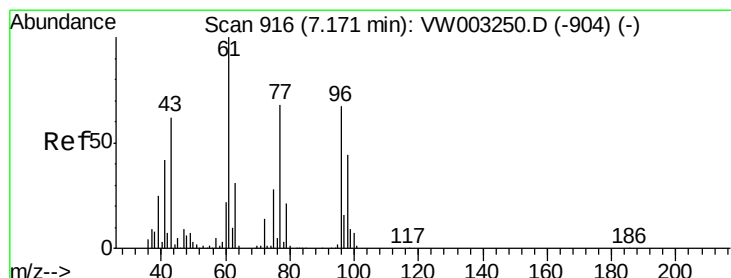
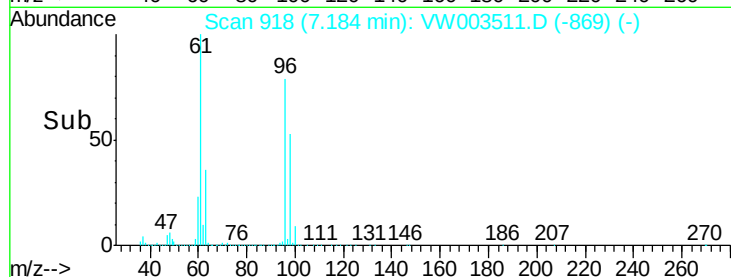
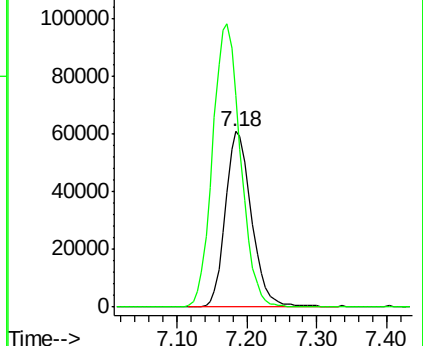
43 100

72 120.9 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: 11288.005 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

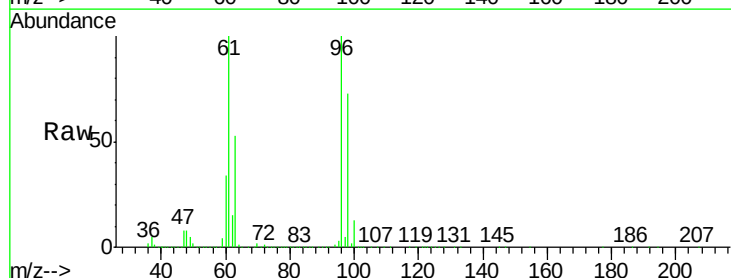
Tgt Ion: 96 Resp: 23173826

Ion Ratio Lower Upper

96 100

61 0.0 0.0 298.8

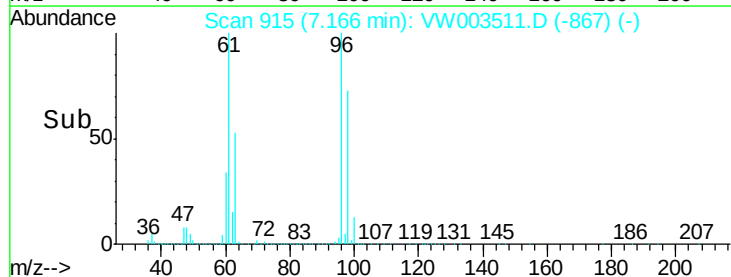
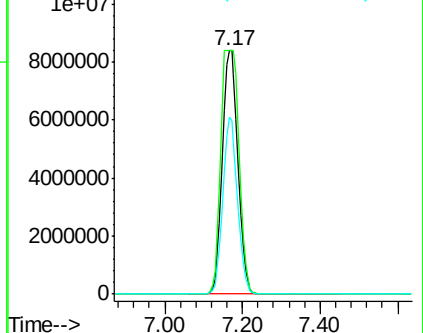
98 68.0 0.0 130.4

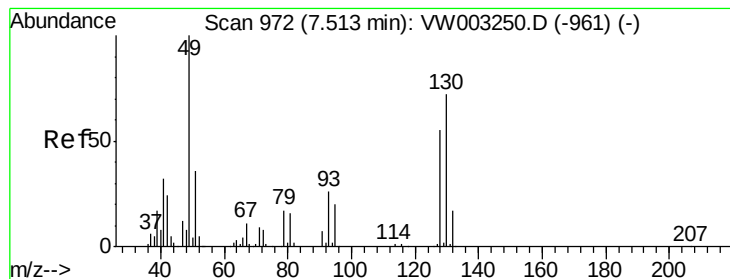


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#28

Bromochloromethane

Concen: 5.951 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.16 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-29-31-180620

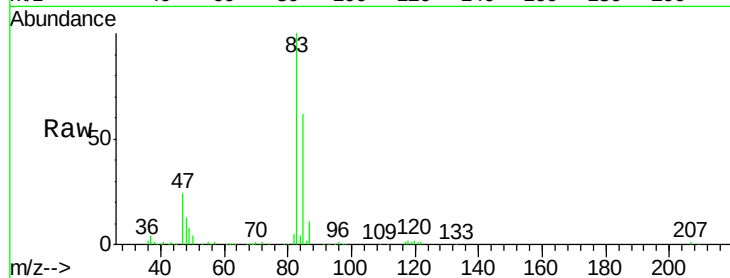
Tgt Ion: 49 Resp: 8800

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

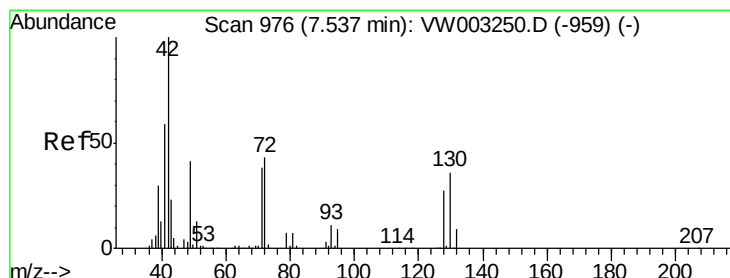
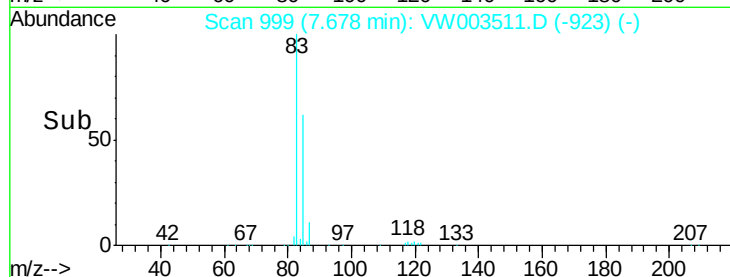
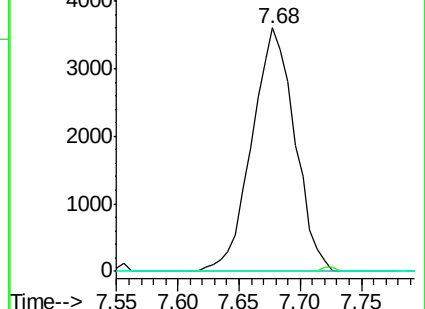
130 0.0 59.4 89.2#



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 5.127 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.01 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

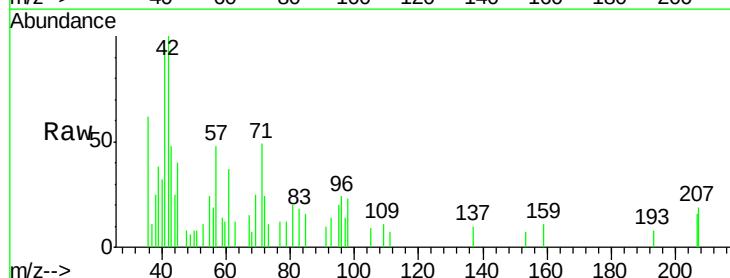
Tgt Ion: 42 Resp: 1679

Ion Ratio Lower Upper

42 100

72 24.9 32.4 48.6#

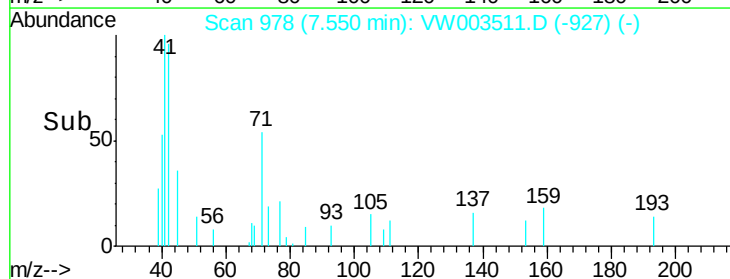
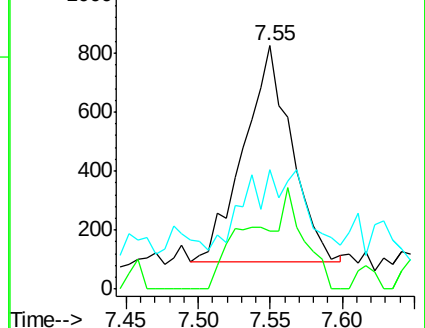
71 0.0 31.2 46.8#

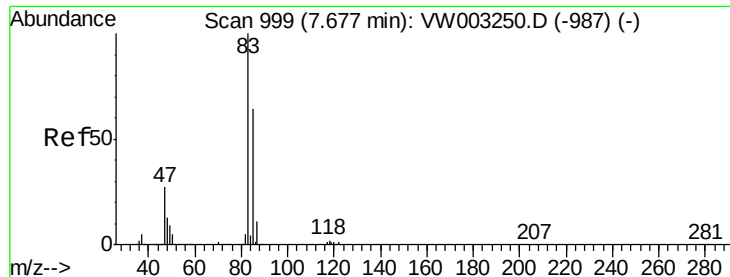


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

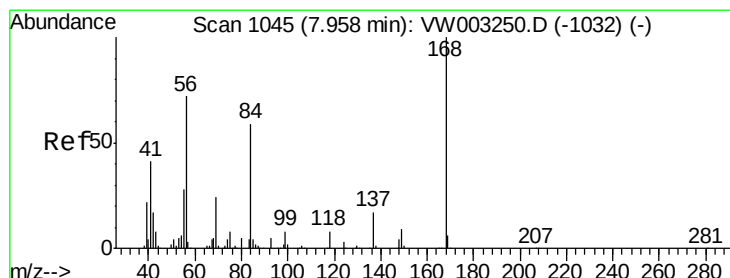
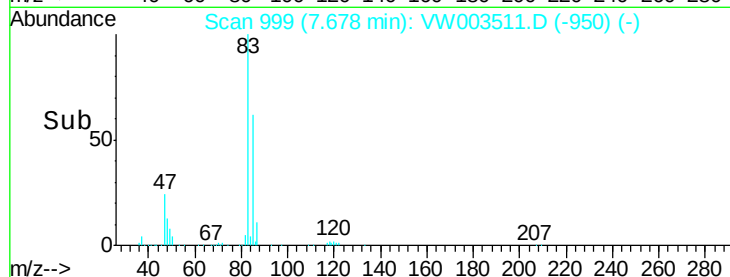
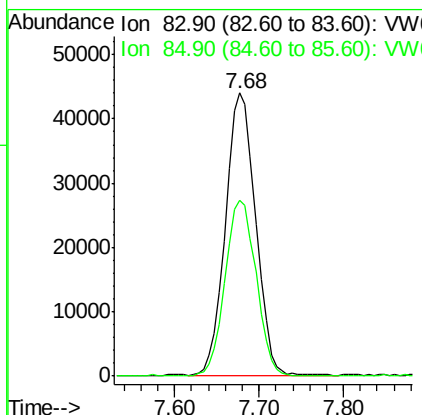
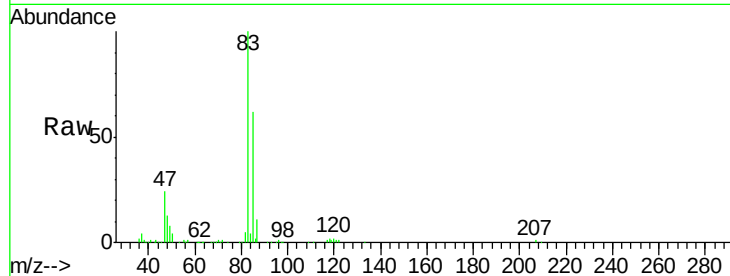




#30
Chloroform
Concen: 29.426 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003511.D
Acq: 24 Jun 2018 15:30

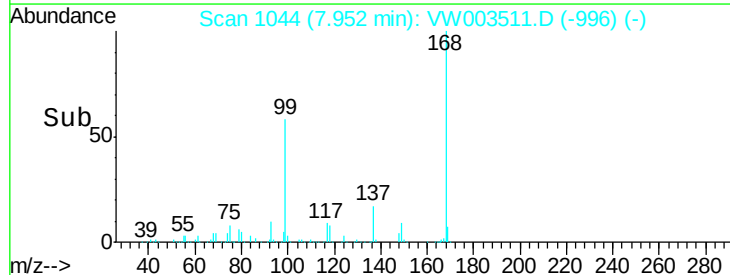
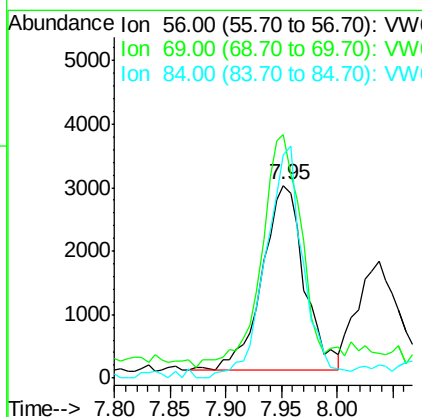
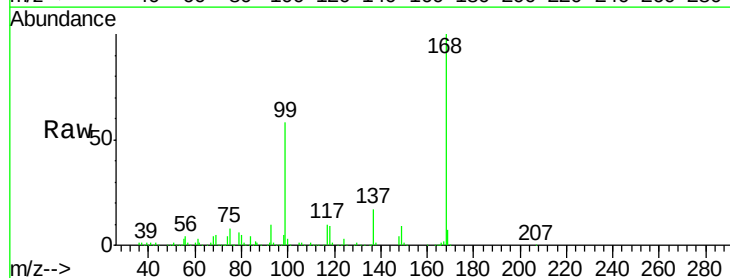
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-29-31-180620

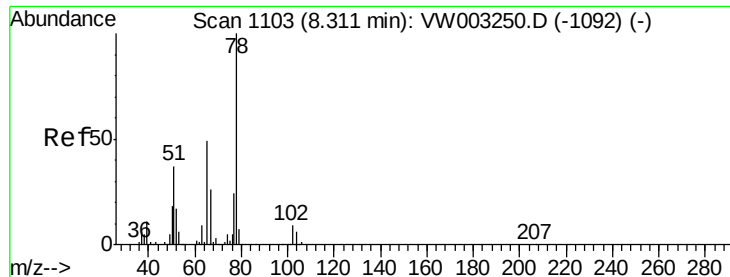
Tgt Ion: 83 Resp: 106539
Ion Ratio Lower Upper
83 100
85 62.0 51.3 76.9



#31
Cyclohexane
Concen: 2.301 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003511.D
Acq: 24 Jun 2018 15:30

Tgt Ion: 56 Resp: 7638
Ion Ratio Lower Upper
56 100
69 121.7 26.3 39.5#
84 116.0 65.7 98.5#





#33

1,2-Dichloroethane-d4

Concen: 55.840 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

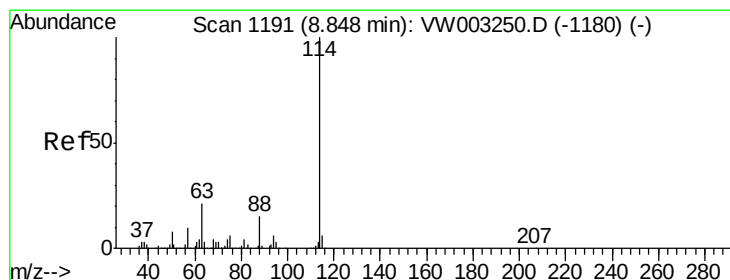
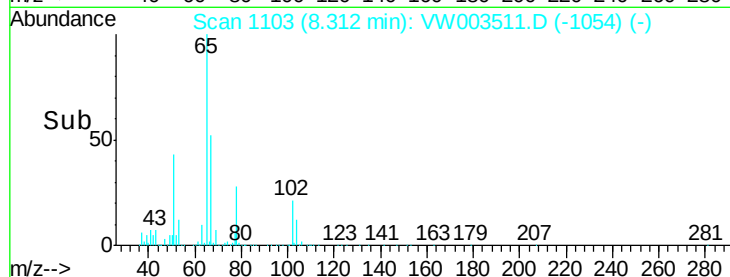
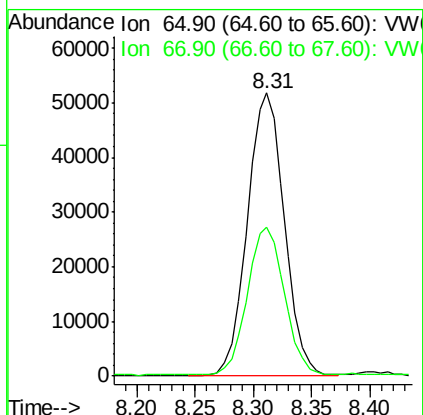
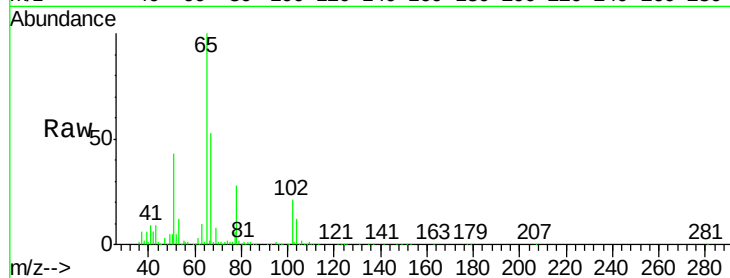
WP021SB483-29-31-180620

Tgt Ion: 65 Resp: 114730

Ion Ratio Lower Upper

65 100

67 52.2 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: VW003511.D

Acq: 24 Jun 2018 15:30

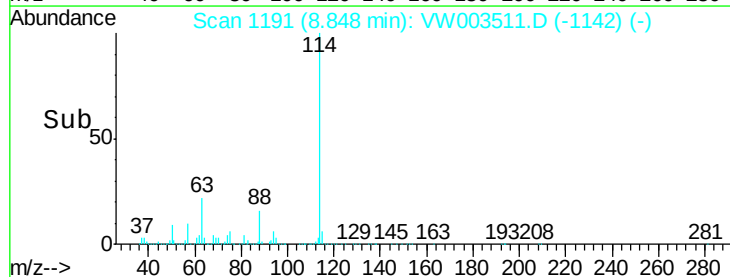
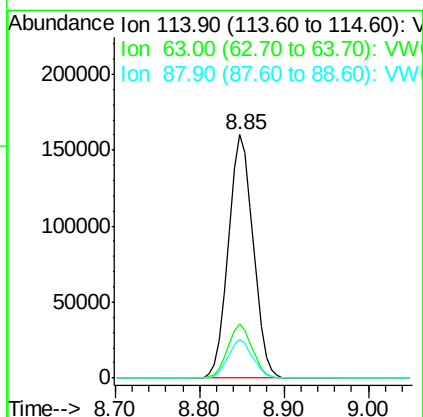
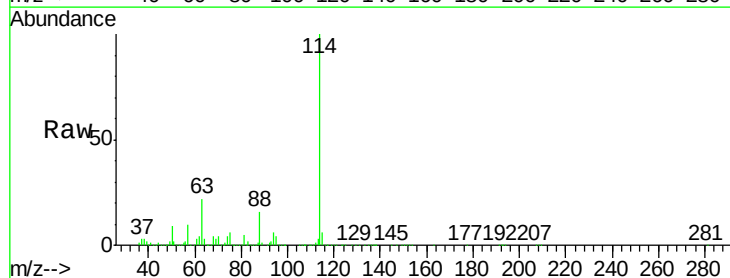
Tgt Ion: 114 Resp: 320207

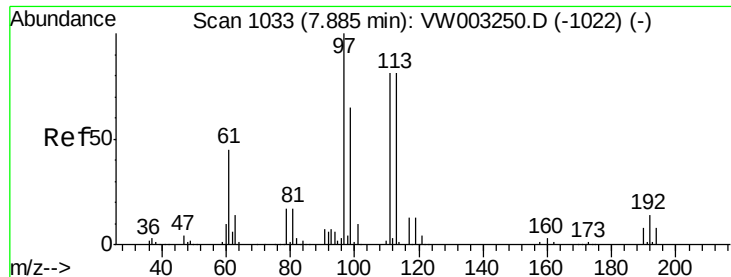
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.0

88 15.8 0.0 29.6

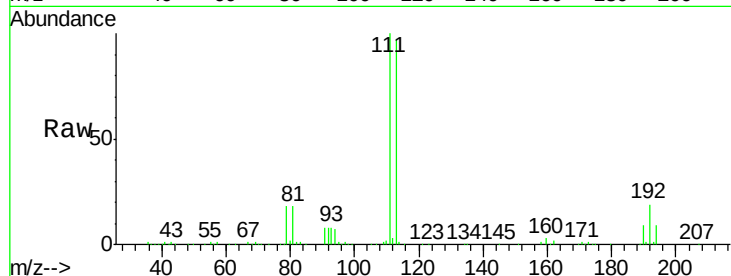




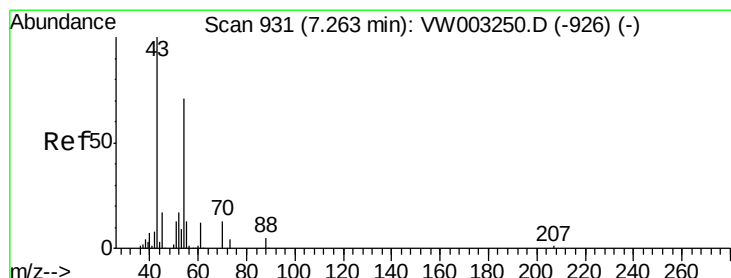
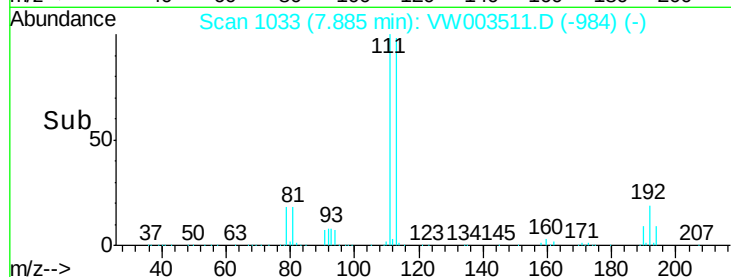
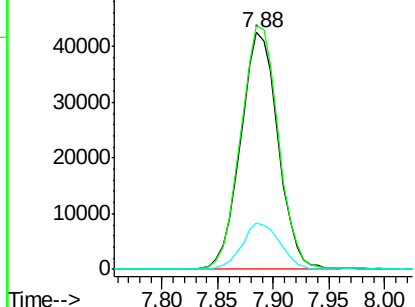
#35
 Dibromofluoromethane
 Concen: 50.178 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-29-31-180620

Tgt Ion:113 Resp: 99838
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.2 123.2
 192 19.9 16.2 24.2

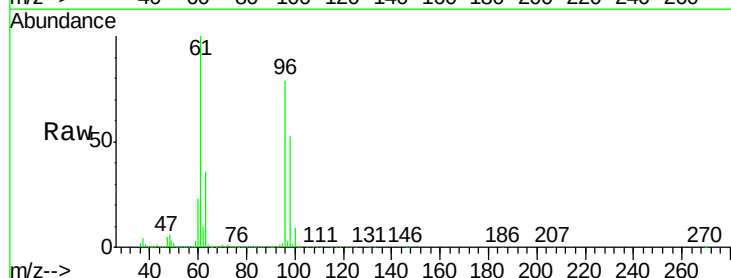


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

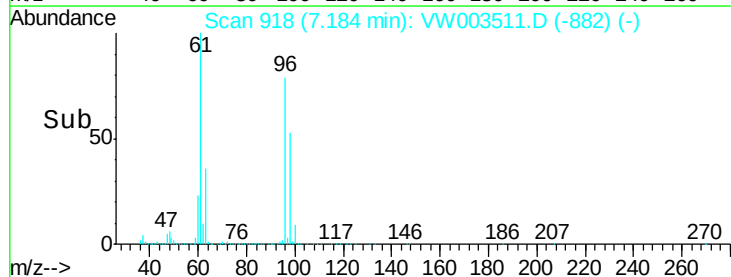
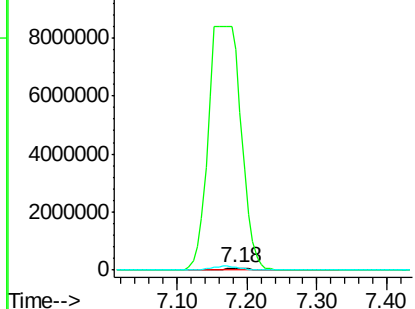


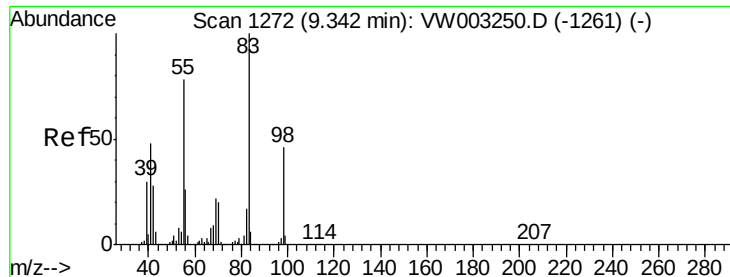
#37
 Ethyl Acetate
 Concen: 123.035 ug/l
 RT: 7.18 min Scan# 918
 Delta R.T. -0.08 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

Tgt Ion: 43 Resp: 157620
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.8 16.2#
 70 221.9 7.8 11.6#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 70.00 (69.70 to 70.70): VW

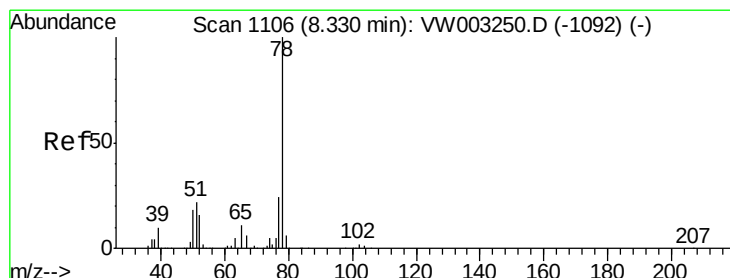
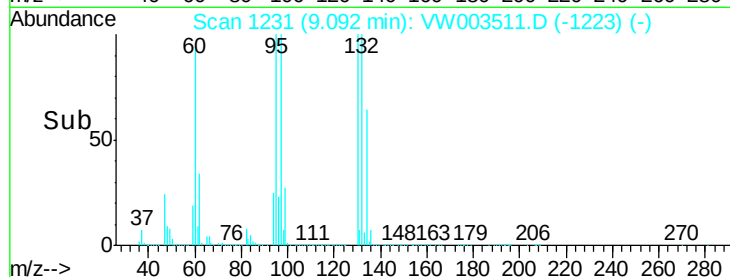
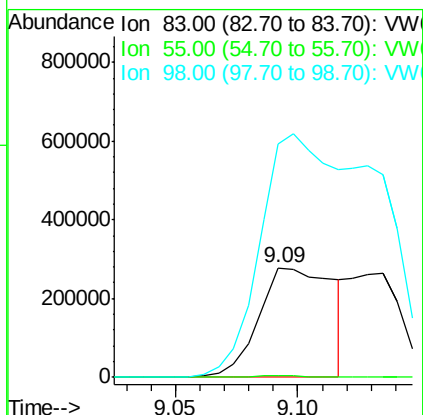
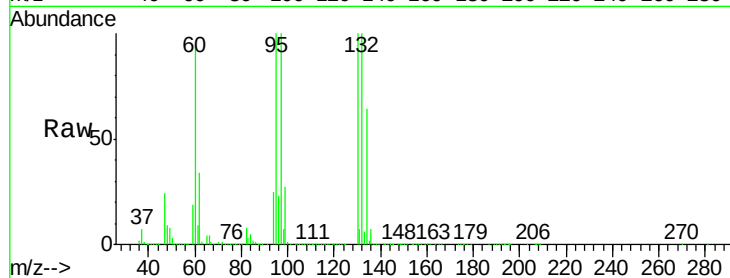




#39
Methylcyclohexane
Concen: 164.490 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.25 min
Lab File: VW003511.D
Acq: 24 Jun 2018 15:30

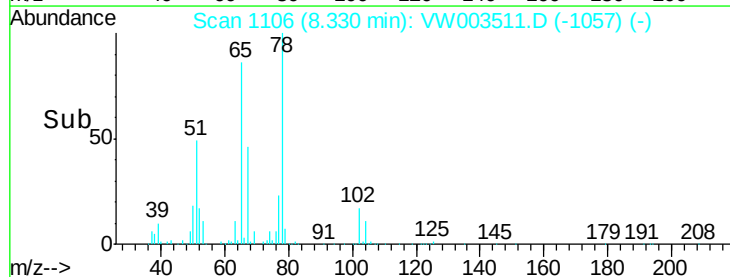
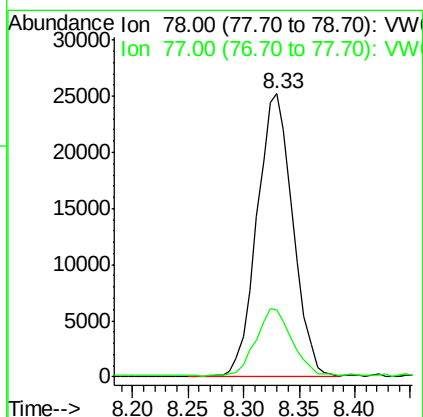
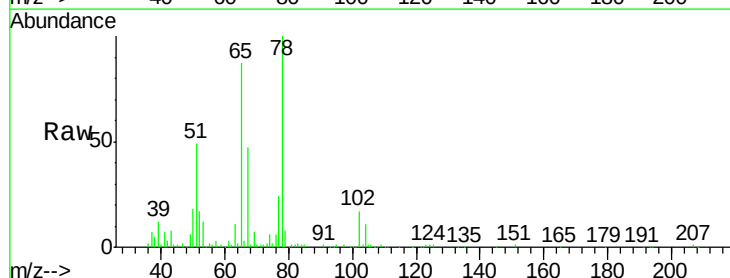
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-29-31-180620

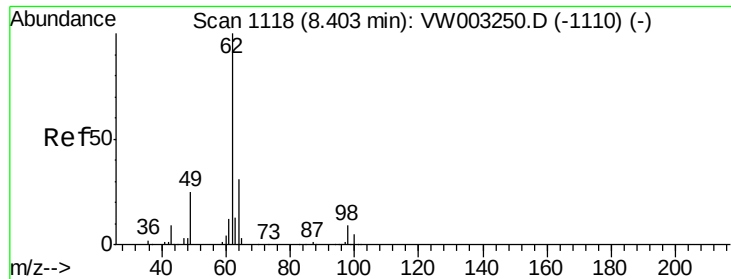
Tgt Ion: 83 Resp: 588563
Ion Ratio Lower Upper
83 100
55 0.9 62.6 93.8#
98 214.1 37.0 55.4#



#40
Benzene
Concen: 6.647 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003511.D
Acq: 24 Jun 2018 15:30

Tgt Ion: 78 Resp: 56657
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#42

1,2-Dichloroethane

Concen: 12.418 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

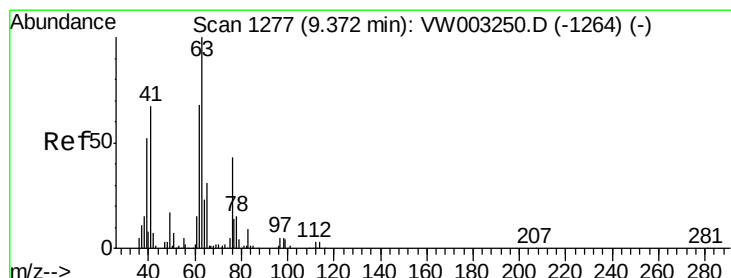
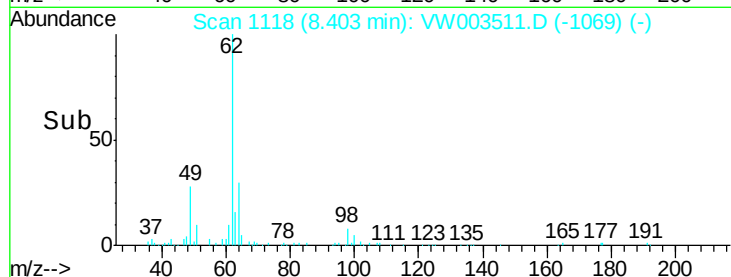
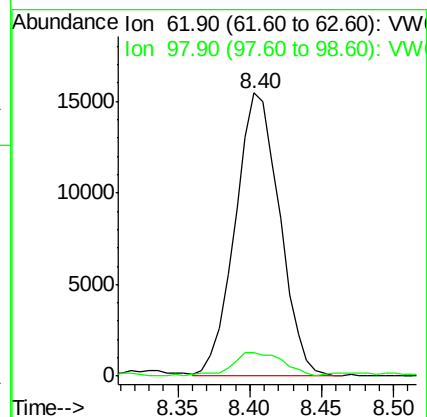
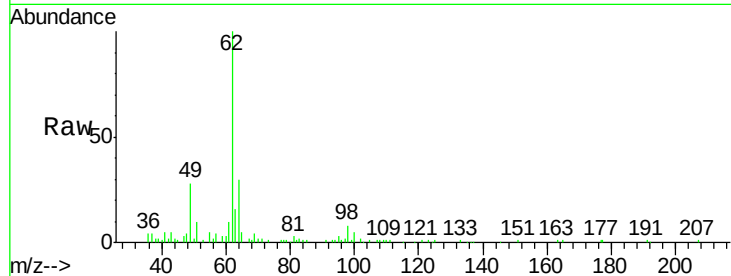
WP021SB483-29-31-180620

Tgt Ion: 62 Resp: 33163

Ion Ratio Lower Upper

62 100

98 9.7 0.0 17.2



#45

1,2-Dichloropropane

Concen: 91.496 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.28 min

Lab File: VW003511.D

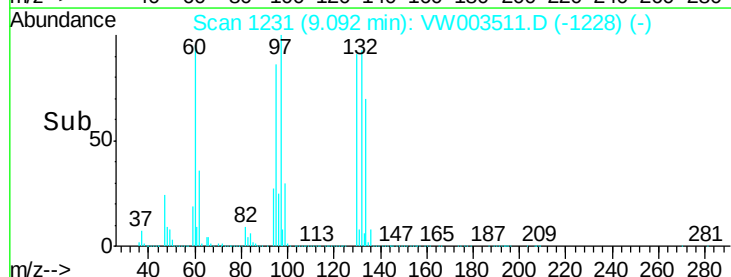
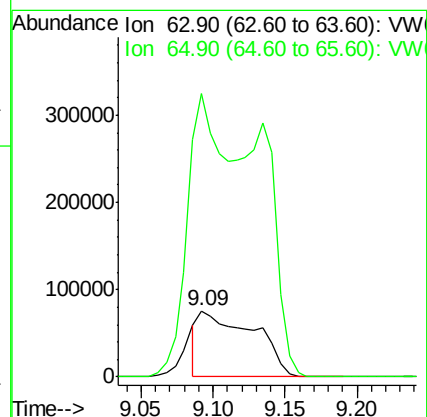
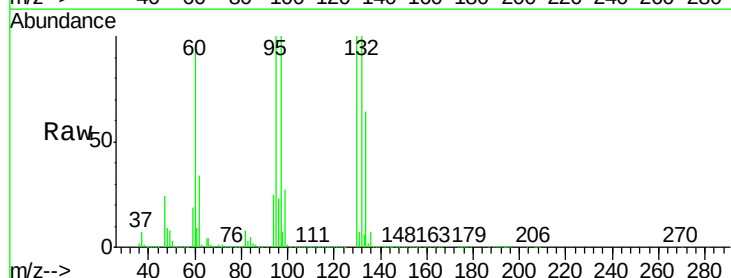
Acq: 24 Jun 2018 15:30

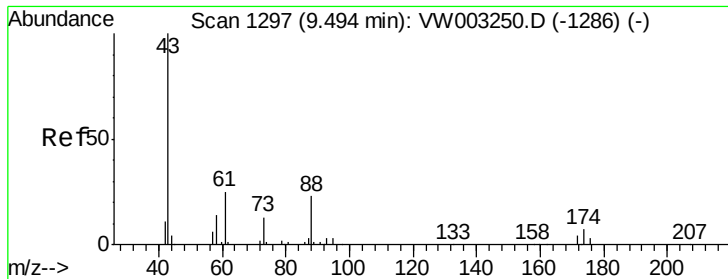
Tgt Ion: 63 Resp: 198575

Ion Ratio Lower Upper

63 100

65 426.5 25.1 37.7#





#49

1,4-Dioxane

Concen: 74.745 ug/l

RT: 9.49 min Scan# 1296

Delta R.T. -0.01 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-29-31-180620

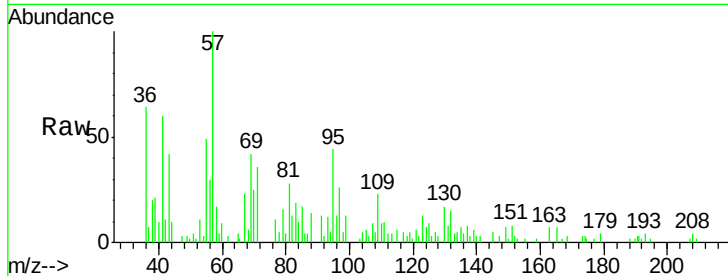
Tgt Ion: 88 Resp: 1254

Ion Ratio Lower Upper

88 100

43 0.0 454.7 682.1#

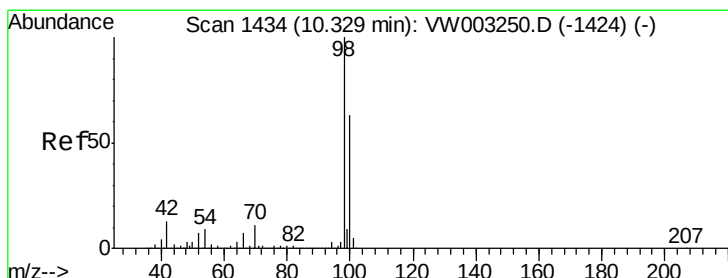
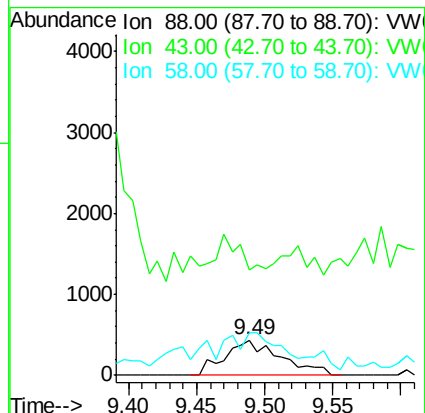
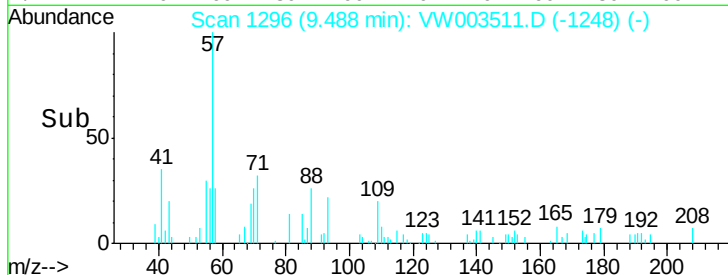
58 38.4 58.6 88.0#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 46.287 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003511.D

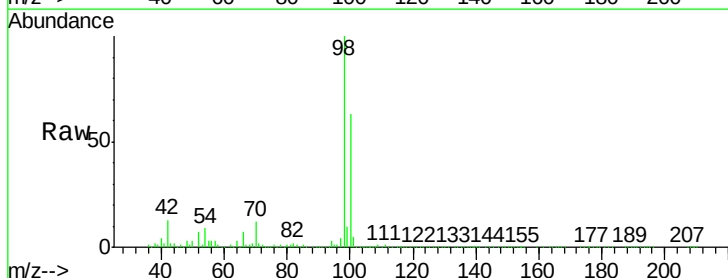
Acq: 24 Jun 2018 15:30

Tgt Ion: 98 Resp: 365177

Ion Ratio Lower Upper

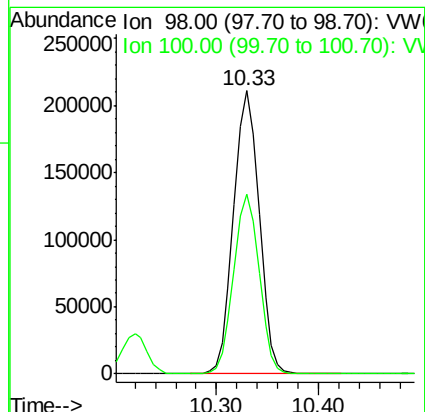
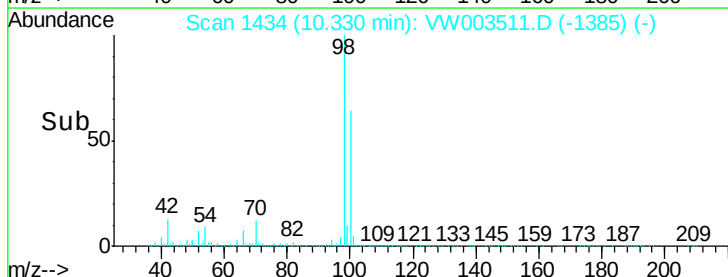
98 100

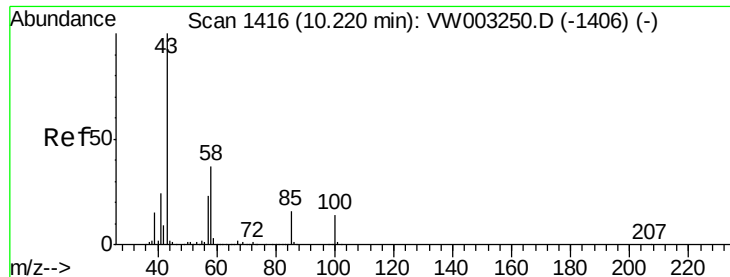
100 63.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

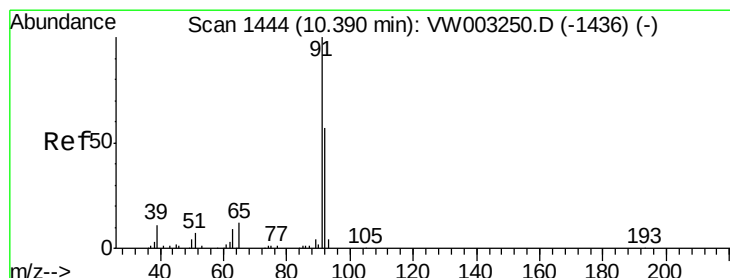
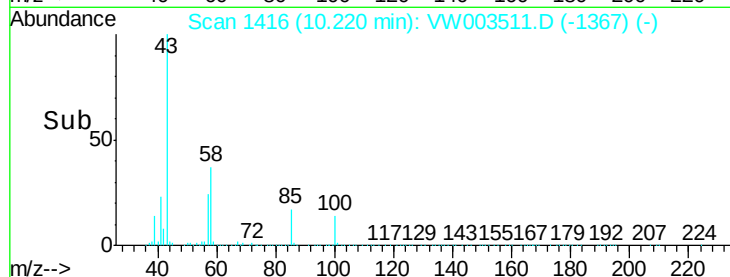
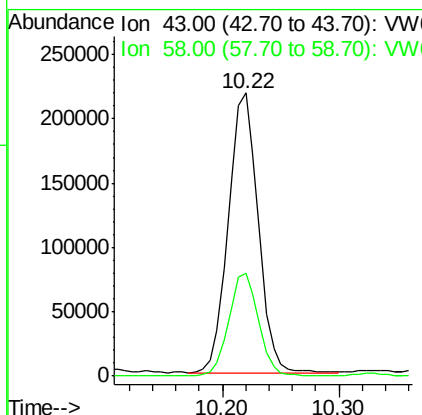
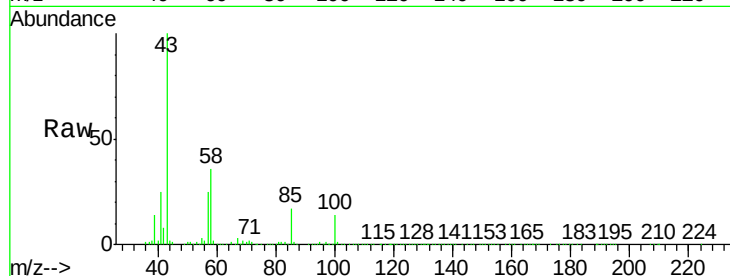




#51
4-Methyl-2-Pentanone
Concen: 298.421 ug/l
RT: 10.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VW003511.D
Acq: 24 Jun 2018 15:30

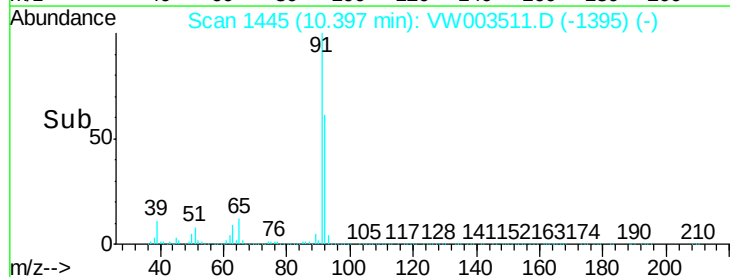
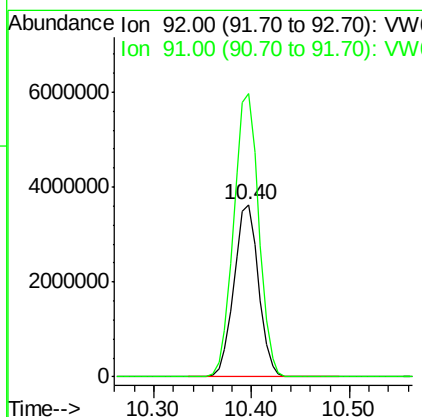
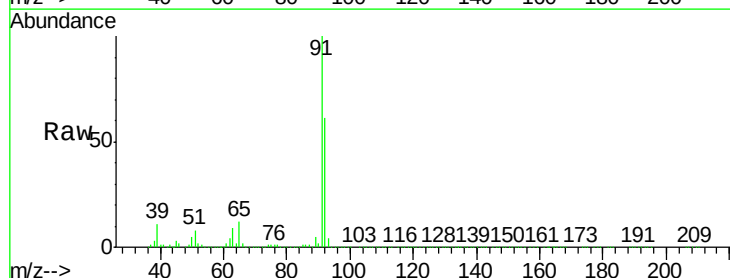
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-29-31-180620

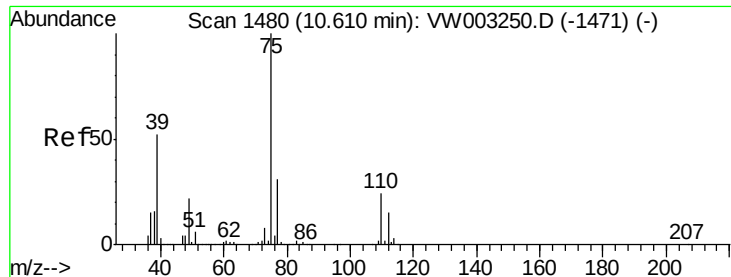
Tgt Ion: 43 Resp: 386810
Ion Ratio Lower Upper
43 100
58 36.4 29.0 43.4



#52
Toluene
Concen: 1152.170 ug/l
RT: 10.40 min Scan# 1445
Delta R.T. 0.01 min
Lab File: VW003511.D
Acq: 24 Jun 2018 15:30

Tgt Ion: 92 Resp: 6297825
Ion Ratio Lower Upper
92 100
91 168.4 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 27.022 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.21 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

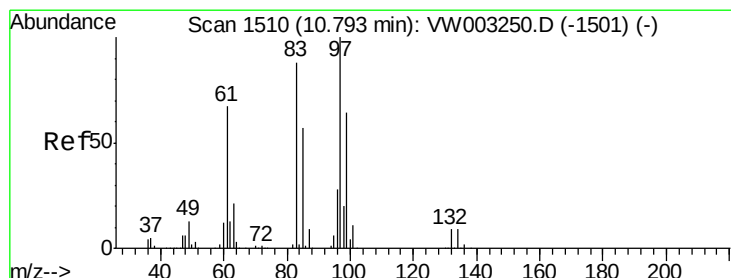
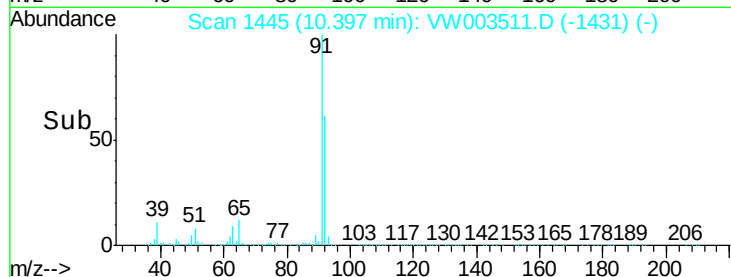
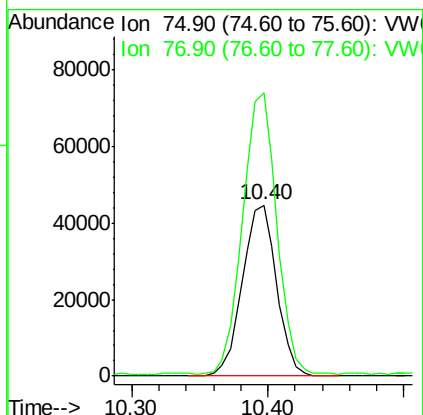
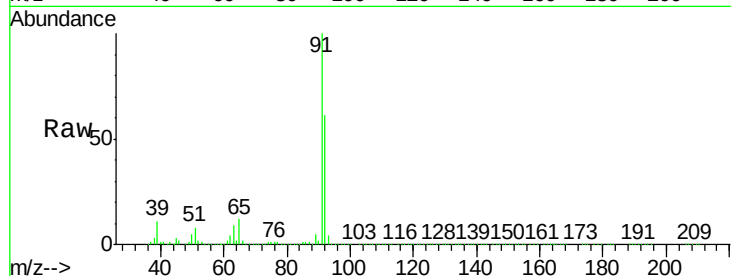
WP021SB483-29-31-180620

Tgt Ion: 75 Resp: 78619

Ion Ratio Lower Upper

75 100

77 163.8 24.9 37.3#



#55

1,1,2-Trichloroethane

Concen: 37.259 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Tgt Ion: 97 Resp: 58339

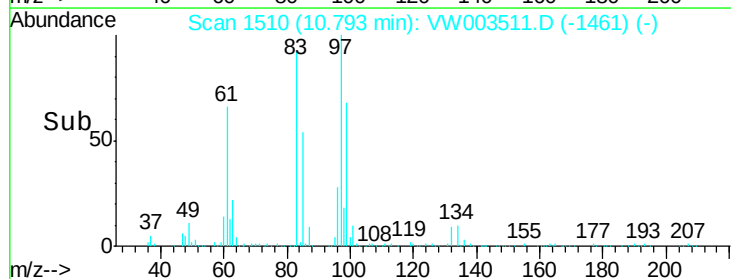
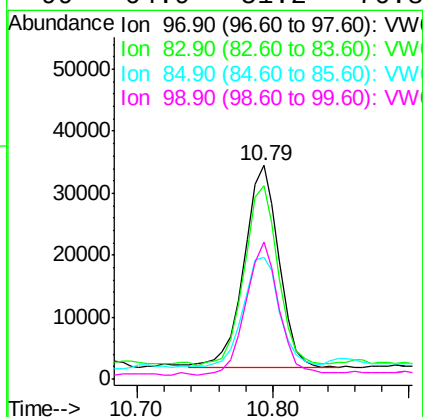
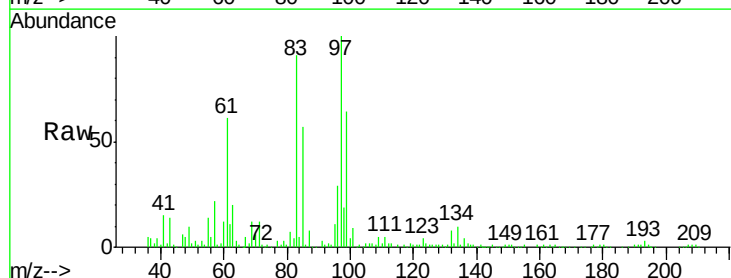
Ion Ratio Lower Upper

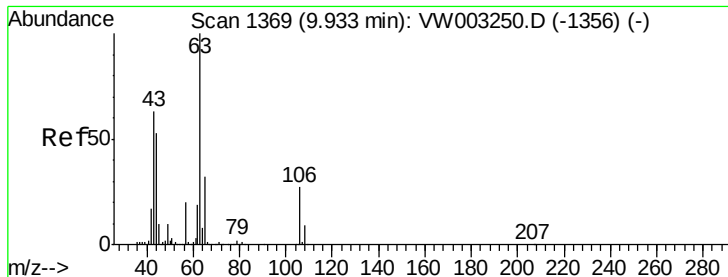
97 100

83 87.9 70.2 105.2

85 54.2 45.6 68.4

99 64.9 51.2 76.8





#58

2-Chloroethyl Vinyl ether

Concen: 1.116 ug/l

RT: 9.95 min Scan# 1371

Delta R.T. 0.01 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

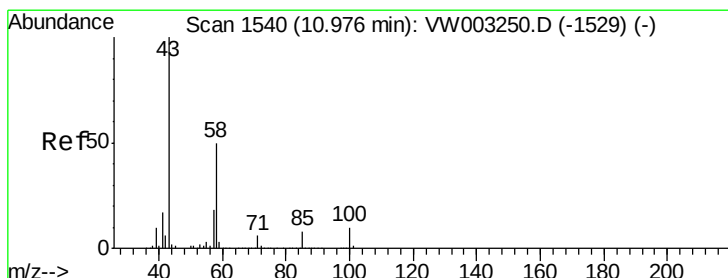
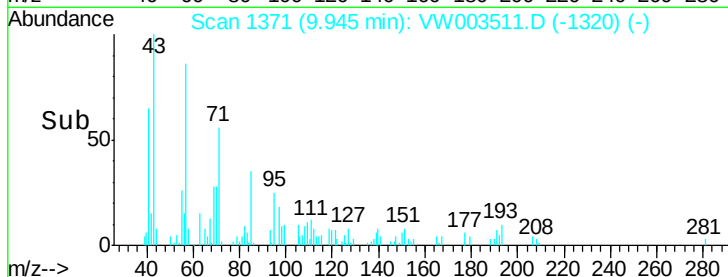
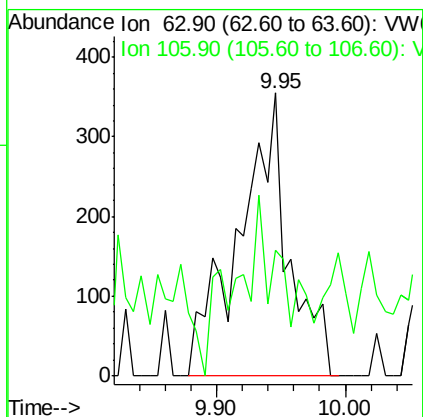
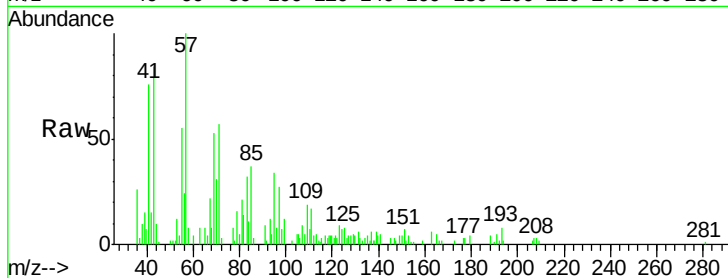
WP021SB483-29-31-180620

Tgt Ion: 63 Resp: 951

Ion Ratio Lower Upper

63 100

106 32.1 21.8 32.8



#59

2-Hexanone

Concen: 13.978 ug/l

RT: 10.84 min Scan# 1517

Delta R.T. -0.14 min

Lab File: VW003511.D

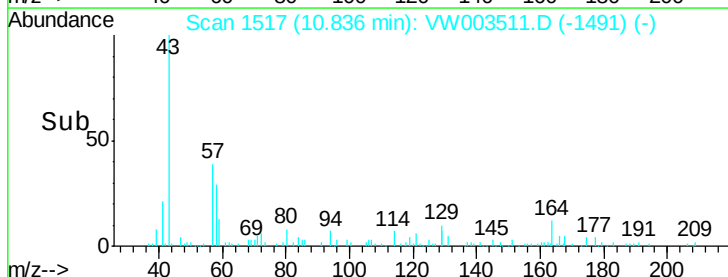
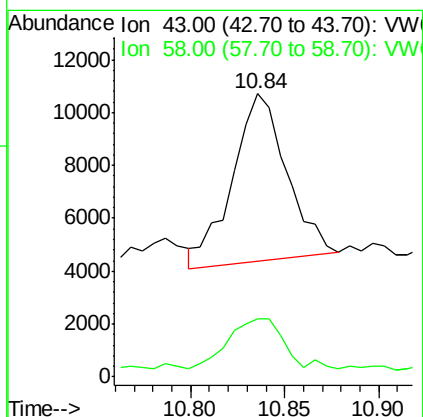
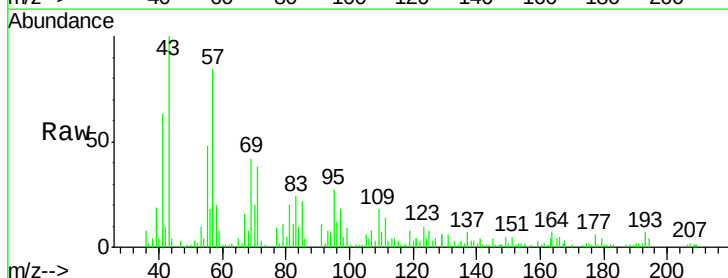
Acq: 24 Jun 2018 15:30

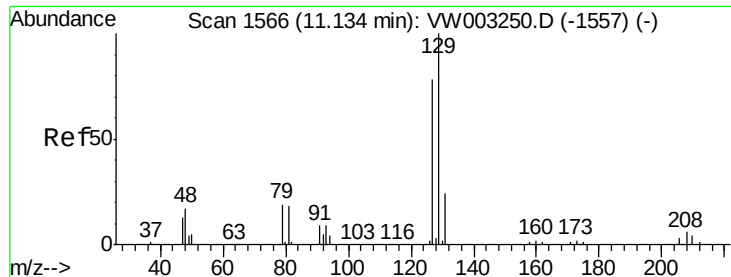
Tgt Ion: 43 Resp: 12657

Ion Ratio Lower Upper

43 100

58 31.2 25.0 75.0

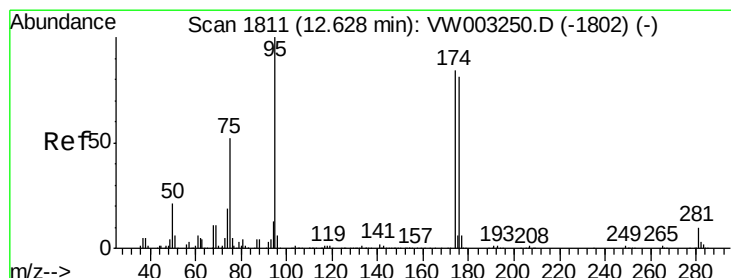
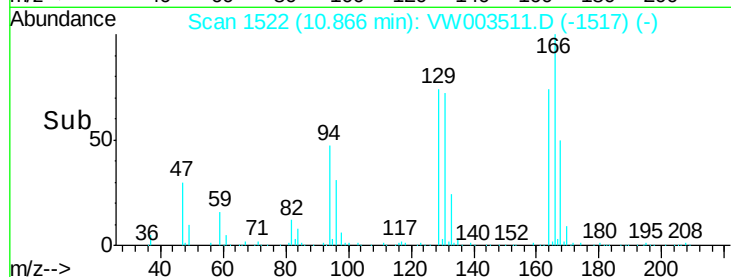
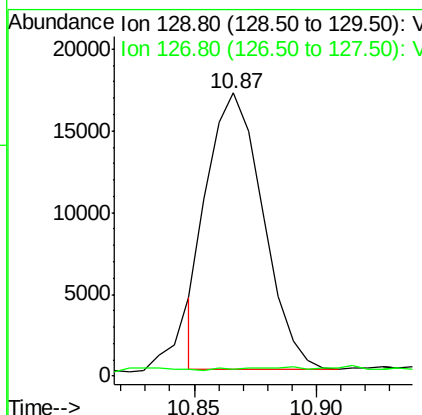
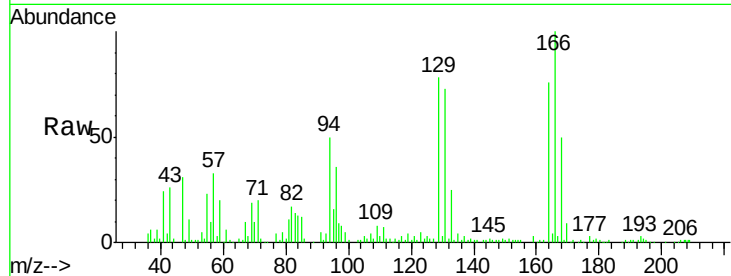




#60
Dibromochloromethane
Concen: 14.370 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.27 min
Lab File: VW003511.D
Acq: 24 Jun 2018 15:30

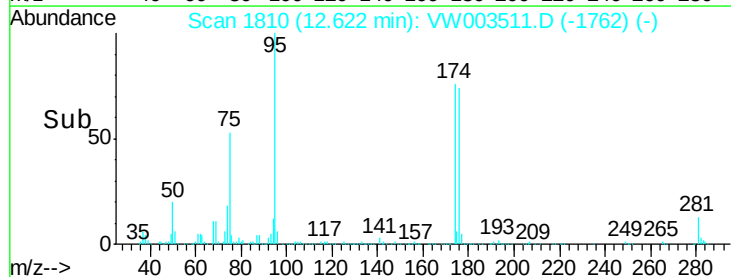
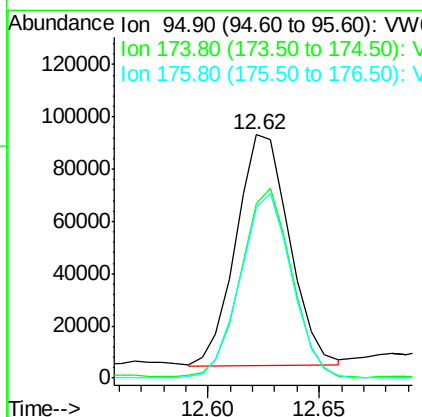
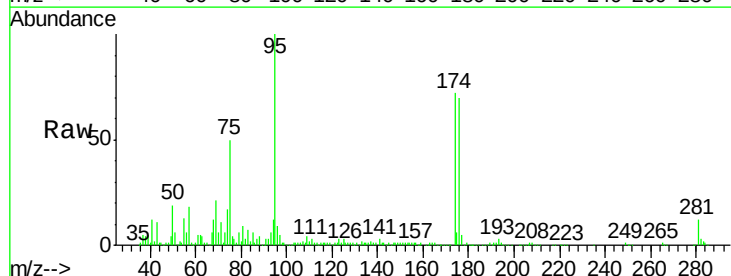
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-29-31-180620

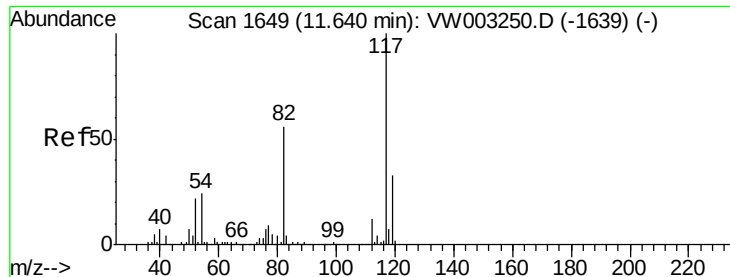
Tgt Ion:129 Resp: 26757
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.5#



#62
4-Bromofluorobenzene
Concen: 52.812 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003511.D
Acq: 24 Jun 2018 15:30

Tgt Ion: 95 Resp: 147453
Ion Ratio Lower Upper
95 100
174 77.9 0.0 166.4
176 77.0 0.0 162.0

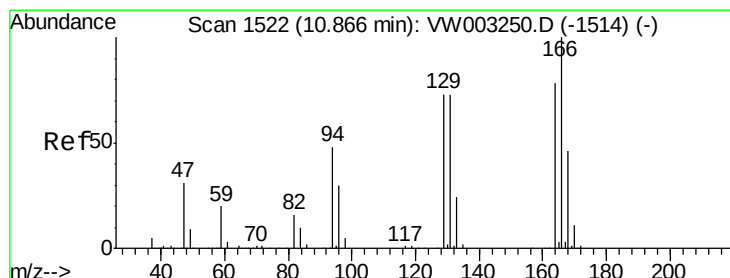
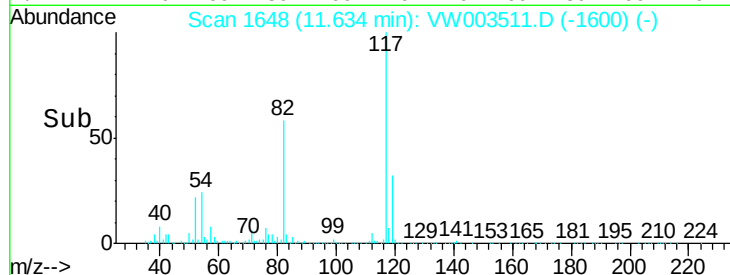
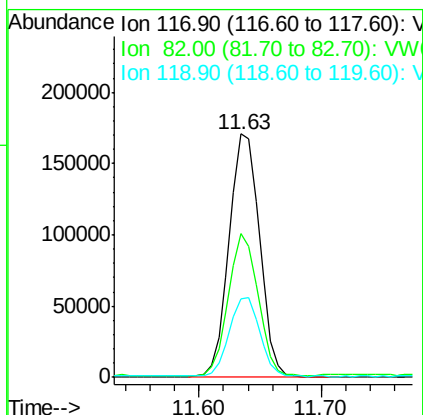
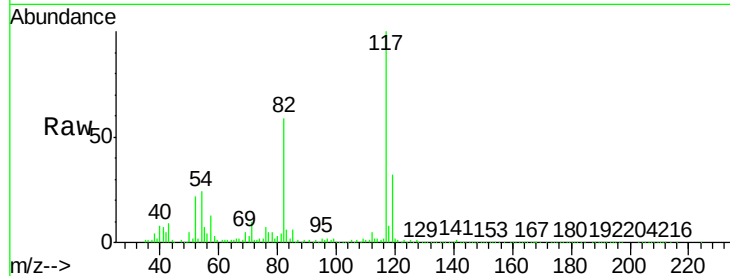




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003511.D
Acq: 24 Jun 2018 15:30

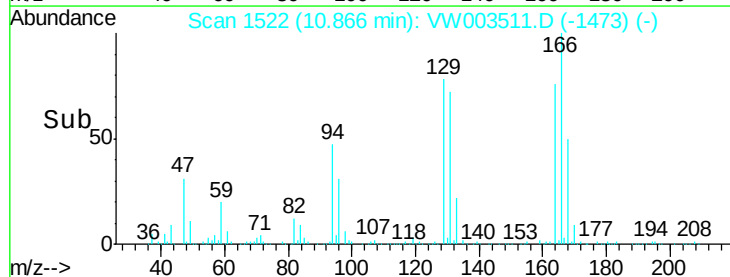
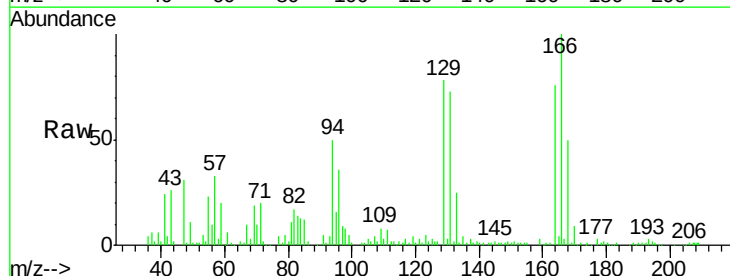
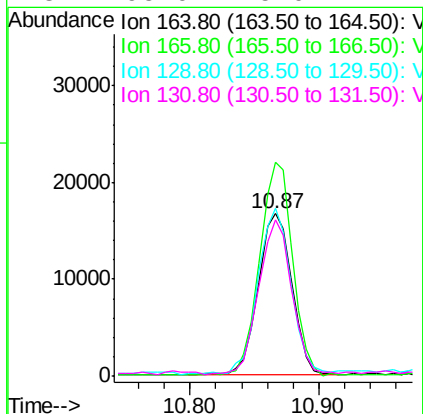
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-29-31-180620

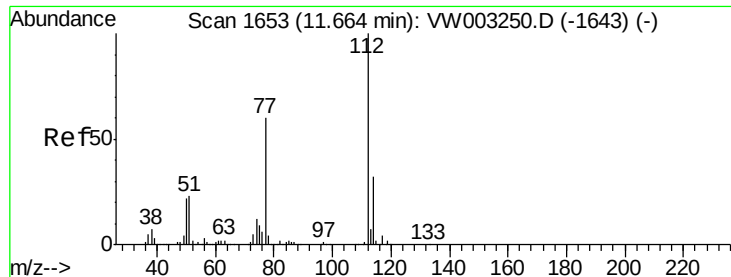
Tgt Ion:117 Resp: 292771
Ion Ratio Lower Upper
117 100
82 58.1 44.6 67.0
119 32.1 26.7 40.1



#64
Tetrachloroethene
Concen: 15.281 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003511.D
Acq: 24 Jun 2018 15:30

Tgt Ion:164 Resp: 29924
Ion Ratio Lower Upper
164 100
166 131.9 102.6 154.0
129 102.0 75.2 112.8
131 95.0 75.0 112.4





#65

Chlorobenzene

Concen: 55.182 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

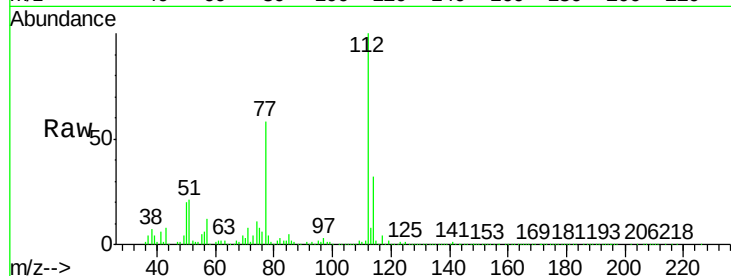
WP021SB483-29-31-180620

Tgt Ion: 112 Resp: 336431

Ion Ratio Lower Upper

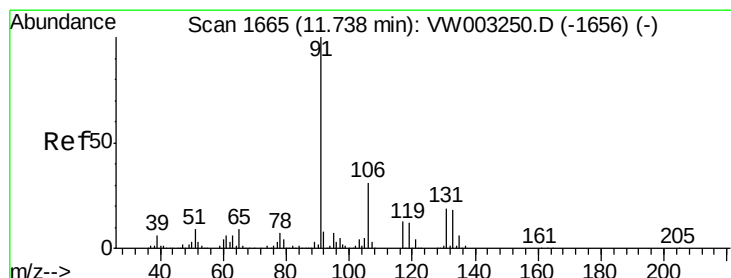
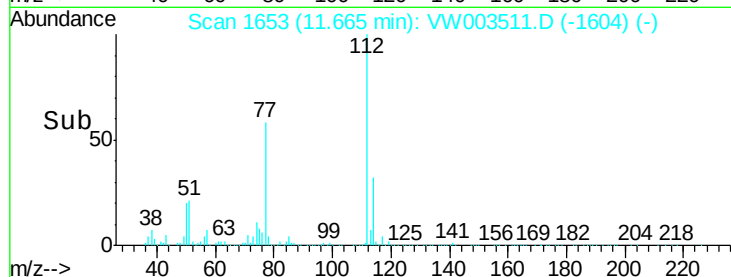
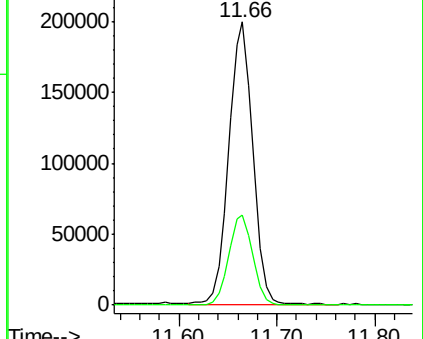
112 100

114 32.0 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 8.238 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003511.D

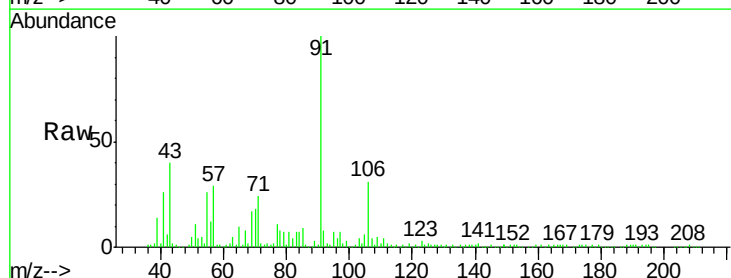
Acq: 24 Jun 2018 15:30

Tgt Ion: 91 Resp: 89029

Ion Ratio Lower Upper

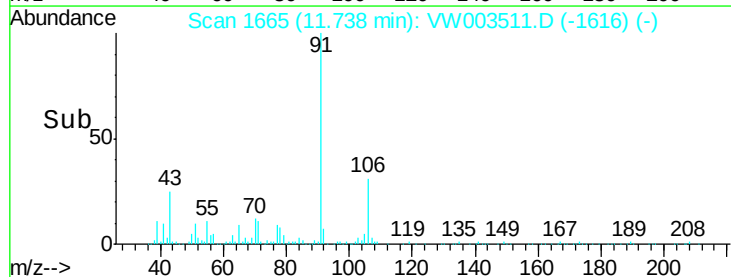
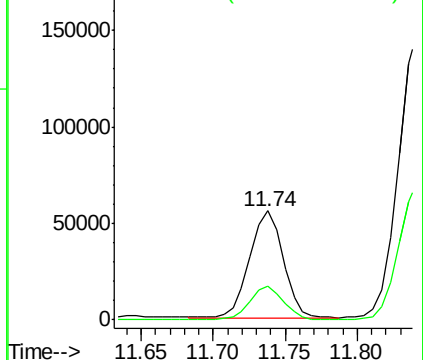
91 100

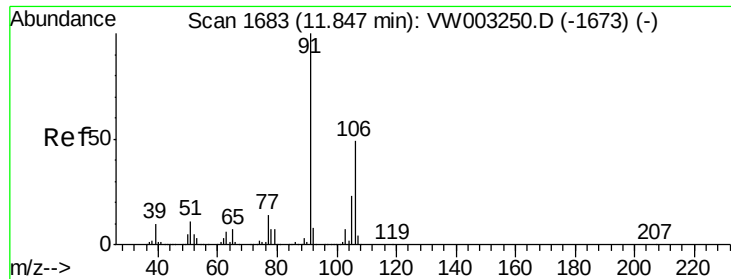
106 31.0 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

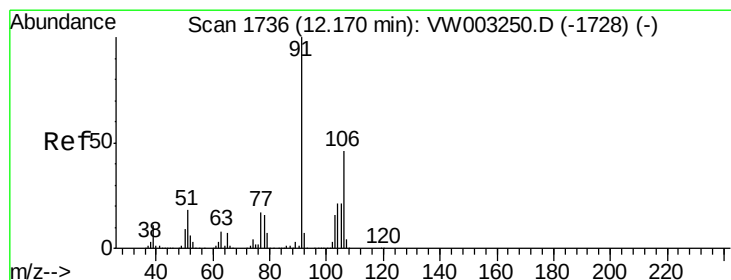
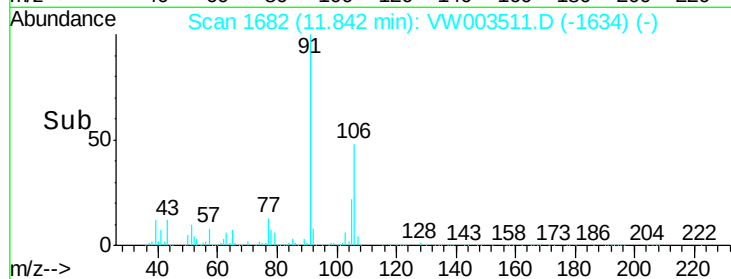
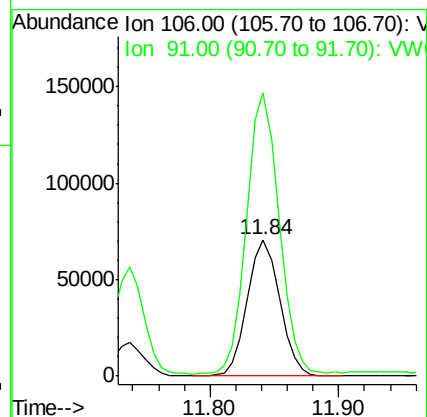
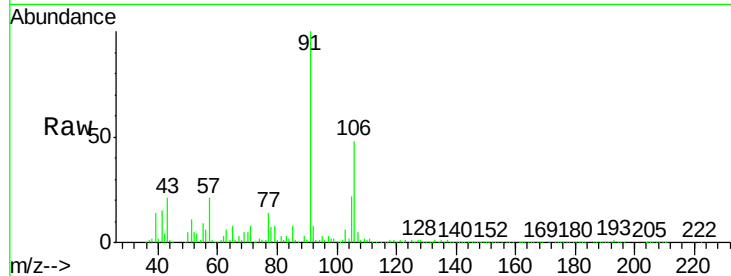




#68
m/p-Xylenes
Concen: 29.776 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW003511.D
Acq: 24 Jun 2018 15:30

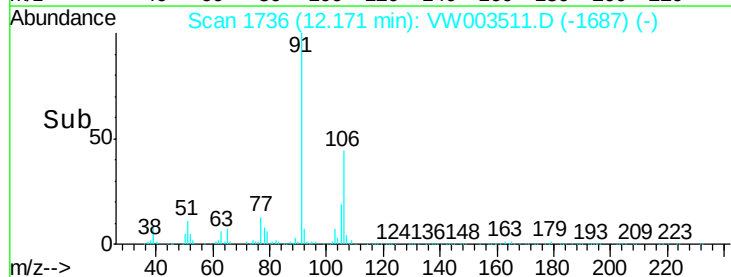
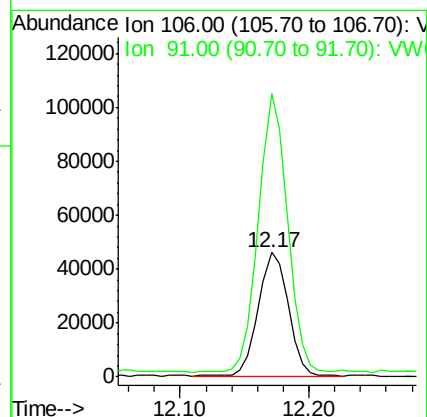
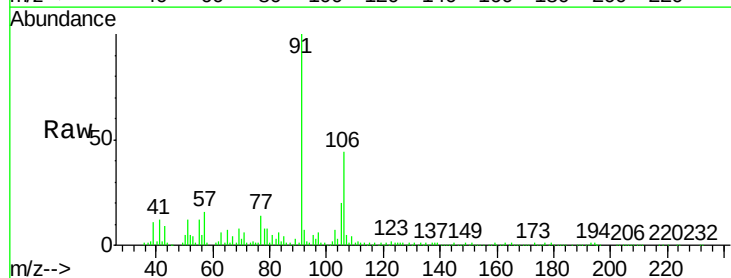
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-29-31-180620

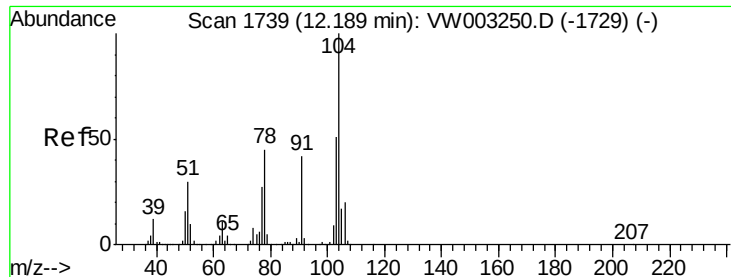
Tgt Ion:106 Resp: 122328
Ion Ratio Lower Upper
106 100
91 206.4 165.4 248.0



#69
o-Xylene
Concen: 19.216 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003511.D
Acq: 24 Jun 2018 15:30

Tgt Ion:106 Resp: 73163
Ion Ratio Lower Upper
106 100
91 217.6 108.6 325.6





#70

Styrene

Concen: 1.606 ug/l

RT: 12.19 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-29-31-180620

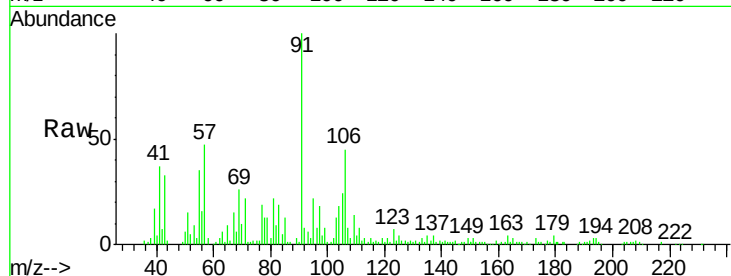
Tgt Ion:104 Resp: 10179

Ion Ratio Lower Upper

104 100

78 138.7 41.3 61.9#

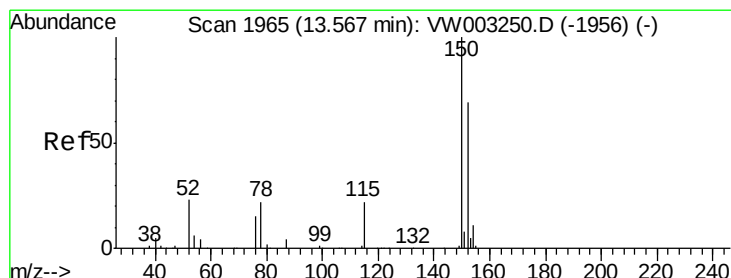
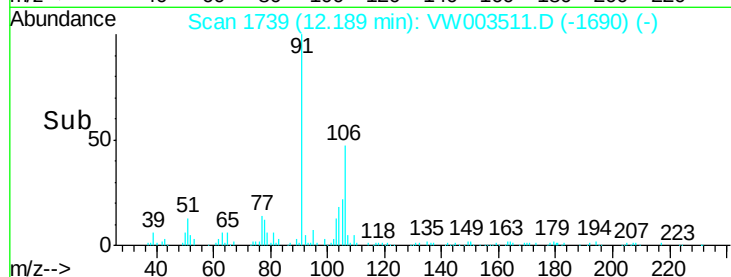
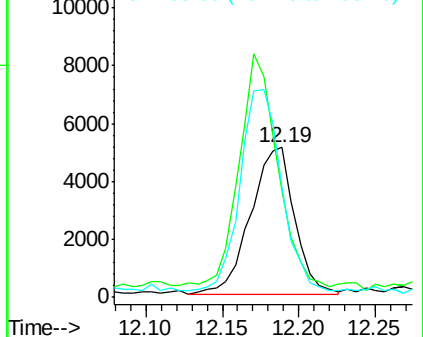
103 128.0 45.0 67.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

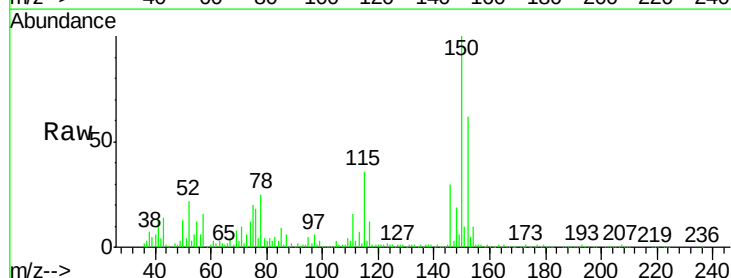
Tgt Ion:152 Resp: 146948

Ion Ratio Lower Upper

152 100

115 64.3 29.3 88.0

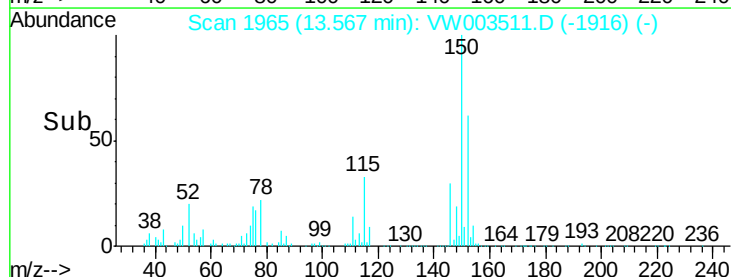
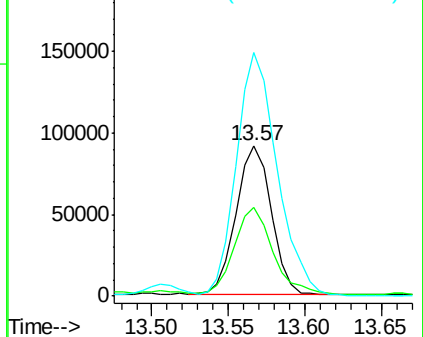
150 187.1 0.0 349.6

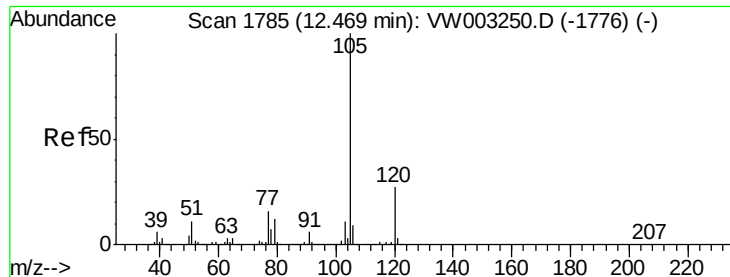


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.862 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

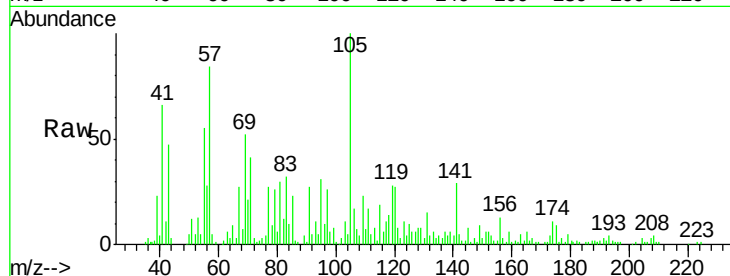
WP021SB483-29-31-180620

Tgt Ion:105 Resp: 29251

Ion Ratio Lower Upper

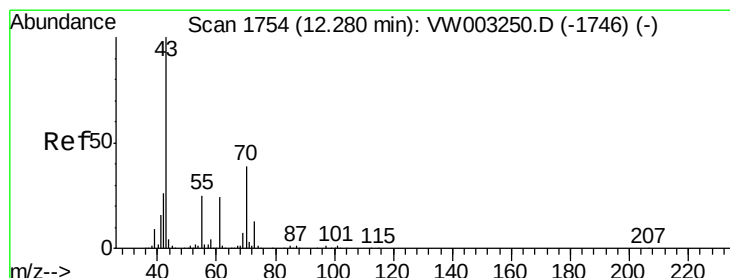
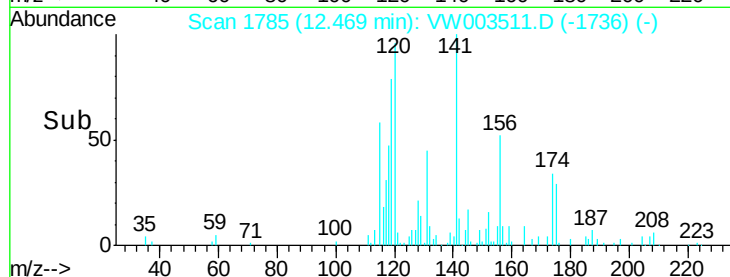
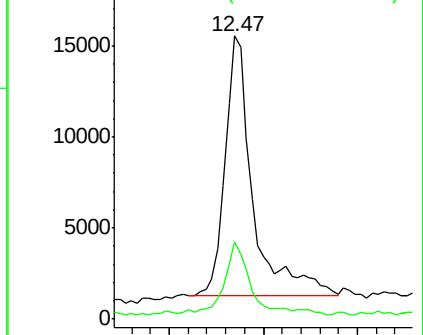
105 100

120 25.1 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: 4.113 ug/l

RT: 12.26 min Scan# 1751

Delta R.T. -0.02 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Tgt Ion: 43 Resp: 9568

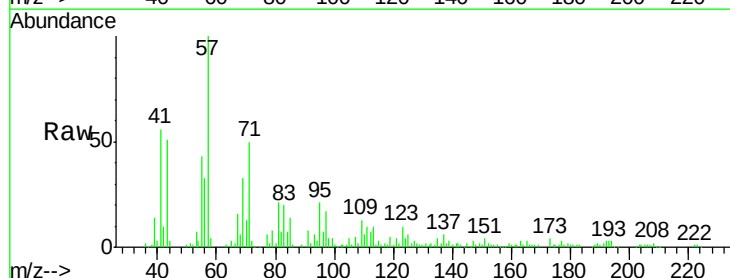
Ion Ratio Lower Upper

43 100

70 19.2 31.0 46.6#

55 0.0 19.7 29.5#

61 0.0 18.1 27.1#

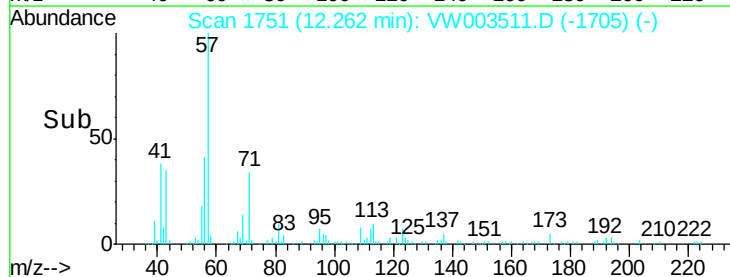
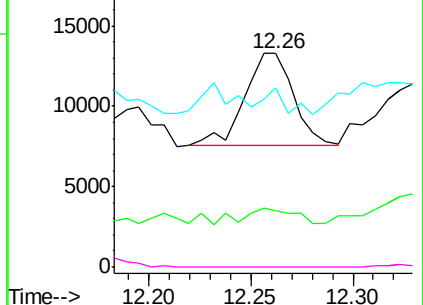


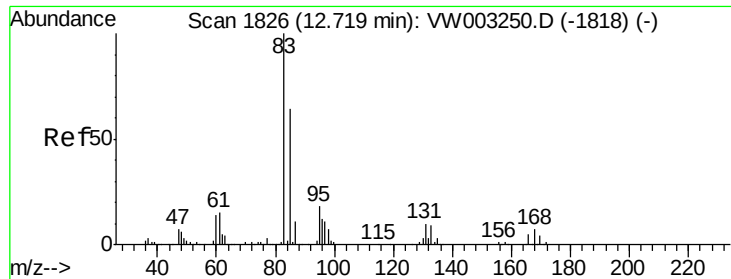
Abundance Ion 43.00 (42.70 to 43.70): VV

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

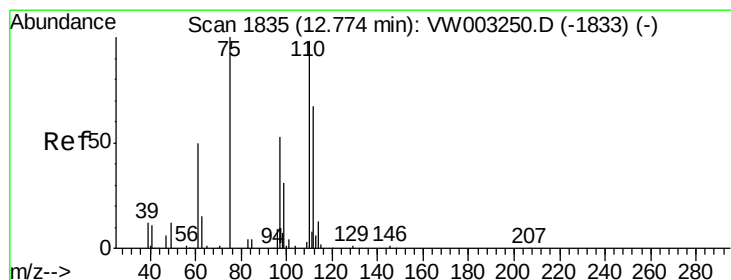
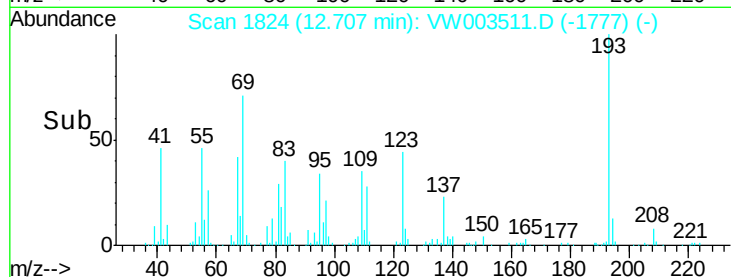
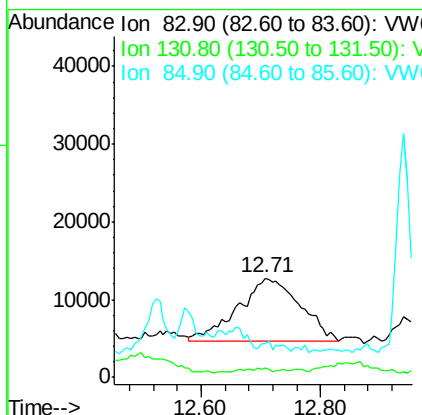
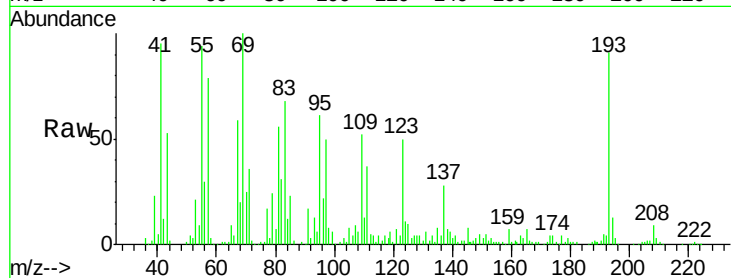




#75
 1,1,2,2-Tetrachloroethane
 Concen: 33.121 ug/l
 RT: 12.71 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

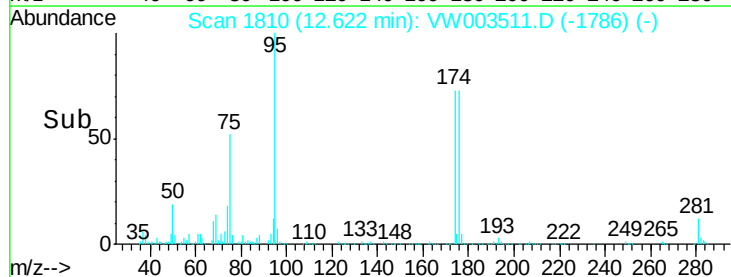
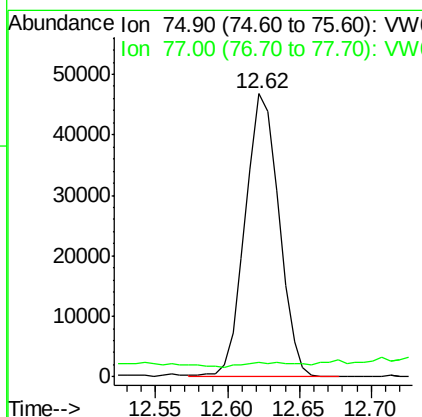
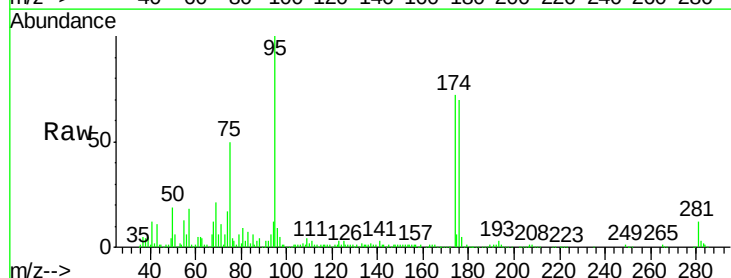
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-29-31-180620

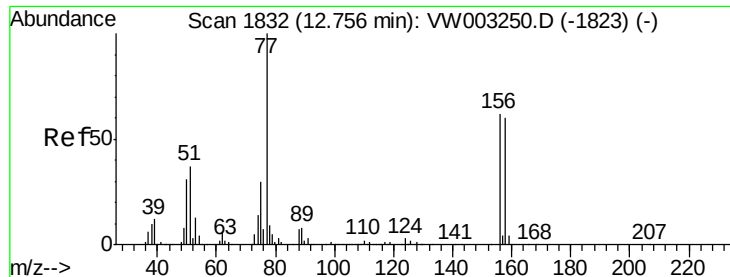
Tgt Ion: 83 Resp: 57271
 Ion Ratio Lower Upper
 83 100
 131 0.9 5.4 16.2#
 85 0.0 31.9 95.7#



#76
 1,2,3-Trichloropropane
 Concen: 60.505 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

Tgt Ion: 75 Resp: 76009
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#77

Bromobenzene

Concen: 36.230 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.20 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-29-31-180620

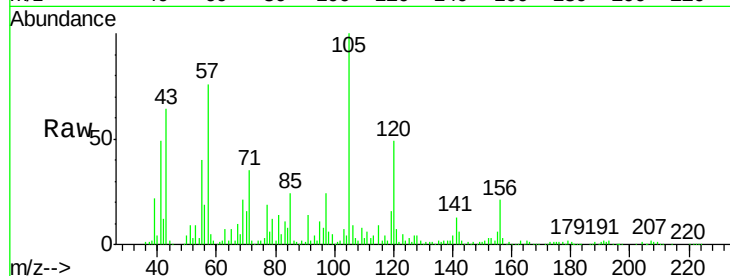
Tgt Ion:156 Resp: 86239

Ion Ratio Lower Upper

156 100

77 21.4 92.3 276.9#

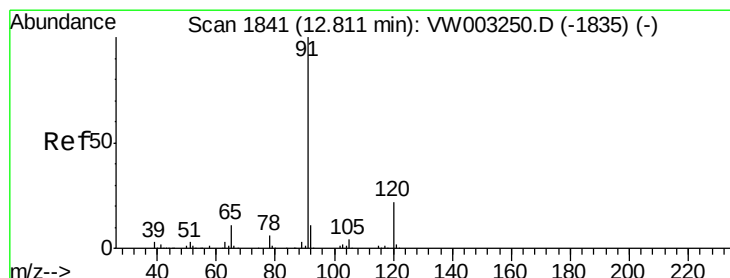
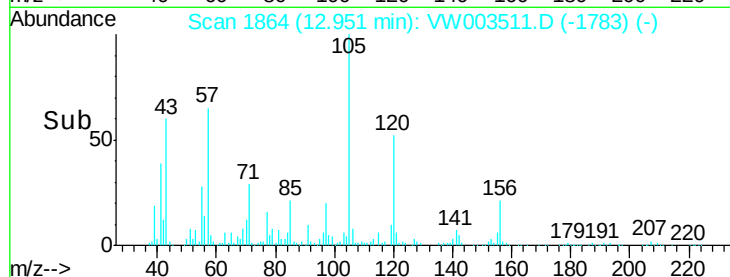
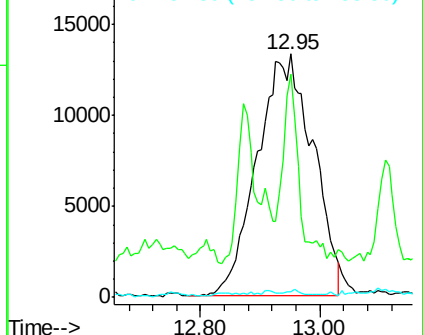
158 0.4 47.5 142.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 3.294 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003511.D

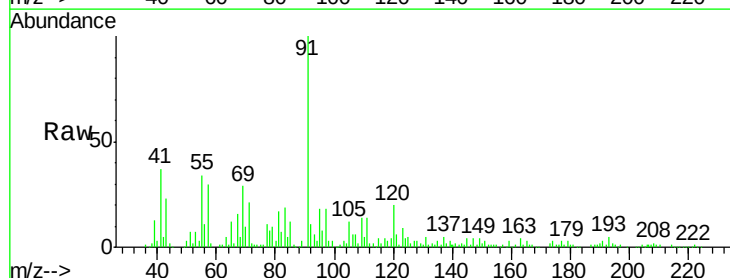
Acq: 24 Jun 2018 15:30

Tgt Ion: 91 Resp: 41226

Ion Ratio Lower Upper

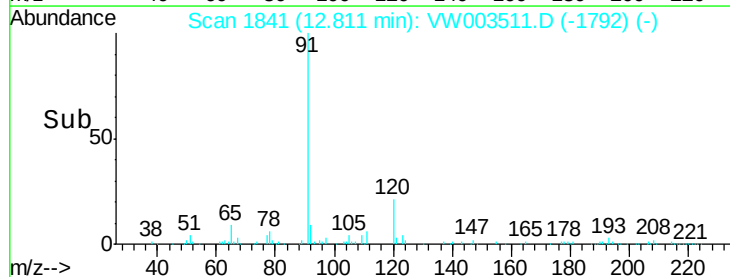
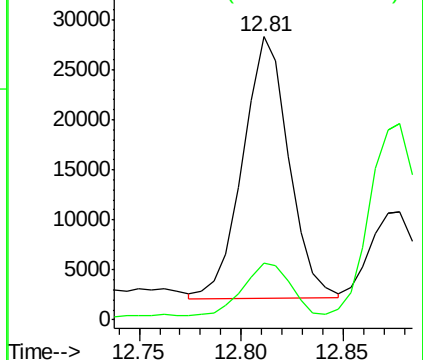
91 100

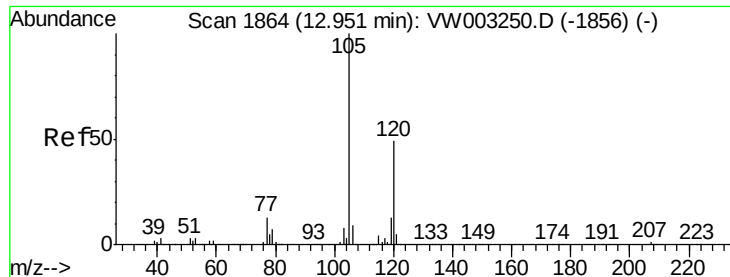
120 20.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

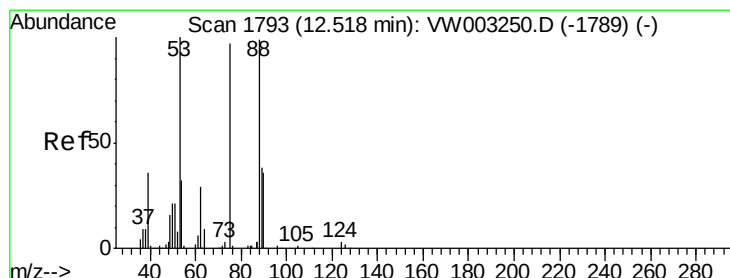
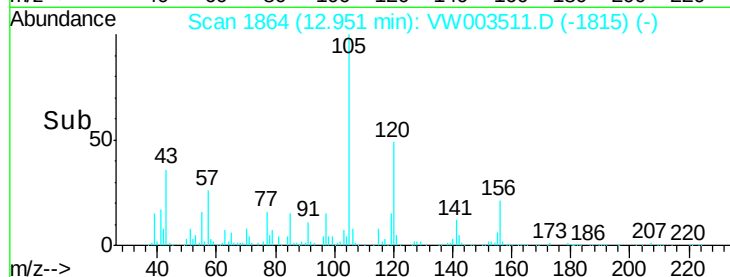
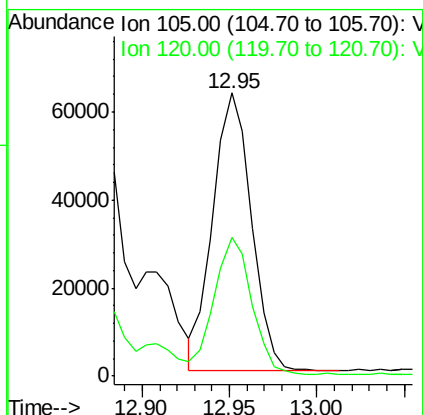
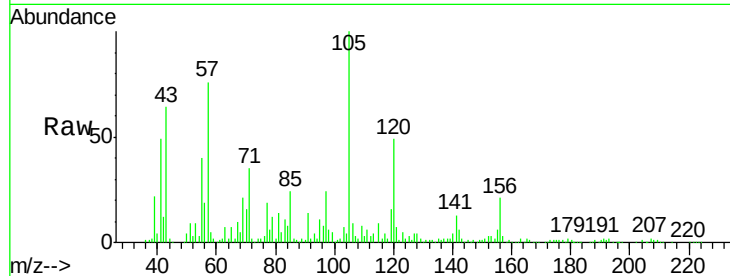




#80
 1,3,5-Trimethylbenzene
 Concen: 11.275 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

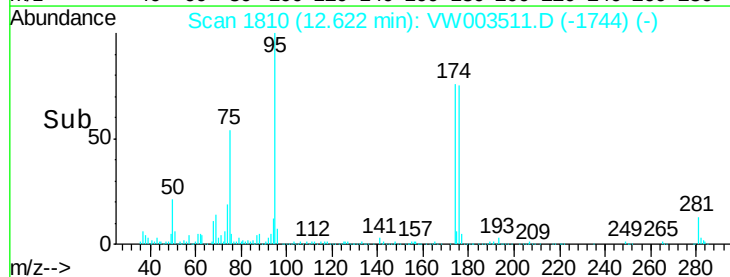
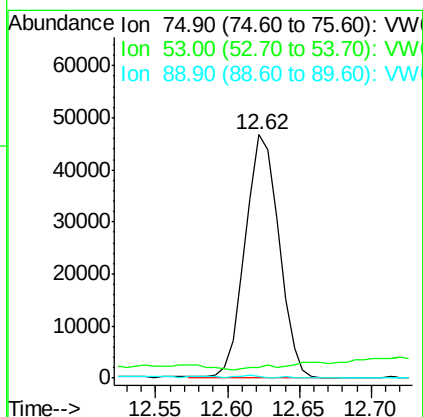
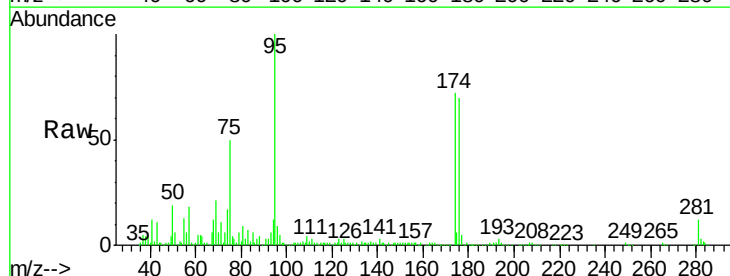
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-29-31-180620

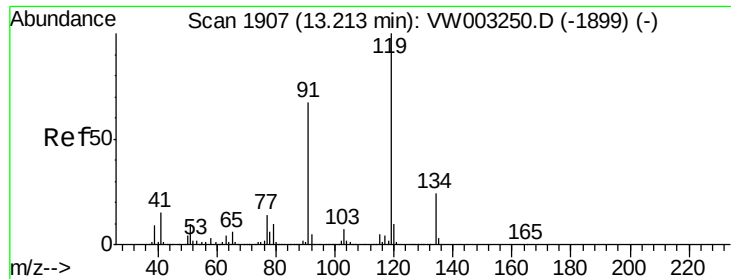
Tgt Ion: 105 Resp: 96728
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.226 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

Tgt Ion: 75 Resp: 76009
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.9 124.3#
 89 0.6 36.7 55.1#

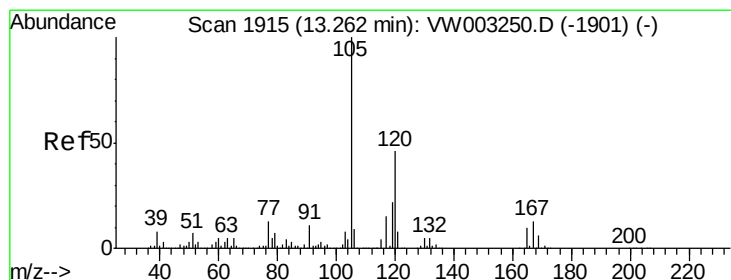
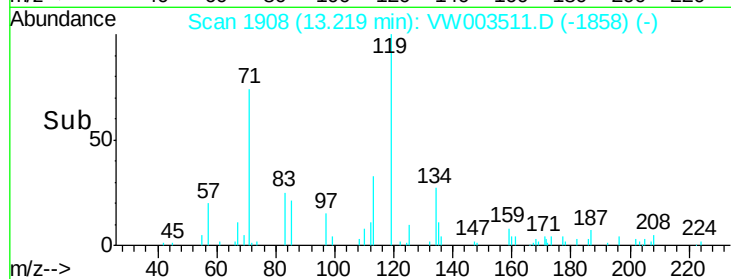
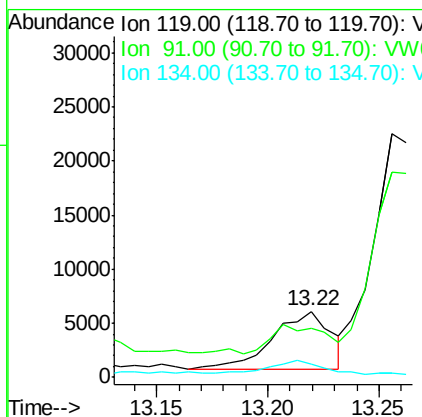
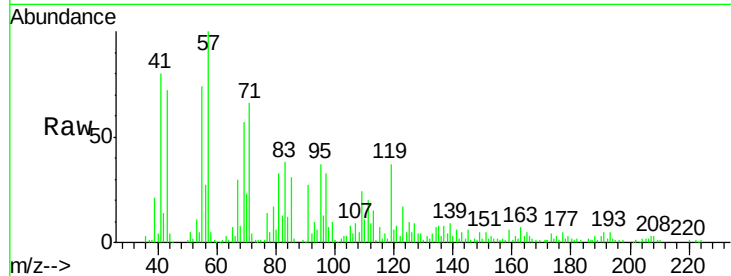




#83
 tert-Butylbenzene
 Concen: 1.331 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

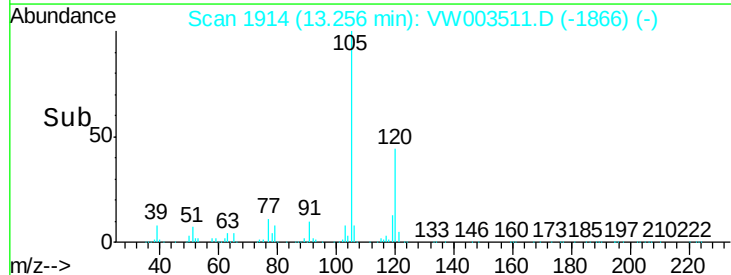
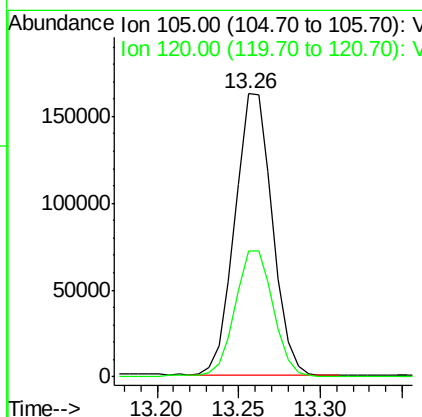
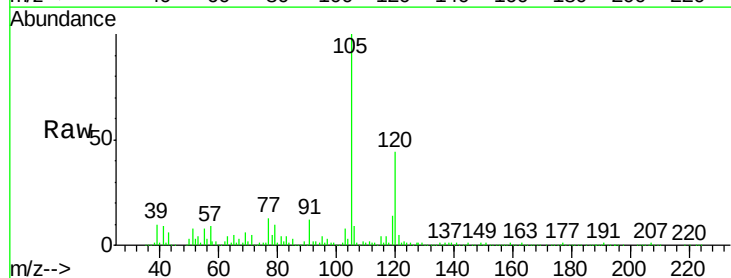
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-29-31-180620

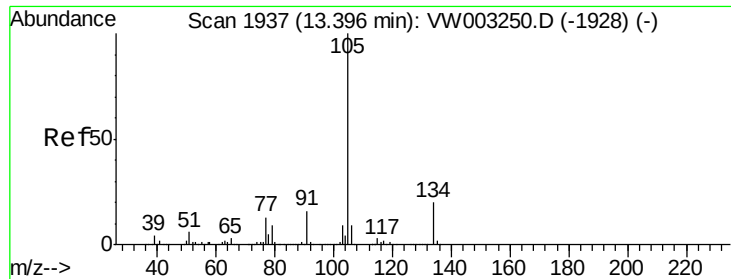
Tgt Ion:119 Resp: 9729
 Ion Ratio Lower Upper
 119 100
 91 45.7 33.9 101.7
 134 19.6 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 29.362 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

Tgt Ion:105 Resp: 259123
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.5 67.5

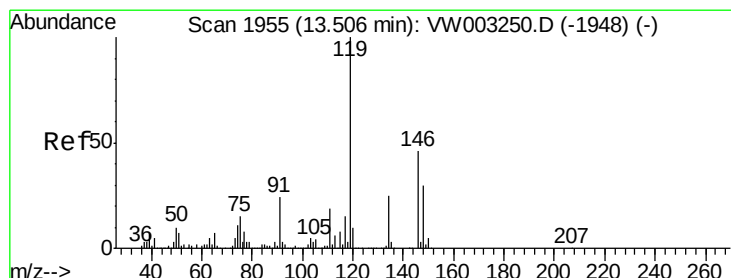
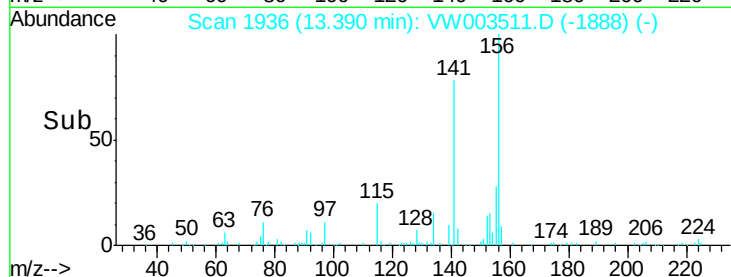
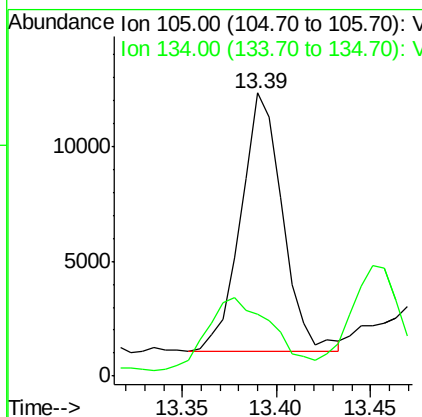
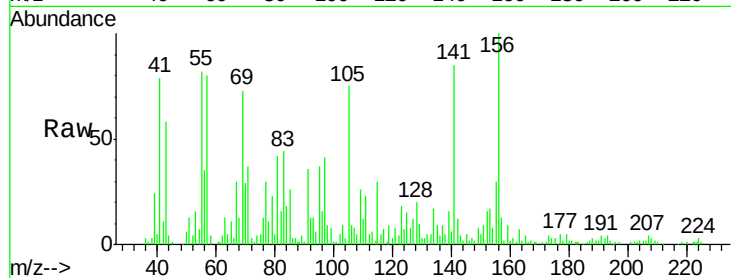




#85
 sec-Butylbenzene
 Concen: 1.585 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

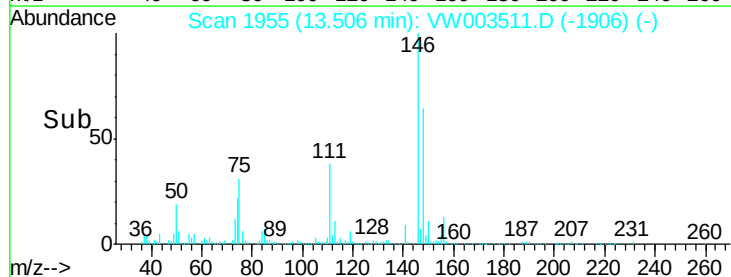
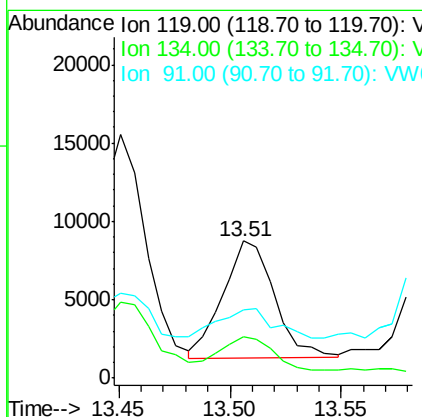
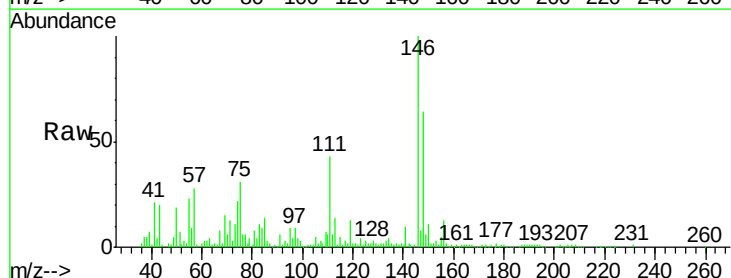
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-29-31-180620

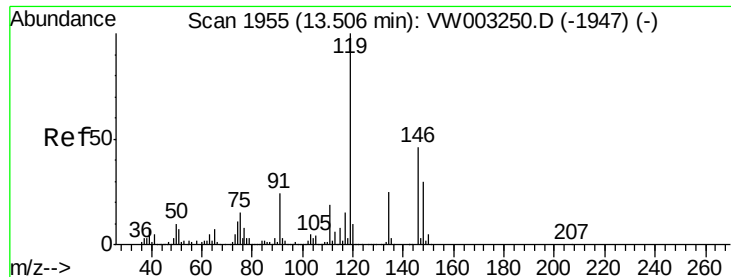
Tgt Ion:105 Resp: 17227
 Ion Ratio Lower Upper
 105 100
 134 45.3 9.8 29.5#



#86
 p-Isopropyltoluene
 Concen: 1.254 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

Tgt Ion:119 Resp: 12022
 Ion Ratio Lower Upper
 119 100
 134 31.0 12.9 38.7
 91 27.1 11.8 35.3

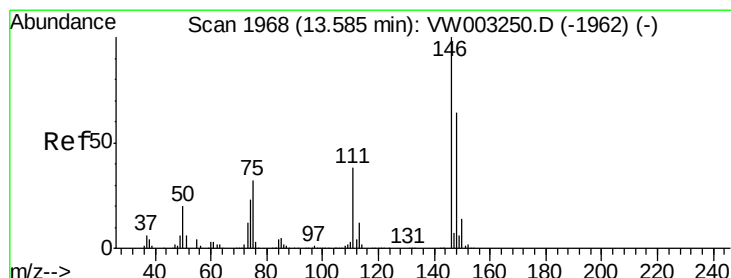
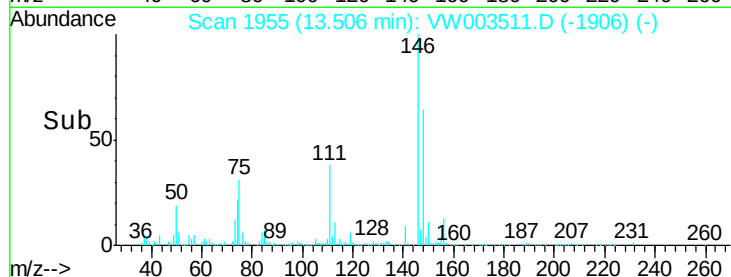
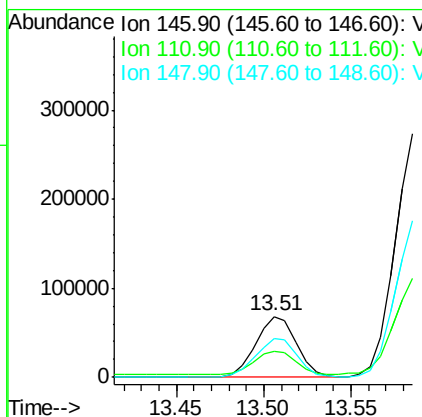
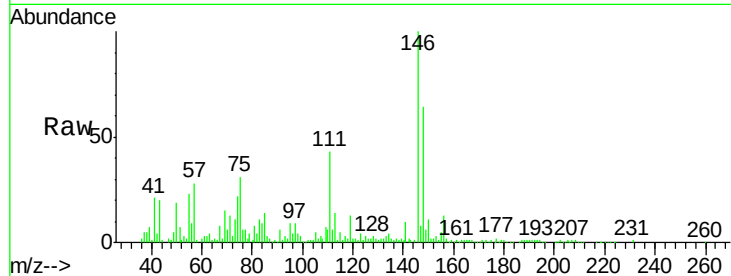




#87
 1,3-Dichlorobenzene
 Concen: 22.341 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

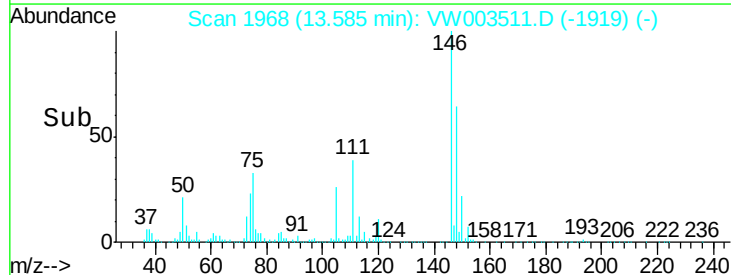
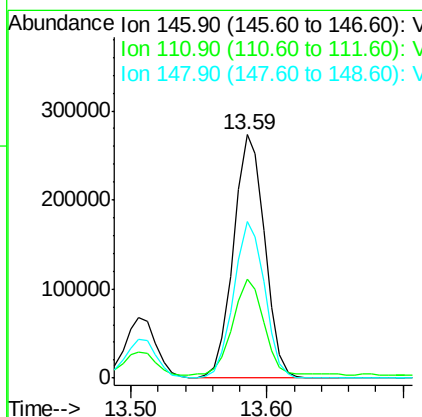
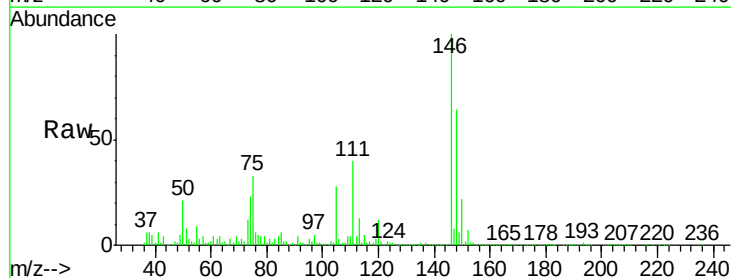
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-29-31-180620

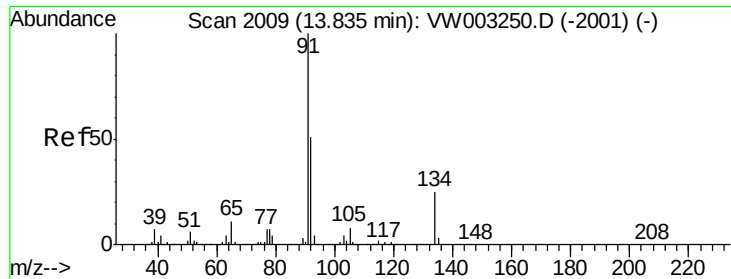
Tgt Ion:146 Resp: 109246
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.8 59.4
 148 65.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 89.301 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

Tgt Ion:146 Resp: 434116
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.2 57.6
 148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 1.005 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-29-31-180620

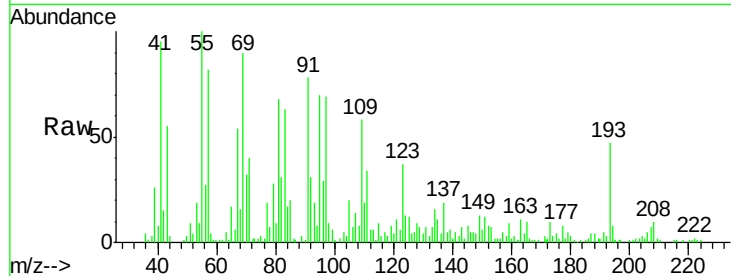
Tgt Ion: 91 Resp: 9390

Ion Ratio Lower Upper

91 100

92 63.6 26.0 78.0

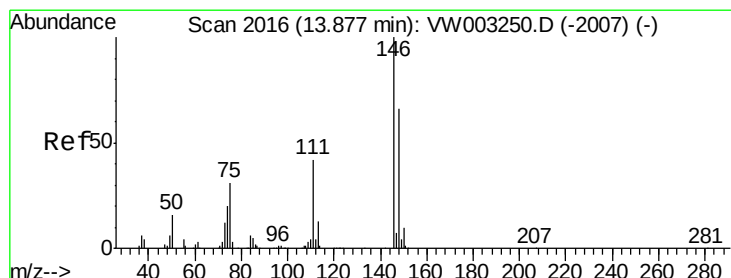
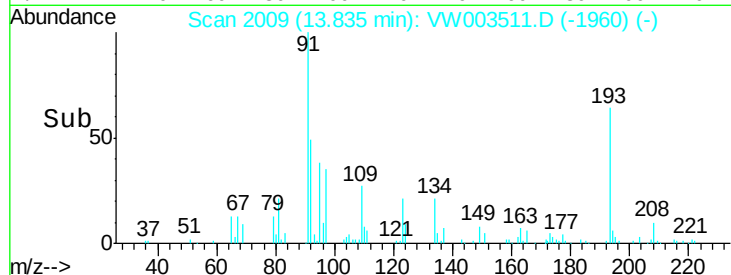
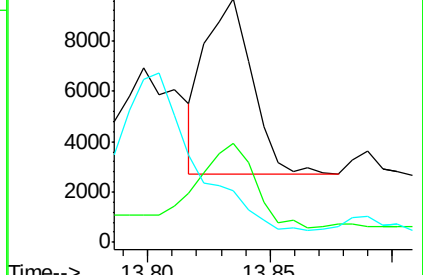
134 0.0 12.7 38.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#91

1,2-Dichlorobenzene

Concen: 560.591 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003511.D

Acq: 24 Jun 2018 15:30

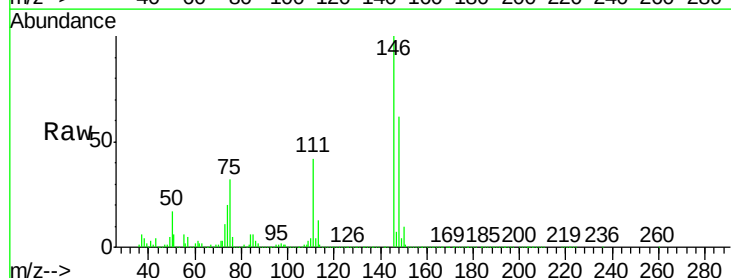
Tgt Ion:146 Resp: 2401228

Ion Ratio Lower Upper

146 100

111 41.6 20.3 61.0

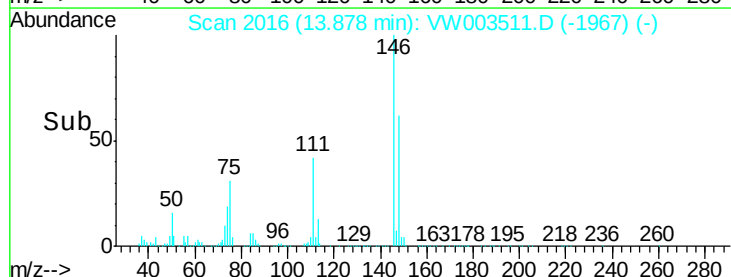
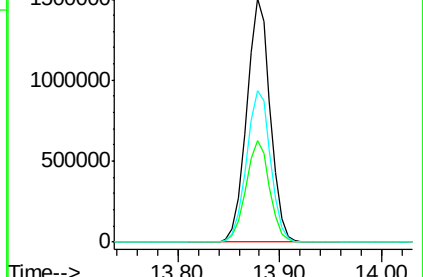
148 63.8 32.3 96.9

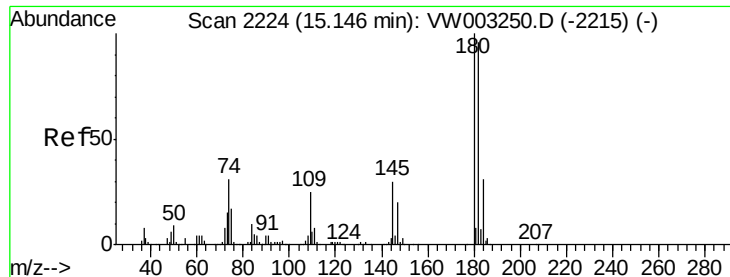


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

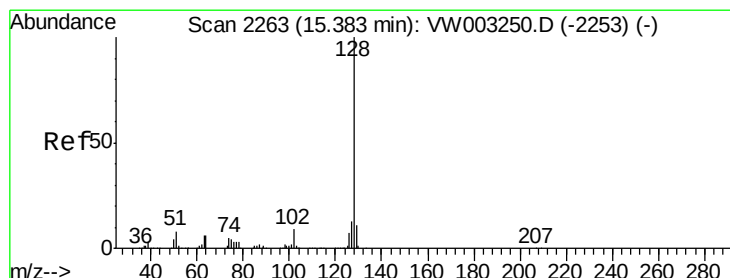
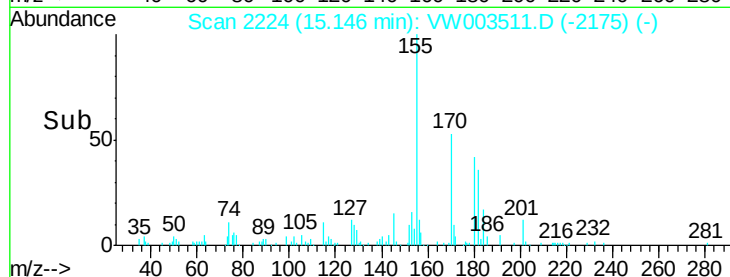
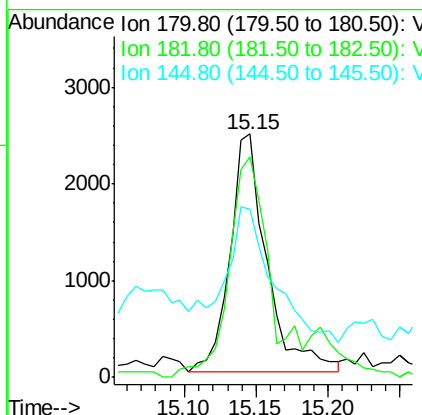
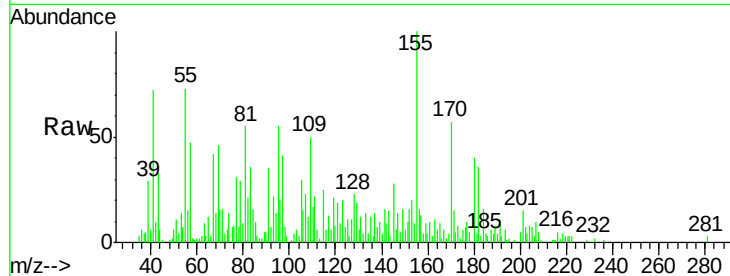




#93
 1,2,4-Trichlorobenzene
 Concen: 1.476 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-29-31-180620

Tgt Ion:180 Resp: 4437
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.9 143.6
 145 69.0 15.2 45.5#



#95
 Naphthalene
 Concen: 37.911 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: VW003511.D
 Acq: 24 Jun 2018 15:30

Tgt Ion:128 Resp: 193375
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.5 15.7
 129 10.9 8.9 13.3

