

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003491.D
 Acq On : 24 Jun 2018 06:13
 Operator : SY/AP
 Sample : J3670-11
 Misc : 6.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-19-21-180621

Quant Time: Jun 25 02:47:30 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	203784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	345037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	310379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153137	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	128744	58.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.66%	
35) Dibromofluoromethane	7.89	113	111685	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.33	98	397712	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.63	95	149203	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds						Qvalue
3) Chloromethane	2.36	50	9561	6.142	ug/l #	48
4) Vinyl Chloride	2.36	62	1446750	637.554	ug/l	99
6) Chloroethane	2.93	64	11979	7.584	ug/l	98
11) Tert butyl alcohol	5.23	59	1244	10.509	ug/l	99
12) 1,1-Dichloroethene	4.03	96	2427	1.316	ug/l #	83
16) Acetone	4.15	43	53463	115.487	ug/l	98
17) Carbon Disulfide	4.37	76	91922	16.855	ug/l	99
20) Methylene Chloride	4.92	84	18232	6.044	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	21314	10.616	ug/l	93
24) 1,1-Dichloroethane	6.22	63	13027	3.412	ug/l	98
25) 2-Butanone	7.19	43	7165	12.447	ug/l #	1
27) cis-1,2-Dichloroethene	7.17	96	2949192	1337.202	ug/l	93
29) Tetrahydrofuran	7.55	42	1228	3.490	ug/l #	48
31) Cyclohexane	7.96	56	8689	2.436	ug/l #	46
36) 1,1-Dichloropropene	7.95	75	17327	5.200	ug/l #	50
37) Ethyl Acetate	7.19	43	7165	5.190	ug/l #	69
38) Carbon Tetrachloride	7.95	117	20726	6.341	ug/l #	16
39) Methylcyclohexane	9.34	83	29691	7.701	ug/l	91
40) Benzene	8.33	78	76527	8.332	ug/l	97
42) 1,2-Dichloroethane	8.41	62	4445	1.545	ug/l	99
44) Trichloroethene	9.10	130	2491	1.024	ug/l	74
51) 4-Methyl-2-Pentanone	10.22	43	19851	14.213	ug/l	99
52) Toluene	10.39	92	715782	121.527	ug/l	100
53) t-1,3-Dichloropropene	10.39	75	9595	3.061	ug/l #	1
55) 1,1,2-Trichloroethane	10.77	97	3257	1.930	ug/l #	27
59) 2-Hexanone	10.84	43	3610	3.700	ug/l	73
65) Chlorobenzene	11.66	112	553752	85.675	ug/l	99
67) Ethyl Benzene	11.74	91	97665	8.524	ug/l	99
68) m/p-Xylenes	11.84	106	97783	22.452	ug/l	99
69) o-Xylene	12.17	106	16385	4.059	ug/l	90
73) Isopropylbenzene	12.47	105	53229	4.997	ug/l	99
74) N-amyl acetate	12.26	43	2650	1.093	ug/l #	58
76) 1,2,3-Trichloropropane	12.63	75	79933	61.057	ug/l #	100
78) n-propylbenzene	12.81	91	83030	6.366	ug/l	99

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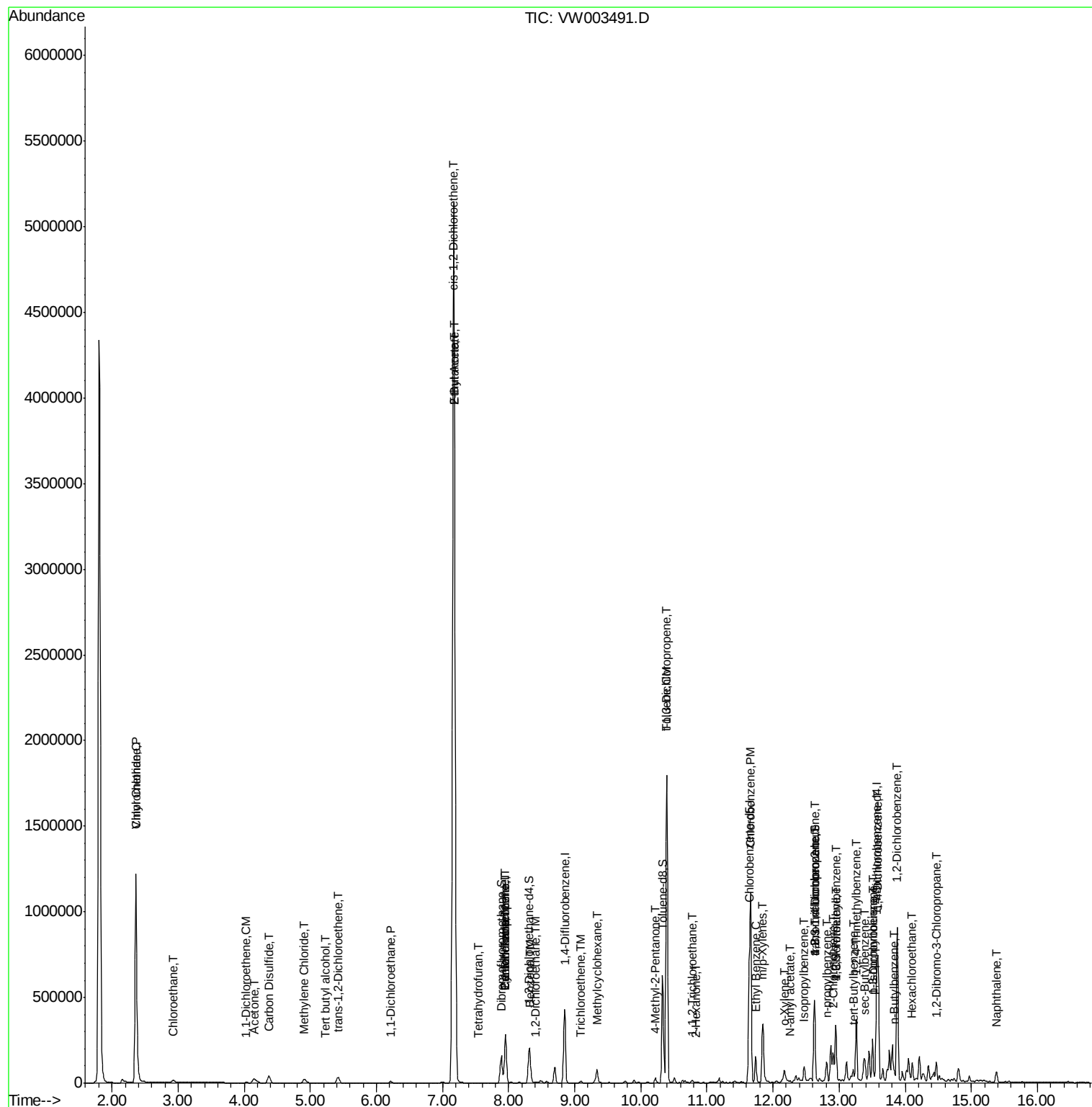
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	12.91	91	9301	1.262	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.95	105	133848	14.971	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.63	75	79933	140.497	ug/l #	9
82) 4-Chlorotoluene	12.95	91	14420	1.844	ug/l #	41
83) tert-Butylbenzene	13.21	119	30055	3.945	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	197111	21.433	ug/l	100
85) sec-Butylbenzene	13.39	105	63413	5.599	ug/l #	45
86) p-Isopropyltoluene	13.51	119	51626	5.168	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	53424	10.484	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	168843	33.329	ug/l	99
89) n-Butylbenzene	13.83	91	29447	3.024	ug/l #	79
90) Hexachloroethane	14.10	117	5183	2.868	ug/l #	10
91) 1,2-Dichlorobenzene	13.88	146	327398	73.345	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	739	2.437	ug/l #	4
95) Naphthalene	15.38	128	52194	9.819	ug/l	97

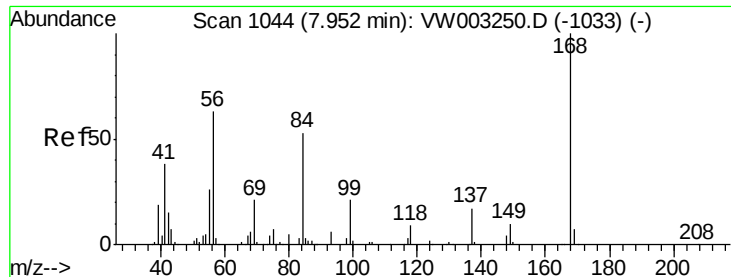
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

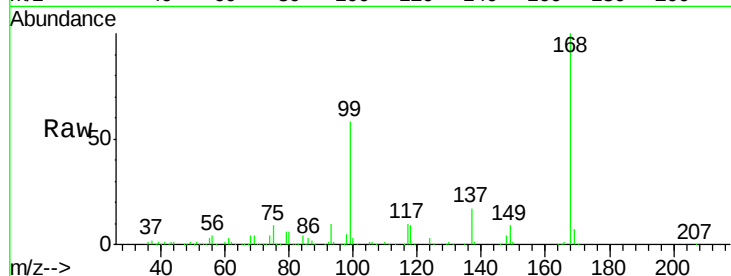
WP021SB477-19-21-180621

Tgt Ion:168 Resp: 203784

Ion Ratio Lower Upper

168 100

99 58.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

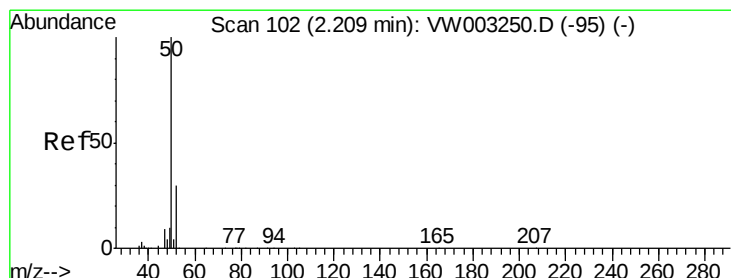
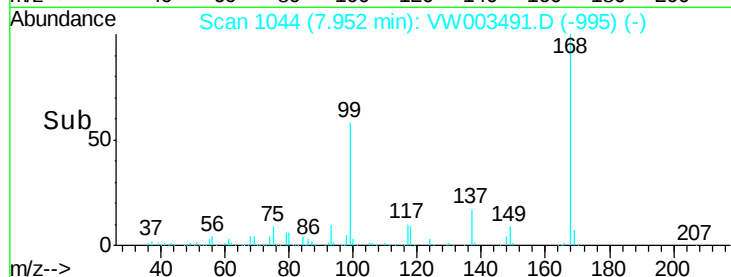
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 6.142 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.15 min

Lab File: VW003491.D

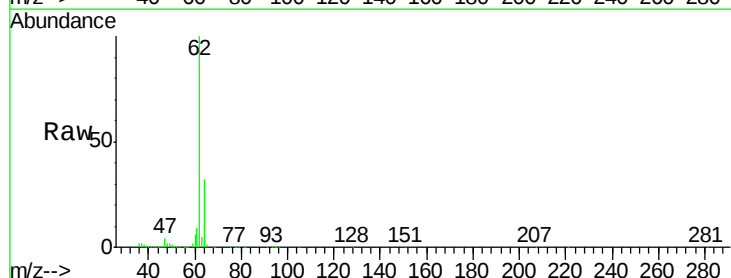
Acq: 24 Jun 2018 06:13

Tgt Ion: 50 Resp: 9561

Ion Ratio Lower Upper

50 100

52 1.7 24.2 36.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.36

5000

4000

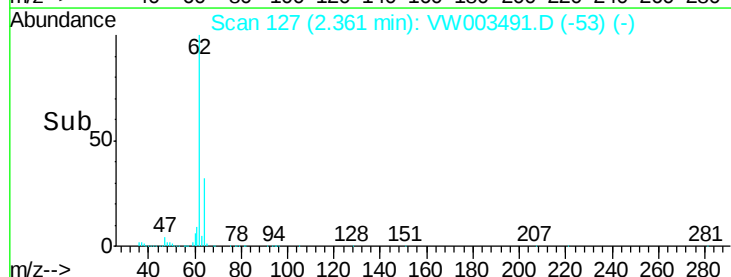
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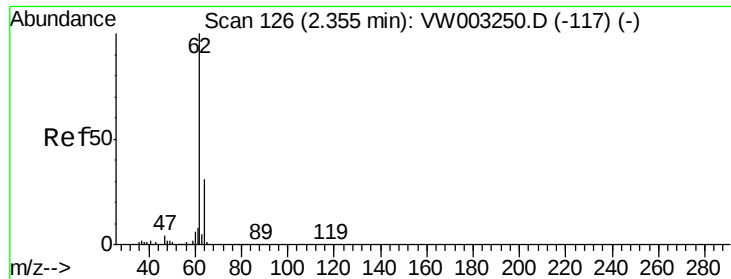
2000

1000

0

Time-->





#4

Vinyl Chloride

Concen: 637.554 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

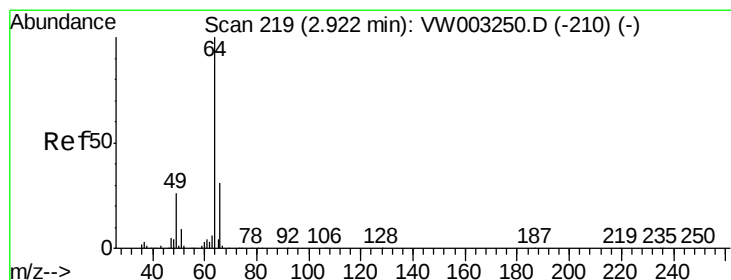
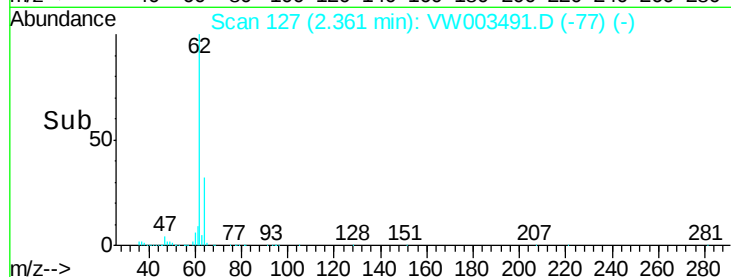
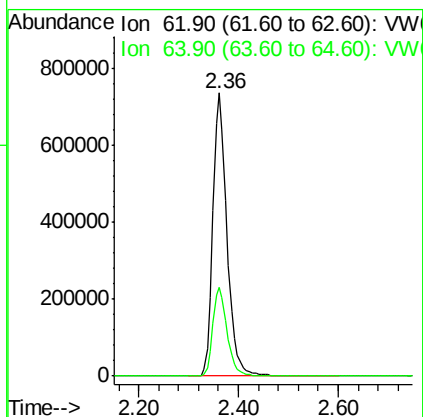
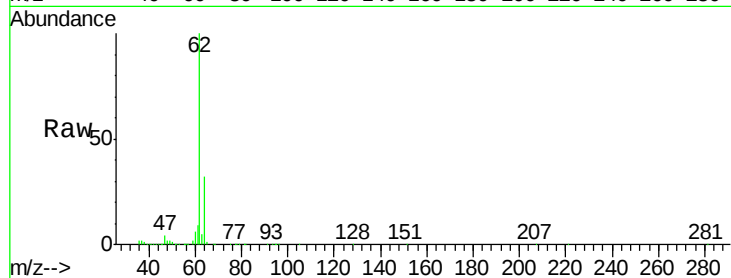
WP021SB477-19-21-180621

Tgt Ion: 62 Resp: 1446750

Ion Ratio Lower Upper

62 100

64 31.6 24.9 37.3



#6

Chloroethane

Concen: 7.584 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW003491.D

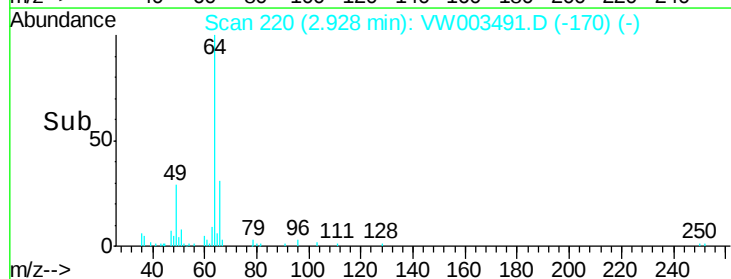
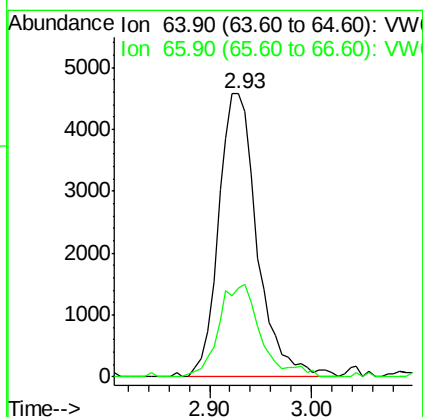
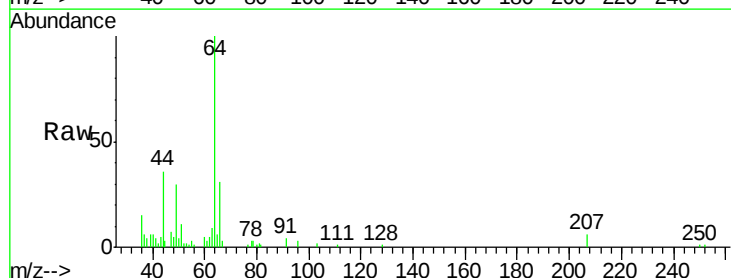
Acq: 24 Jun 2018 06:13

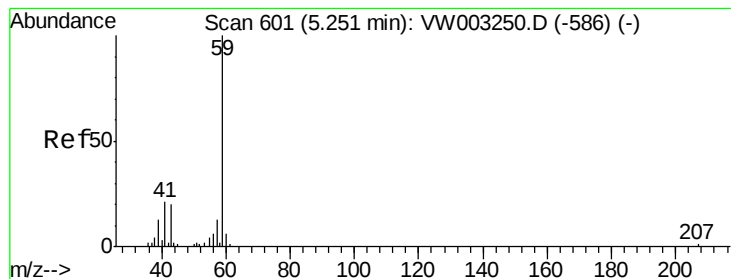
Tgt Ion: 64 Resp: 11979

Ion Ratio Lower Upper

64 100

66 31.4 24.4 36.6



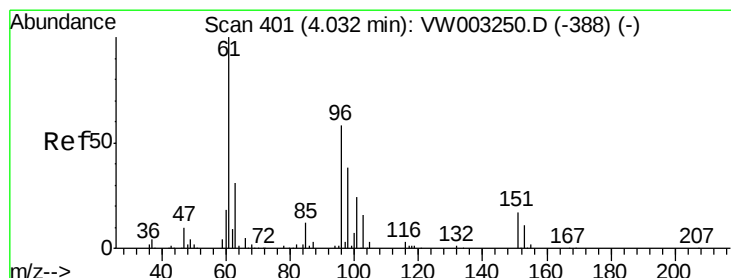
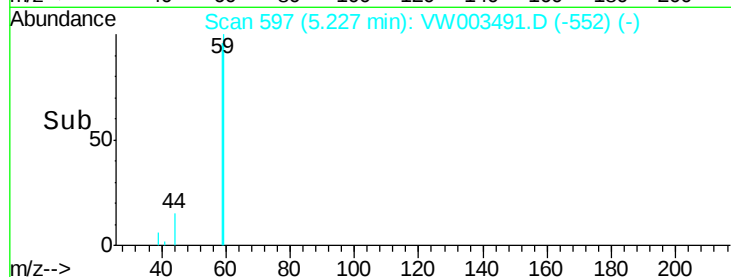
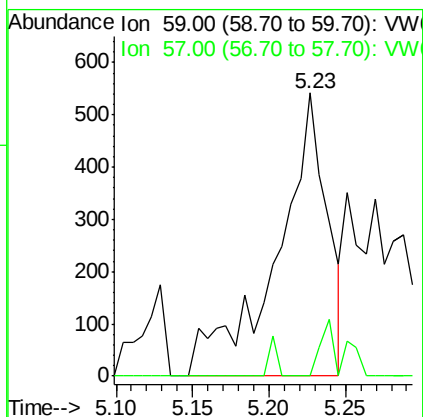
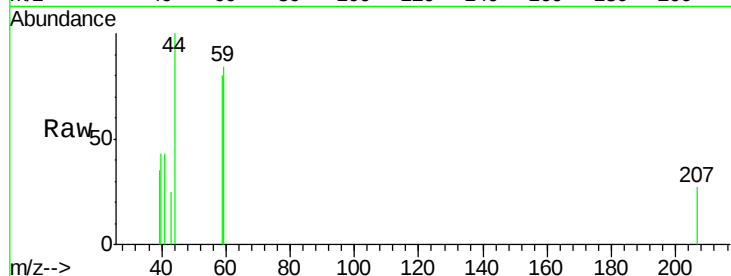


#11

Tert butyl alcohol
Concen: 10.509 ug/l
RT: 5.23 min Scan# 597
Delta R.T. -0.02 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

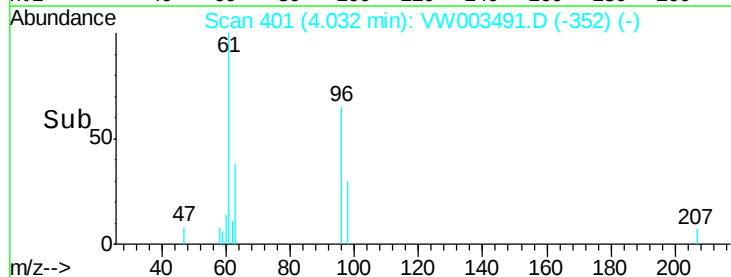
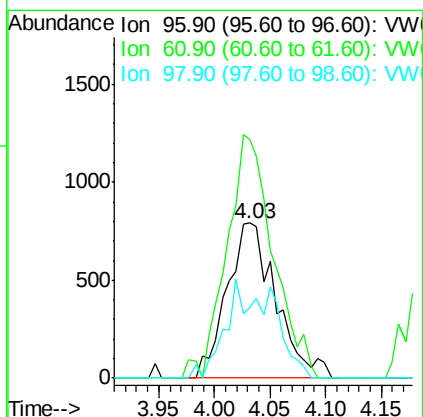
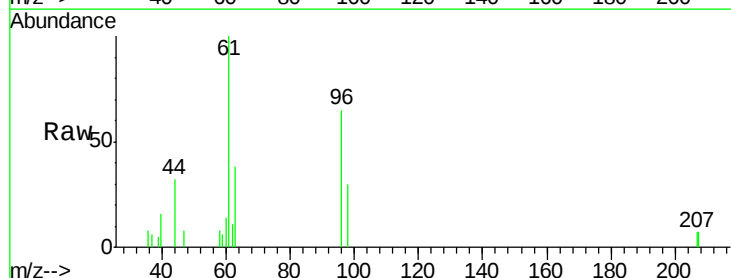
Tgt Ion: 59 Resp: 1244
Ion Ratio Lower Upper
59 100
57 4.8 4.2 6.2

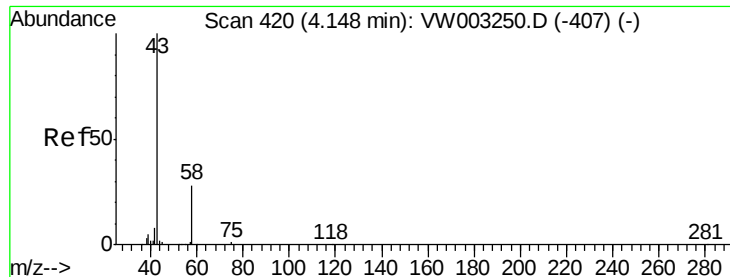


#12

1,1-Dichloroethene
Concen: 1.316 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Tgt Ion: 96 Resp: 2427
Ion Ratio Lower Upper
96 100
61 154.3 139.0 208.4
98 45.7 53.3 79.9#

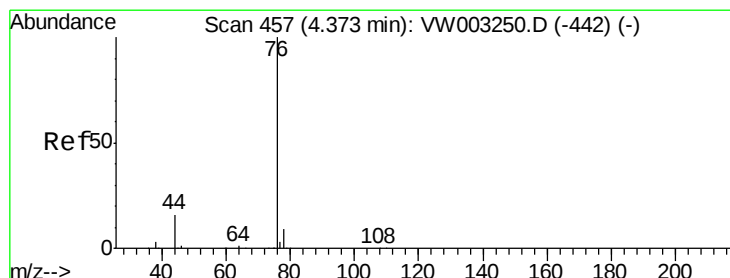
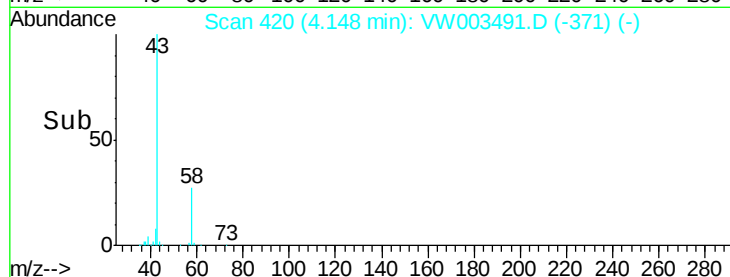
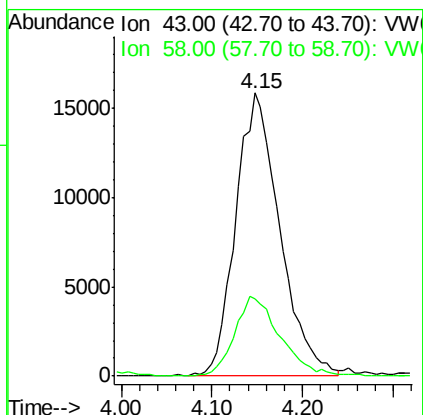
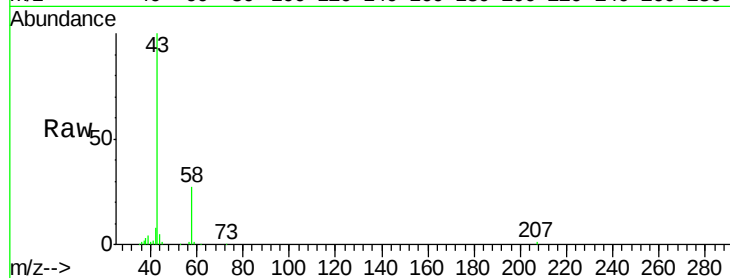




#16
Acetone
Concen: 115.487 ug/l
RT: 4.15 min Scan# 420
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

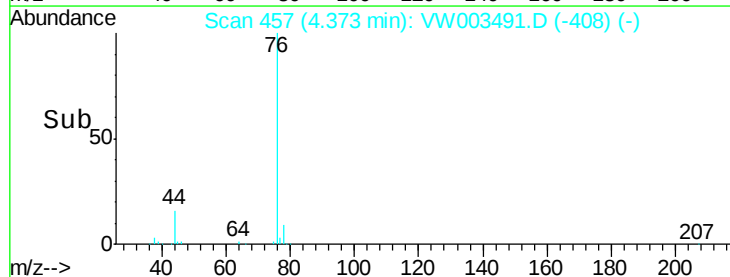
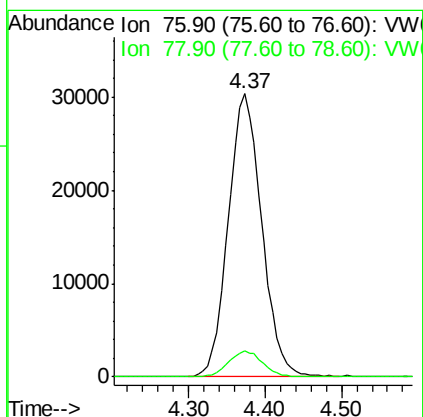
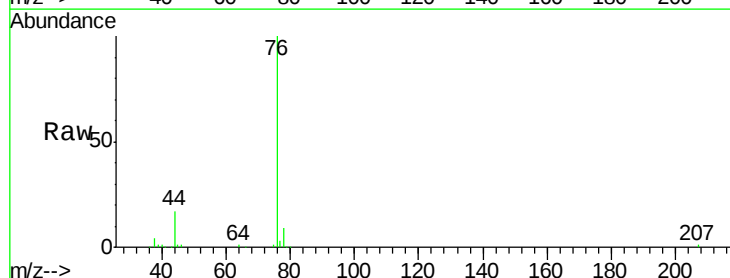
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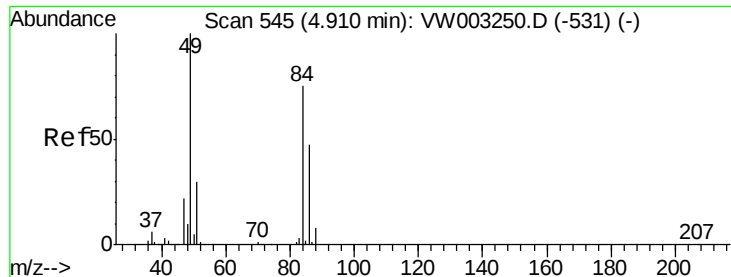
Tgt Ion: 43 Resp: 53463
Ion Ratio Lower Upper
43 100
58 27.3 22.6 34.0



#17
Carbon Disulfide
Concen: 16.855 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Tgt Ion: 76 Resp: 91922
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

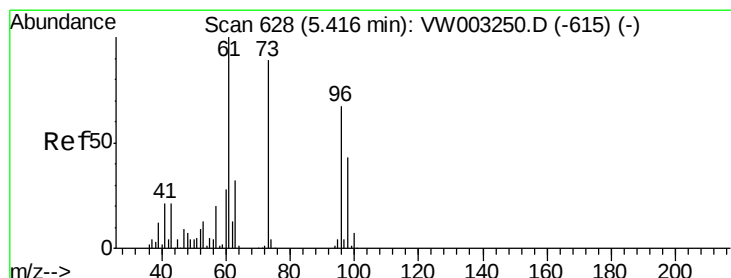
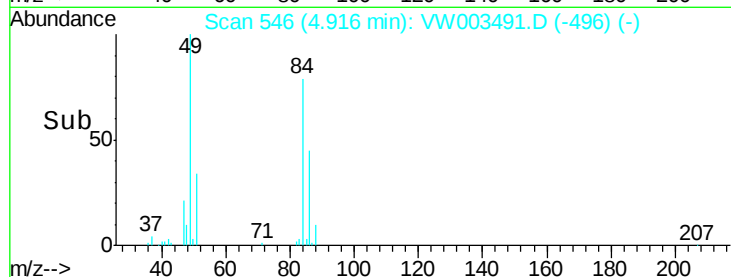
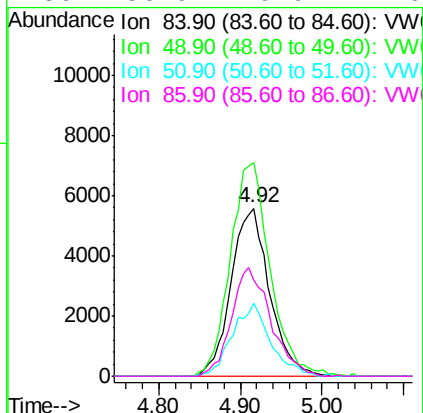
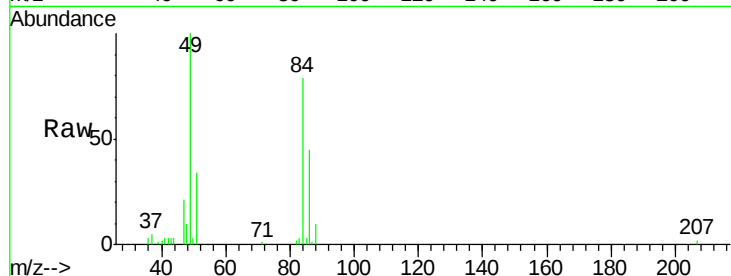




#20
Methylene Chloride
Concen: 6.044 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

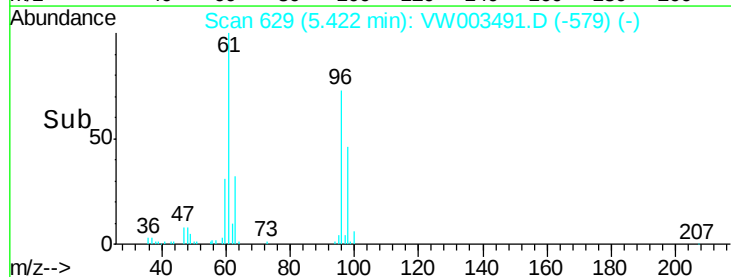
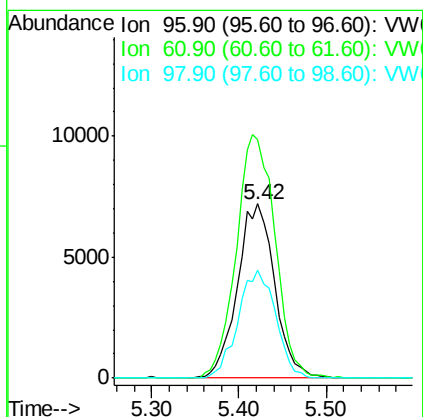
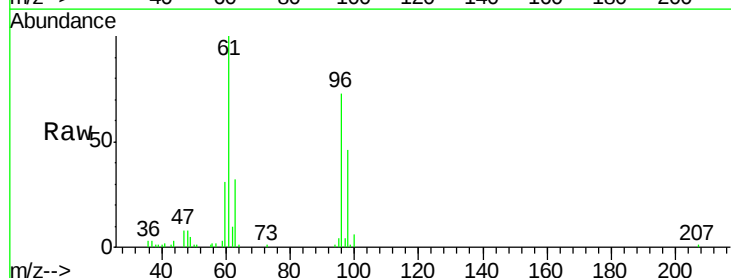
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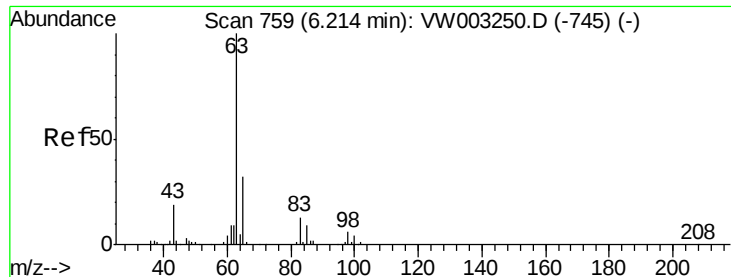
Tgt Ion: 84 Resp: 18232
Ion Ratio Lower Upper
84 100
49 127.3 106.3 159.5
51 43.2 32.0 48.0
86 56.9 49.9 74.9



#21
trans-1,2-Dichloroethene
Concen: 10.616 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.01 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Tgt Ion: 96 Resp: 21314
Ion Ratio Lower Upper
96 100
61 136.8 118.7 178.1
98 62.3 51.0 76.6





#24

1,1-Dichloroethane

Concen: 3.412 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

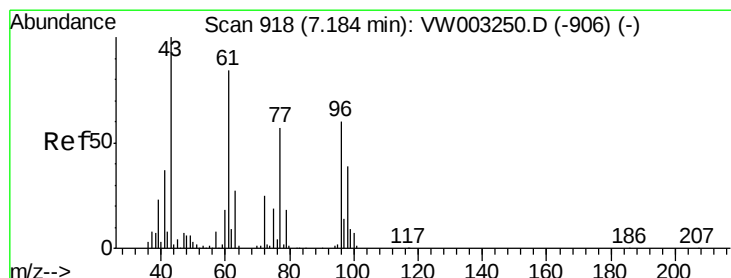
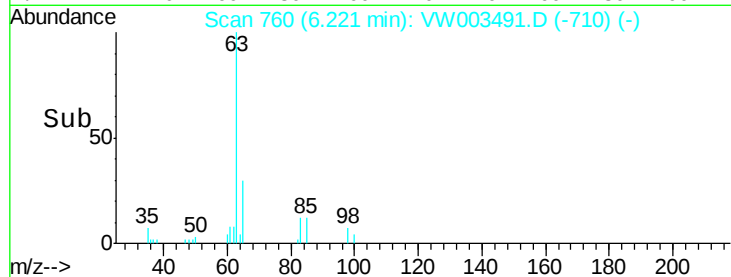
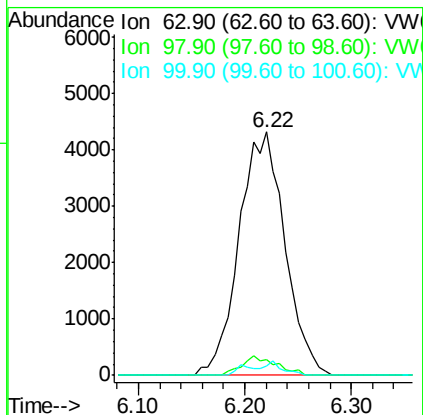
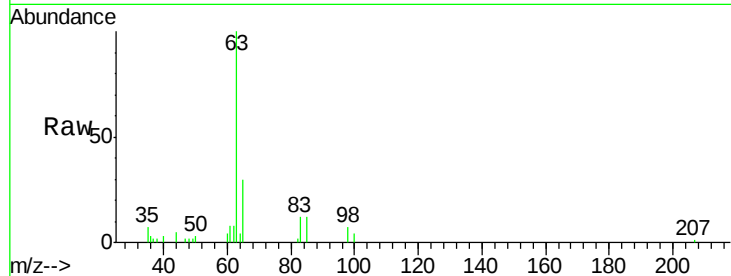
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Tgt Ion:	63	Resp:	13027
Ion	Ratio	Lower	Upper
63	100		
98	6.6	2.8	8.3
100	3.8	2.1	6.5



#25

2-Butanone

Concen: 12.447 ug/l

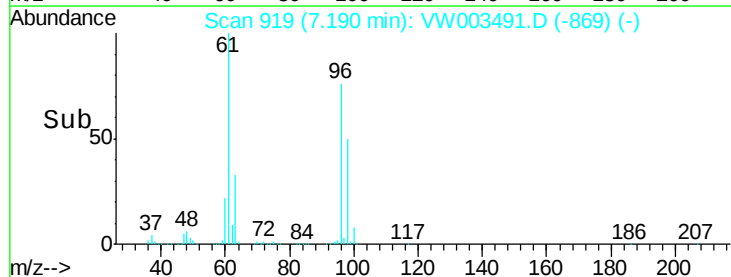
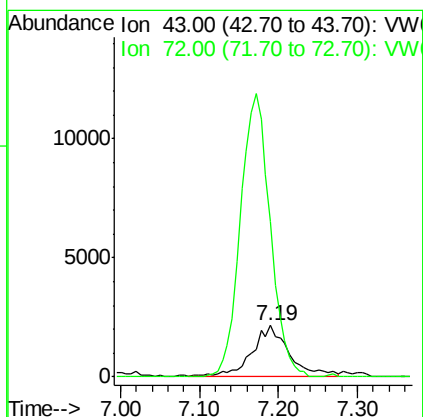
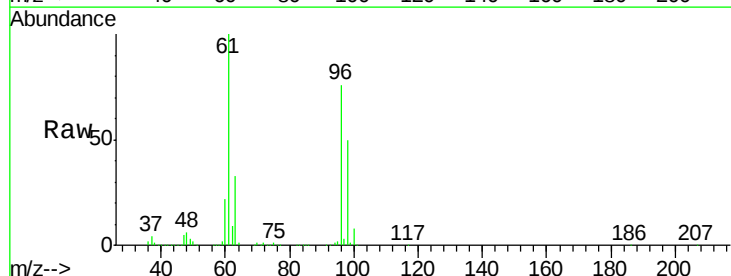
RT: 7.19 min Scan# 919

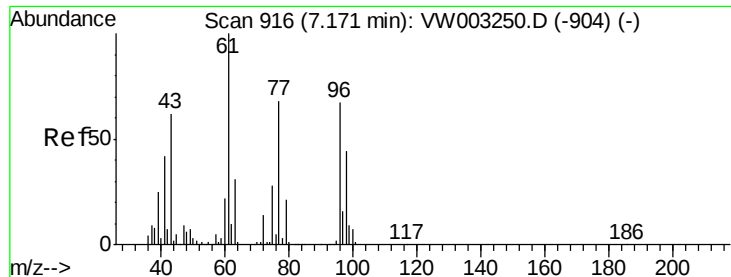
Delta R.T. 0.01 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Tgt Ion:	43	Resp:	7165
Ion	Ratio	Lower	Upper
43	100		
72	300.6	20.3	30.5#



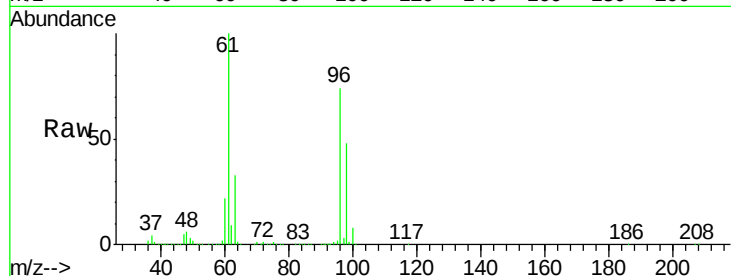


#27

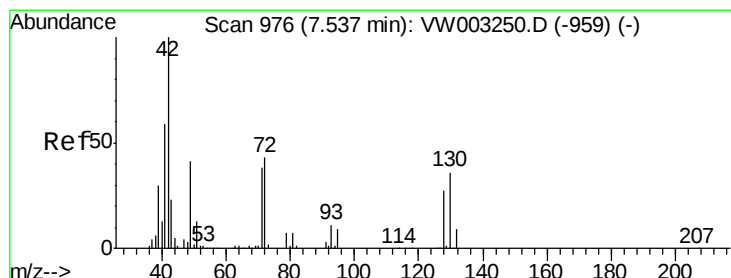
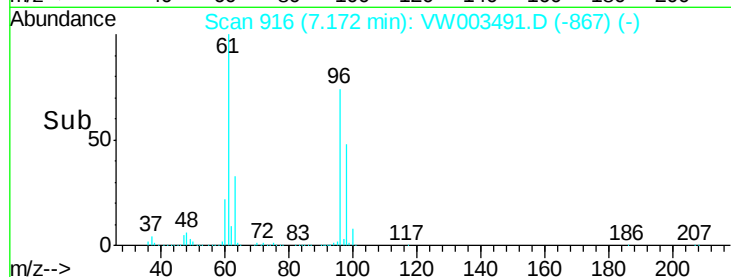
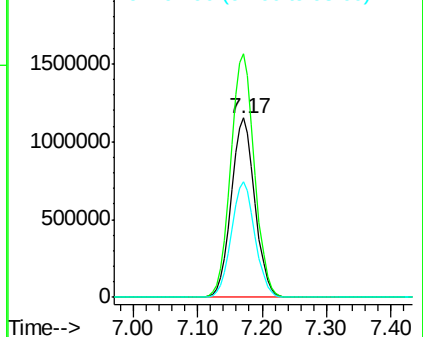
cis-1,2-Dichloroethene
 Concen: 1337.202 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-19-21-180621

Tgt Ion: 96 Resp: 2949192
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 298.8
 98 64.5 0.0 130.4



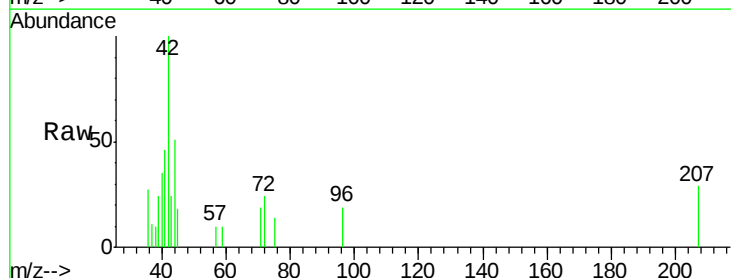
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



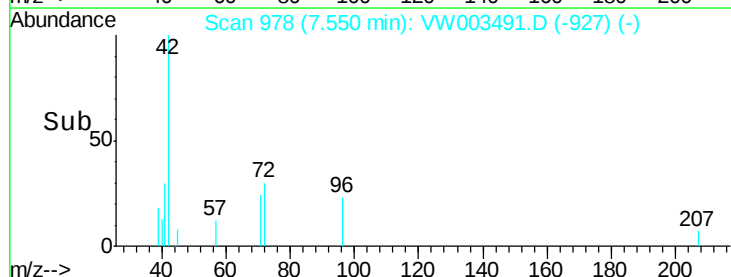
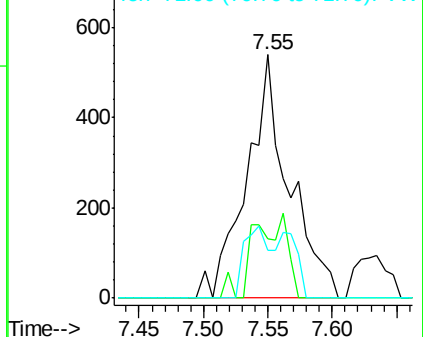
#29

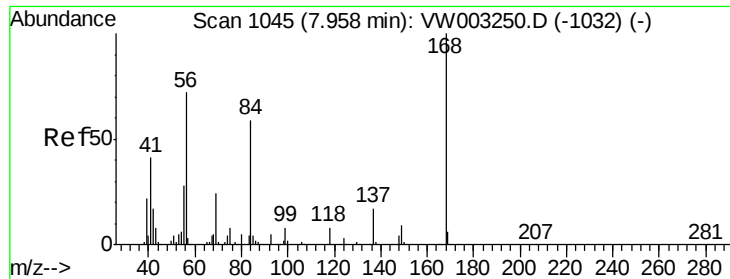
Tetrahydrofuran
 Concen: 3.490 ug/l
 RT: 7.55 min Scan# 978
 Delta R.T. 0.01 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

Tgt Ion: 42 Resp: 1228
 Ion Ratio Lower Upper
 42 100
 72 0.0 32.4 48.6#
 71 15.8 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

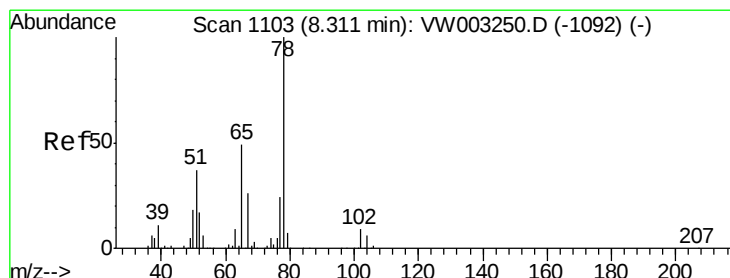
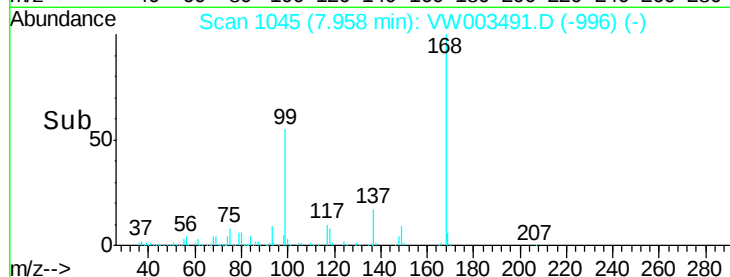
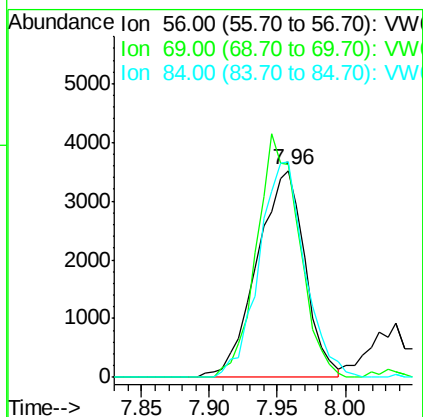
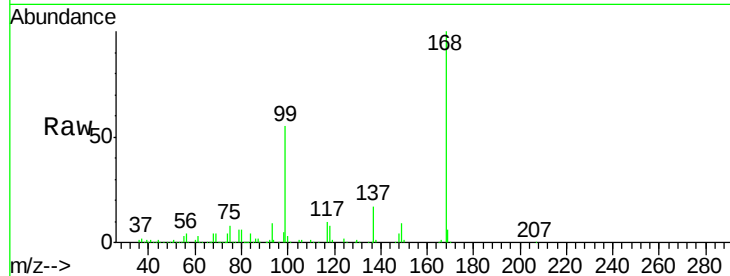




#31
Cyclohexane
Concen: 2.436 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

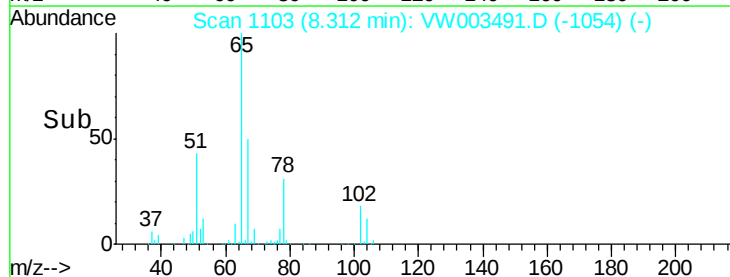
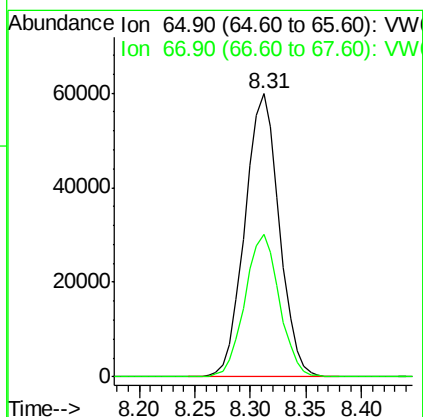
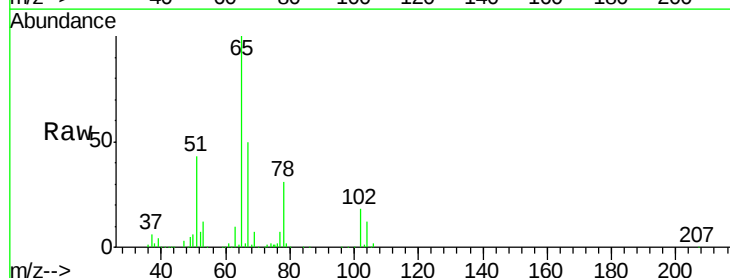
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

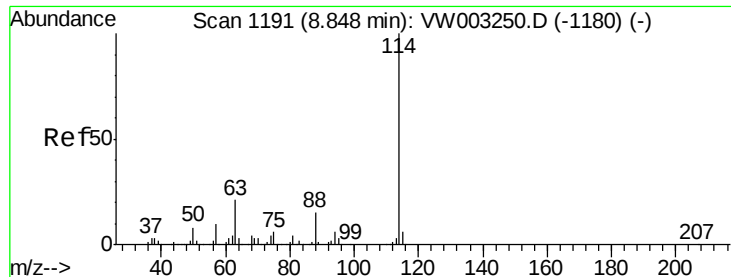
Tgt Ion: 56 Resp: 8689
Ion Ratio Lower Upper
56 100
69 103.3 26.3 39.5#
84 104.6 65.7 98.5#



#33
1,2-Dichloroethane-d4
Concen: 58.327 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Tgt Ion: 65 Resp: 128744
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.2

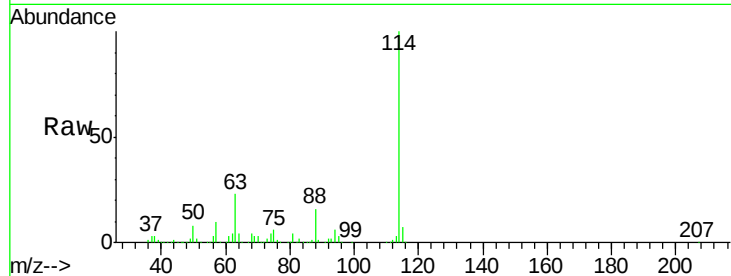




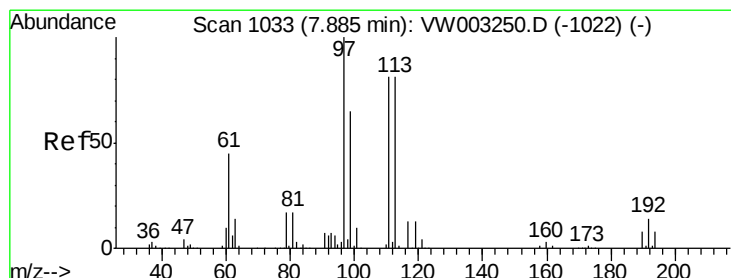
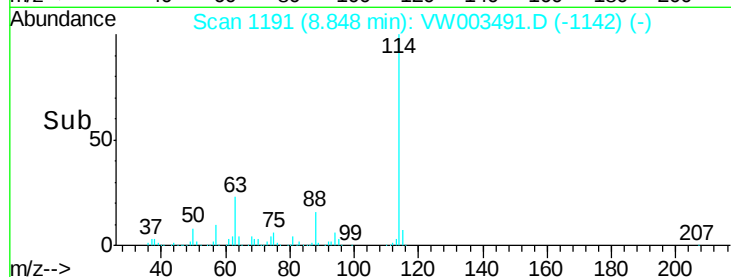
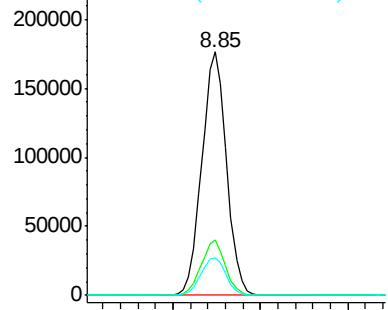
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-19-21-180621

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.0
88	15.5	0.0	29.6

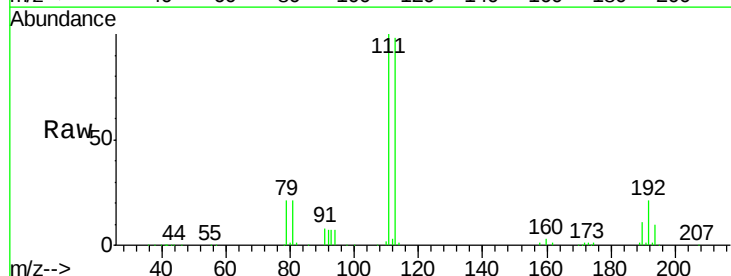


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

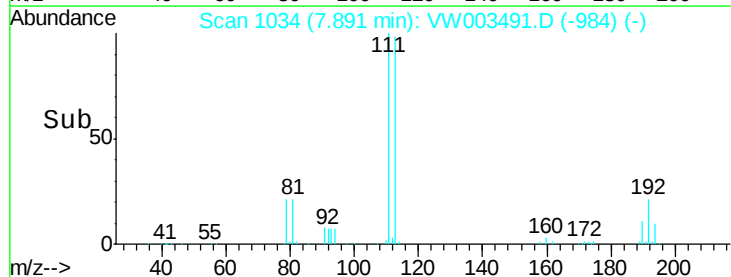
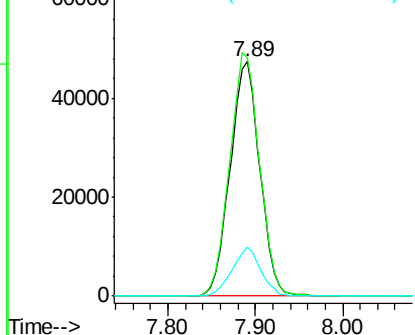


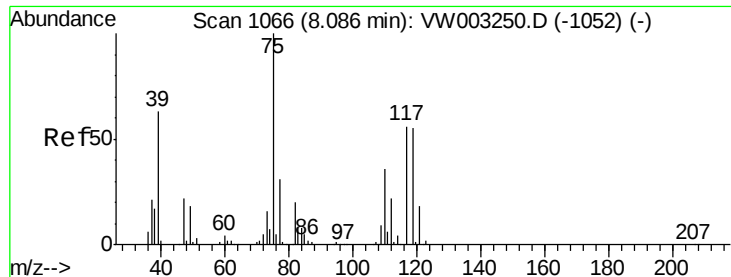
#35
 Dibromofluoromethane
 Concen: 52.093 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.2	123.2
192	20.1	16.2	24.2



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

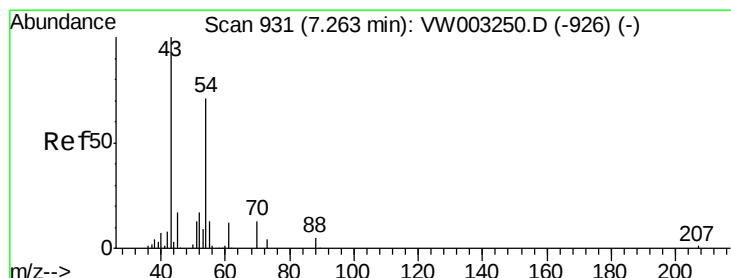
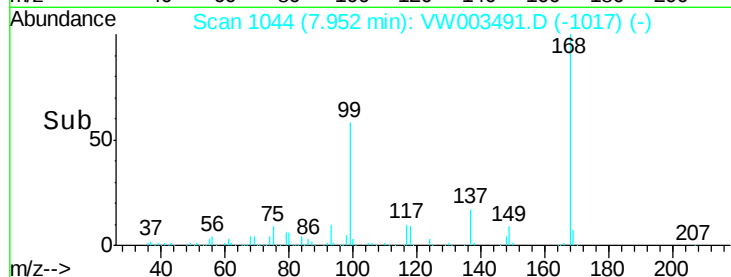
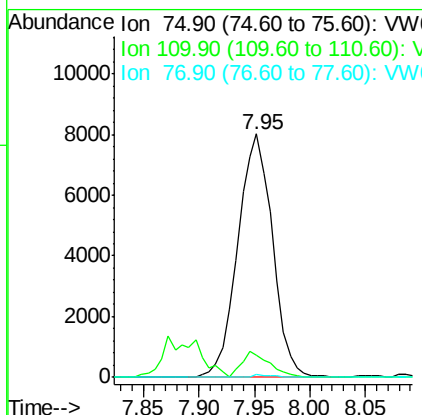
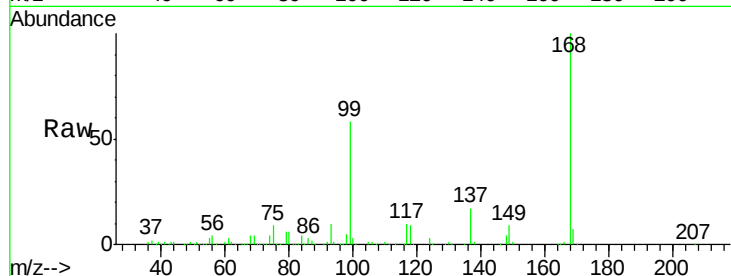




#36
 1,1-Dichloropropene
 Concen: 5.200 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

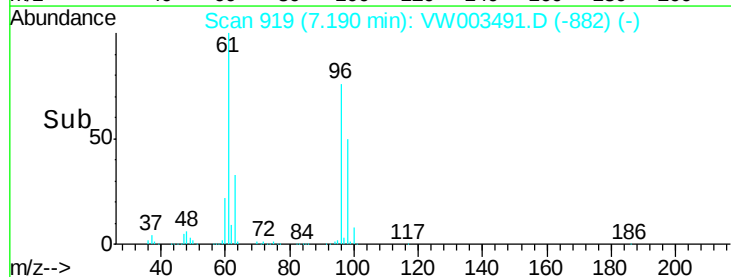
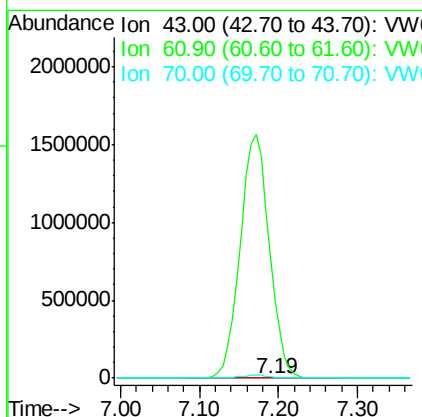
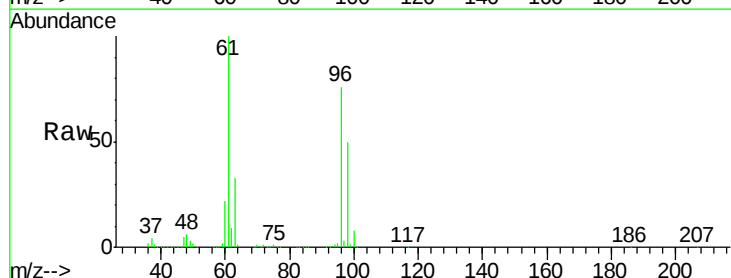
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-19-21-180621

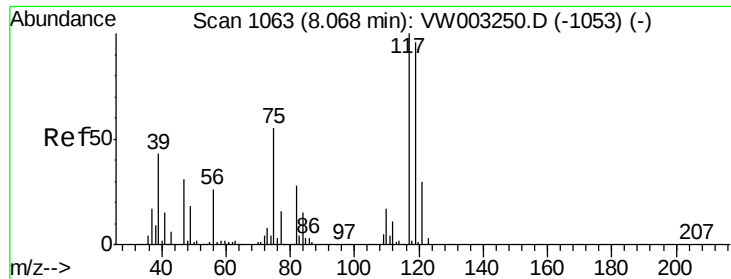
Tgt Ion: 75 Resp: 17327
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.1 51.3#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 5.190 ug/l
 RT: 7.19 min Scan# 919
 Delta R.T. -0.07 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

Tgt Ion: 43 Resp: 7165
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.8 16.2#
 70 0.0 7.8 11.6#

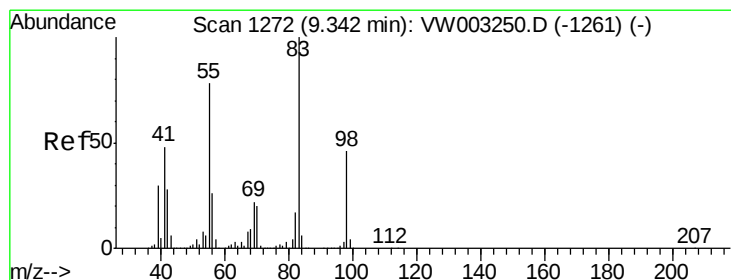
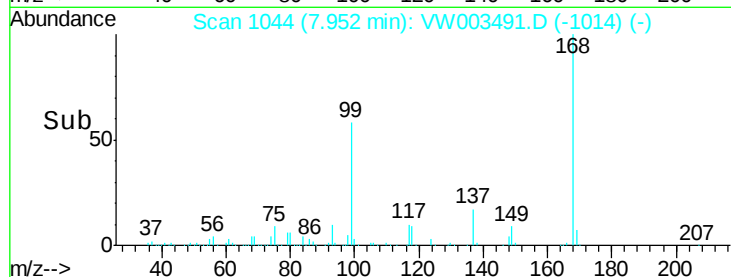
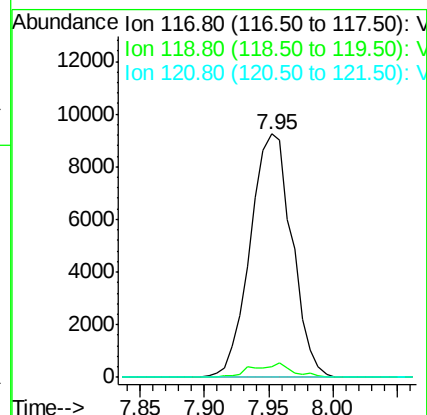
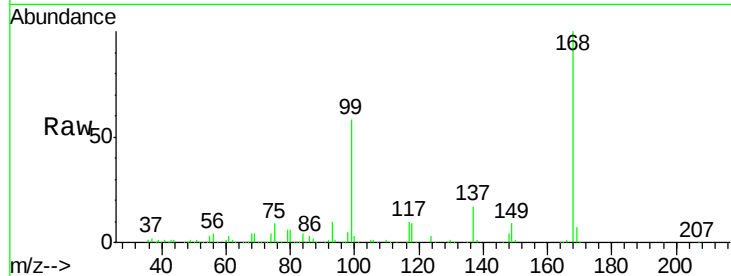




#38
Carbon Tetrachloride
Concen: 6.341 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

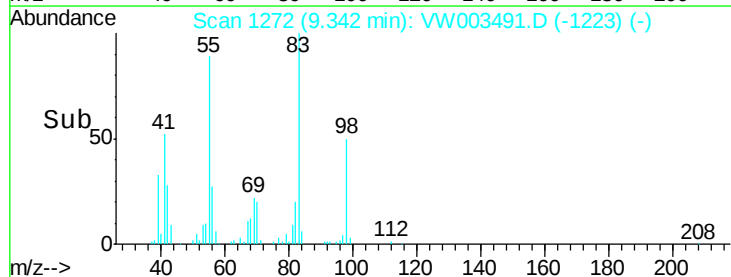
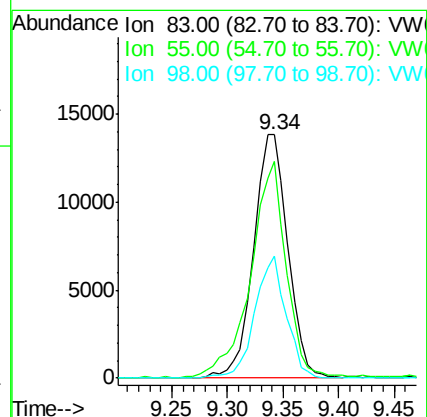
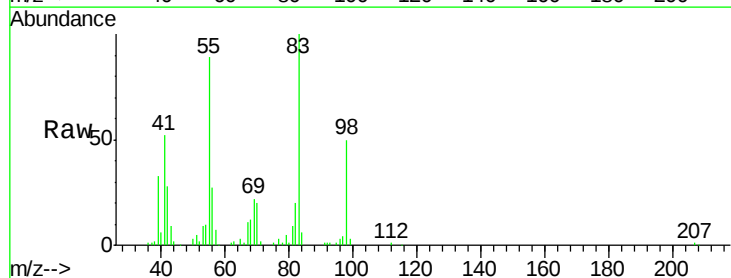
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

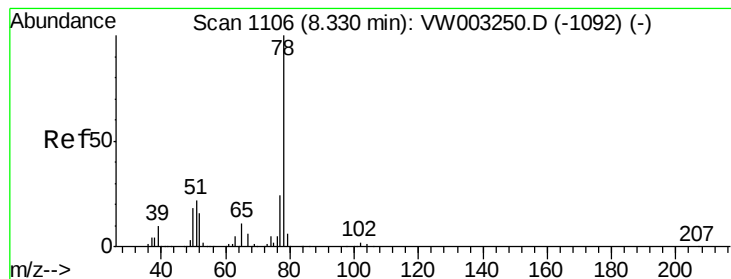
Tgt Ion: 117 Resp: 20726
Ion Ratio Lower Upper
117 100
119 4.6 76.6 115.0#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 7.701 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Tgt Ion: 83 Resp: 29691
Ion Ratio Lower Upper
83 100
55 88.3 62.6 93.8
98 49.9 37.0 55.4





#40

Benzene

Concen: 8.332 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

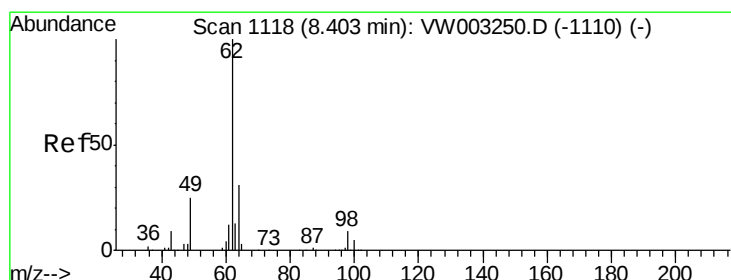
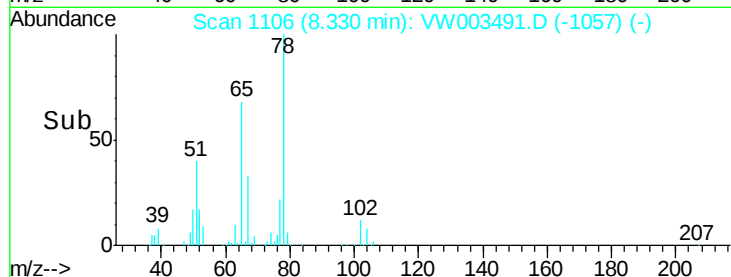
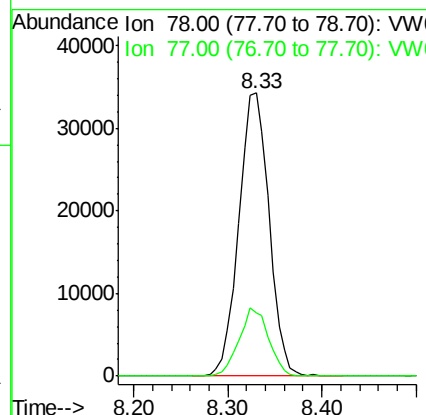
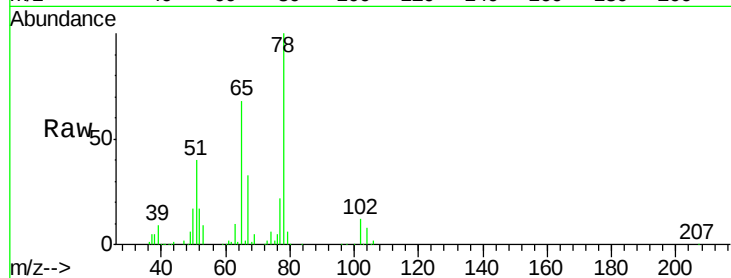
WP021SB477-19-21-180621

Tgt Ion: 78 Resp: 76527

Ion Ratio Lower Upper

78 100

77 22.3 19.0 28.6



#42

1,2-Dichloroethane

Concen: 1.545 ug/l

RT: 8.41 min Scan# 1119

Delta R.T. 0.01 min

Lab File: VW003491.D

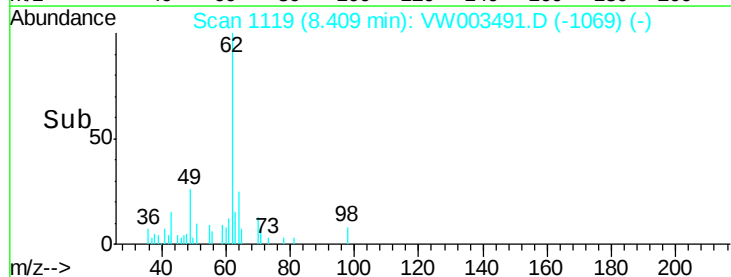
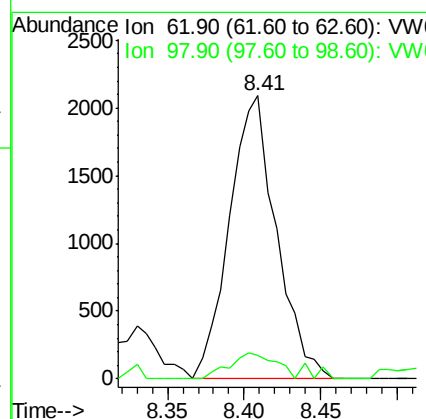
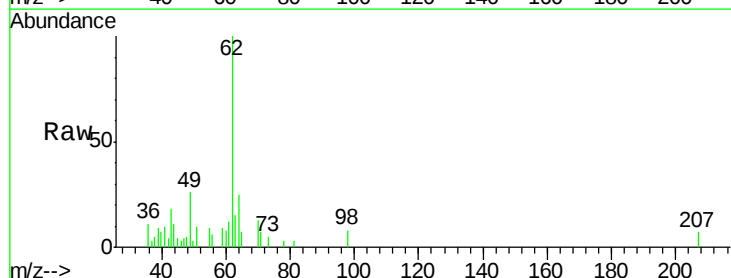
Acq: 24 Jun 2018 06:13

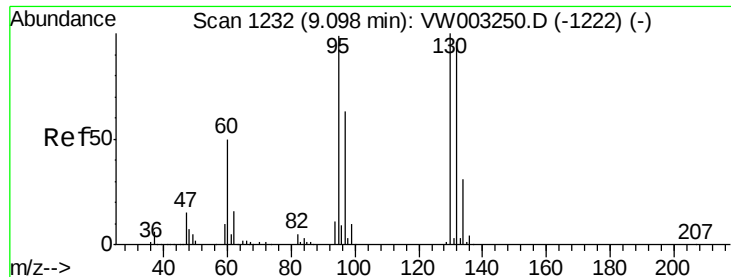
Tgt Ion: 62 Resp: 4445

Ion Ratio Lower Upper

62 100

98 9.0 0.0 17.2





#44

Trichloroethene

Concen: 1.024 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

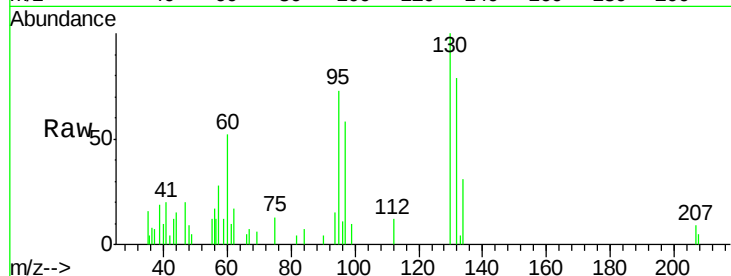
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Tgt Ion:130 Resp: 2491

Ion Ratio Lower Upper

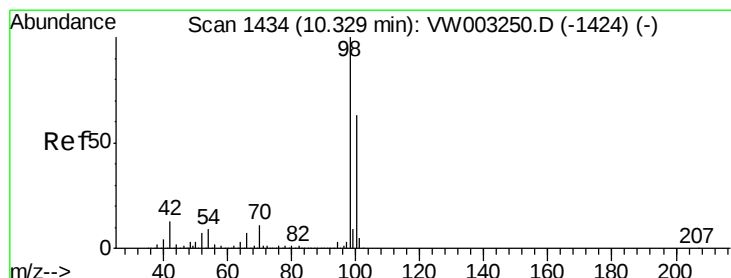
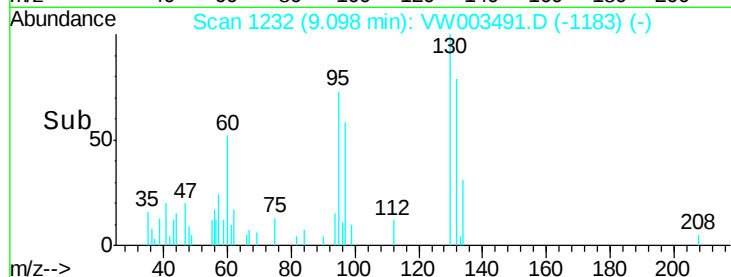
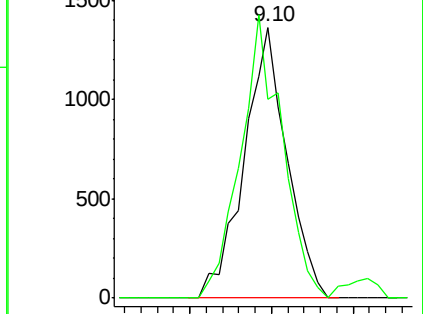
130 100

95 73.4 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#50

Toluene-d8

Concen: 46.783 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003491.D

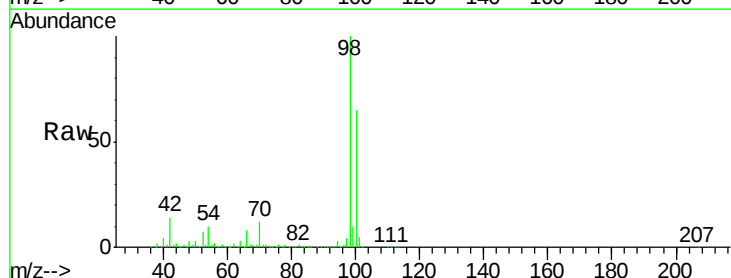
Acq: 24 Jun 2018 06:13

Tgt Ion: 98 Resp: 397712

Ion Ratio Lower Upper

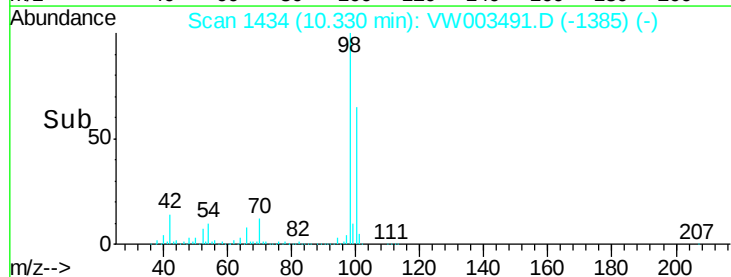
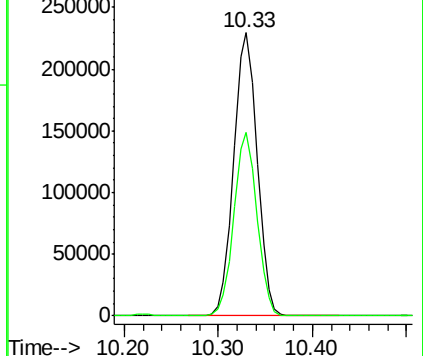
98 100

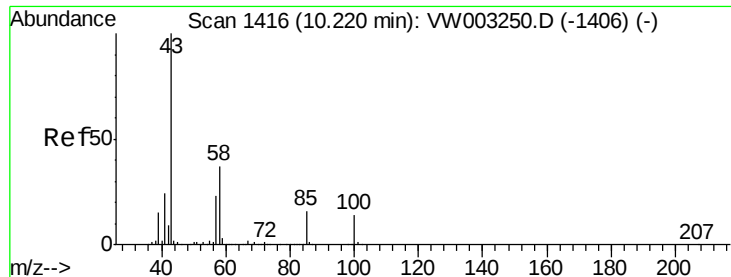
100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

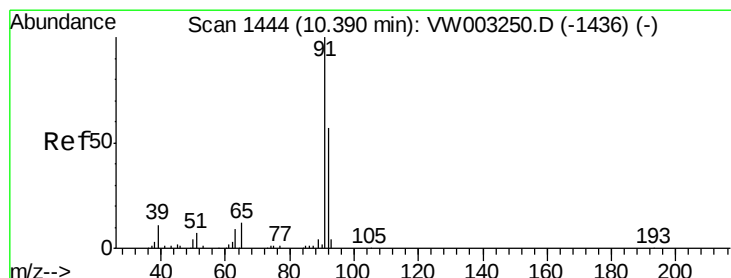
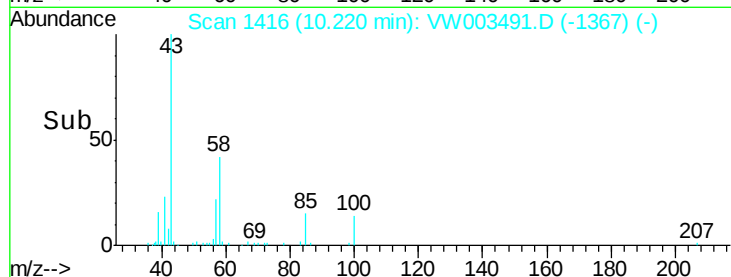
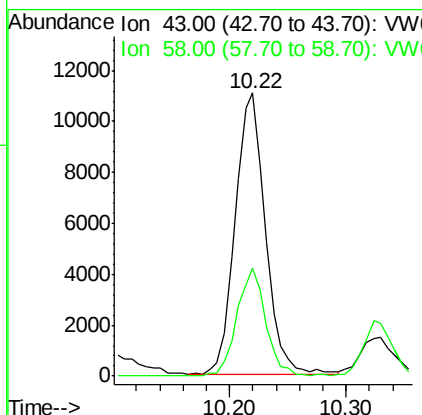
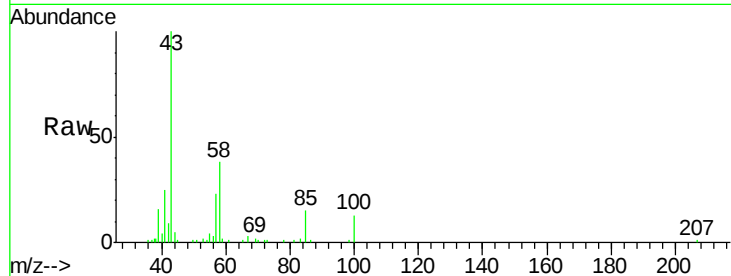




#51
 4-Methyl-2-Pentanone
 Concen: 14.213 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

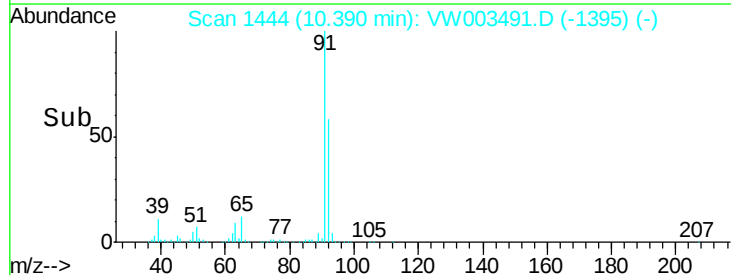
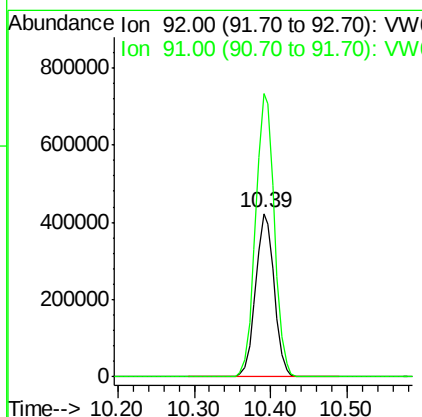
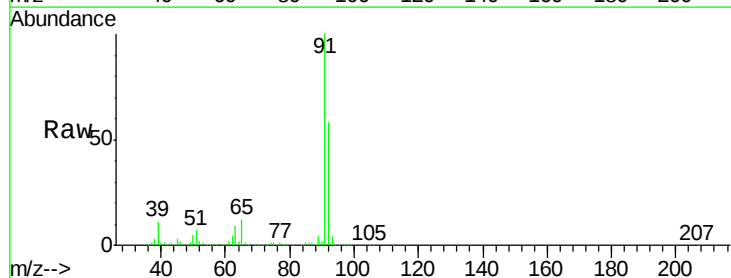
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-19-21-180621

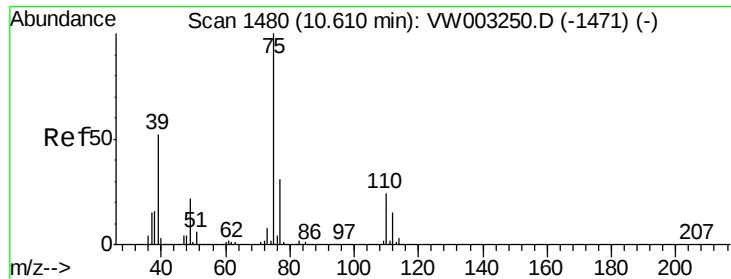
Tgt Ion: 43 Resp: 19851
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.0 43.4



#52
 Toluene
 Concen: 121.527 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

Tgt Ion: 92 Resp: 715782
 Ion Ratio Lower Upper
 92 100
 91 175.9 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 3.061 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.22 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

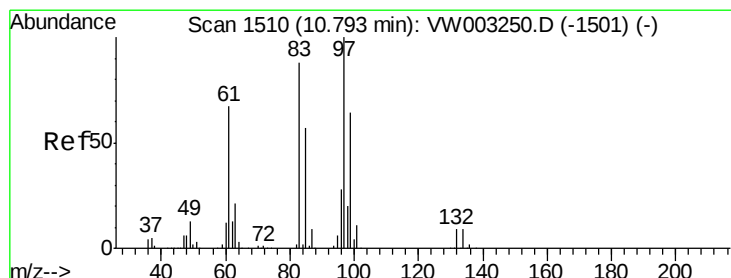
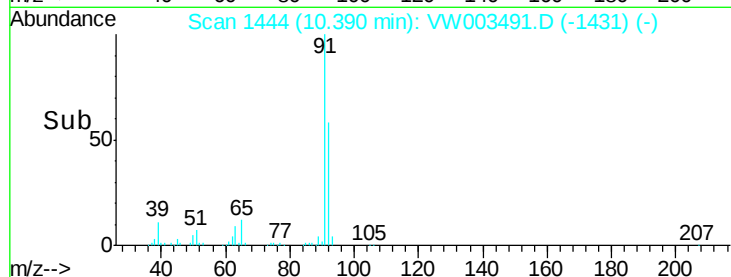
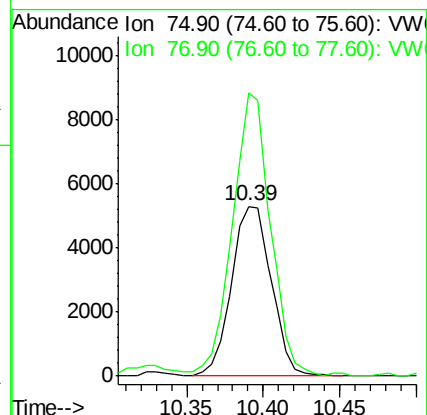
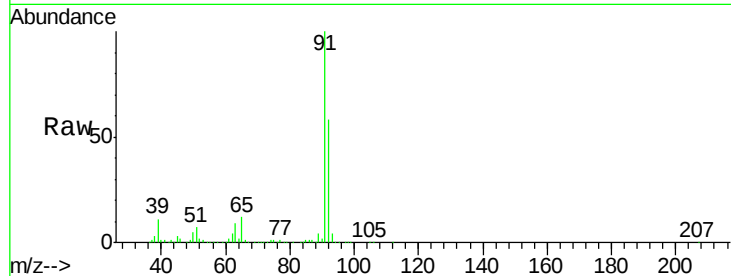
WP021SB477-19-21-180621

Tgt Ion: 75 Resp: 9595

Ion Ratio Lower Upper

75 100

77 165.5 24.9 37.3#



#55

1,1,2-Trichloroethane

Concen: 1.930 ug/l

RT: 10.77 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Tgt Ion: 97 Resp: 3257

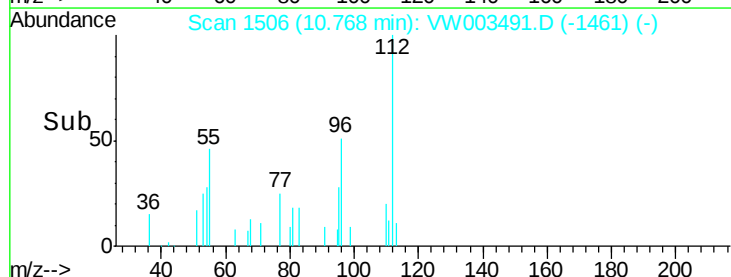
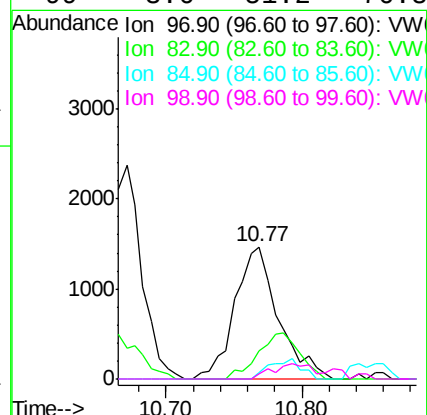
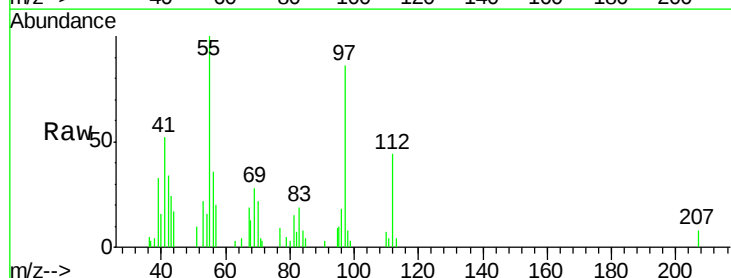
Ion Ratio Lower Upper

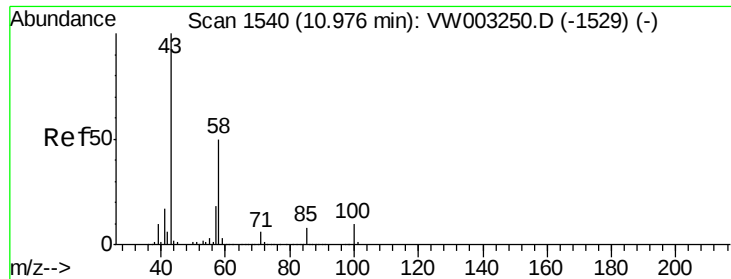
97 100

83 21.8 70.2 105.2#

85 5.0 45.6 68.4#

99 3.6 51.2 76.8#

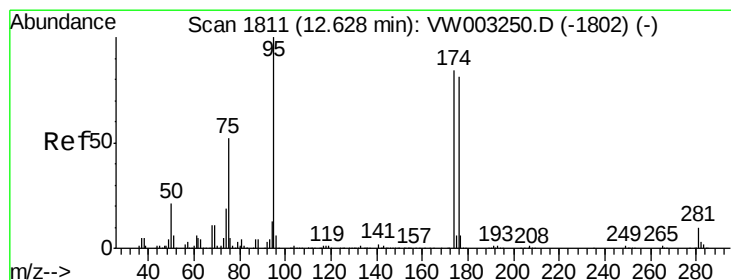
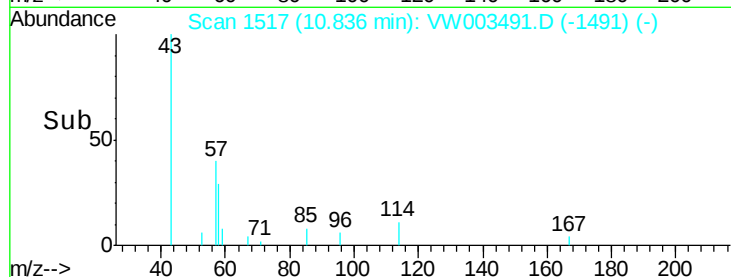
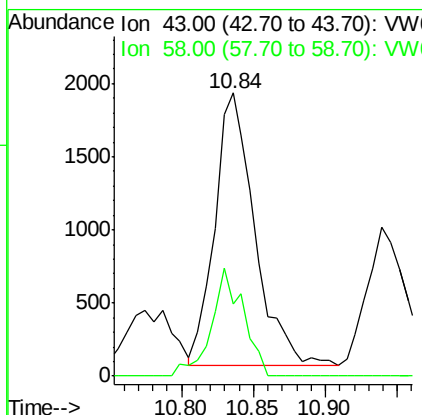
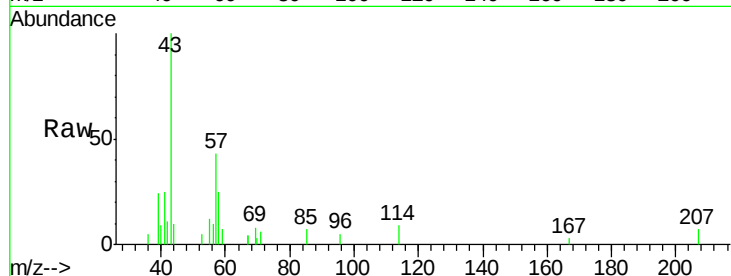




#59
2-Hexanone
Concen: 3.700 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. -0.14 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

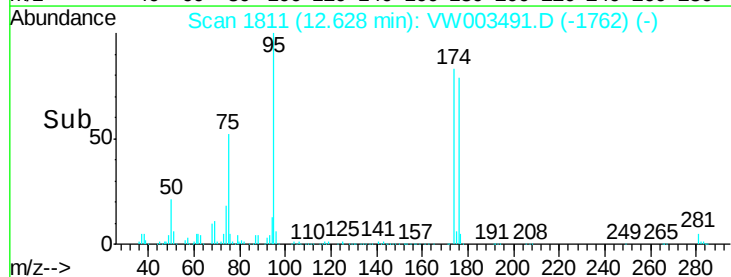
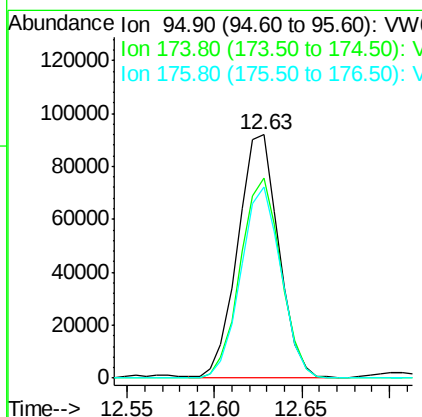
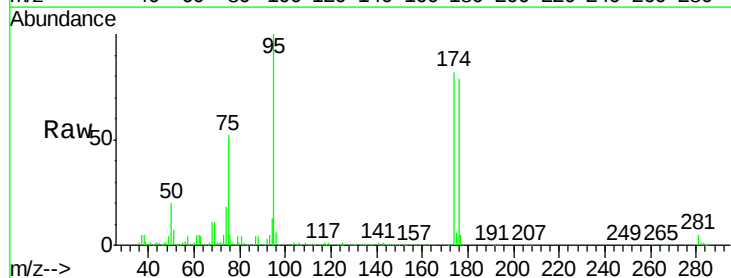
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

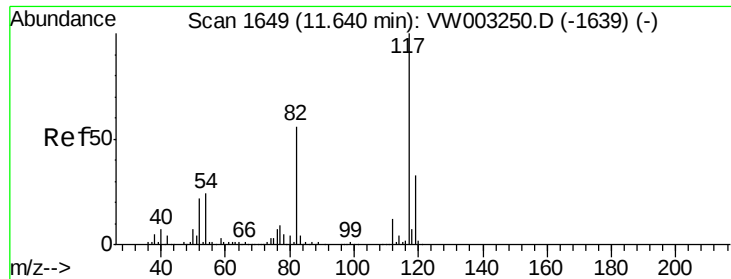
Tgt Ion: 43 Resp: 3610
Ion Ratio Lower Upper
43 100
58 31.7 25.0 75.0



#62
4-Bromofluorobenzene
Concen: 49.594 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Tgt Ion: 95 Resp: 149203
Ion Ratio Lower Upper
95 100
174 81.8 0.0 166.4
176 77.8 0.0 162.0

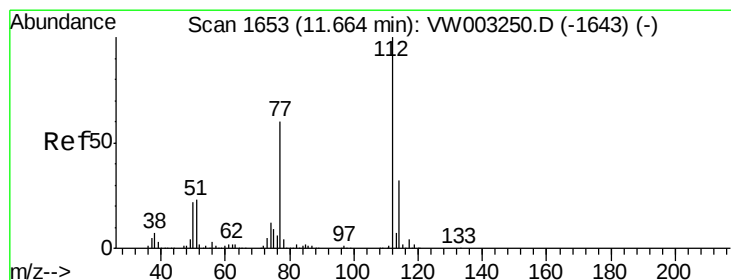
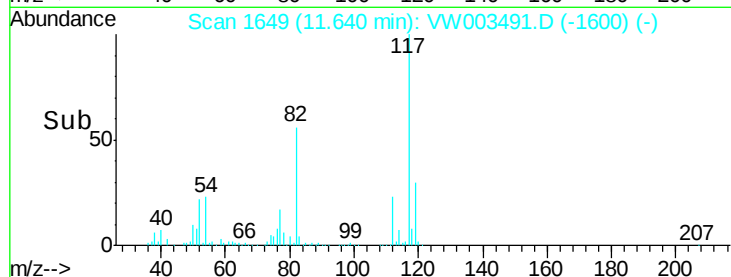
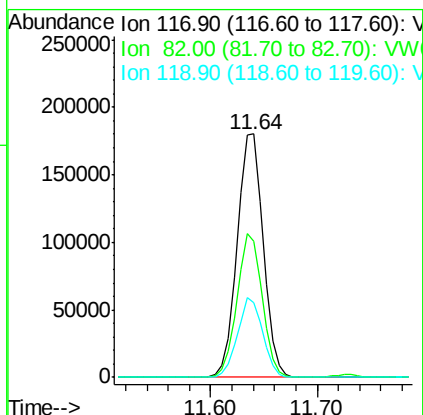
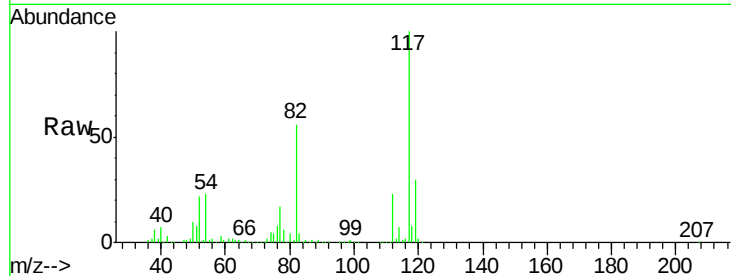




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

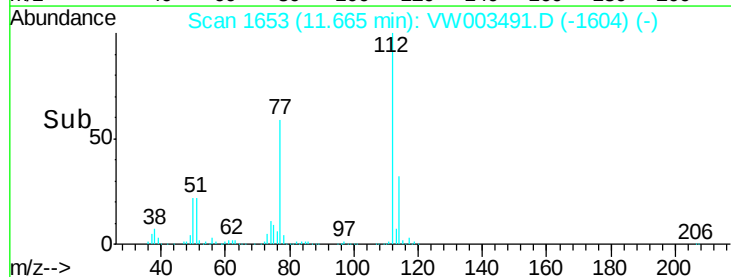
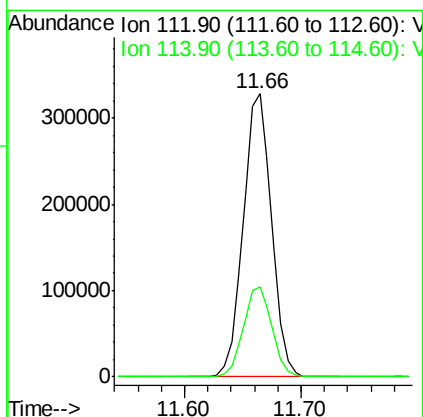
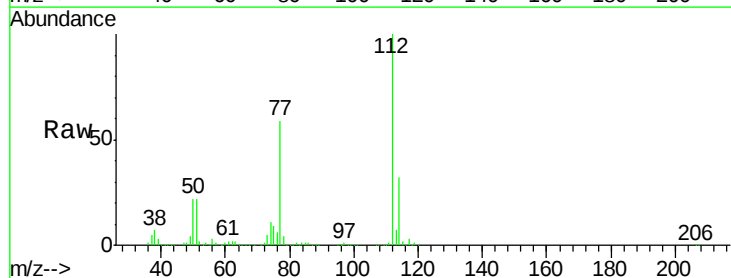
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

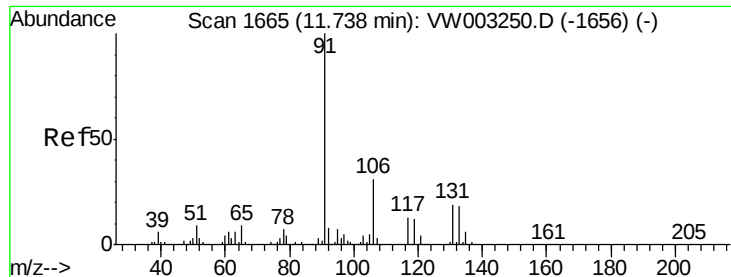
Tgt Ion:117 Resp: 310379
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 30.4 26.7 40.1



#65
Chlorobenzene
Concen: 85.675 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Tgt Ion:112 Resp: 553752
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9

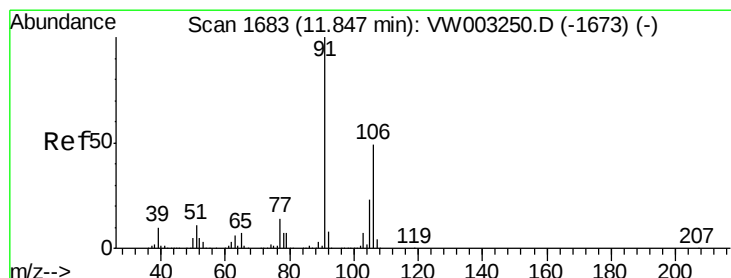
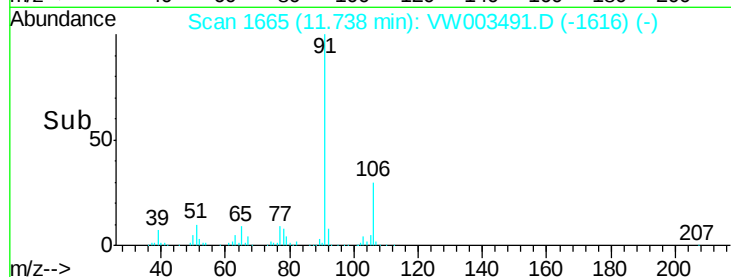
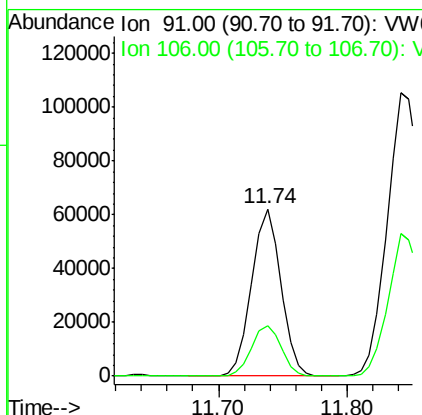
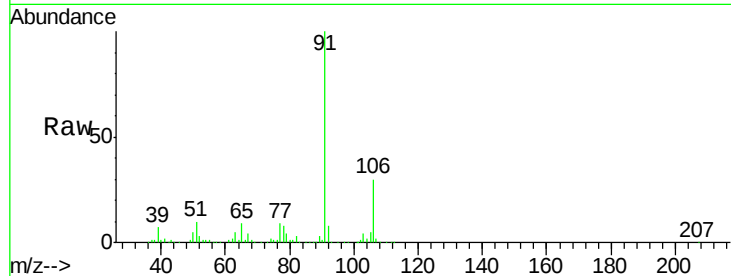




#67
Ethyl Benzene
Concen: 8.524 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

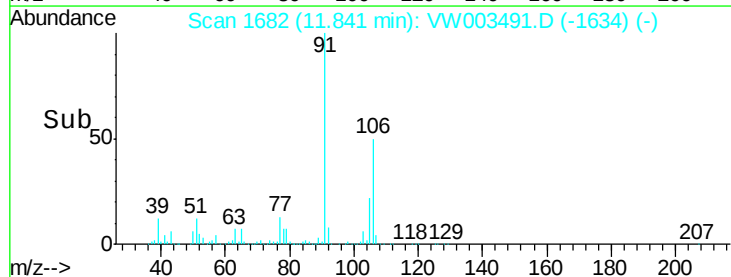
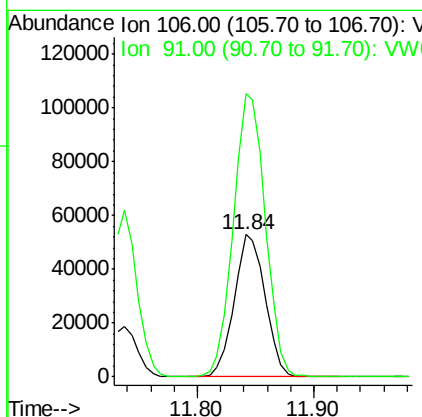
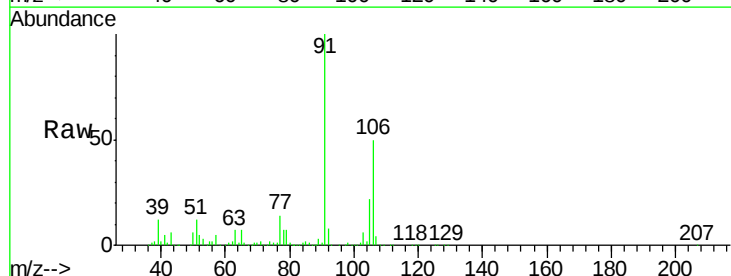
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

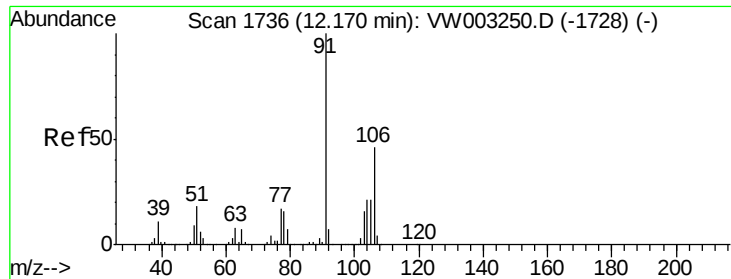
Tgt Ion: 91 Resp: 97665
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1



#68
m/p-Xylenes
Concen: 22.452 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Tgt Ion: 106 Resp: 97783
Ion Ratio Lower Upper
106 100
91 204.9 165.4 248.0

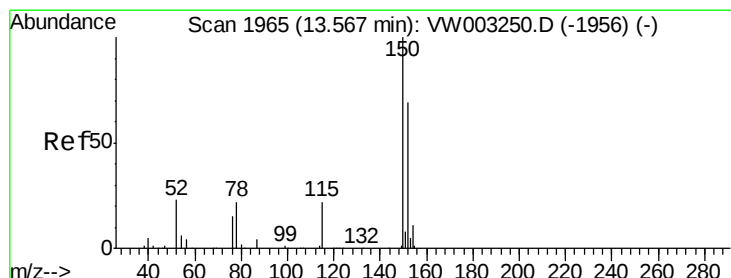
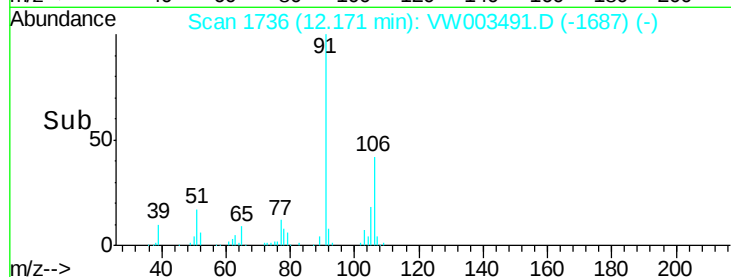
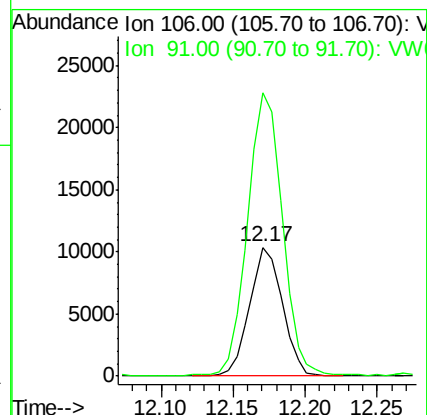
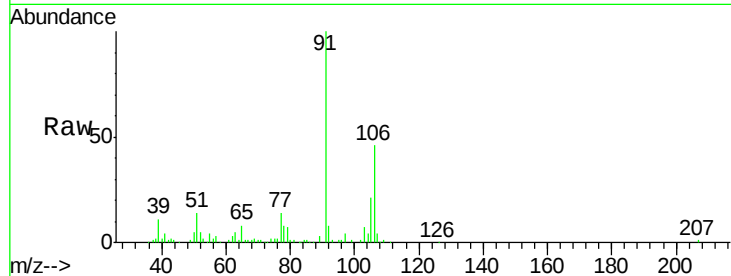




#69
o-Xylene
Concen: 4.059 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

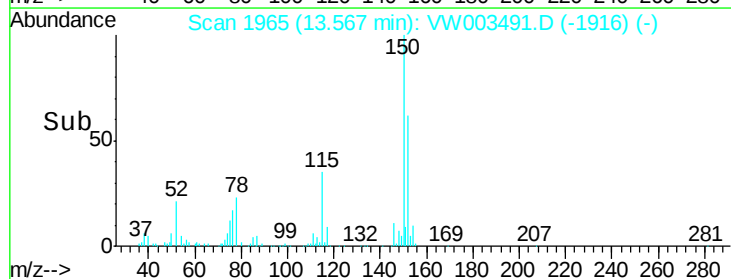
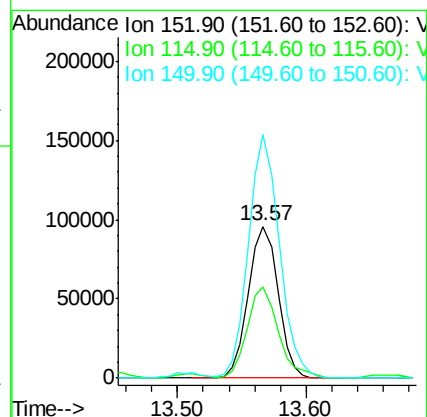
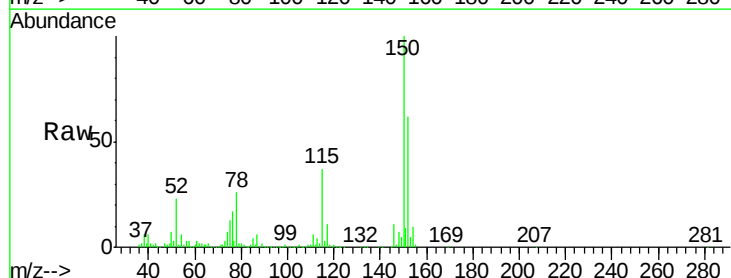
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

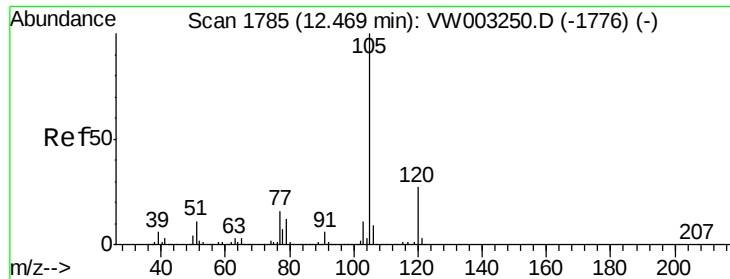
Tgt Ion:106 Resp: 16385
Ion Ratio Lower Upper
106 100
91 233.8 108.6 325.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Tgt Ion:152 Resp: 153137
Ion Ratio Lower Upper
152 100
115 62.5 29.3 88.0
150 165.9 0.0 349.6





#73

Isopropylbenzene

Concen: 4.997 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

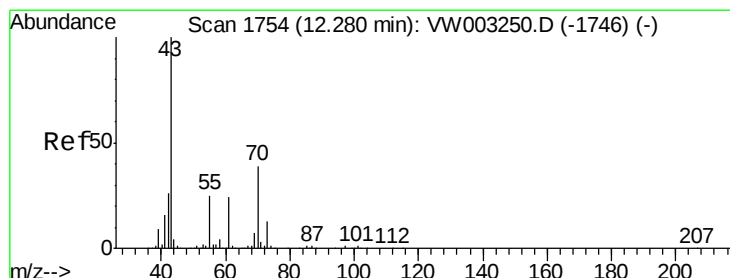
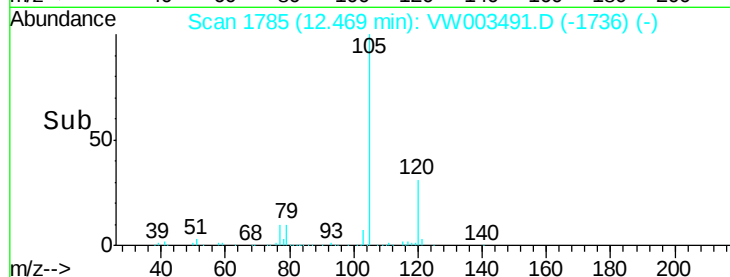
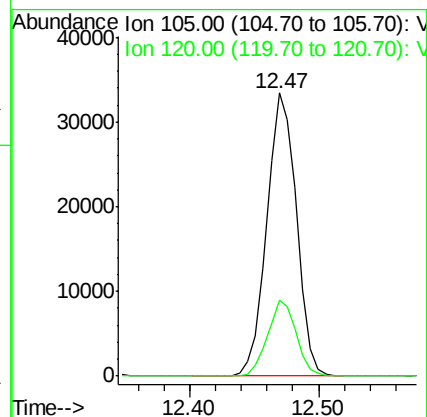
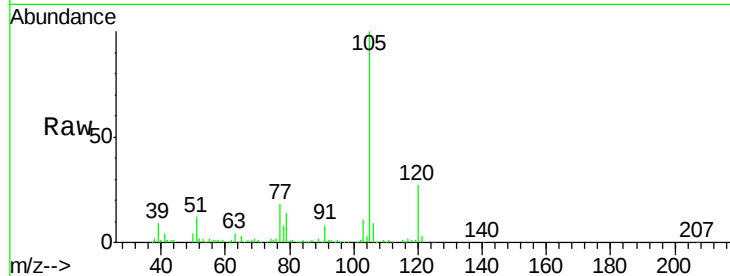
WP021SB477-19-21-180621

Tgt Ion:105 Resp: 53229

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 1.093 ug/l

RT: 12.26 min Scan# 1751

Delta R.T. -0.02 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Tgt Ion: 43 Resp: 2650

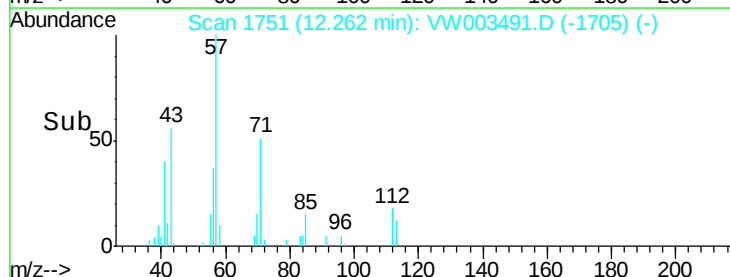
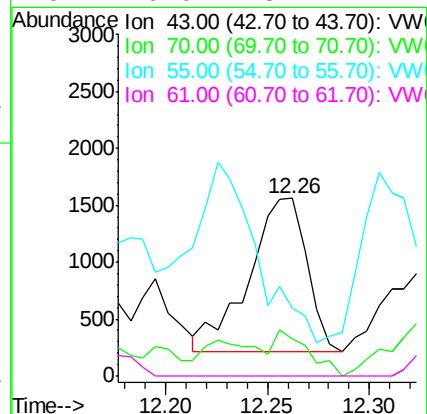
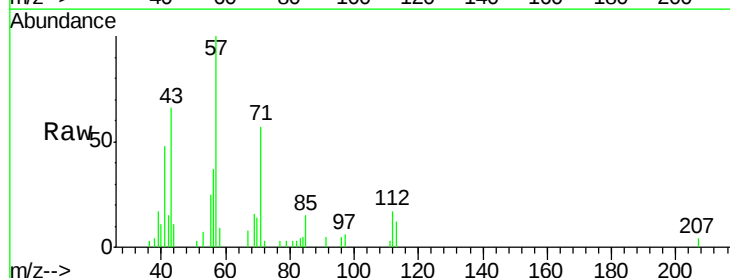
Ion Ratio Lower Upper

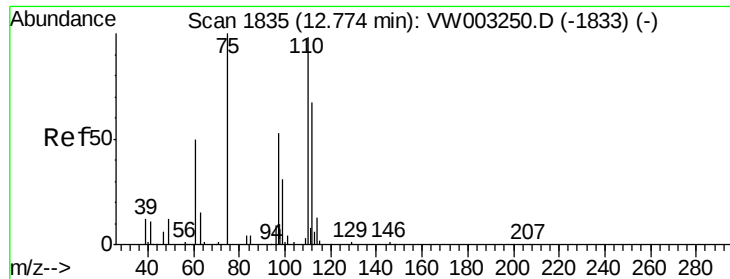
43 100

70 17.3 31.0 46.6#

55 0.0 19.7 29.5#

61 0.0 18.1 27.1#





#76

1,2,3-Trichloropropane

Concen: 61.057 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

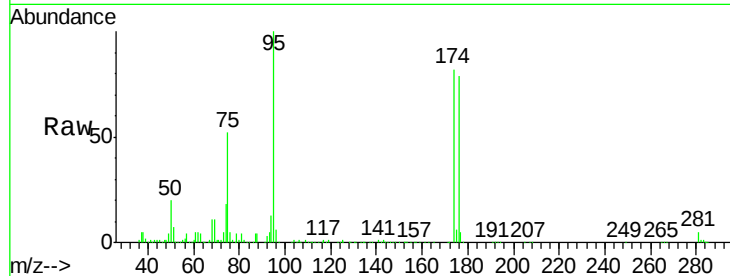
WP021SB477-19-21-180621

Tgt Ion: 75 Resp: 79933

Ion Ratio Lower Upper

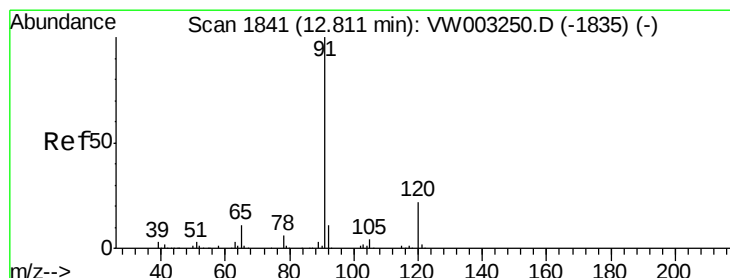
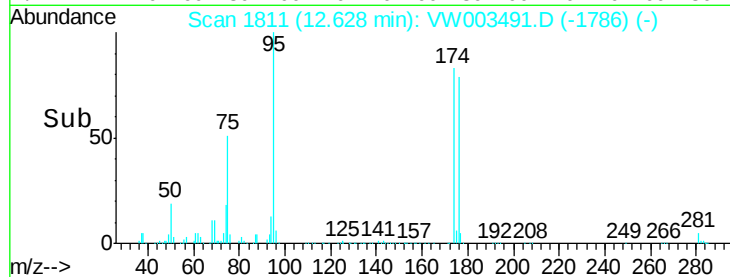
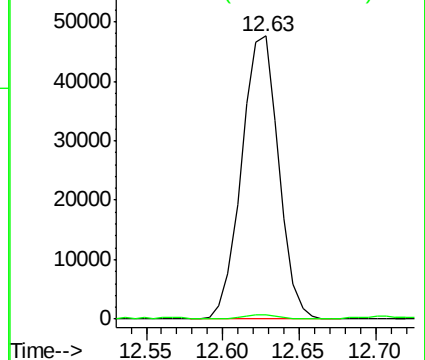
75 100

77 1.9 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: 6.366 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003491.D

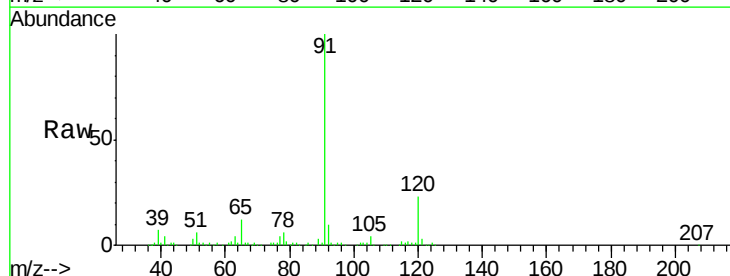
Acq: 24 Jun 2018 06:13

Tgt Ion: 91 Resp: 83030

Ion Ratio Lower Upper

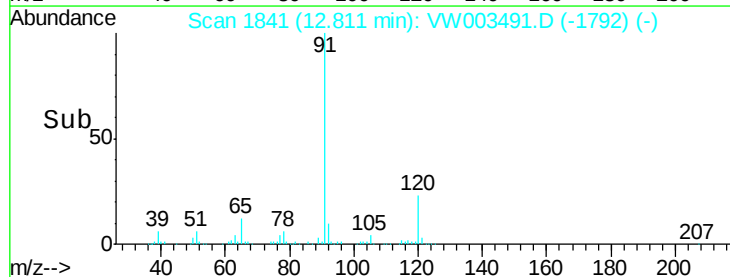
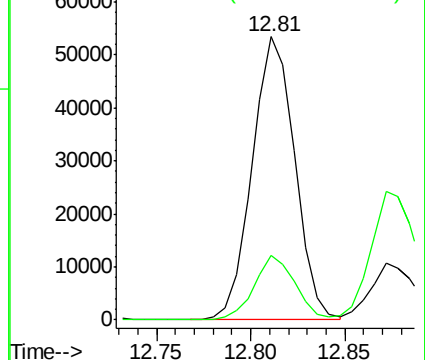
91 100

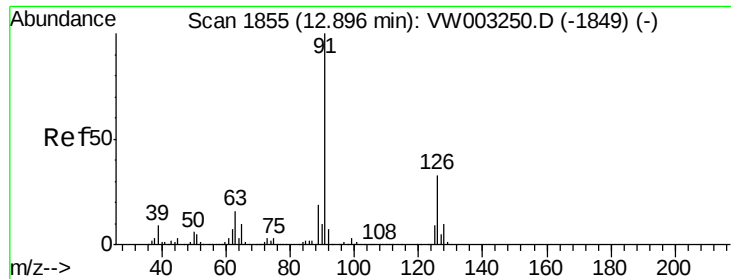
120 21.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

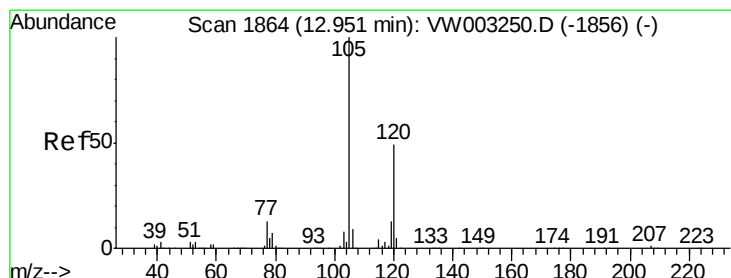
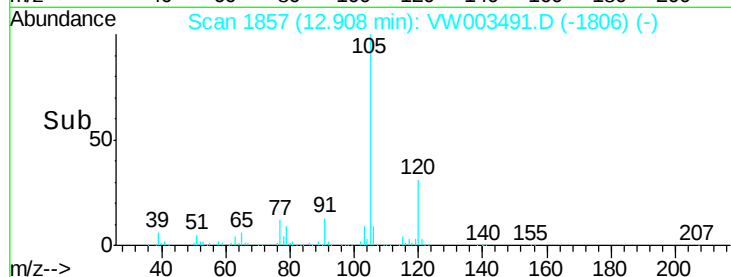
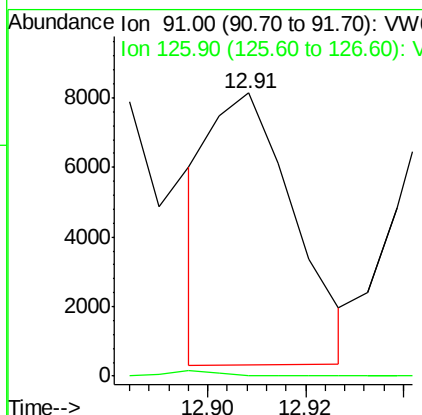
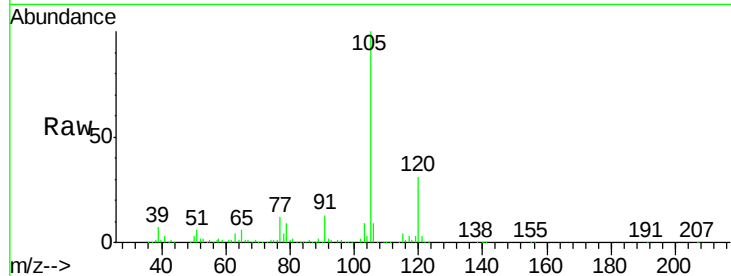




#79
 2-Chlorotoluene
 Concen: 1.262 ug/l
 RT: 12.91 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

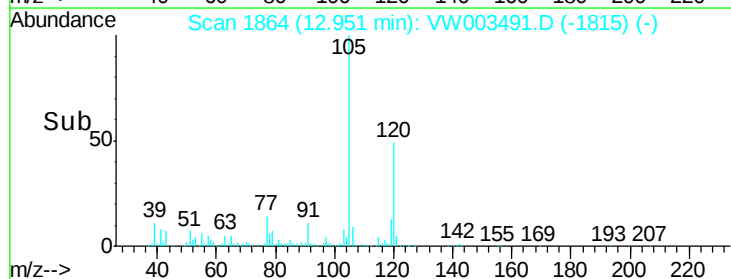
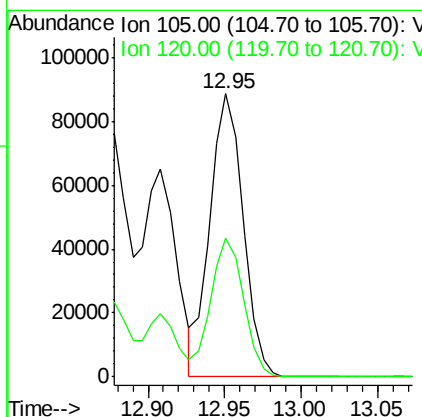
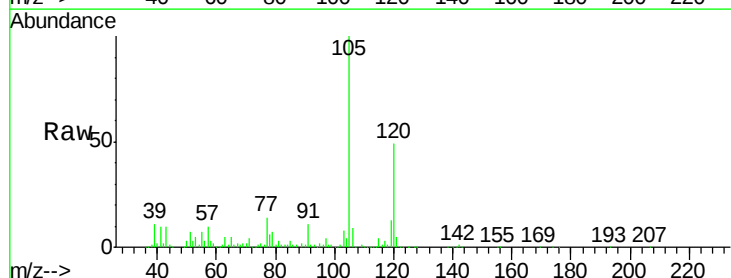
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-19-21-180621

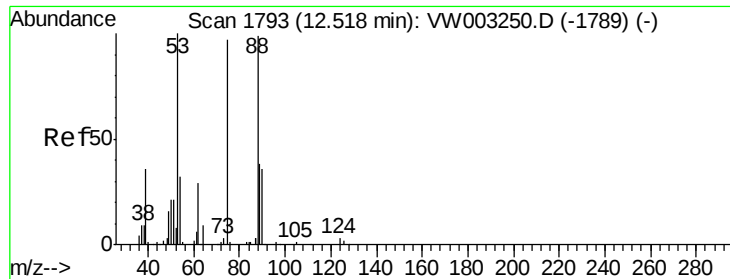
Tgt Ion: 91 Resp: 9301
 Ion Ratio Lower Upper
 91 100
 126 1.3 16.8 50.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 14.971 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

Tgt Ion: 105 Resp: 133848
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 140.497 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-19-21-180621

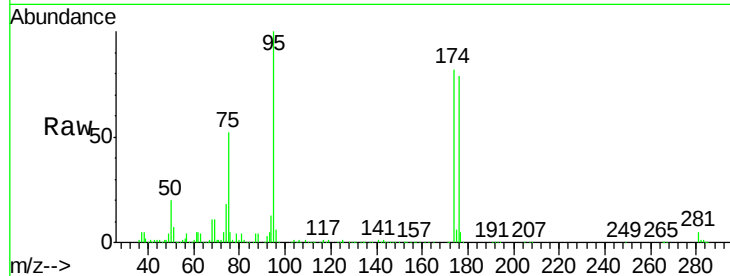
Tgt Ion: 75 Resp: 79933

Ion Ratio Lower Upper

75 100

53 0.4 82.9 124.3#

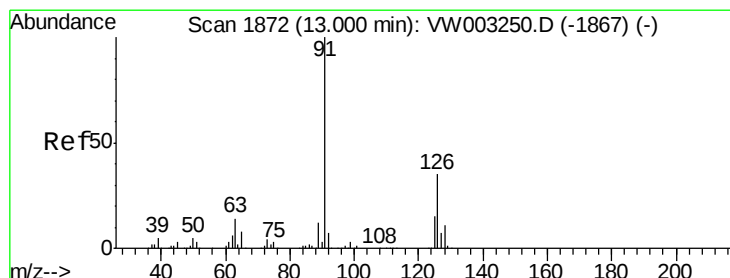
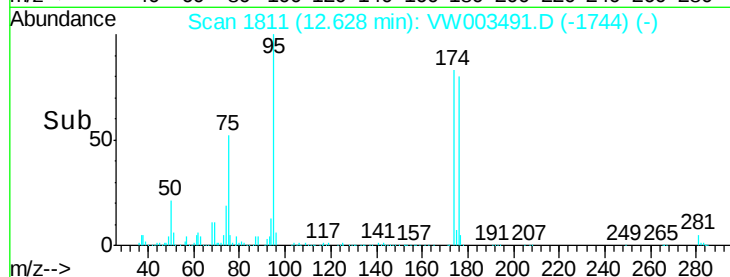
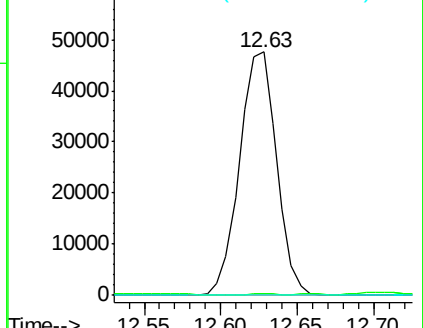
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 1.844 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.05 min

Lab File: VW003491.D

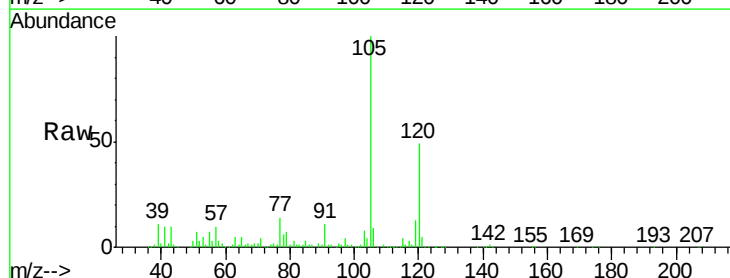
Acq: 24 Jun 2018 06:13

Tgt Ion: 91 Resp: 14420

Ion Ratio Lower Upper

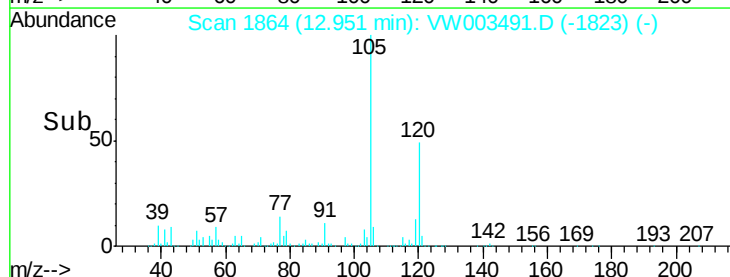
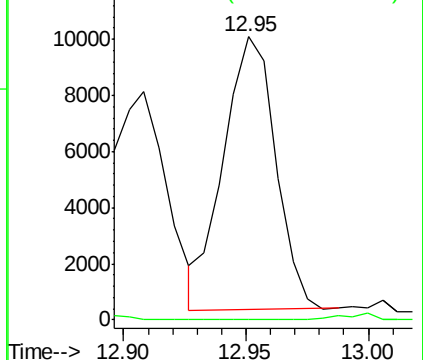
91 100

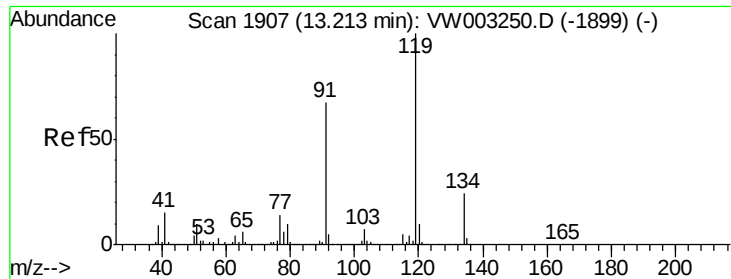
126 0.0 16.8 50.3#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

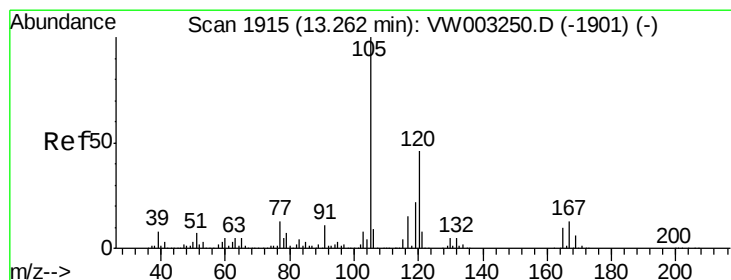
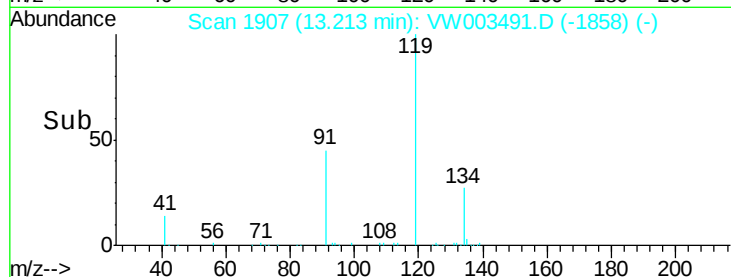
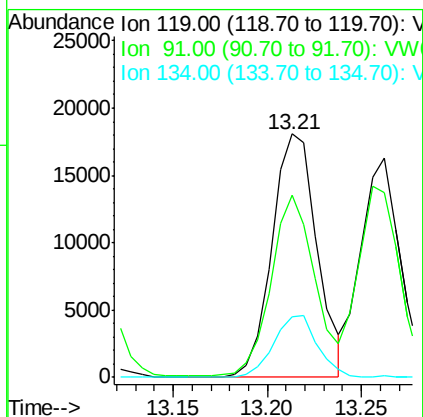
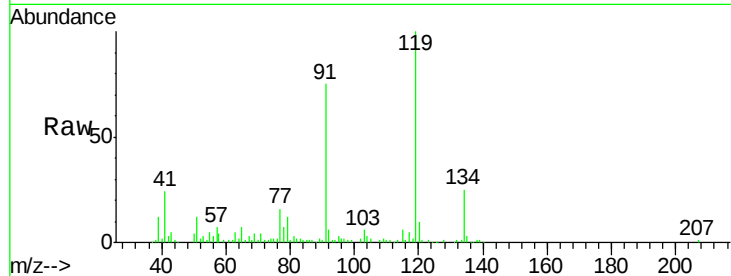




#83
tert-Butylbenzene
Concen: 3.945 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

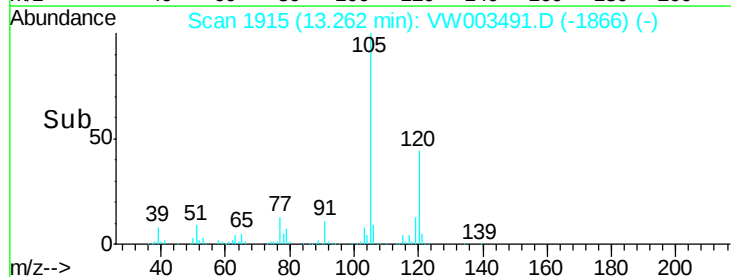
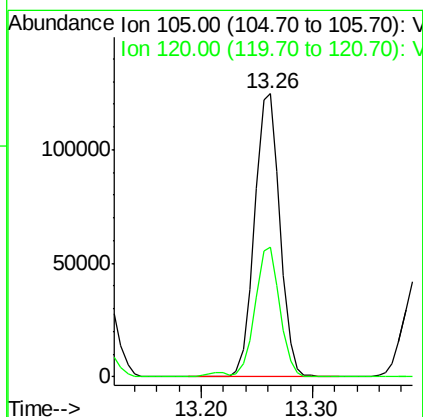
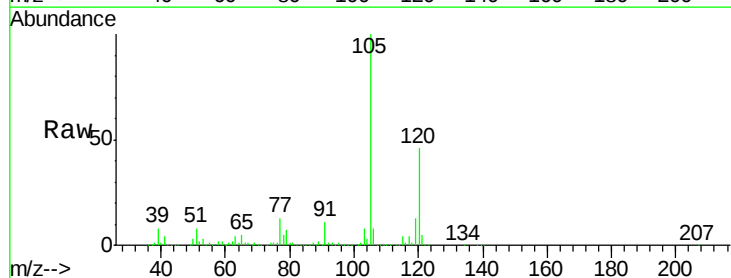
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

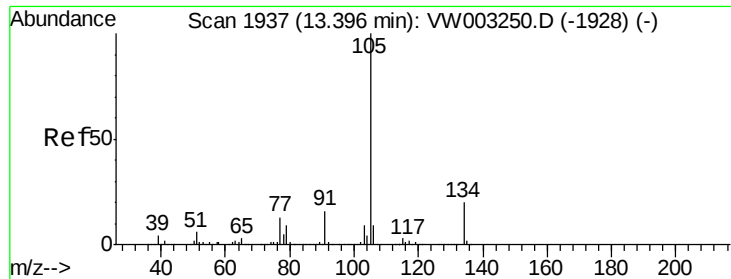
Tgt Ion:119 Resp: 30055
Ion Ratio Lower Upper
119 100
91 72.0 33.9 101.7
134 24.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 21.433 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Tgt Ion:105 Resp: 197111
Ion Ratio Lower Upper
105 100
120 44.8 22.5 67.5

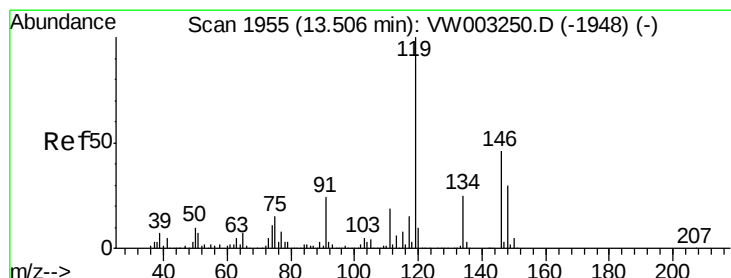
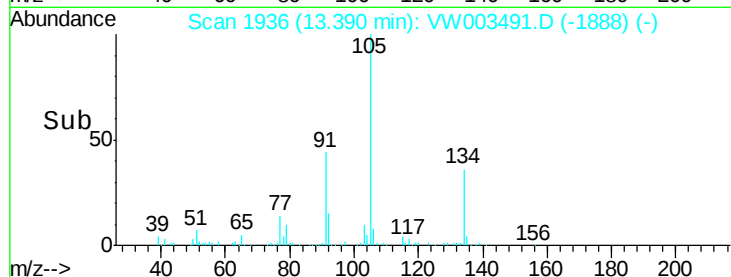
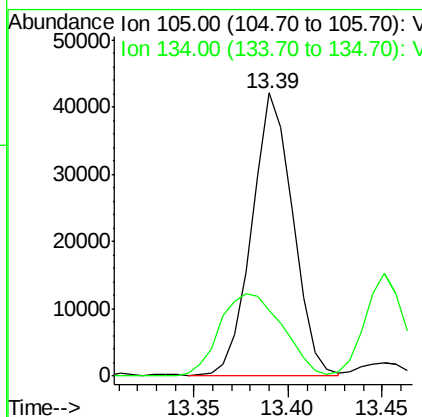
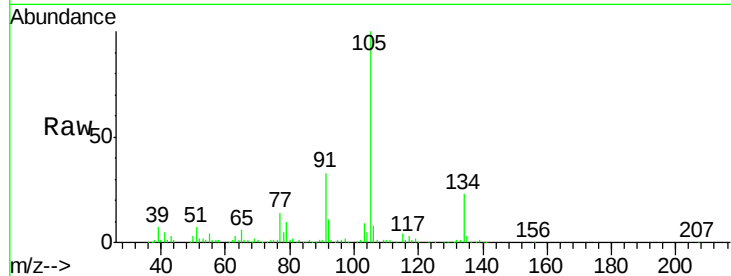




#85
 sec-Butylbenzene
 Concen: 5.599 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

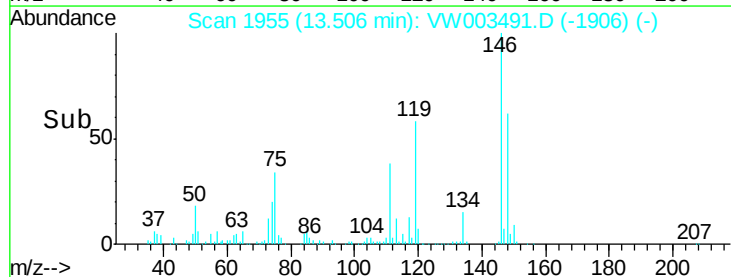
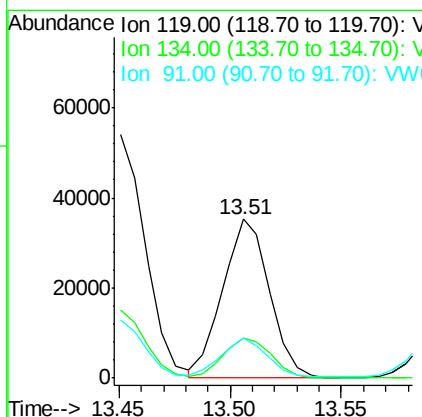
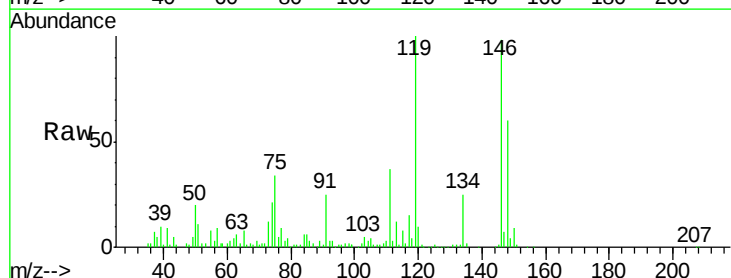
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-19-21-180621

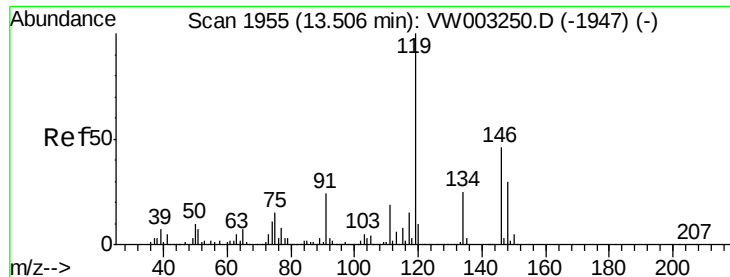
Tgt Ion:105 Resp: 63413
 Ion Ratio Lower Upper
 105 100
 134 44.9 9.8 29.5#



#86
 p-Isopropyltoluene
 Concen: 5.168 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

Tgt Ion:119 Resp: 51626
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 23.2 11.8 35.3

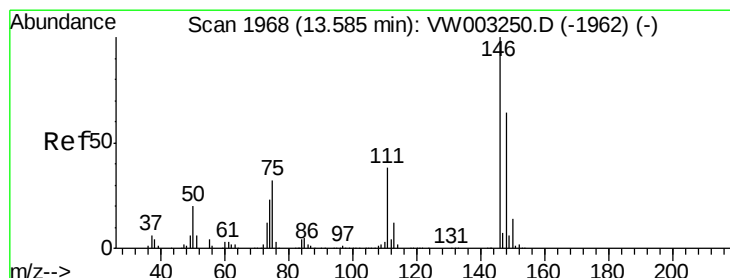
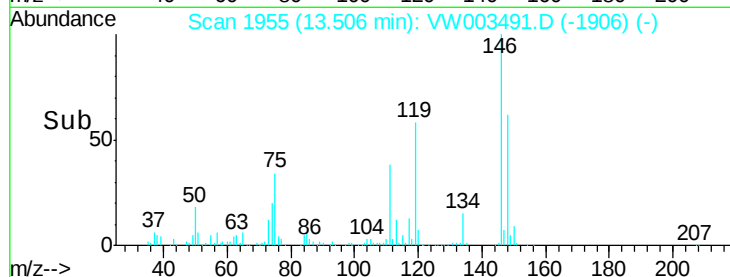
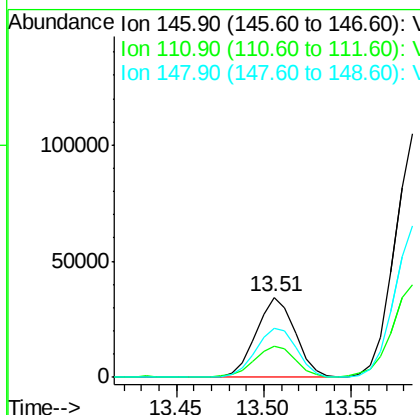
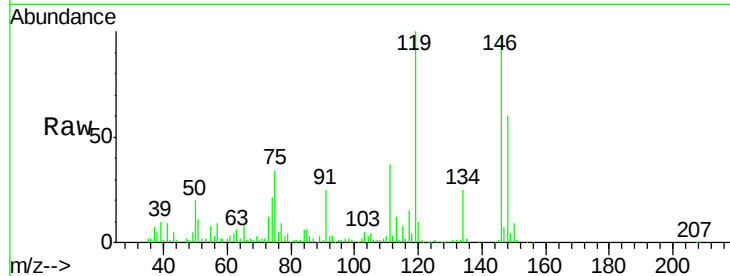




#87
 1,3-Dichlorobenzene
 Concen: 10.484 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

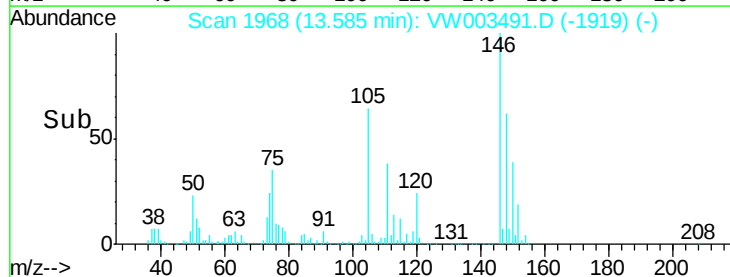
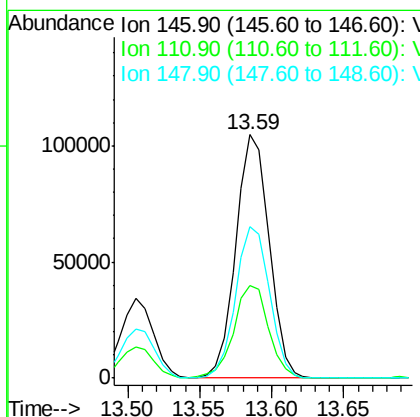
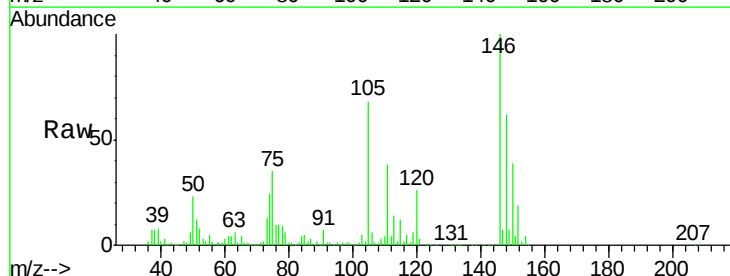
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-19-21-180621

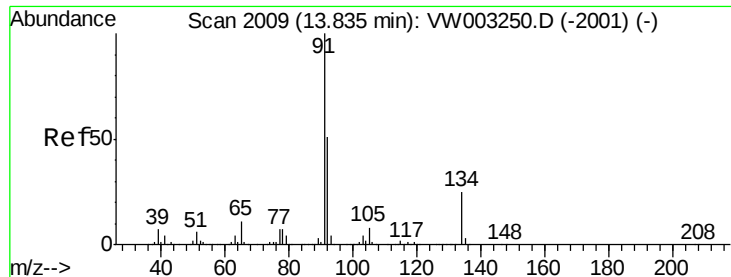
Tgt Ion:146 Resp: 53424
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.8 59.4
 148 65.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 33.329 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

Tgt Ion:146 Resp: 168843
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.2 57.6
 148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 3.024 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-19-21-180621

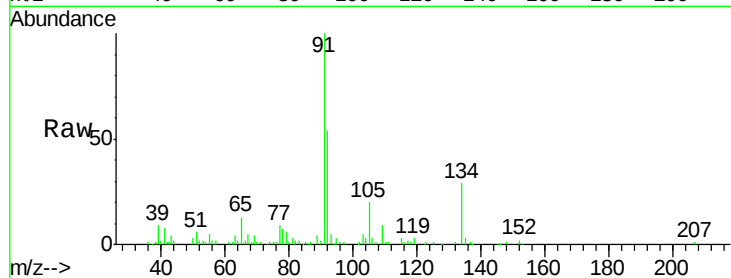
Tgt Ion: 91 Resp: 29447

Ion Ratio Lower Upper

91 100

92 56.5 26.0 78.0

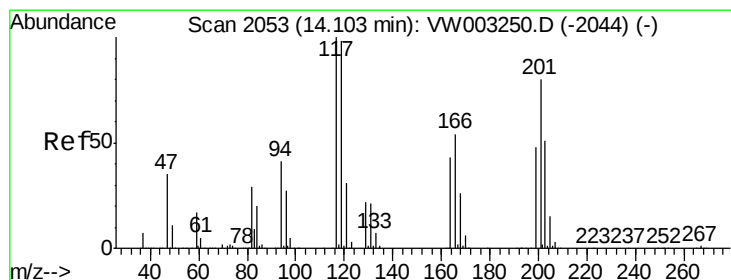
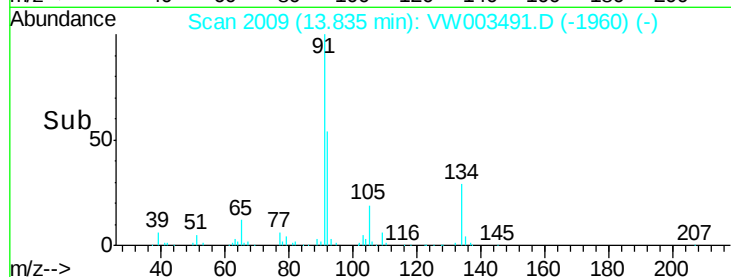
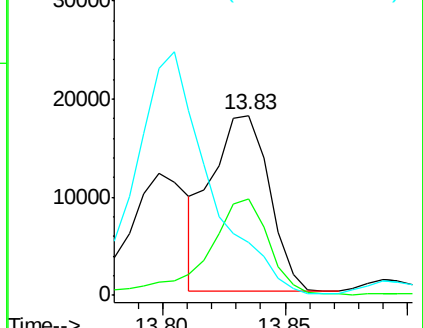
134 0.0 12.7 38.0#



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



#90

Hexachloroethane

Concen: 2.868 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003491.D

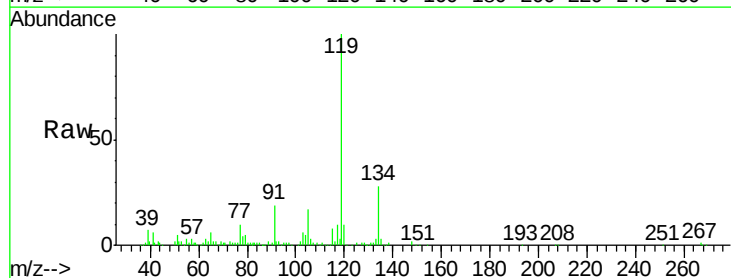
Acq: 24 Jun 2018 06:13

Tgt Ion: 117 Resp: 5183

Ion Ratio Lower Upper

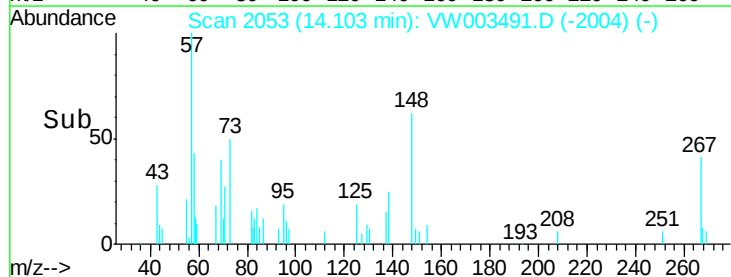
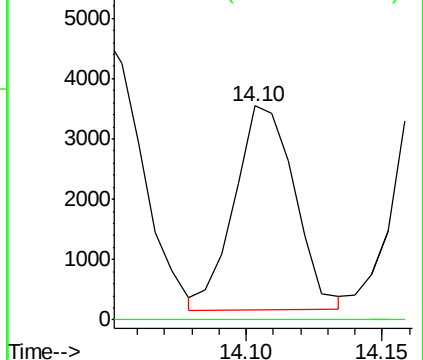
117 100

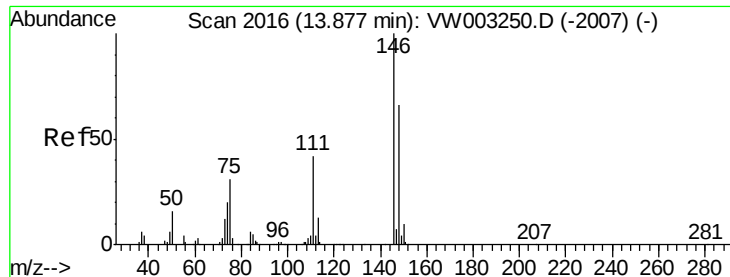
201 0.0 39.5 118.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 73.345 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-19-21-180621

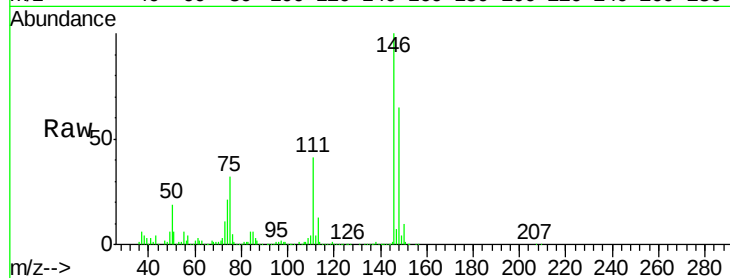
Tgt Ion:146 Resp: 327398

Ion Ratio Lower Upper

146 100

111 41.8 20.3 61.0

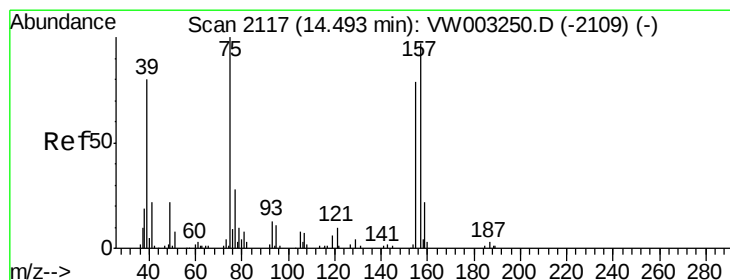
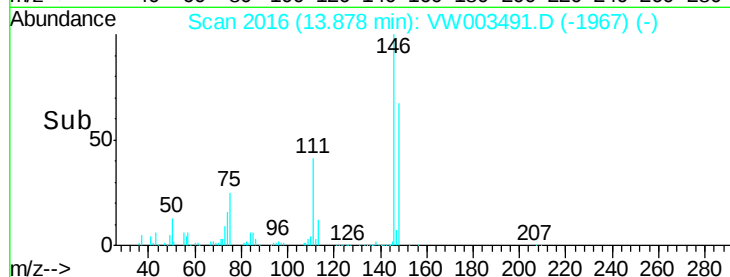
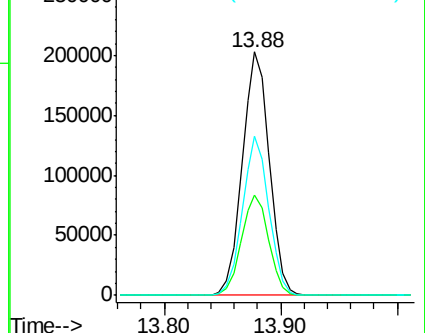
148 64.0 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.437 ug/l

RT: 14.48 min Scan# 2114

Delta R.T. -0.02 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

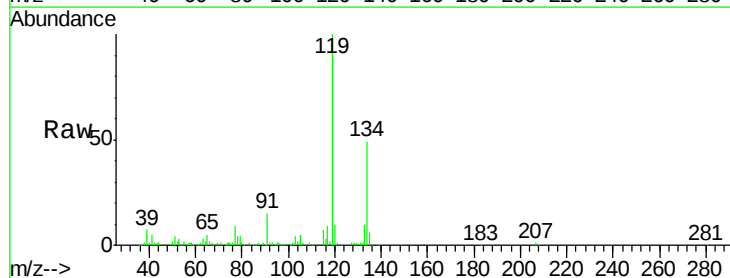
Tgt Ion: 75 Resp: 739

Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.2#

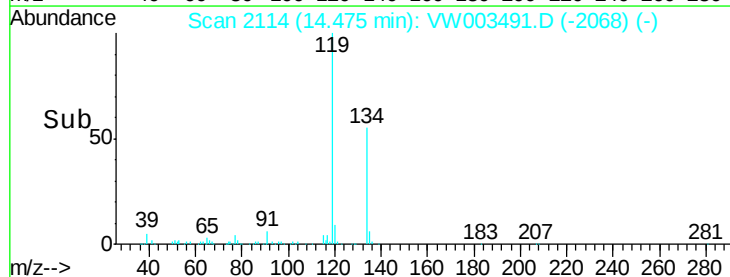
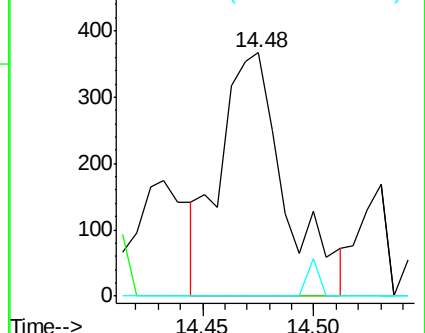
157 0.0 51.5 154.5#

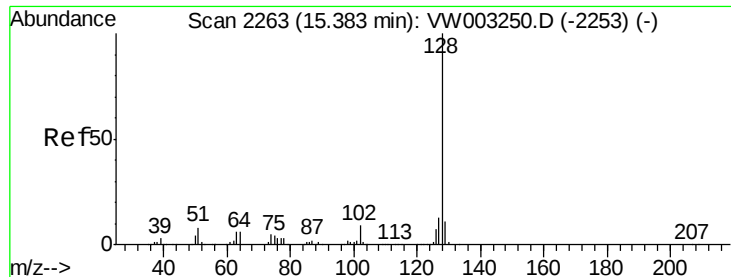


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

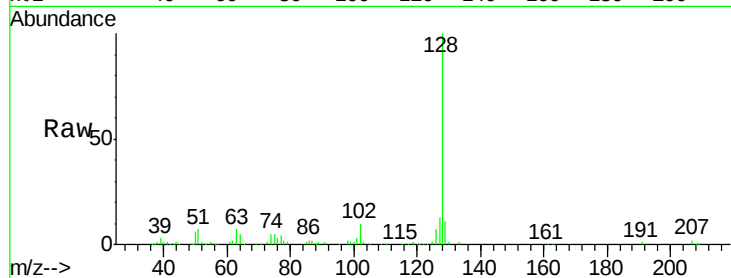




#95
 Naphthalene
 Concen: 9.819 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-19-21-180621

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.5	15.7
129	12.1	8.9	13.3



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

