

Data File : VW003514.D
Acq On : 24 Jun 2018 16:48
Operator : SY/AP
Sample : J3669-16
Misc : 6.21G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-35-37-180620

Quant Time: Jun 24 23:28:23 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	173034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	294116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	124732	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115682	61.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.44%	
35) Dibromofluoromethane	7.88	113	97450	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
50) Toluene-d8	10.33	98	347663	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.62	95	134511	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	

Target Compounds				Qvalue		
4) Vinyl Chloride	2.36	62	29515	15.318	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	23139	14.436	ug/l	89
11) Tert butyl alcohol	5.23	59	403	4.009	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	1286625	821.402	ug/l	97
14) Allyl chloride	4.92	41	12617	4.650	ug/l #	19
16) Acetone	4.15	43	18079	45.993	ug/l	97
20) Methylene Chloride	4.91	84	295276	186.884	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	3460	2.030	ug/l	93
24) 1,1-Dichloroethane	6.21	63	27836	8.587	ug/l	95
25) 2-Butanone	7.19	43	9535	19.507	ug/l #	1
27) cis-1,2-Dichloroethene	7.17	96	3740569	1997.423	ug/l	93
28) Bromochloromethane	7.68	49	7699	5.707	ug/l #	15
29) Tetrahydrofuran	7.54	42	1468	4.914	ug/l #	58
30) Chloroform	7.68	83	84043	25.447	ug/l	99
31) Cyclohexane	7.95	56	8734	2.884	ug/l #	57
37) Ethyl Acetate	7.19	43	9535	8.103	ug/l #	69
38) Carbon Tetrachloride	7.95	117	17575	6.308	ug/l #	17
39) Methylcyclohexane	9.09	83	590513	179.676	ug/l #	1
40) Benzene	8.32	78	43495	5.555	ug/l	96
41) Methacrylonitrile	7.54	41	752	1.041	ug/l #	50
42) 1,2-Dichloroethane	8.40	62	14634	5.966	ug/l	100
45) 1,2-Dichloropropane	9.09	63	241663	121.227	ug/l #	1
48) Methyl methacrylate	9.48	41	1244	1.133	ug/l #	12
51) 4-Methyl-2-Pentanone	10.22	43	170337	143.071	ug/l	100
52) Toluene	10.40	92	5330638	1061.738	ug/l	95
53) t-1,3-Dichloropropene	10.39	75	66276	24.800	ug/l #	1
55) 1,1,2-Trichloroethane	10.79	97	54182	37.674	ug/l	98
59) 2-Hexanone	10.84	43	6598	7.933	ug/l	67
60) Dibromochloromethane	10.87	129	34260	20.031	ug/l #	10
64) Tetrachloroethene	10.87	164	38651	22.653	ug/l	96
65) Chlorobenzene	11.66	112	355674	66.954	ug/l	100
67) Ethyl Benzene	11.74	91	52570	5.583	ug/l	99
68) m/p-Xylenes	11.84	106	69005	19.278	ug/l	99
69) o-Xylene	12.17	106	25567	7.707	ug/l	95

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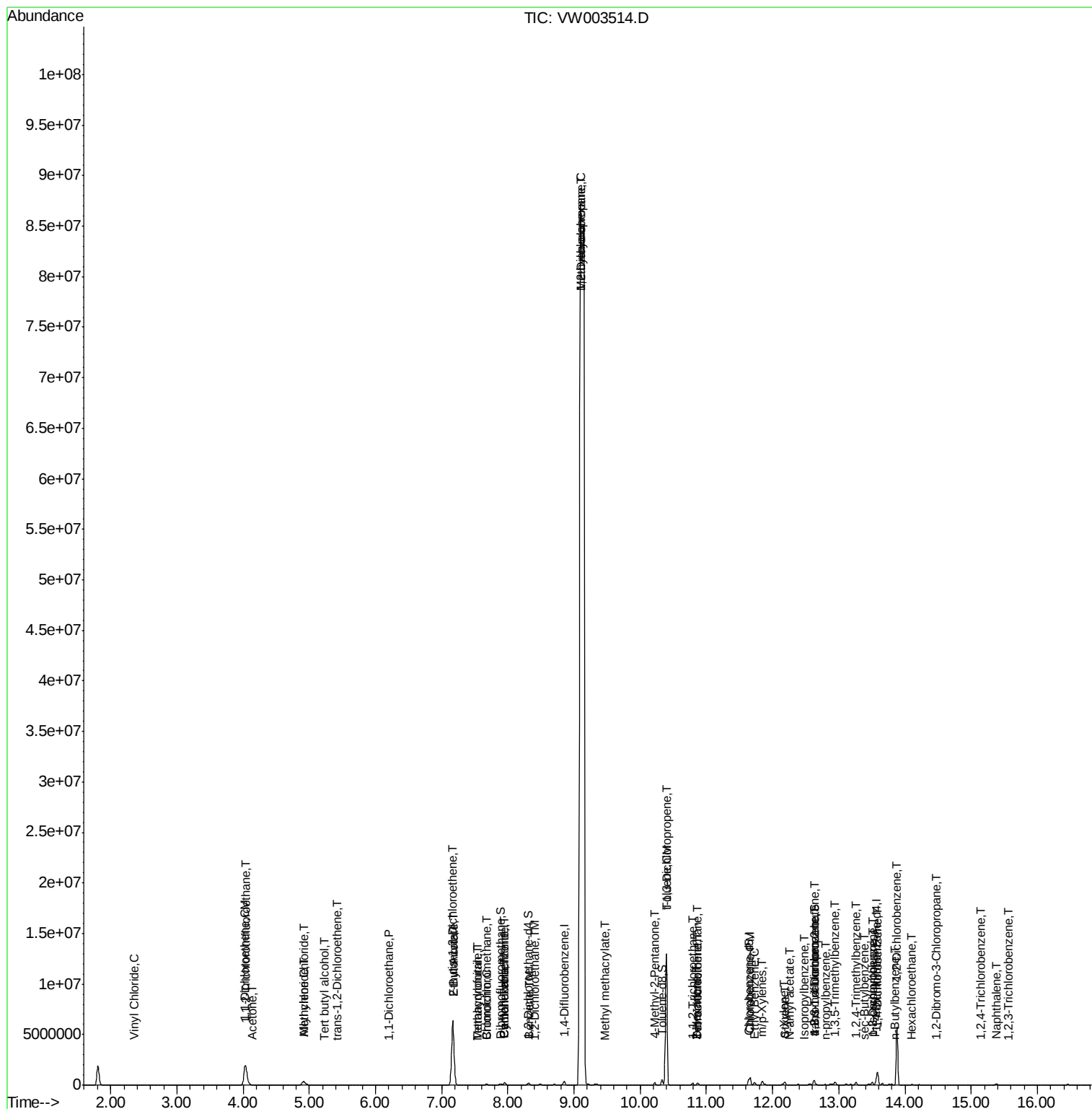
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Styrene	12.19	104	98025	17.752	ug/l	95
73) Isopropylbenzene	12.47	105	9090	1.048	ug/l	99
74) N-amyl acetate	12.26	43	8373	4.240	ug/l #	73
76) 1,2,3-Trichloropropane	12.62	75	72989	68.450	ug/l #	100
78) n-propylbenzene	12.81	91	19447	1.831	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	51825	7.117	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.62	75	72989	157.507	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.26	105	129492	17.287	ug/l	99
85) sec-Butylbenzene	13.39	105	12316	1.335	ug/l #	47
86) p-Isopropyltoluene	13.51	119	9670	1.189	ug/l	92
87) 1,3-Dichlorobenzene	13.51	146	111303	26.816	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	423626	102.664	ug/l	99
89) n-Butylbenzene	13.83	91	8774	1.106	ug/l #	77
90) Hexachloroethane	14.10	117	2396	1.628	ug/l #	10
91) 1,2-Dichlorobenzene	13.88	146	2225129	612.003	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	302	1.223	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.14	180	6912	2.708	ug/l #	89
95) Naphthalene	15.38	128	116720	26.959	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	2630	1.171	ug/l	92

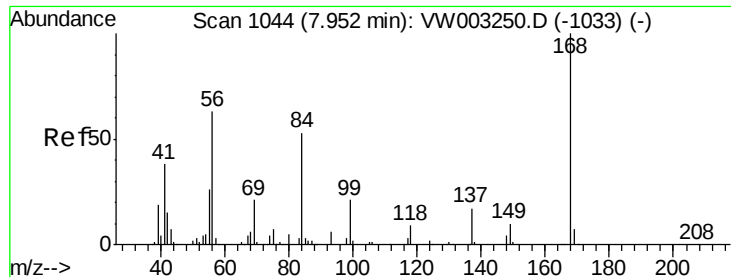
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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ClientSampleId :

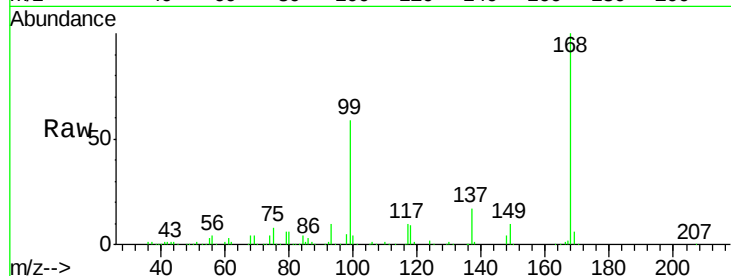
WP021SB483-35-37-180620

Tgt Ion:168 Resp: 173034

Ion Ratio Lower Upper

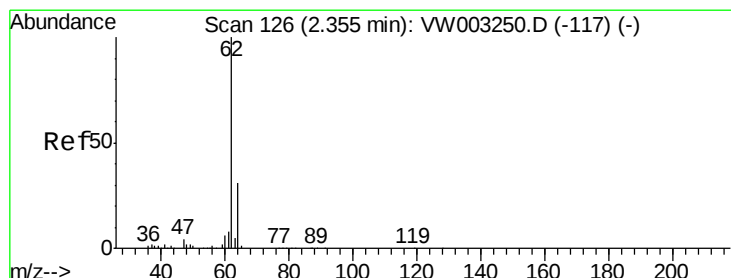
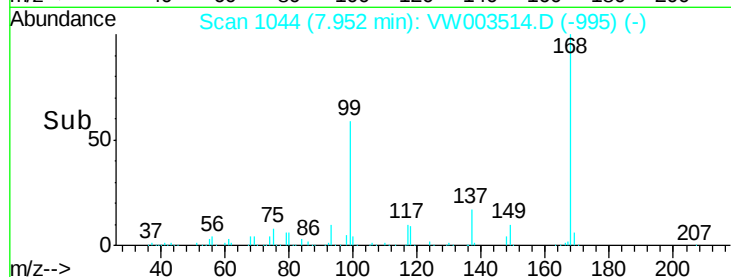
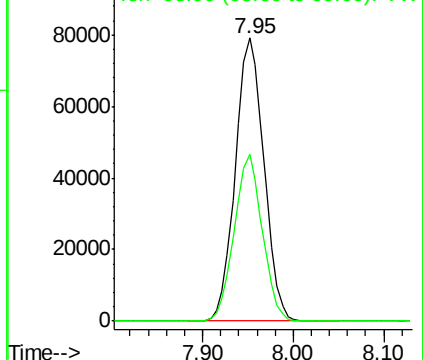
168 100

99 58.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#4

Vinyl Chloride

Concen: 15.318 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003514.D

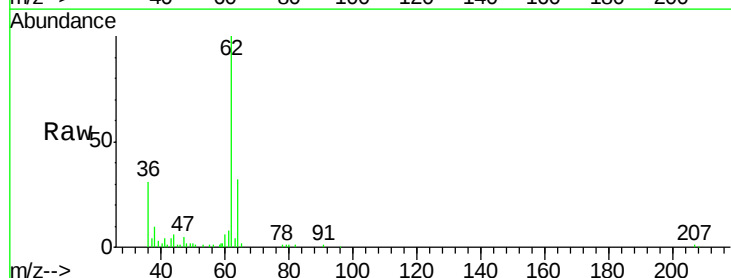
Acq: 24 Jun 2018 16:48

Tgt Ion: 62 Resp: 29515

Ion Ratio Lower Upper

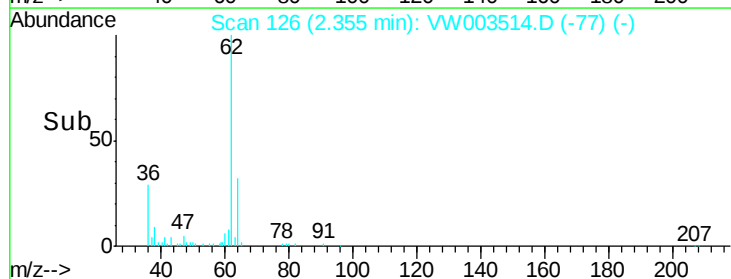
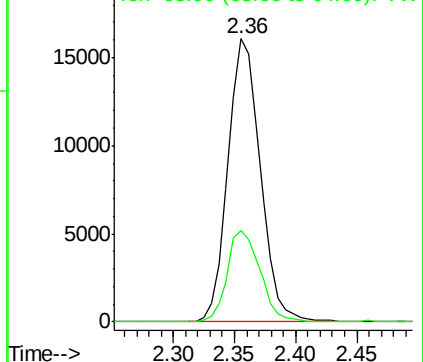
62 100

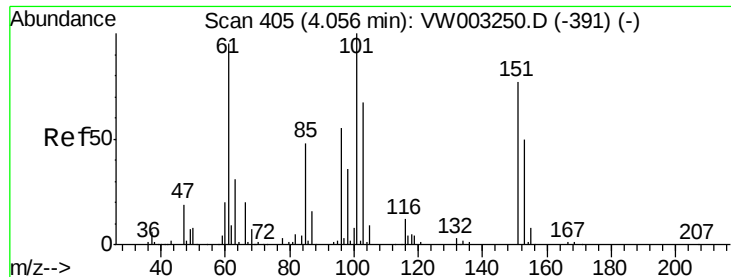
64 32.2 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.436 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-35-37-180620

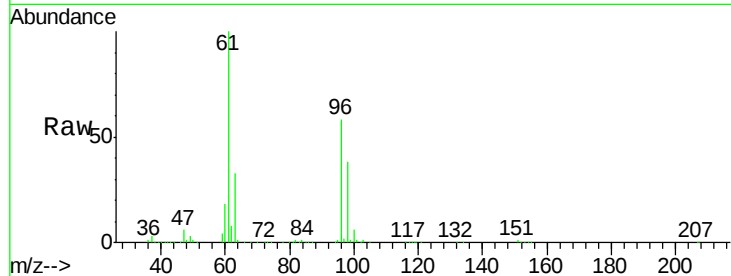
Tgt Ion:101 Resp: 23139

Ion Ratio Lower Upper

101 100

85 41.1 37.0 55.6

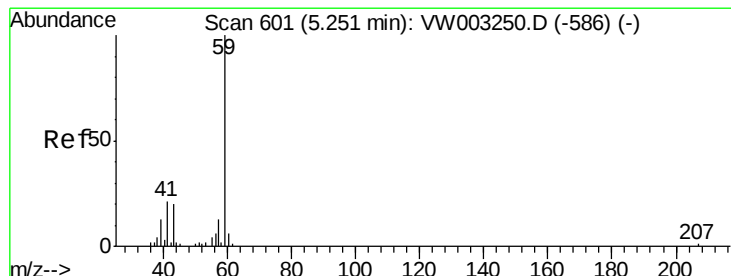
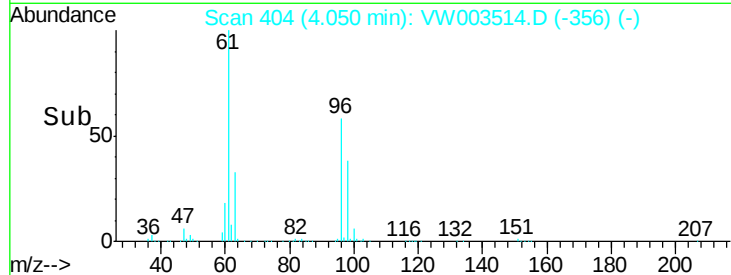
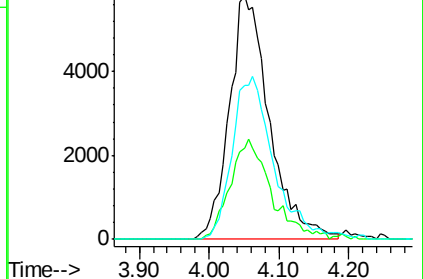
151 68.4 63.3 94.9



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: 4.009 ug/l

RT: 5.23 min Scan# 598

Delta R.T. -0.02 min

Lab File: VW003514.D

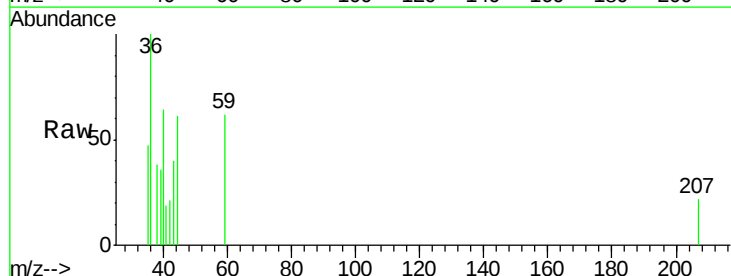
Acq: 24 Jun 2018 16:48

Tgt Ion: 59 Resp: 403

Ion Ratio Lower Upper

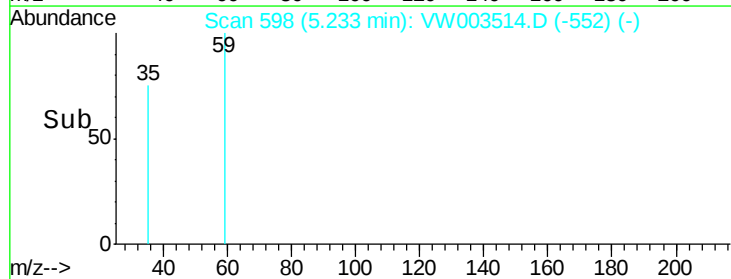
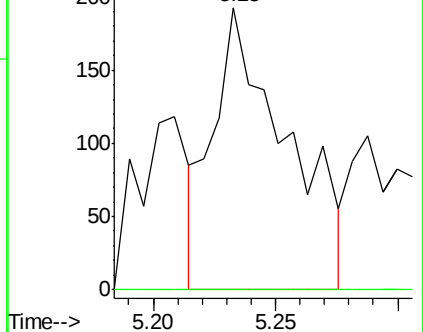
59 100

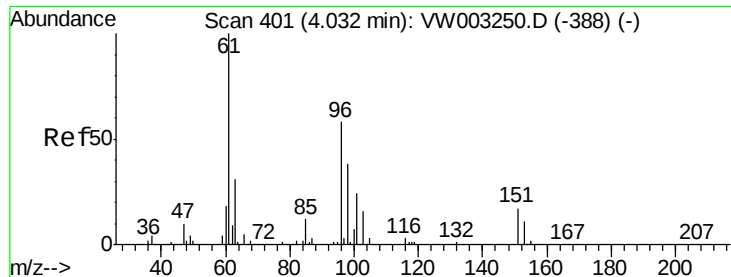
57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#12

1,1-Dichloroethene

Concen: 821.402 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.00 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-35-37-180620

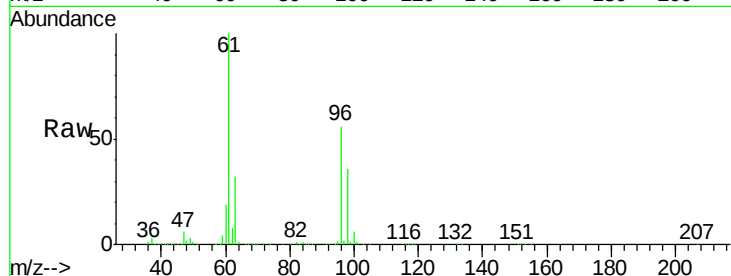
Tgt Ion: 96 Resp: 1286625

Ion Ratio Lower Upper

96 100

61 178.8 139.0 208.4

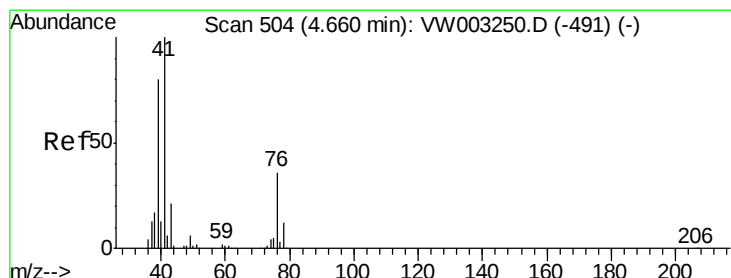
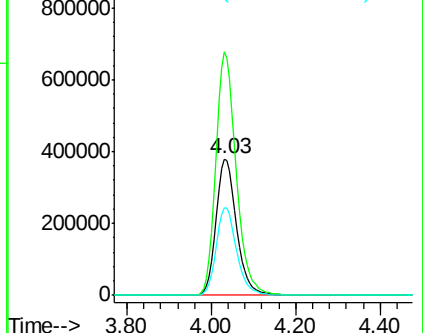
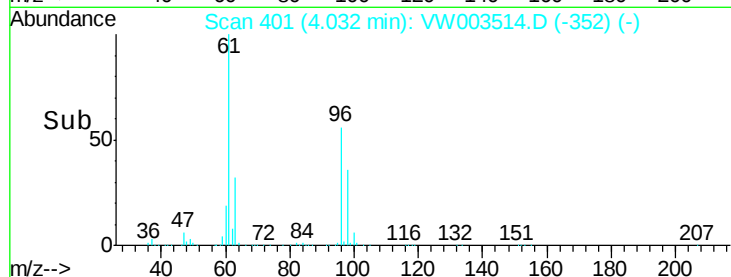
98 64.7 53.3 79.9



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



#14

Allyl chloride

Concen: 4.650 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.26 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

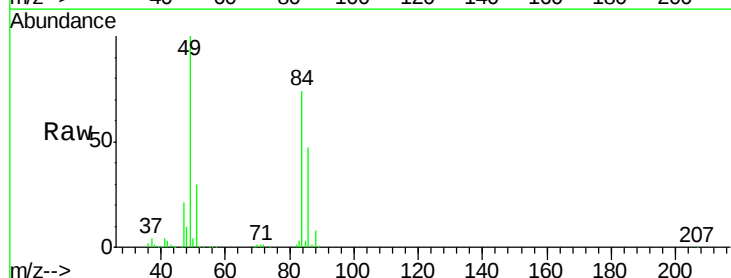
Tgt Ion: 41 Resp: 12617

Ion Ratio Lower Upper

41 100

39 0.0 63.2 94.8#

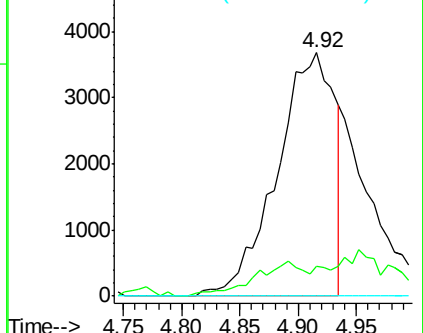
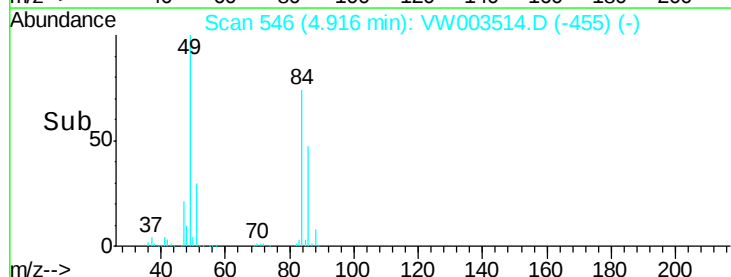
76 0.0 28.0 42.0#

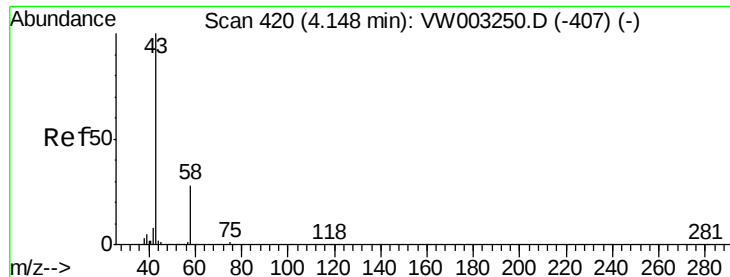


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#16

Acetone

Concen: 45.993 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

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Acq: 24 Jun 2018 16:48

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ClientSampleId :

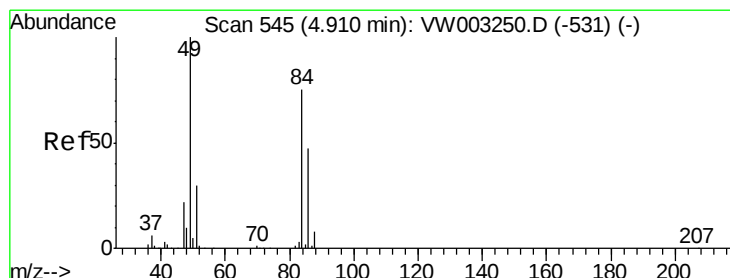
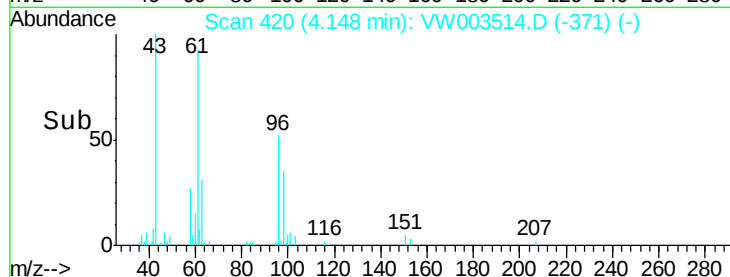
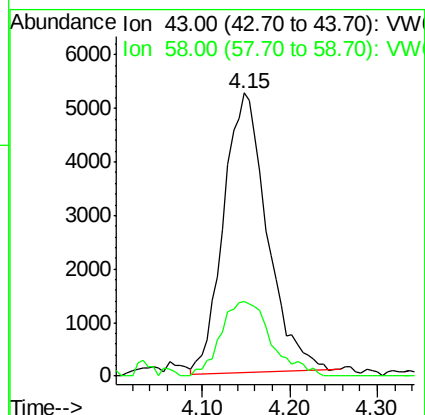
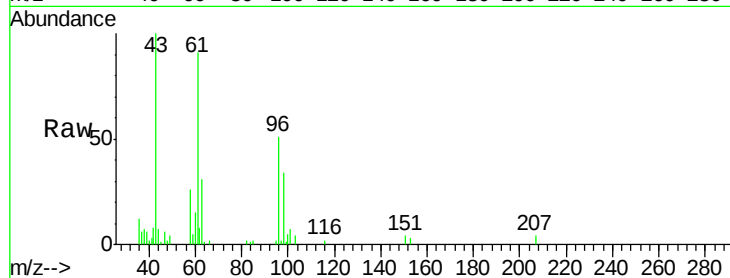
WP021SB483-35-37-180620

Tgt Ion: 43 Resp: 18079

Ion Ratio Lower Upper

43 100

58 26.9 22.6 34.0



#20

Methylene Chloride

Concen: 186.884 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

Tgt Ion: 84 Resp: 295276

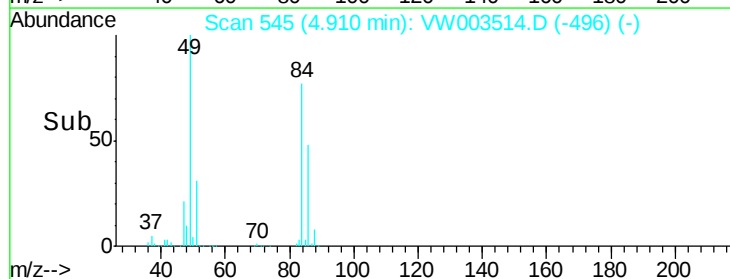
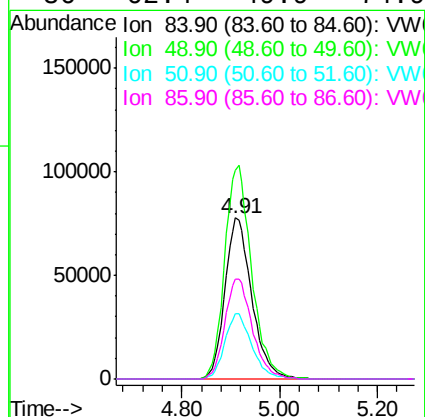
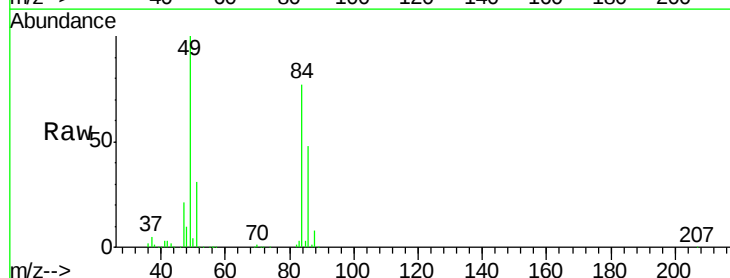
Ion Ratio Lower Upper

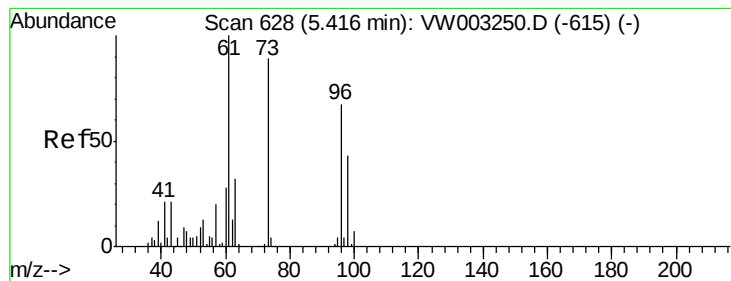
84 100

49 130.1 106.3 159.5

51 40.6 32.0 48.0

86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 2.030 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

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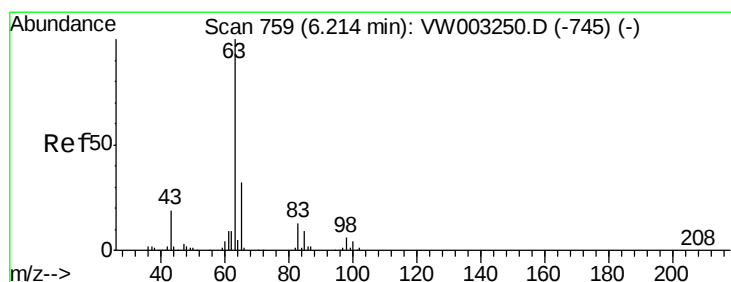
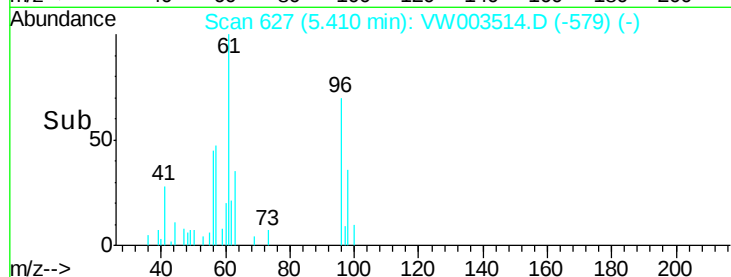
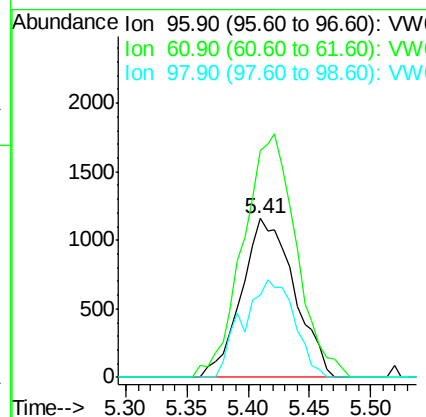
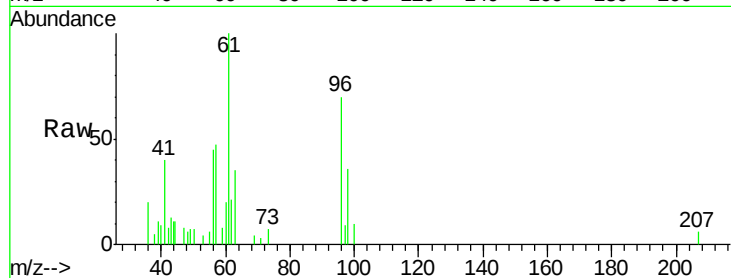
Tgt Ion: 96 Resp: 3460

Ion Ratio Lower Upper

96 100

61 143.1 118.7 178.1

98 52.1 51.0 76.6



#24

1,1-Dichloroethane

Concen: 8.587 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

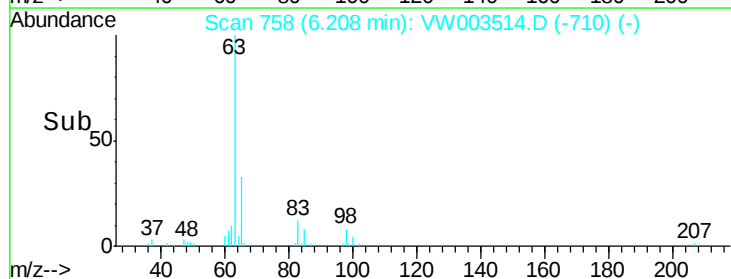
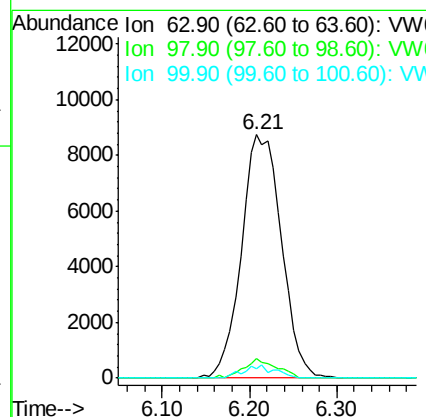
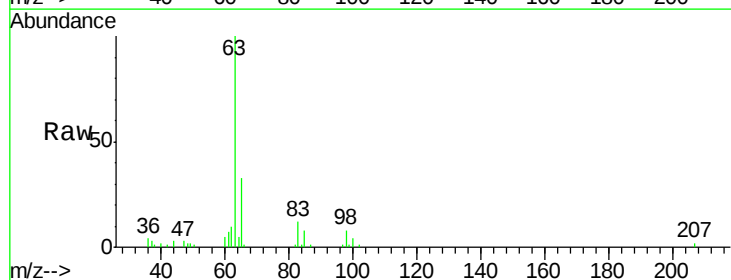
Tgt Ion: 63 Resp: 27836

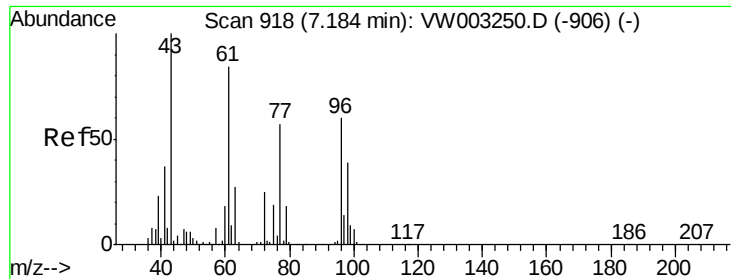
Ion Ratio Lower Upper

63 100

98 8.0 2.8 8.3

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 19.507 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

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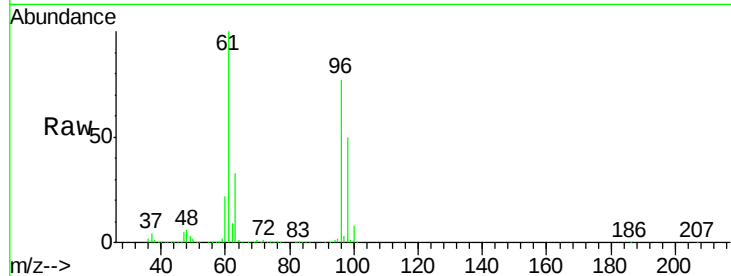
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Tgt Ion: 43 Resp: 9535

Ion Ratio Lower Upper

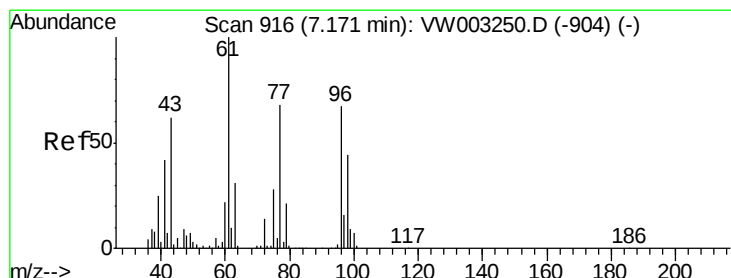
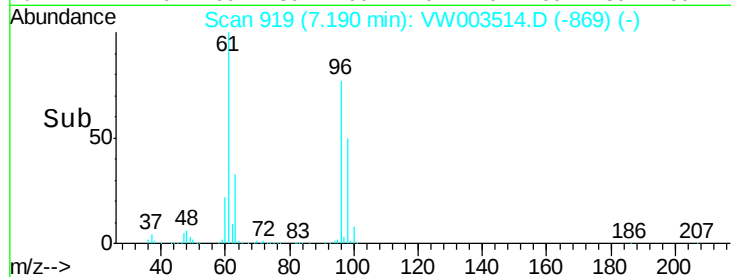
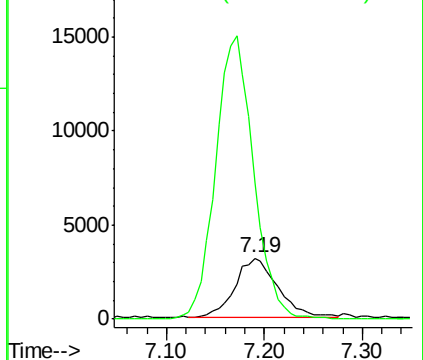
43 100

72 230.3 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: 1997.423 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

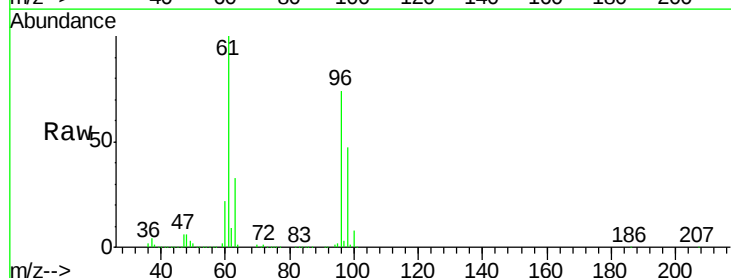
Tgt Ion: 96 Resp: 3740569

Ion Ratio Lower Upper

96 100

61 136.7 0.0 298.8

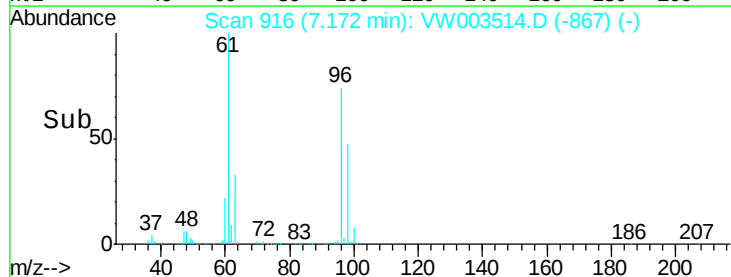
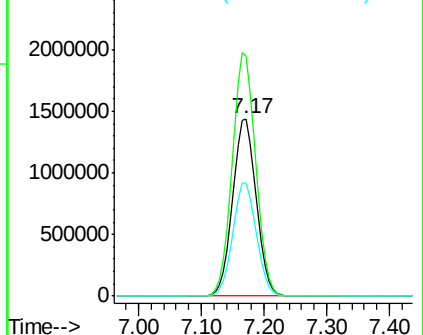
98 64.0 0.0 130.4

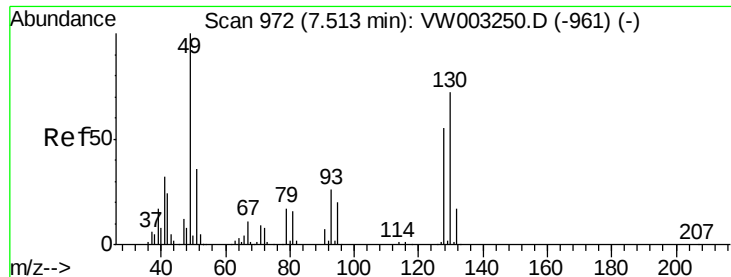


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#28

Bromochloromethane

Concen: 5.707 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.16 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-35-37-180620

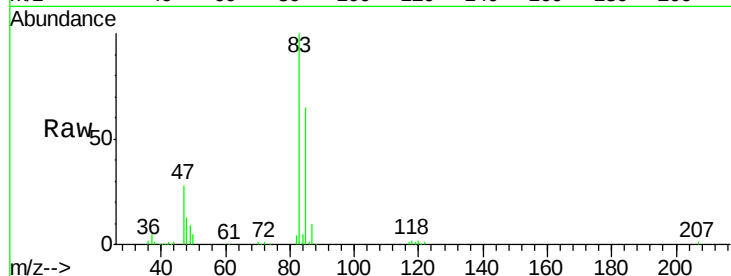
Tgt Ion: 49 Resp: 7699

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

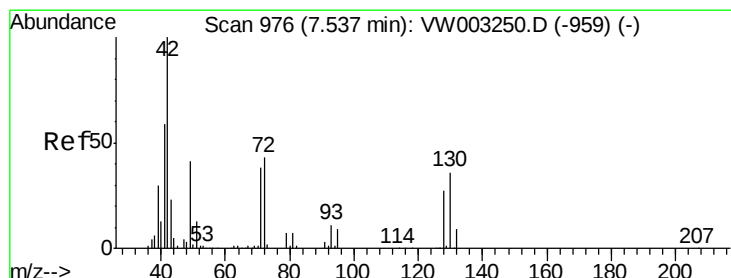
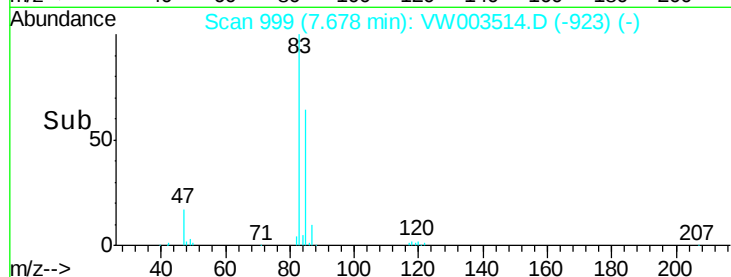
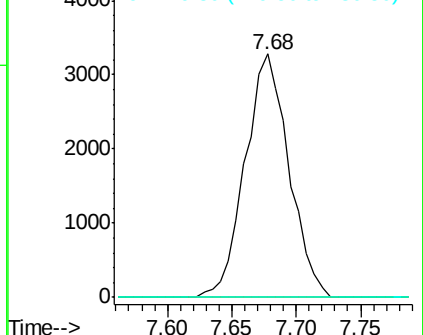
130 0.0 59.4 89.2#



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 4.914 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

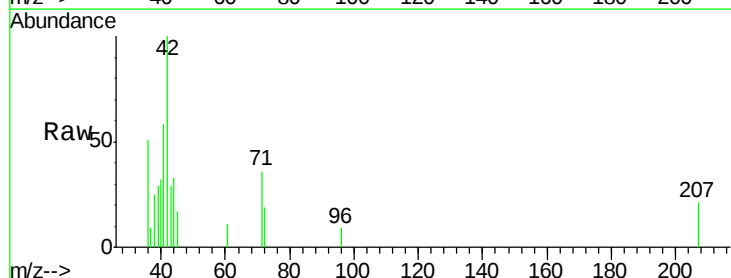
Tgt Ion: 42 Resp: 1468

Ion Ratio Lower Upper

42 100

72 0.0 32.4 48.6#

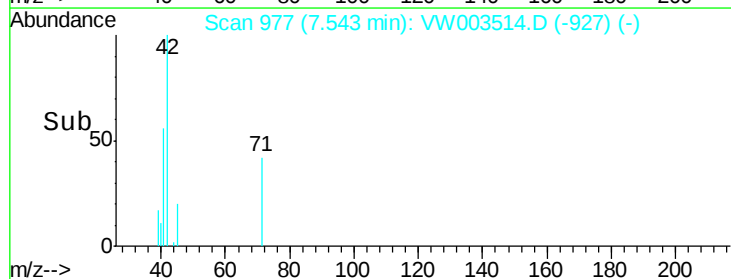
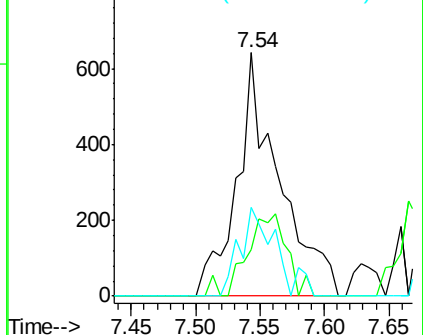
71 27.9 31.2 46.8#

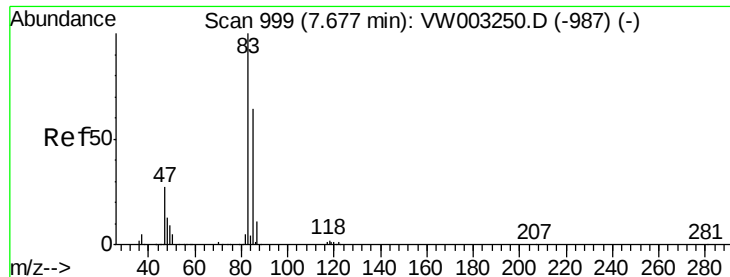


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

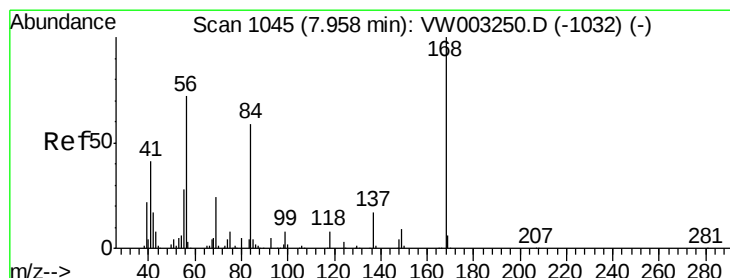
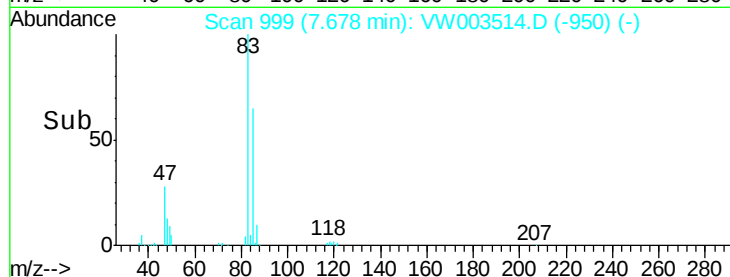
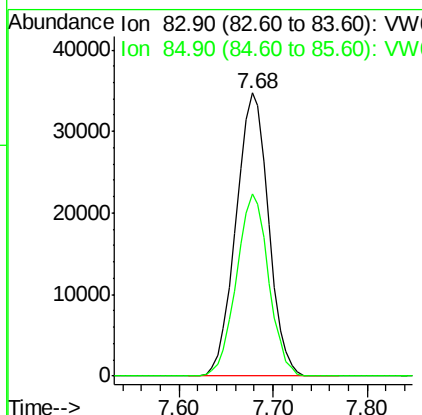
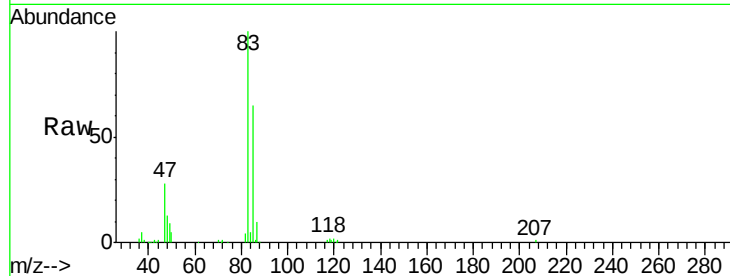




#30
Chloroform
Concen: 25.447 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003514.D
Acq: 24 Jun 2018 16:48

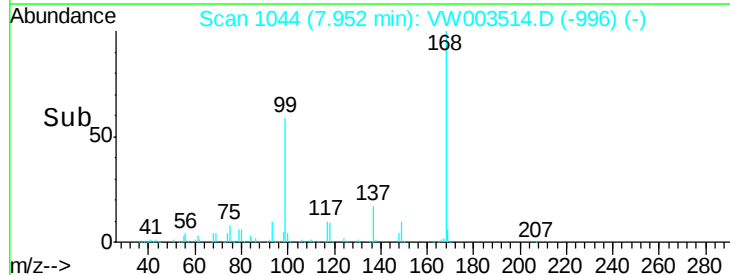
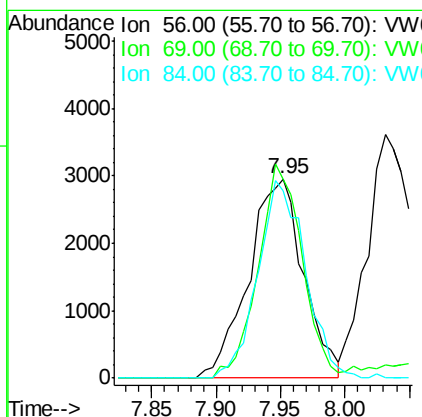
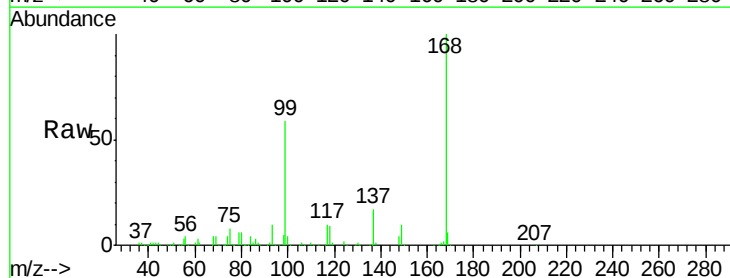
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-35-37-180620

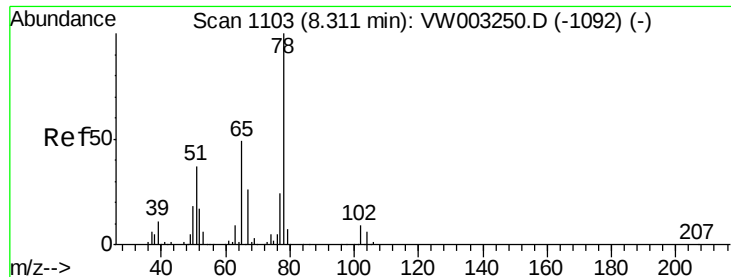
Tgt Ion: 83 Resp: 84043
Ion Ratio Lower Upper
83 100
85 64.6 51.3 76.9



#31
Cyclohexane
Concen: 2.884 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003514.D
Acq: 24 Jun 2018 16:48

Tgt Ion: 56 Resp: 8734
Ion Ratio Lower Upper
56 100
69 99.6 26.3 39.5#
84 93.9 65.7 98.5

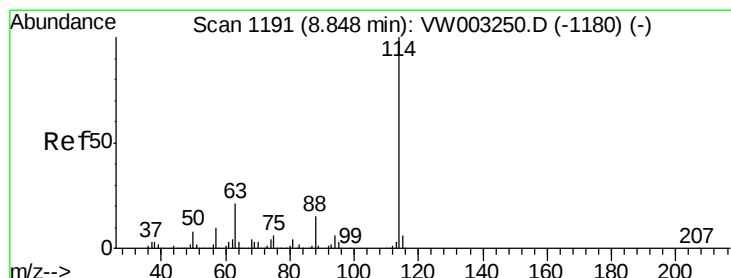
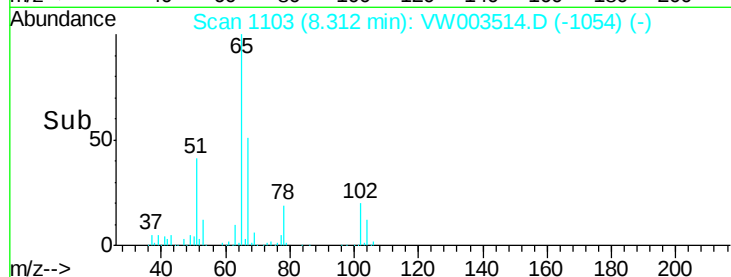
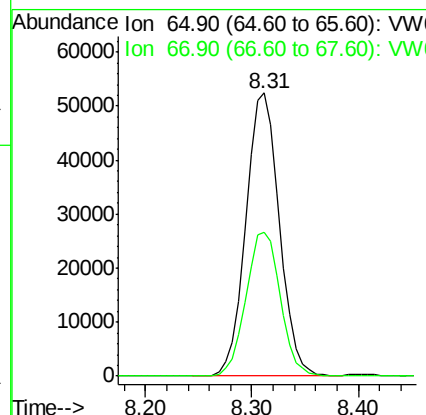
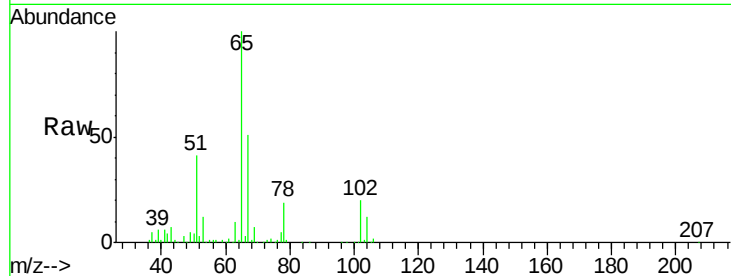




#33
 1,2-Dichloroethane-d4
 Concen: 61.723 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003514.D
 Acq: 24 Jun 2018 16:48

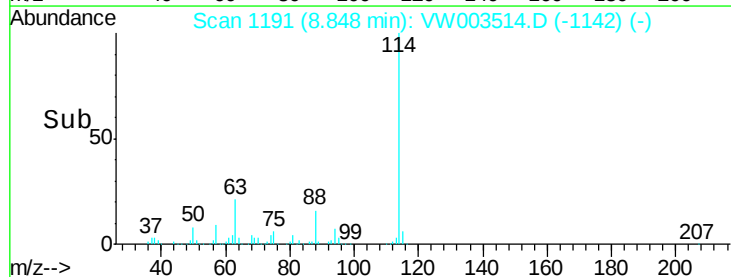
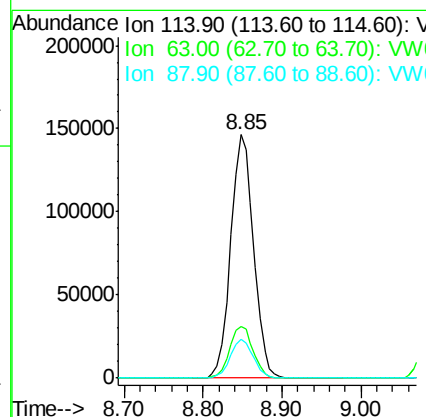
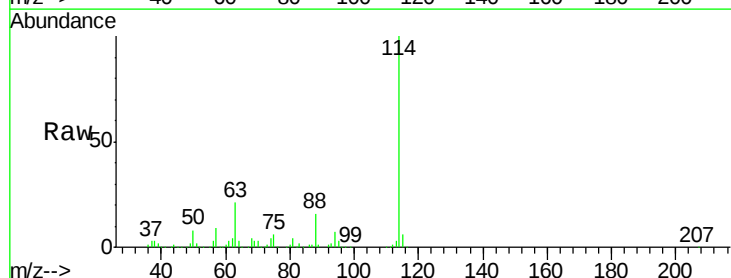
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-35-37-180620

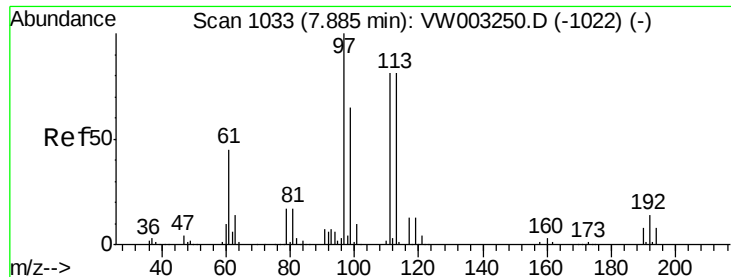
Tgt Ion: 65 Resp: 115682
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003514.D
 Acq: 24 Jun 2018 16:48

Tgt Ion: 114 Resp: 294116
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.0
 88 15.8 0.0 29.6

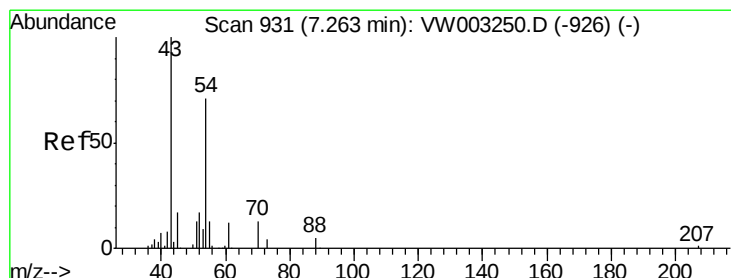
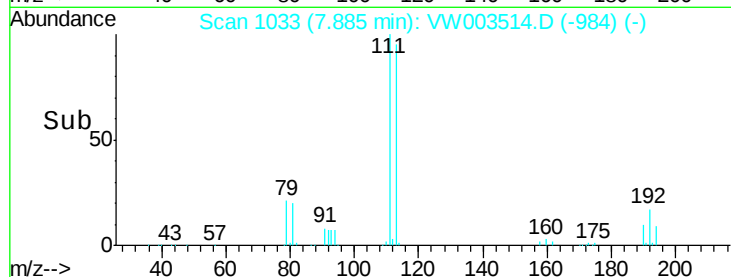
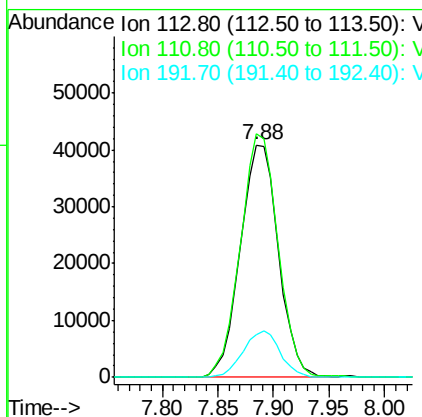
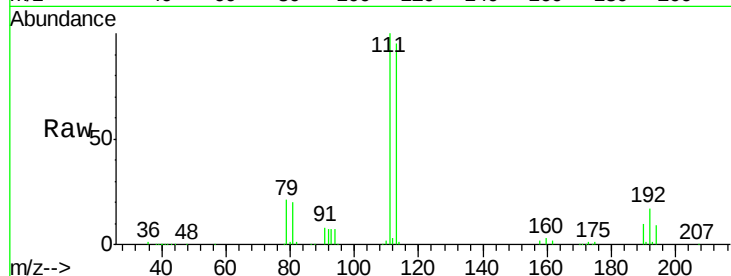




#35
 Dibromofluoromethane
 Concen: 53.323 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003514.D
 Acq: 24 Jun 2018 16:48

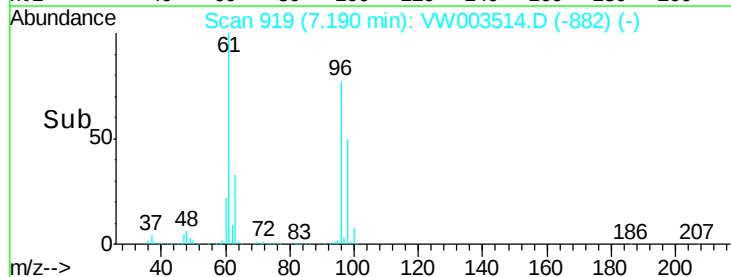
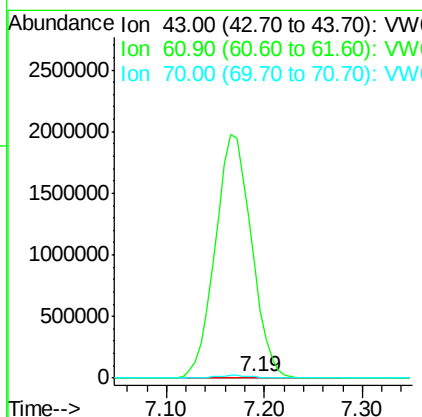
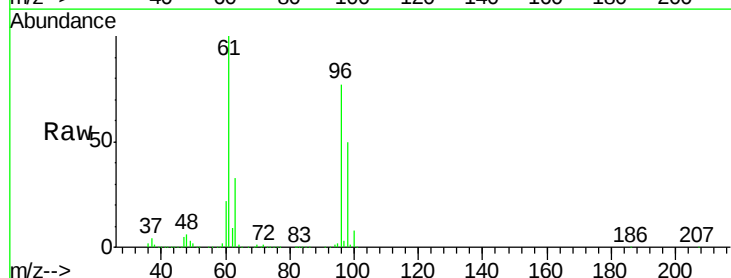
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-35-37-180620

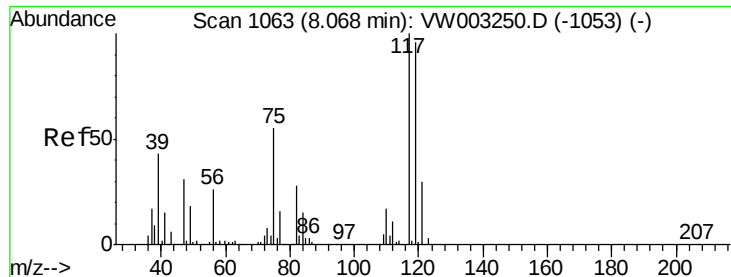
Tgt Ion: 113 Resp: 97450
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.2
 192 19.6 16.2 24.2



#37
 Ethyl Acetate
 Concen: 8.103 ug/l
 RT: 7.19 min Scan# 919
 Delta R.T. -0.07 min
 Lab File: VW003514.D
 Acq: 24 Jun 2018 16:48

Tgt Ion: 43 Resp: 9535
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.8 16.2#
 70 0.0 7.8 11.6#





#38

Carbon Tetrachloride

Concen: 6.308 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-35-37-180620

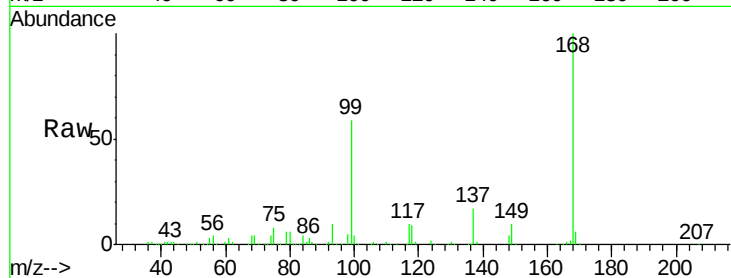
Tgt Ion:117 Resp: 17575

Ion Ratio Lower Upper

117 100

119 6.1 76.6 115.0#

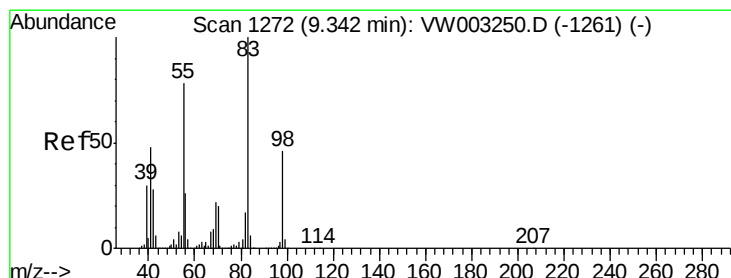
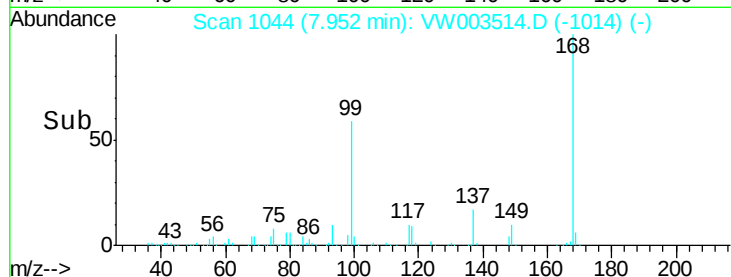
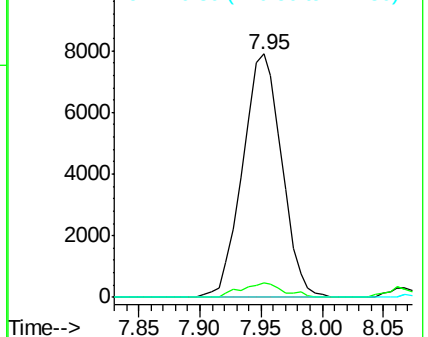
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 179.676 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.25 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

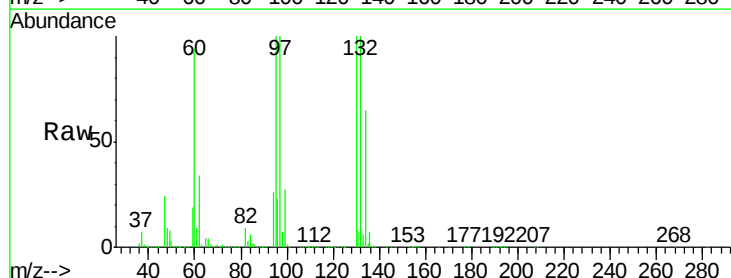
Tgt Ion: 83 Resp: 590513

Ion Ratio Lower Upper

83 100

55 1.4 62.6 93.8#

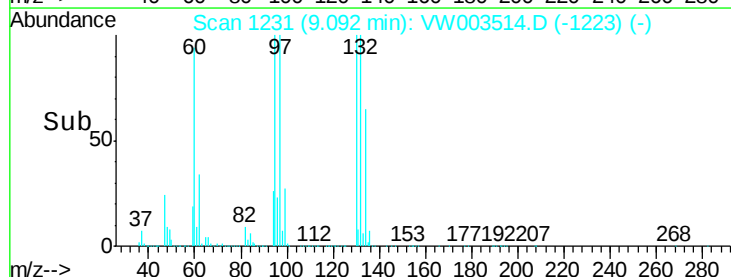
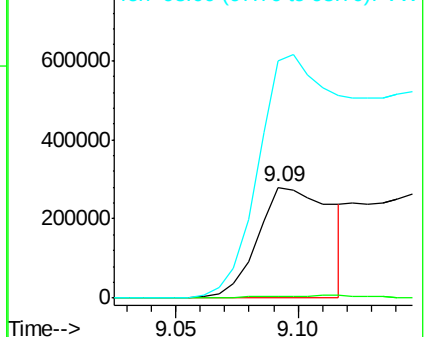
98 213.7 37.0 55.4#

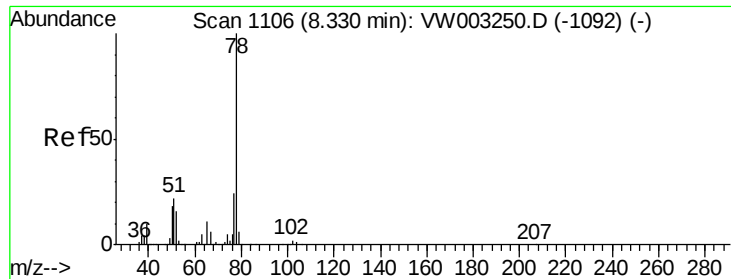


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 5.555 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

Instrument :

MSVOA_W

ClientSampleId :

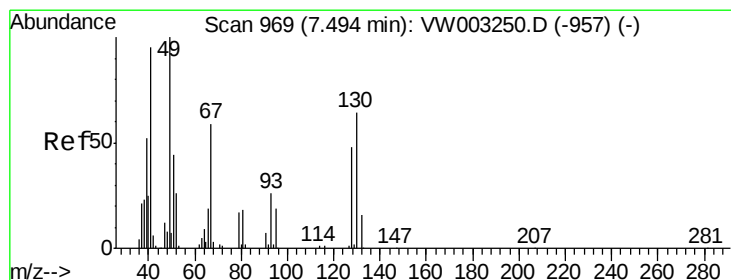
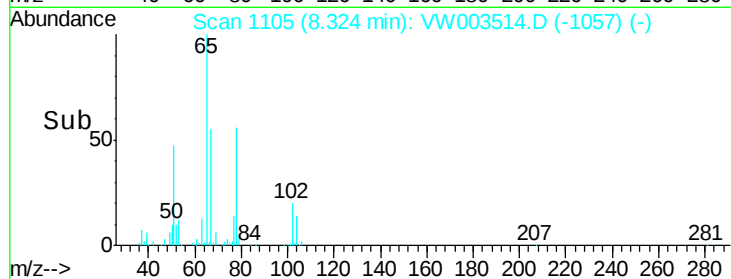
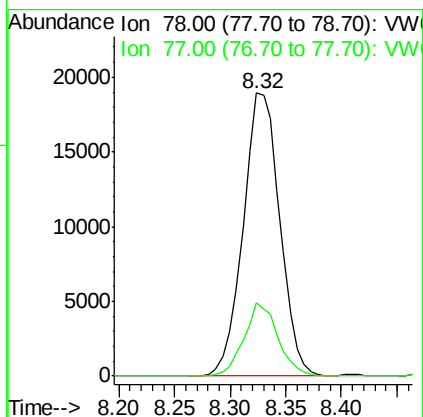
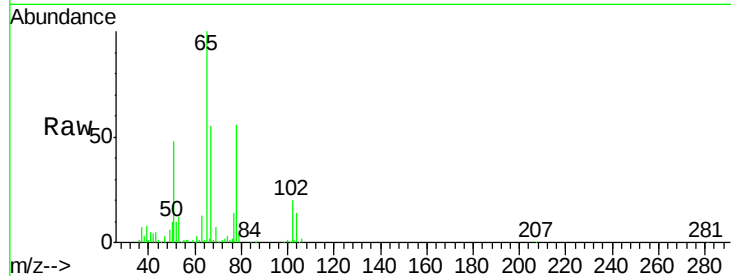
WP021SB483-35-37-180620

Tgt Ion: 78 Resp: 43495

Ion Ratio Lower Upper

78 100

77 25.7 19.0 28.6



#41

Methacrylonitrile

Concen: 1.041 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.05 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

Tgt Ion: 41 Resp: 752

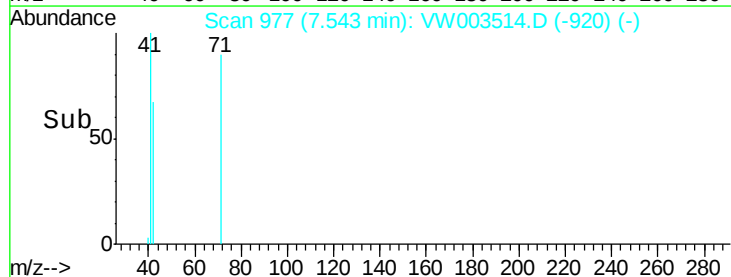
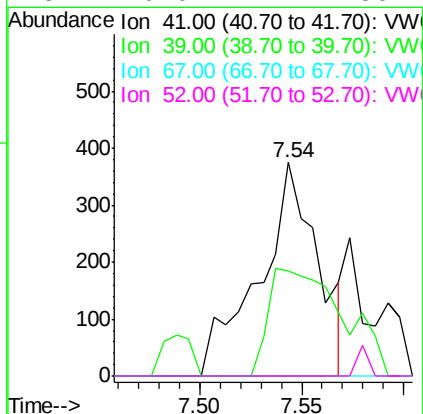
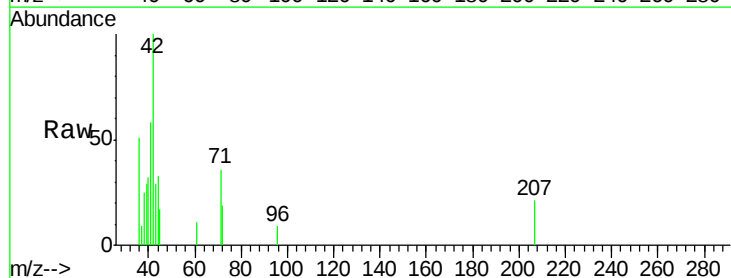
Ion Ratio Lower Upper

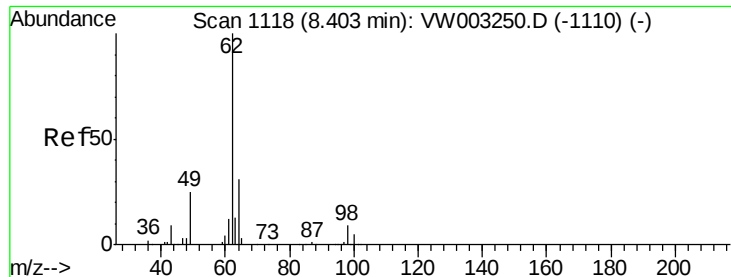
41 100

39 64.0 45.8 68.8

67 0.0 52.3 78.5#

52 0.0 24.1 36.1#





#42

1,2-Dichloroethane

Concen: 5.966 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

Instrument :

MSVOA_W

ClientSampleId :

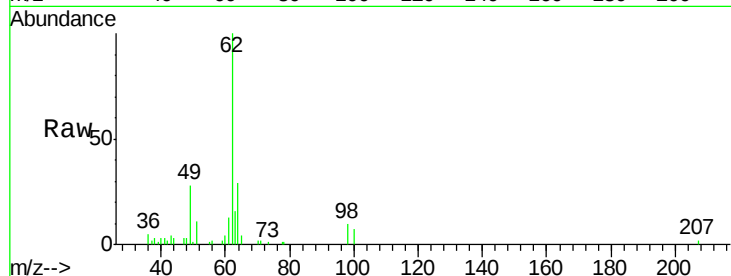
WP021SB483-35-37-180620

Tgt Ion: 62 Resp: 14634

Ion Ratio Lower Upper

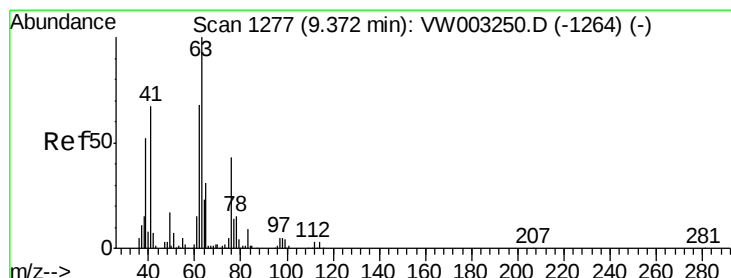
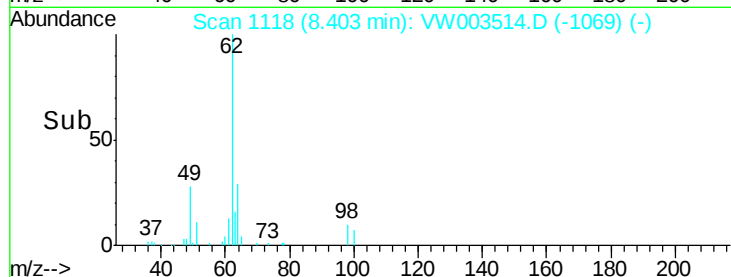
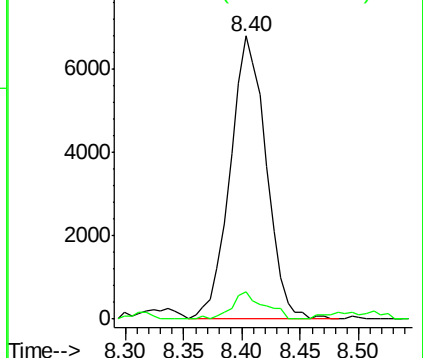
62 100

98 8.6 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



#45

1,2-Dichloropropane

Concen: 121.227 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.28 min

Lab File: VW003514.D

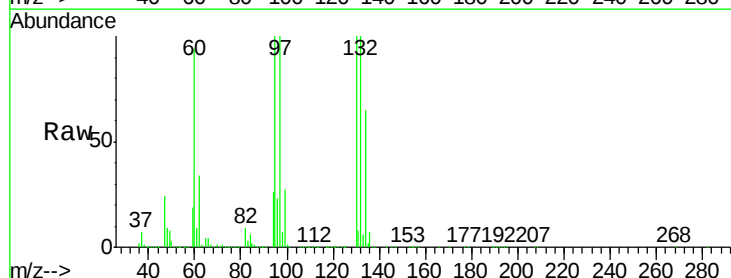
Acq: 24 Jun 2018 16:48

Tgt Ion: 63 Resp: 241663

Ion Ratio Lower Upper

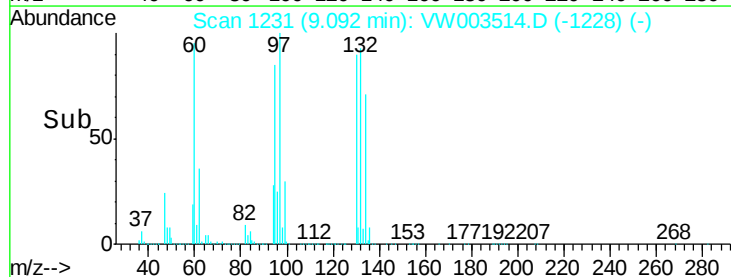
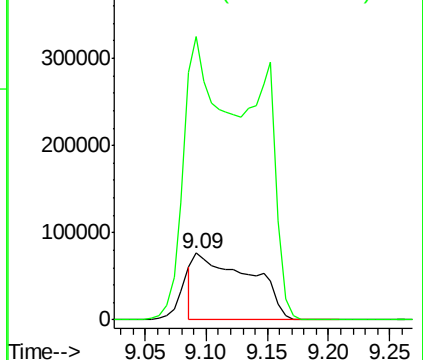
63 100

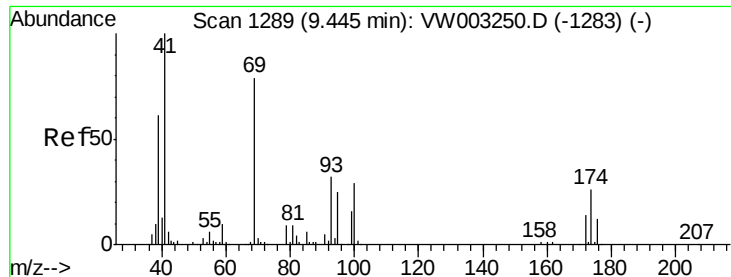
65 425.6 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

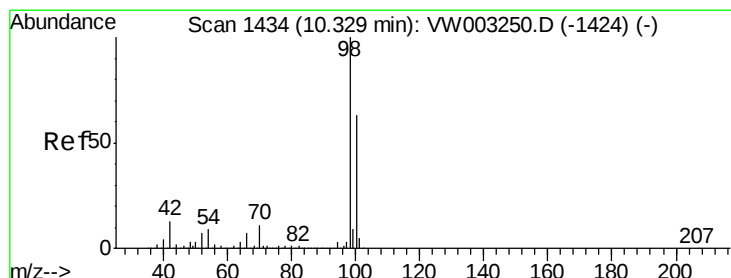
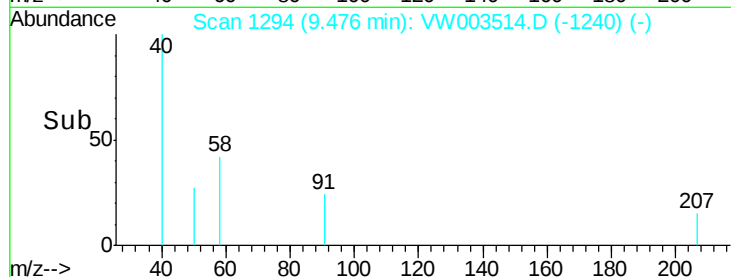
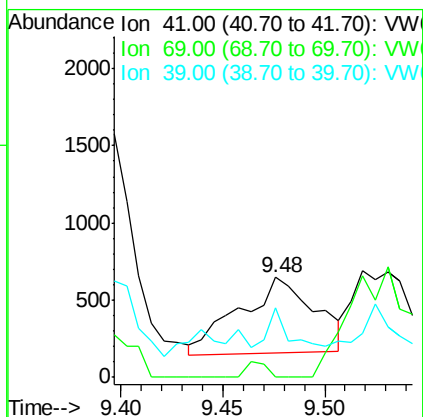
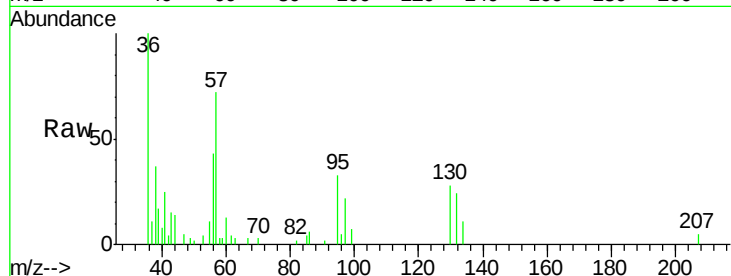




#48
Methyl methacrylate
Concen: 1.133 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.03 min
Lab File: VW003514.D
Acq: 24 Jun 2018 16:48

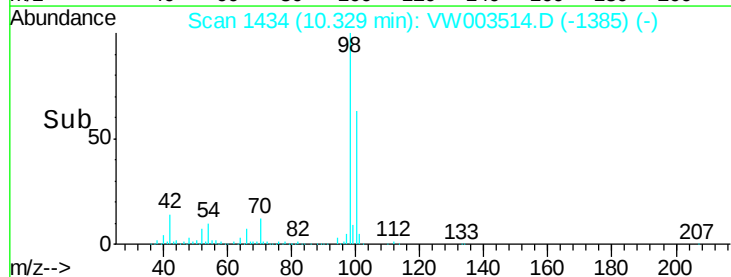
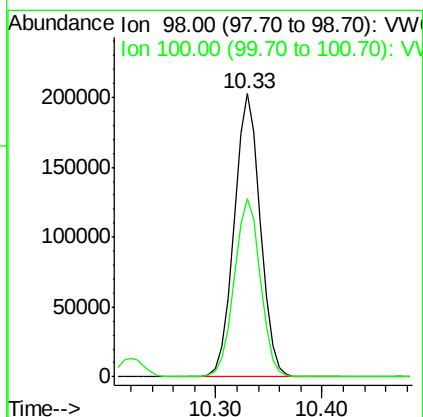
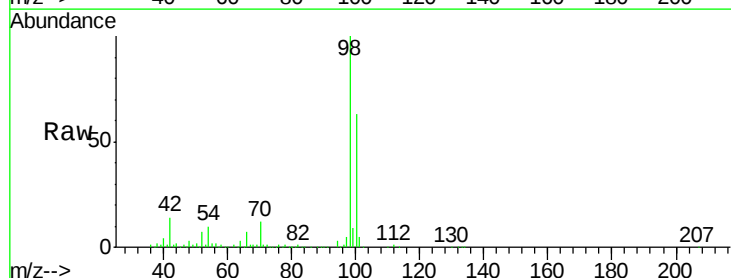
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-35-37-180620

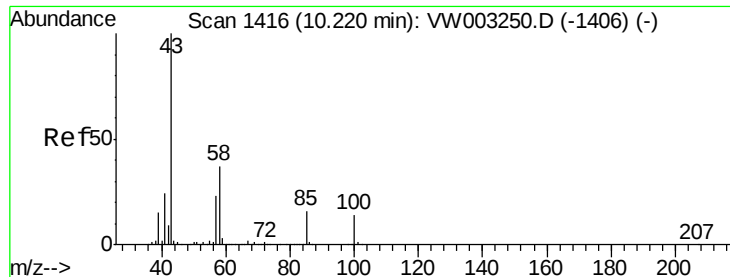
Tgt Ion: 41 Resp: 1244
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.2#
39 0.0 54.2 81.2#



#50
Toluene-d8
Concen: 47.976 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003514.D
Acq: 24 Jun 2018 16:48

Tgt Ion: 98 Resp: 347663
Ion Ratio Lower Upper
98 100
100 63.1 50.8 76.2

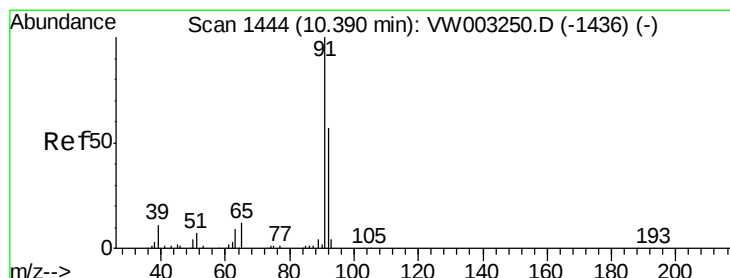
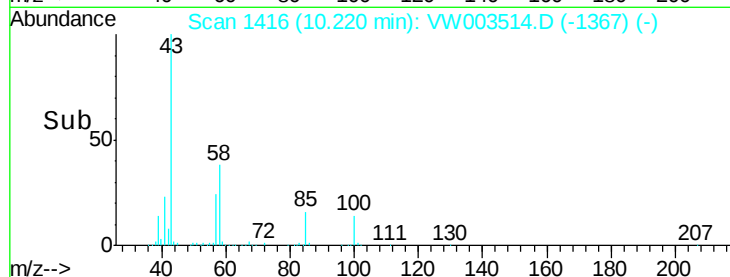
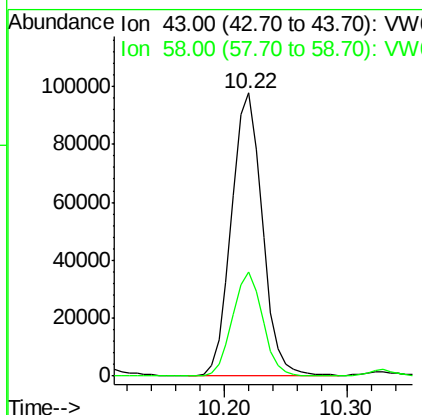
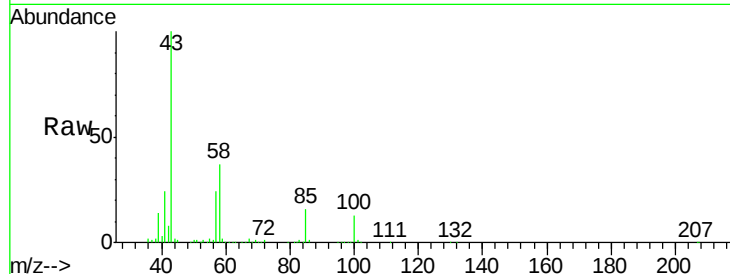




#51
 4-Methyl-2-Pentanone
 Concen: 143.071 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003514.D
 Acq: 24 Jun 2018 16:48

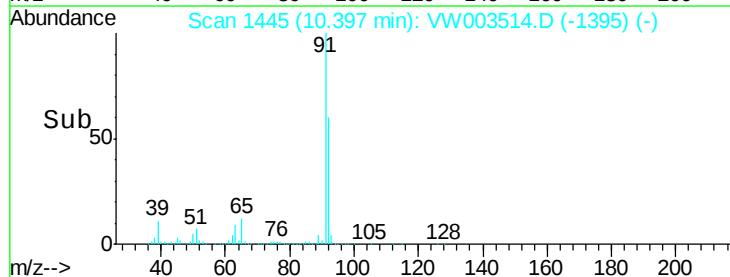
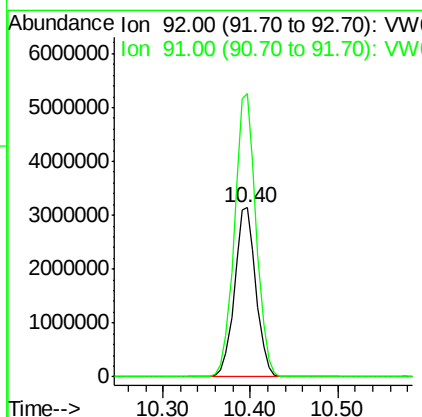
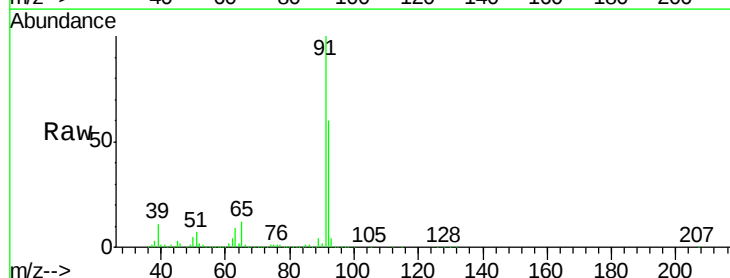
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-35-37-180620

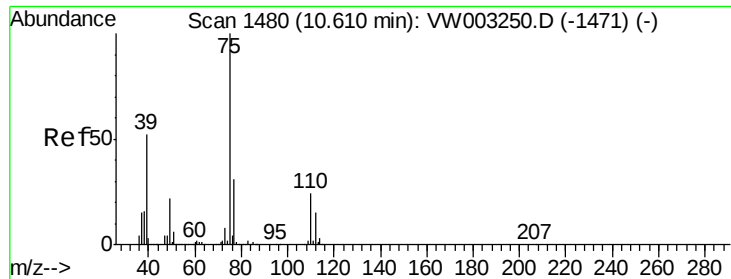
Tgt Ion: 43 Resp: 170337
 Ion Ratio Lower Upper
 43 100
 58 36.0 29.0 43.4



#52
 Toluene
 Concen: 1061.738 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: VW003514.D
 Acq: 24 Jun 2018 16:48

Tgt Ion: 92 Resp: 5330638
 Ion Ratio Lower Upper
 92 100
 91 169.8 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 24.800 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.22 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

Instrument :

MSVOA_W

ClientSampleId :

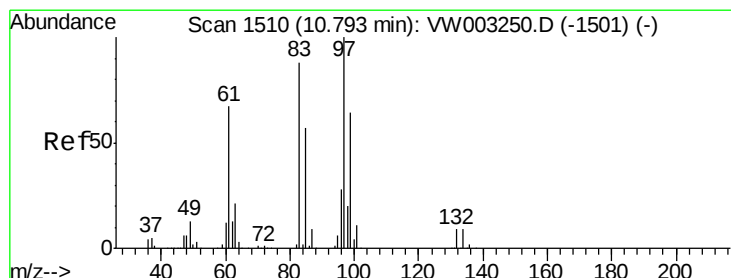
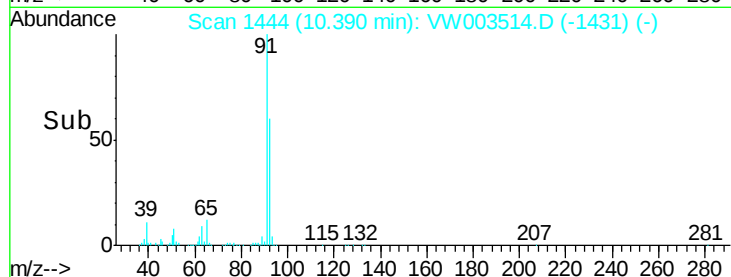
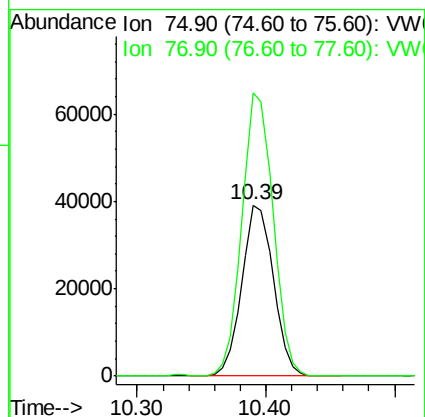
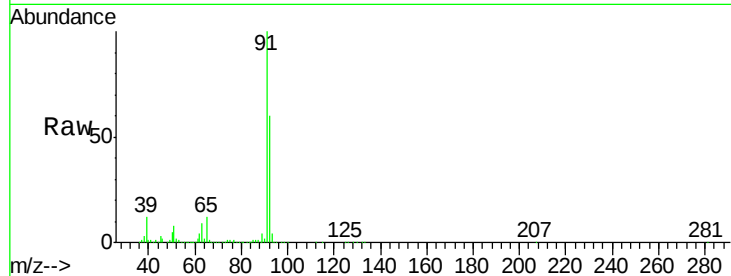
WP021SB483-35-37-180620

Tgt Ion: 75 Resp: 66276

Ion Ratio Lower Upper

75 100

77 165.3 24.9 37.3#



#55

1,1,2-Trichloroethane

Concen: 37.674 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

Tgt Ion: 97 Resp: 54182

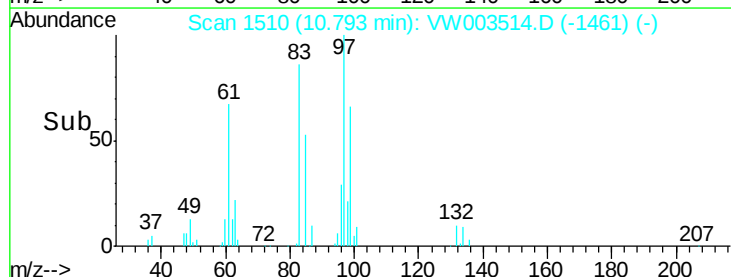
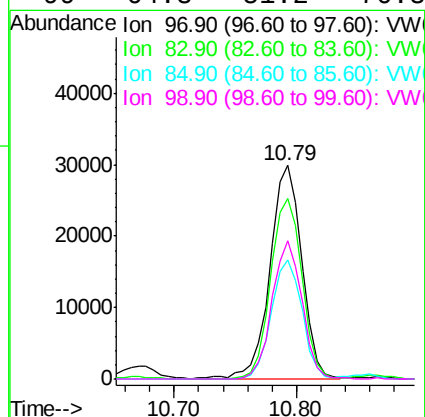
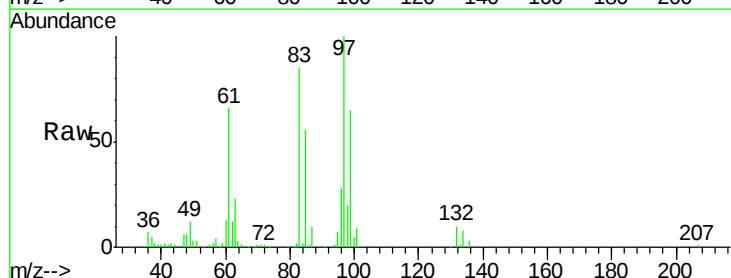
Ion Ratio Lower Upper

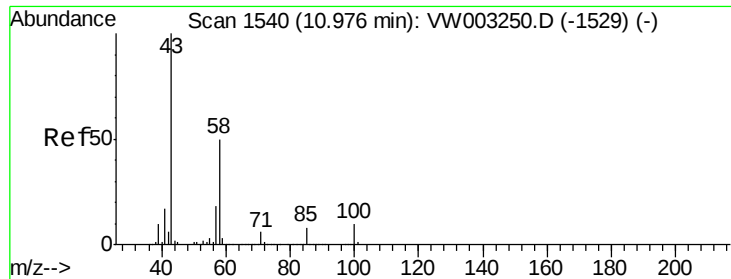
97 100

83 84.8 70.2 105.2

85 55.6 45.6 68.4

99 64.8 51.2 76.8

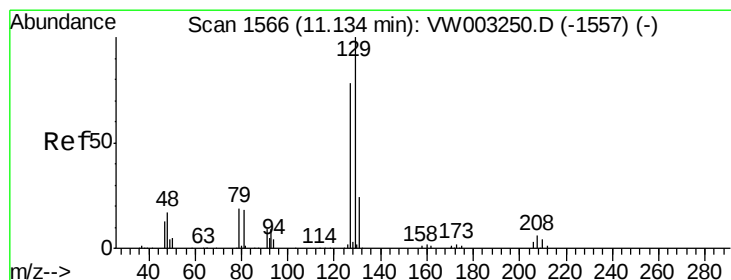
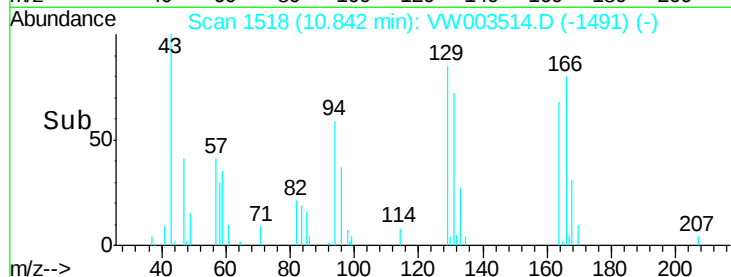
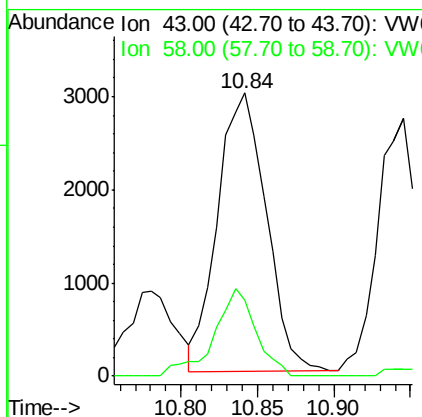
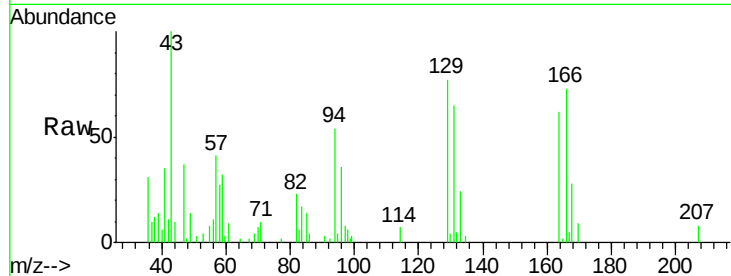




#59
 2-Hexanone
 Concen: 7.933 ug/l
 RT: 10.84 min Scan# 1518
 Delta R.T. -0.13 min
 Lab File: VW003514.D
 Acq: 24 Jun 2018 16:48

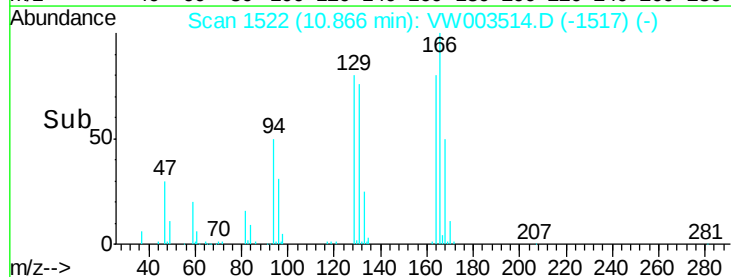
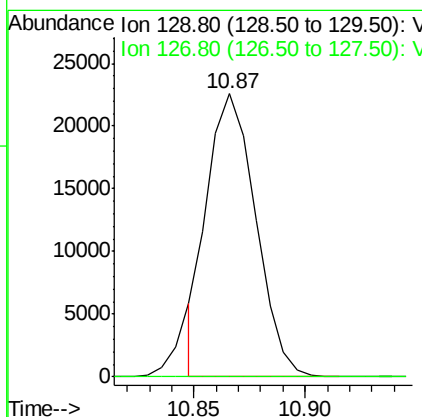
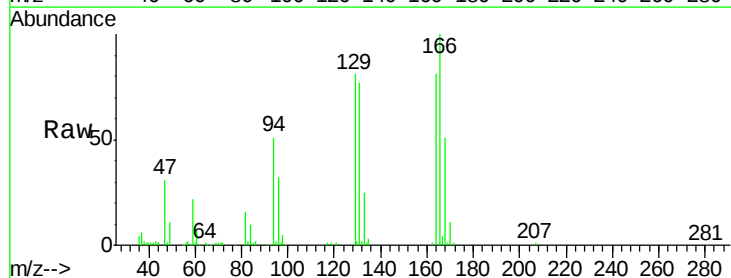
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-35-37-180620

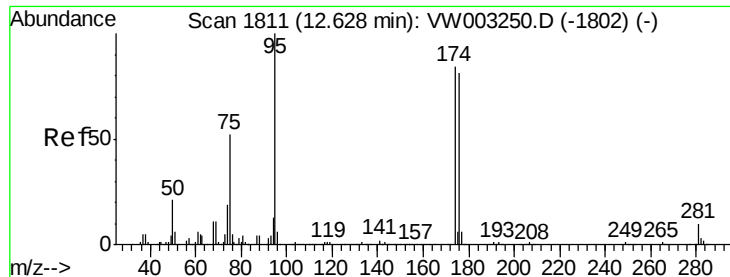
Tgt Ion: 43 Resp: 6598
 Ion Ratio Lower Upper
 43 100
 58 27.2 25.0 75.0



#60
 Dibromochloromethane
 Concen: 20.031 ug/l
 RT: 10.87 min Scan# 1522
 Delta R.T. -0.27 min
 Lab File: VW003514.D
 Acq: 24 Jun 2018 16:48

Tgt Ion: 129 Resp: 34260
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.1 117.5#





#62

4-Bromofluorobenzene

Concen: 52.451 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-35-37-180620

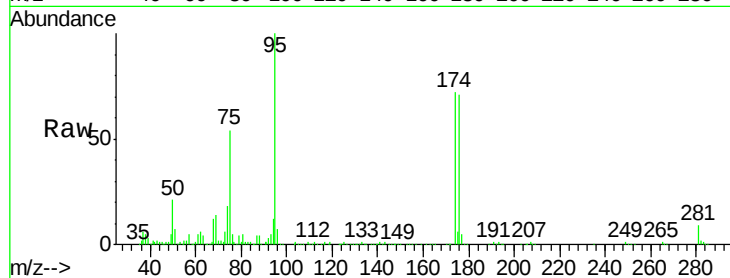
Tgt Ion: 95 Resp: 134511

Ion Ratio Lower Upper

95 100

174 79.6 0.0 166.4

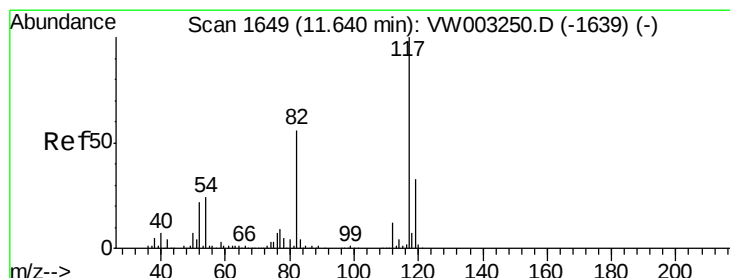
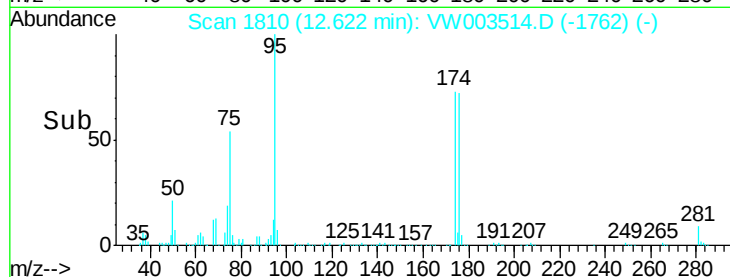
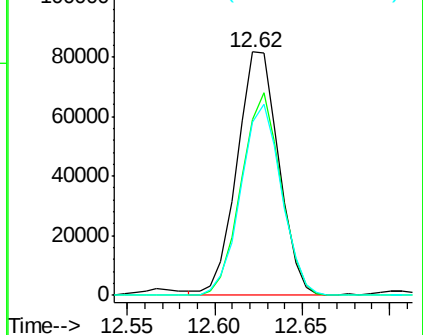
176 76.9 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

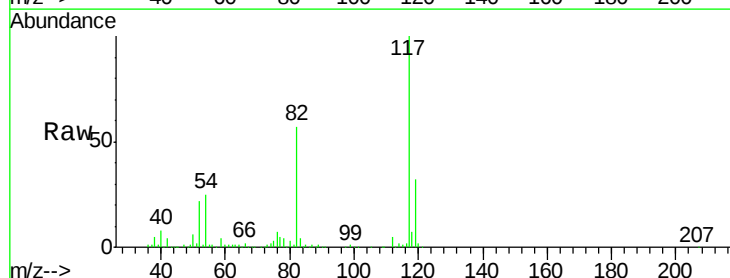
Tgt Ion: 117 Resp: 255097

Ion Ratio Lower Upper

117 100

82 57.0 44.6 67.0

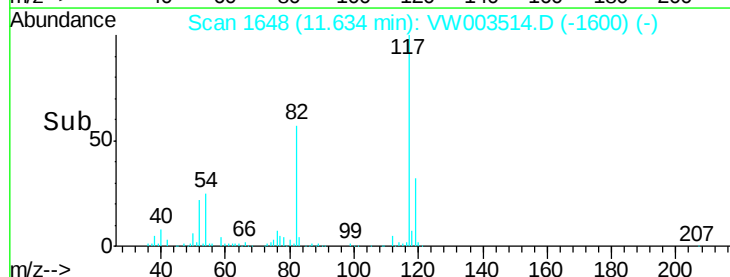
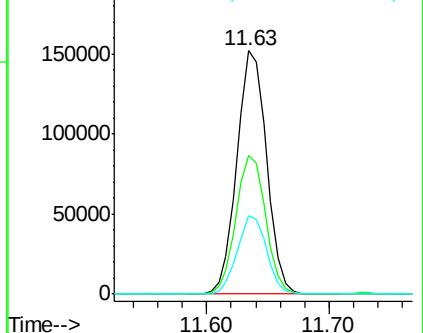
119 32.2 26.7 40.1

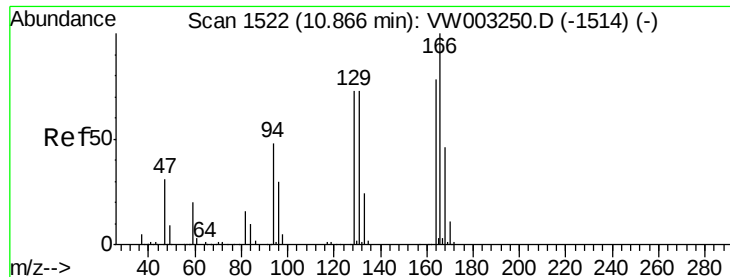


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

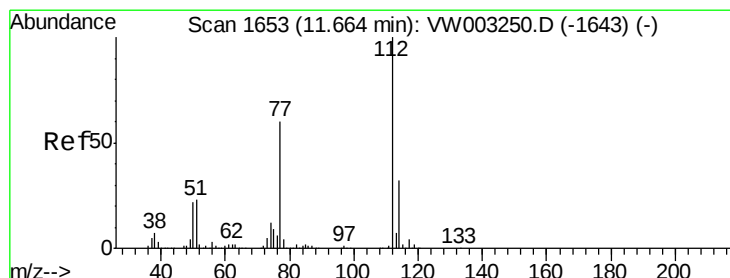
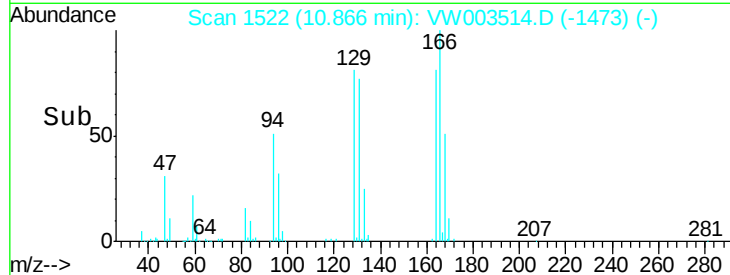
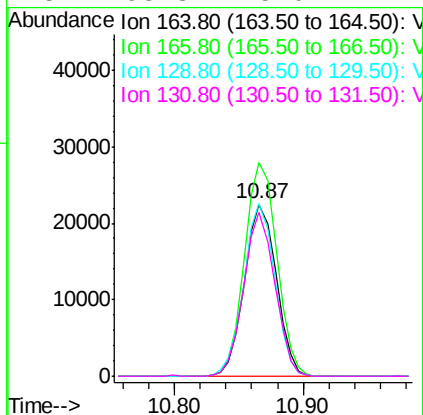
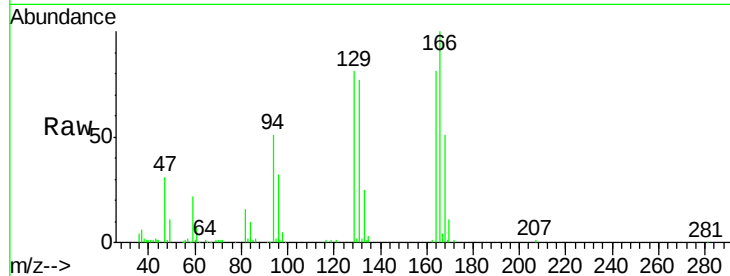




#64
Tetrachloroethene
Concen: 22.653 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003514.D
Acq: 24 Jun 2018 16:48

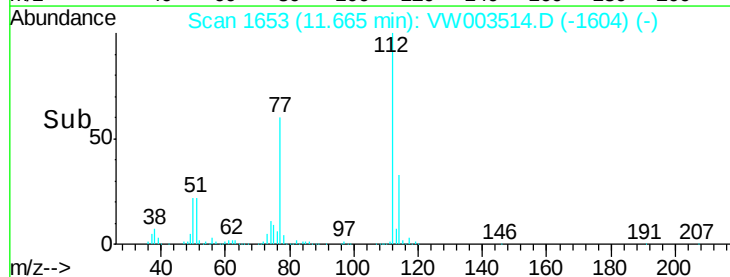
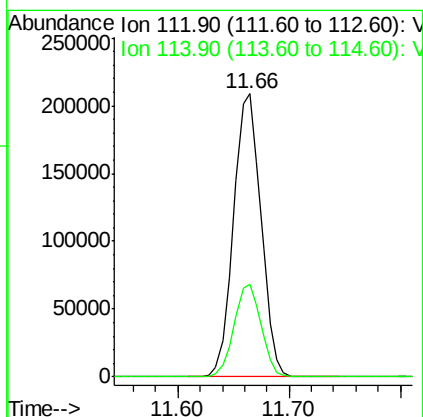
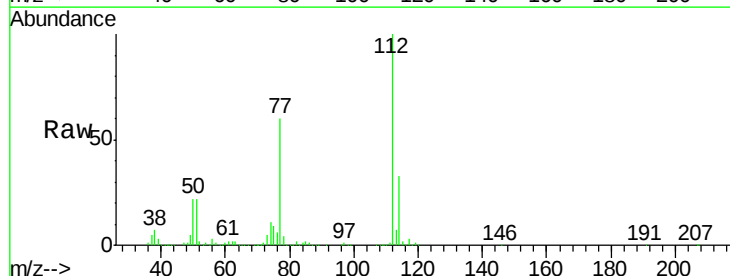
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-35-37-180620

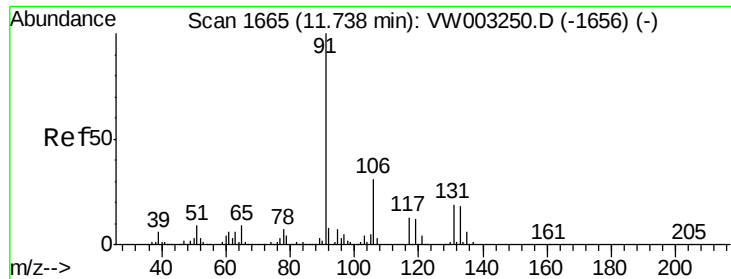
Tgt Ion:164 Resp: 38651
Ion Ratio Lower Upper
164 100
166 124.2 102.6 154.0
129 100.4 75.2 112.8
131 95.3 75.0 112.4



#65
Chlorobenzene
Concen: 66.954 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003514.D
Acq: 24 Jun 2018 16:48

Tgt Ion:112 Resp: 355674
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9

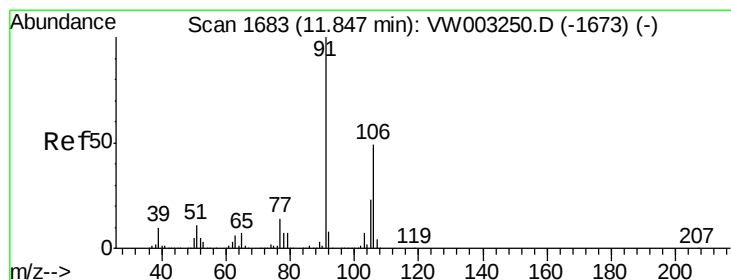
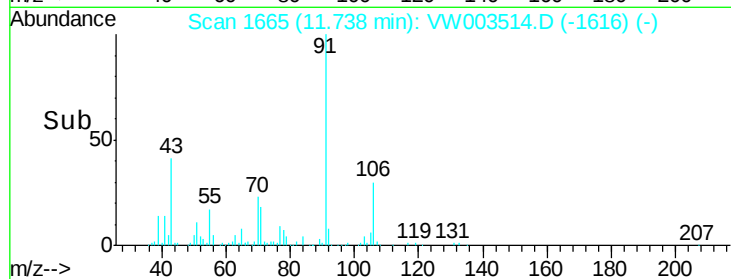
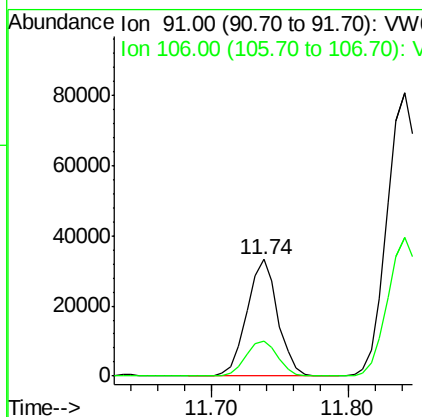
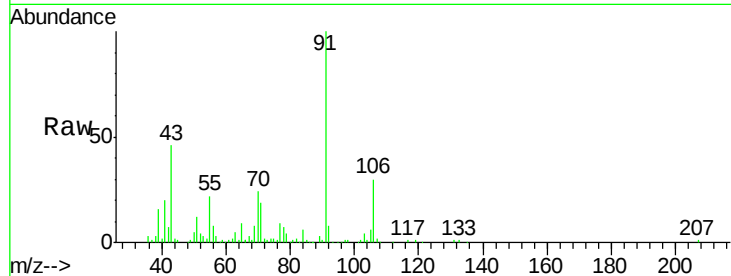




#67
Ethyl Benzene
Concen: 5.583 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003514.D
Acq: 24 Jun 2018 16:48

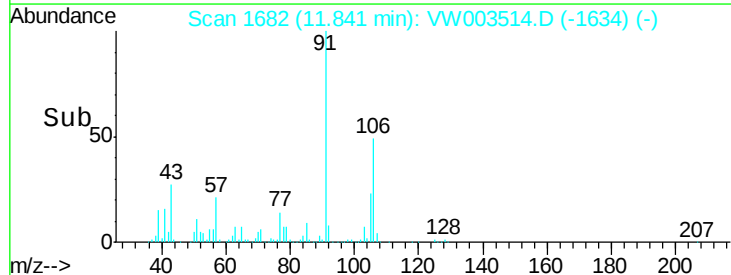
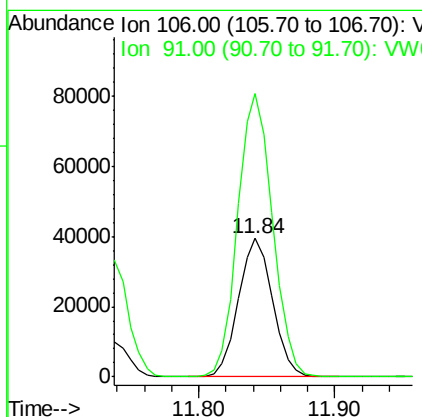
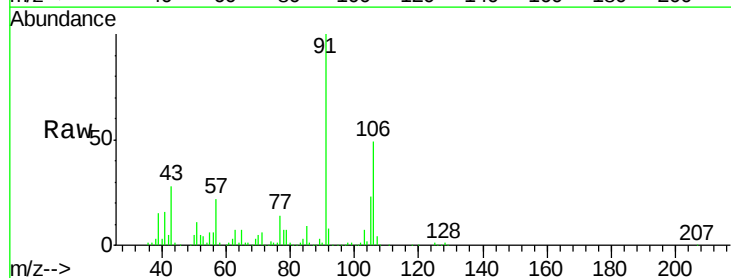
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-35-37-180620

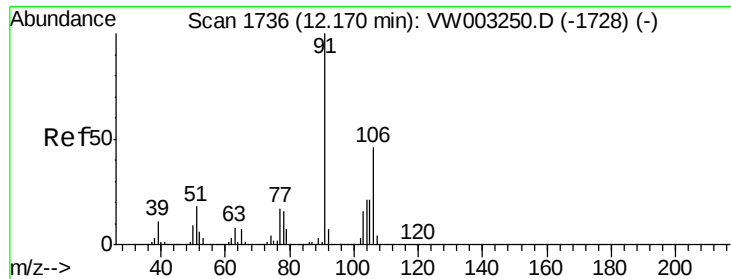
Tgt Ion: 91 Resp: 52570
Ion Ratio Lower Upper
91 100
106 30.2 24.7 37.1



#68
m/p-Xylenes
Concen: 19.278 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW003514.D
Acq: 24 Jun 2018 16:48

Tgt Ion: 106 Resp: 69005
Ion Ratio Lower Upper
106 100
91 208.8 165.4 248.0

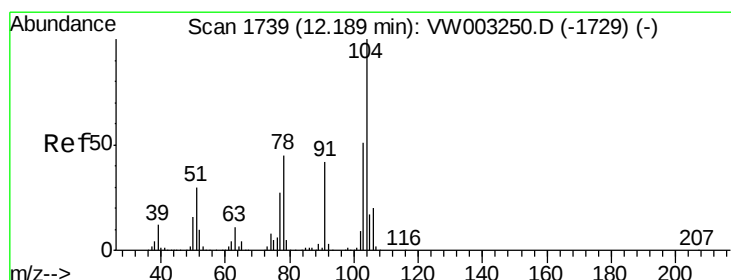
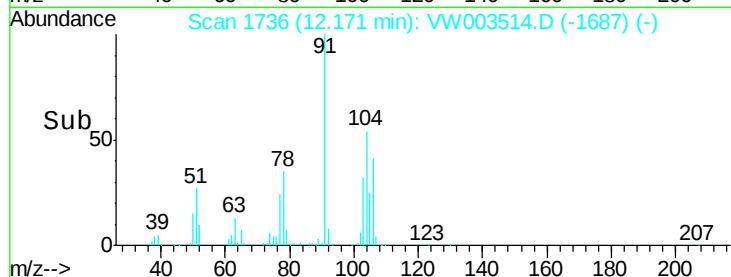
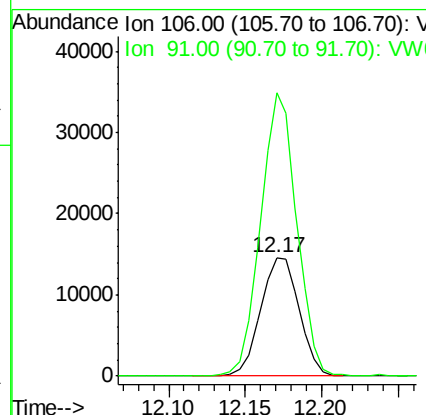
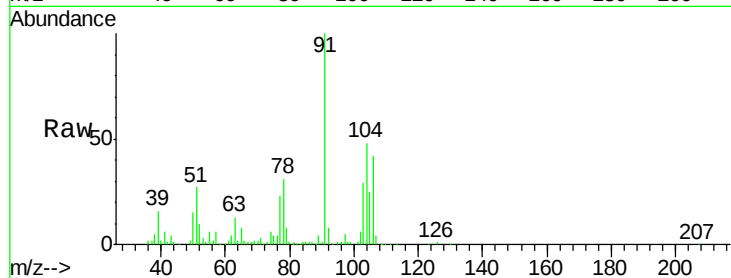




#69
o-Xylene
Concen: 7.707 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003514.D
Acq: 24 Jun 2018 16:48

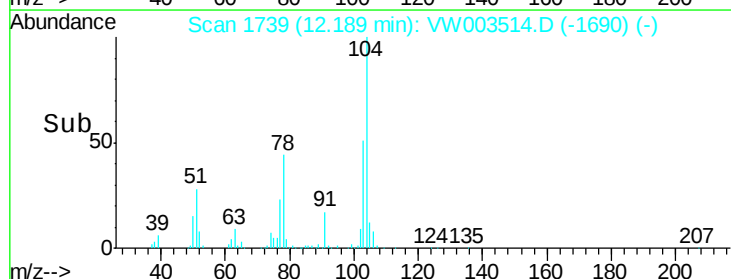
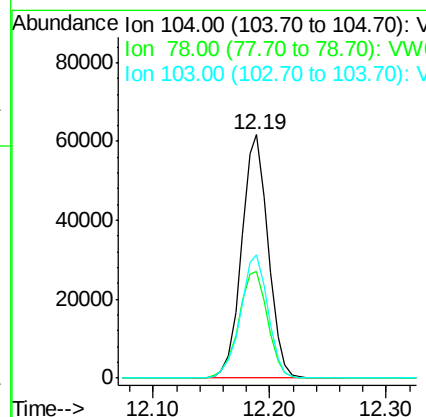
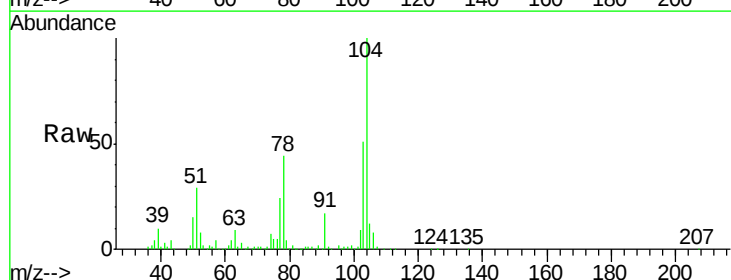
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-35-37-180620

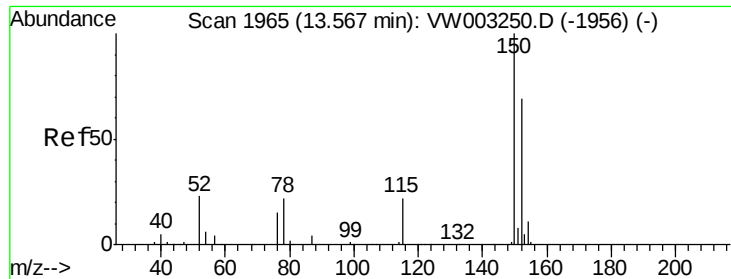
Tgt Ion:106 Resp: 25567
Ion Ratio Lower Upper
106 100
91 224.8 108.6 325.6



#70
Styrene
Concen: 17.752 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003514.D
Acq: 24 Jun 2018 16:48

Tgt Ion:104 Resp: 98025
Ion Ratio Lower Upper
104 100
78 47.9 41.3 61.9
103 52.4 45.0 67.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-35-37-180620

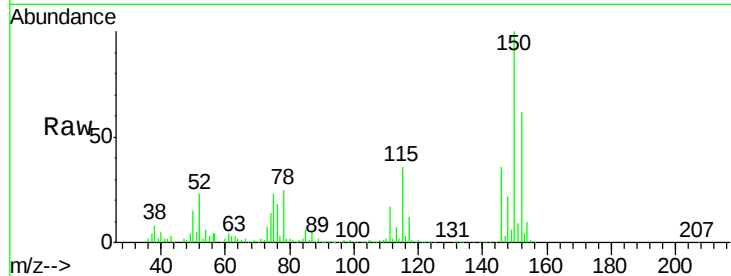
Tgt Ion:152 Resp: 124732

Ion Ratio Lower Upper

152 100

115 60.7 29.3 88.0

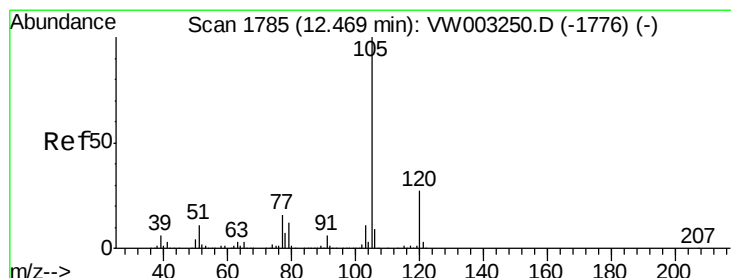
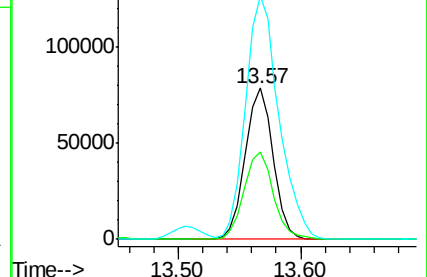
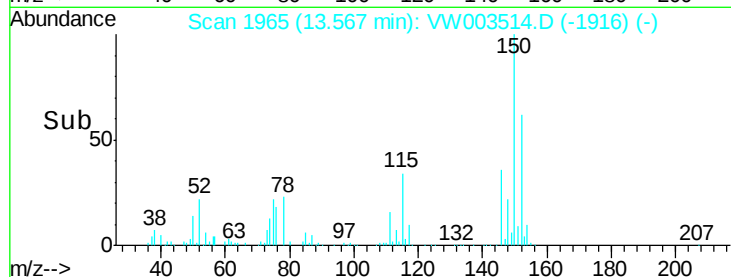
150 191.2 0.0 349.6



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: 1.048 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003514.D

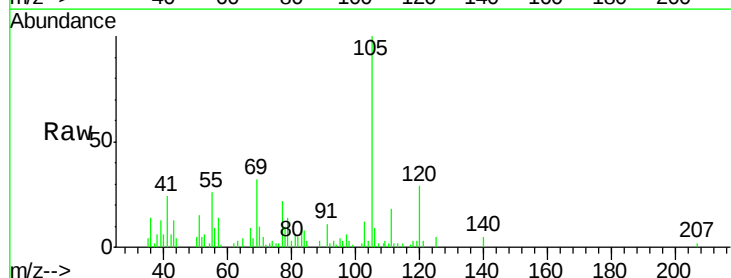
Acq: 24 Jun 2018 16:48

Tgt Ion:105 Resp: 9090

Ion Ratio Lower Upper

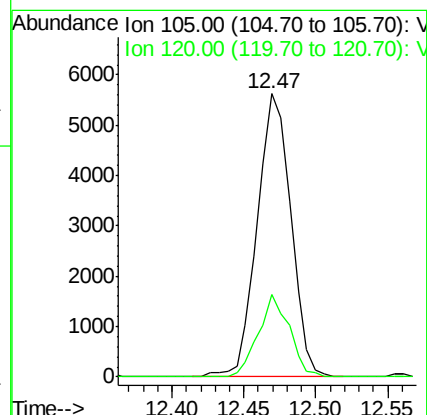
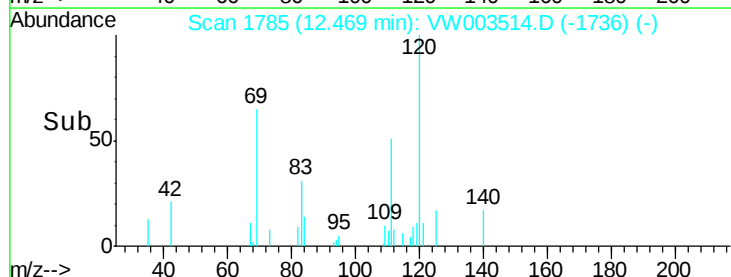
105 100

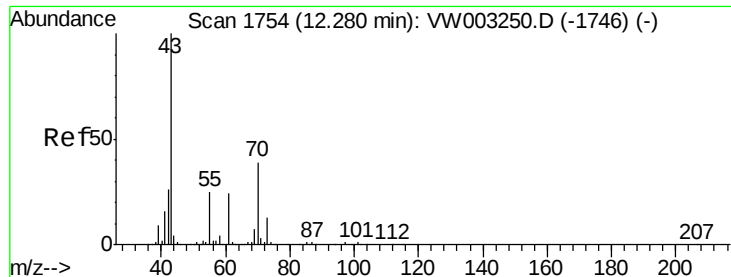
120 26.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 4.240 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-35-37-180620

Tgt Ion: 43 Resp: 8373

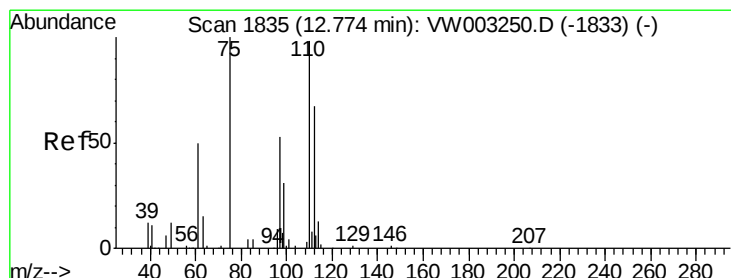
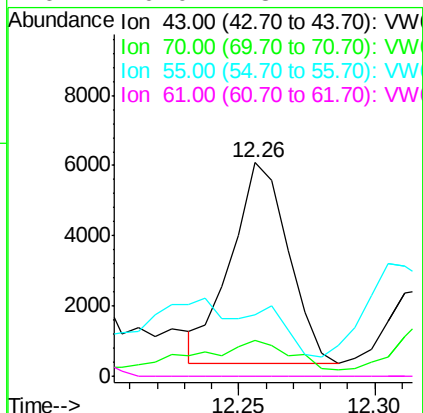
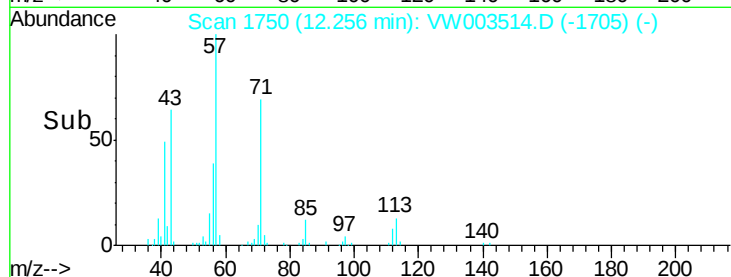
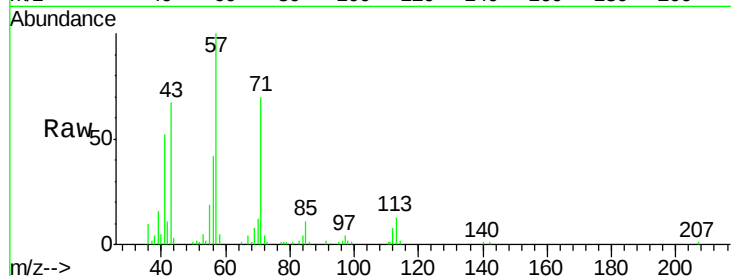
Ion Ratio Lower Upper

43 100

70 22.0 31.0 46.6#

55 20.6 19.7 29.5

61 0.0 18.1 27.1#



#76

1,2,3-Trichloropropane

Concen: 68.450 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003514.D

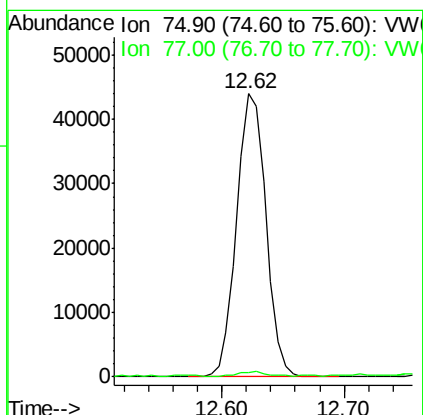
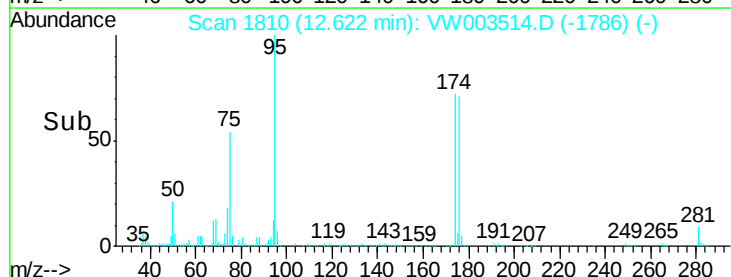
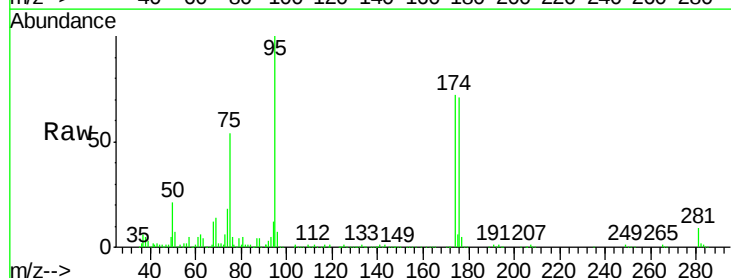
Acq: 24 Jun 2018 16:48

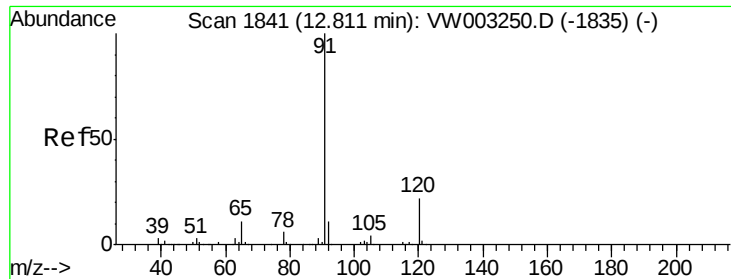
Tgt Ion: 75 Resp: 72989

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

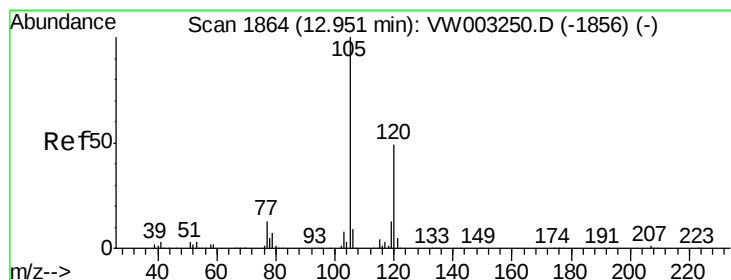
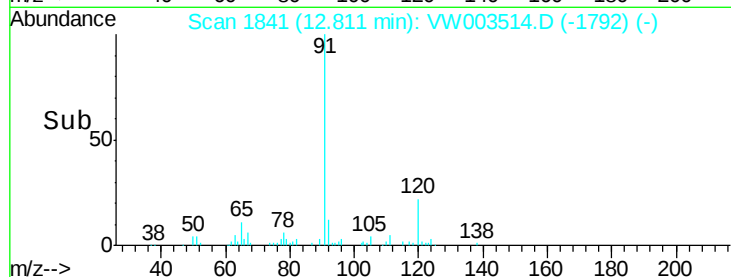
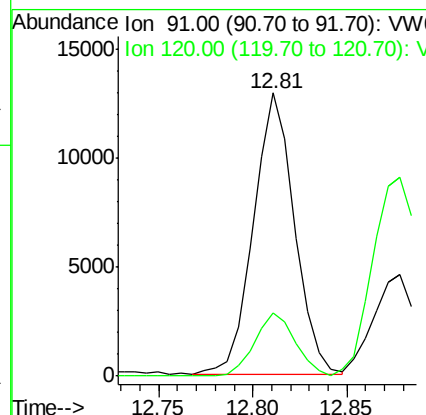
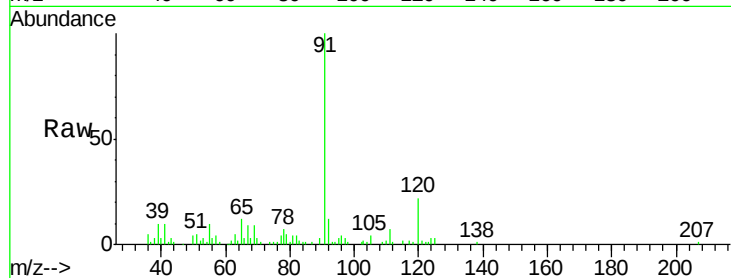




#78
n-propylbenzene
Concen: 1.831 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003514.D
Acq: 24 Jun 2018 16:48

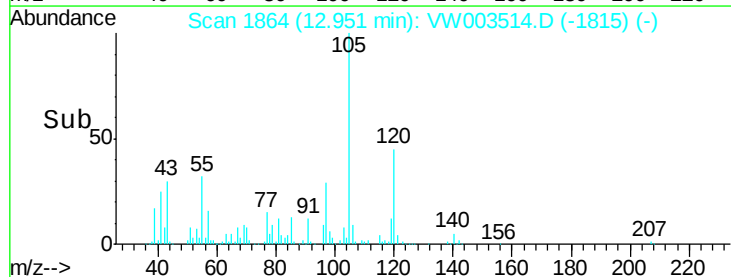
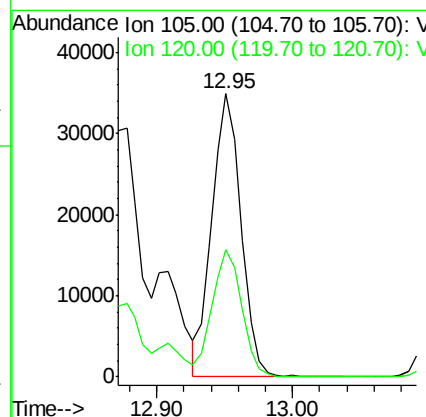
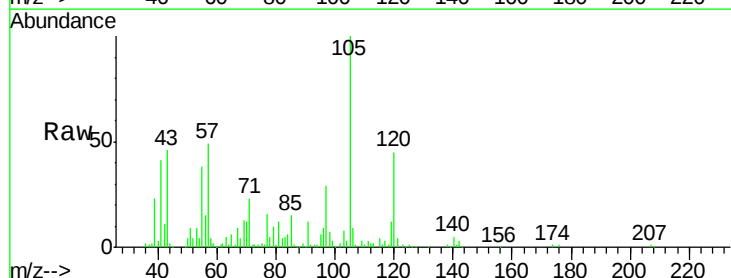
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-35-37-180620

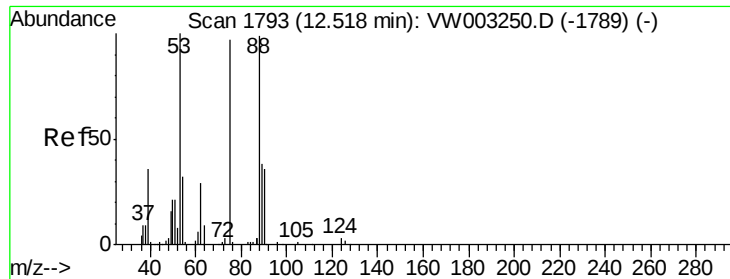
Tgt Ion: 91 Resp: 19447
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.8



#80
1,3,5-Trimethylbenzene
Concen: 7.117 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VW003514.D
Acq: 24 Jun 2018 16:48

Tgt Ion: 105 Resp: 51825
Ion Ratio Lower Upper
105 100
120 45.8 24.3 72.9

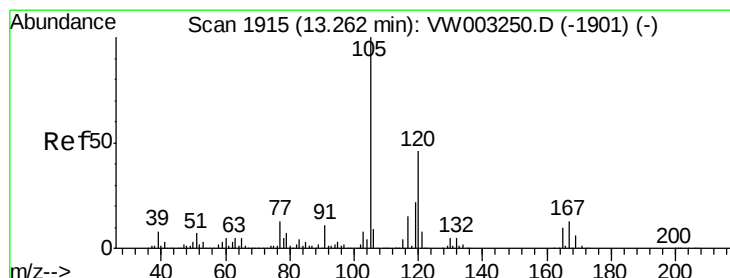
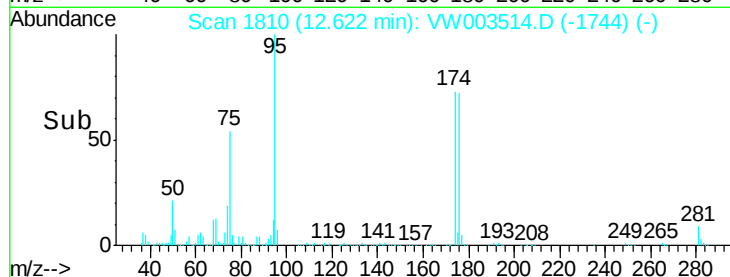
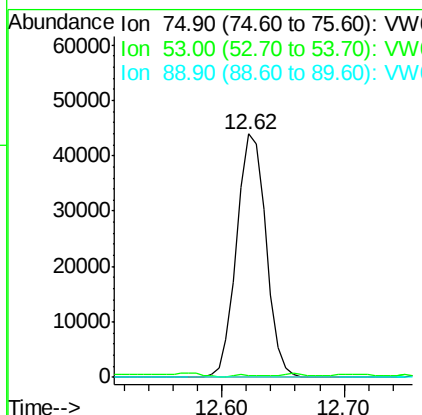
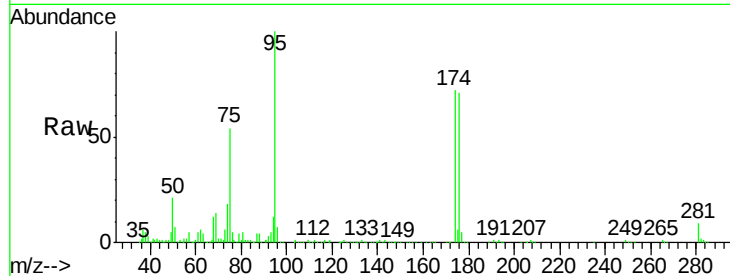




#81
trans-1,4-Dichloro-2-butene
Concen: 157.507 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW003514.D
Acq: 24 Jun 2018 16:48

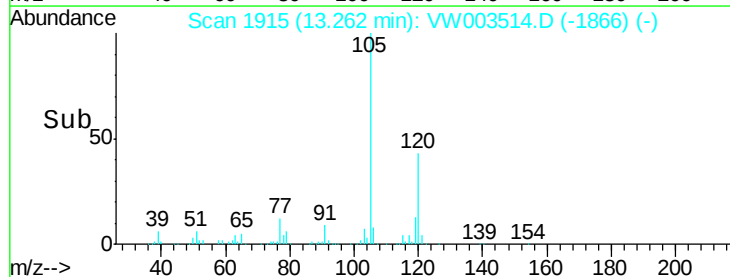
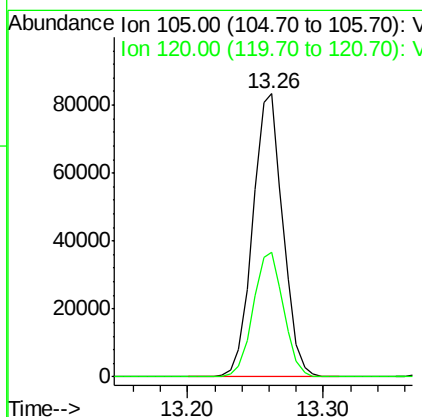
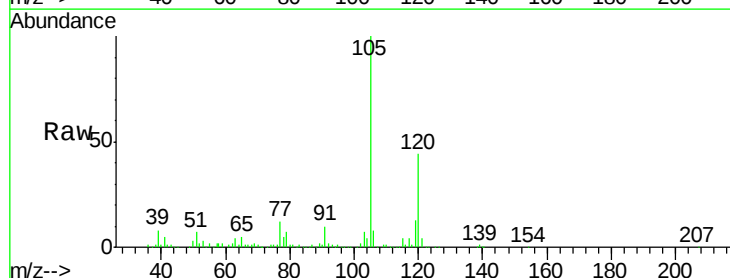
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-35-37-180620

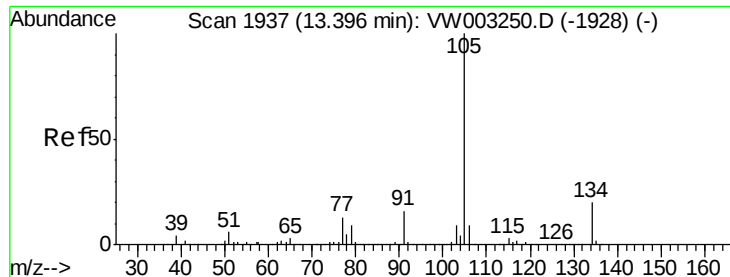
Tgt Ion: 75 Resp: 72989
Ion Ratio Lower Upper
75 100
53 0.6 82.9 124.3#
89 0.1 36.7 55.1#



#84
1,2,4-Trimethylbenzene
Concen: 17.287 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003514.D
Acq: 24 Jun 2018 16:48

Tgt Ion: 105 Resp: 129492
Ion Ratio Lower Upper
105 100
120 44.5 22.5 67.5

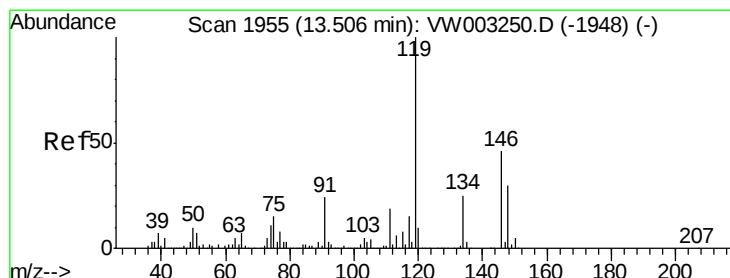
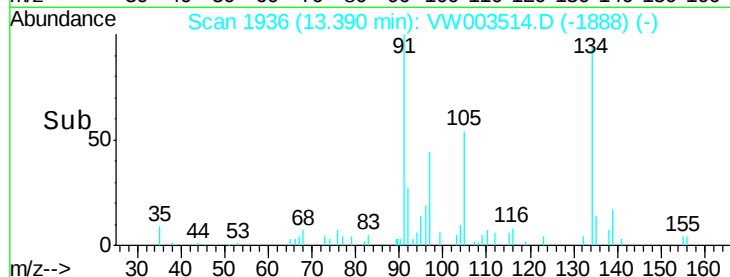
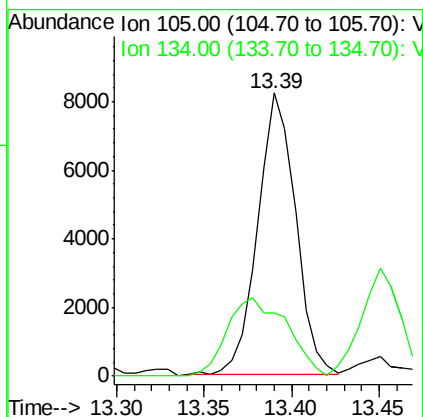
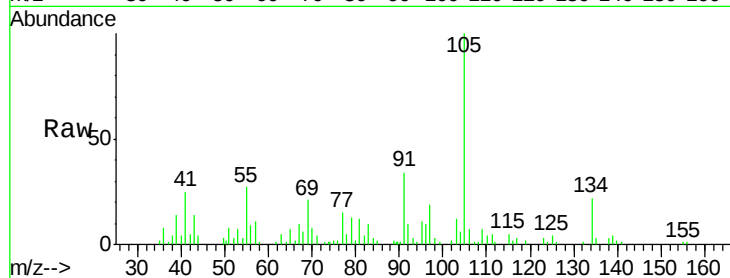




#85
 sec-Butylbenzene
 Concen: 1.335 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003514.D
 Acq: 24 Jun 2018 16:48

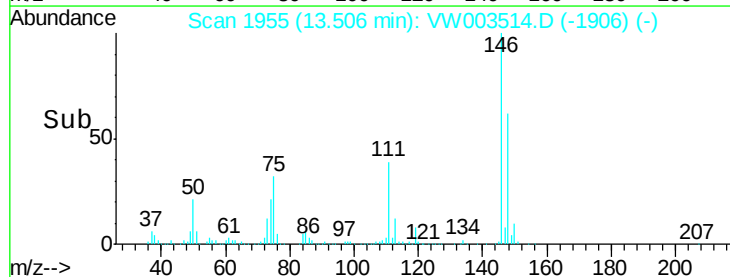
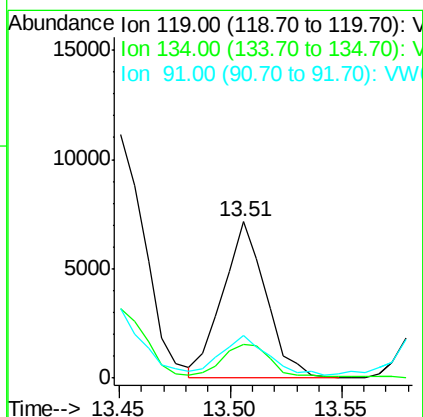
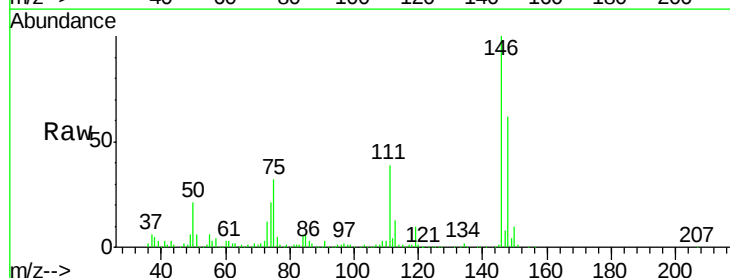
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-35-37-180620

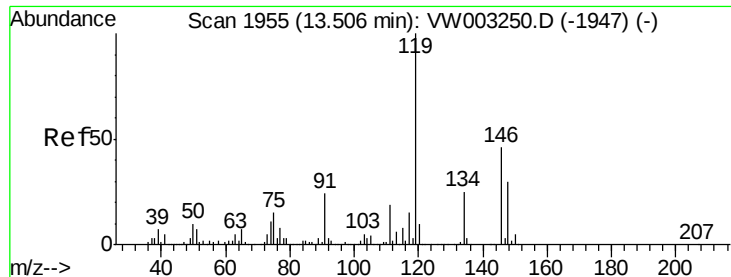
Tgt Ion:105 Resp: 12316
 Ion Ratio Lower Upper
 105 100
 134 43.8 9.8 29.5#



#86
 p-Isopropyltoluene
 Concen: 1.189 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003514.D
 Acq: 24 Jun 2018 16:48

Tgt Ion:119 Resp: 9670
 Ion Ratio Lower Upper
 119 100
 134 22.2 12.9 38.7
 91 27.4 11.8 35.3

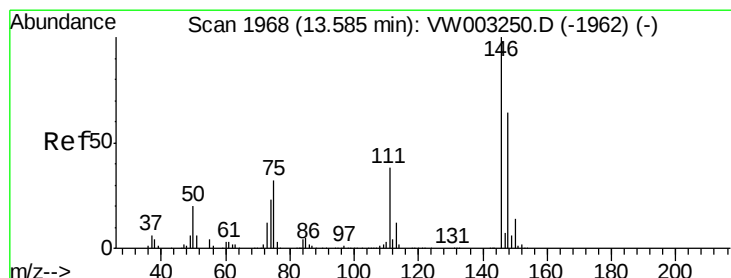
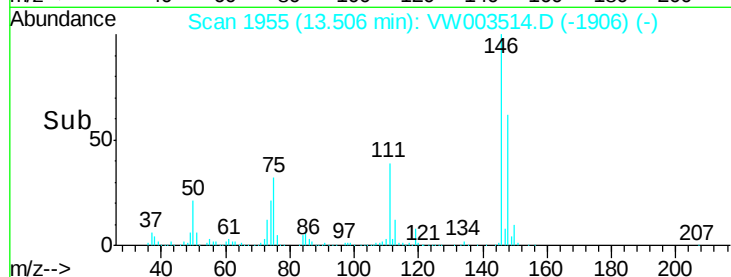
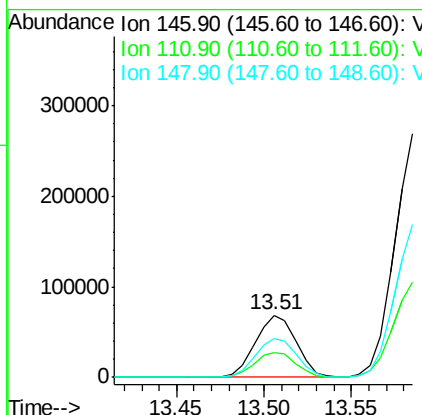
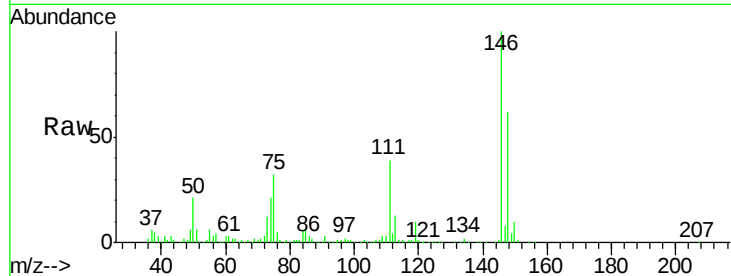




#87
 1,3-Dichlorobenzene
 Concen: 26.816 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003514.D
 Acq: 24 Jun 2018 16:48

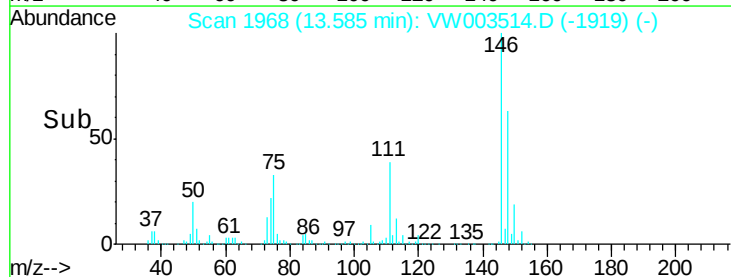
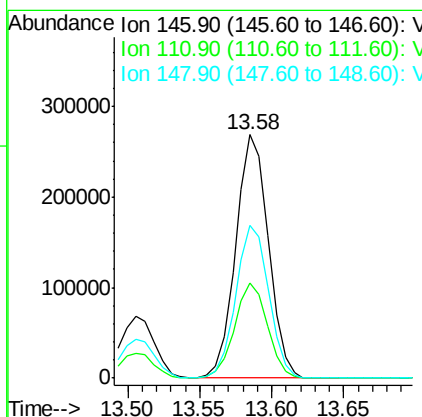
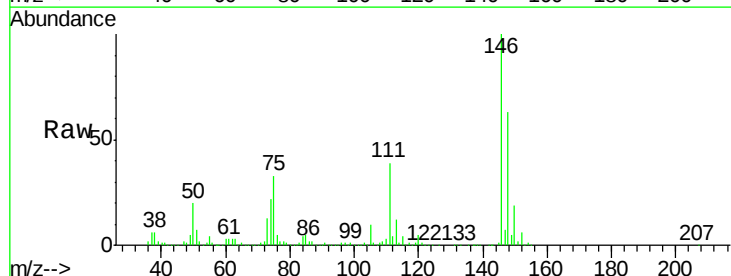
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-35-37-180620

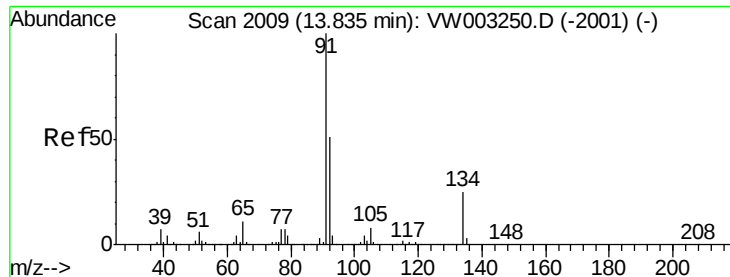
Tgt Ion:146 Resp: 111303
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.8 59.4
 148 63.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 102.664 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003514.D
 Acq: 24 Jun 2018 16:48

Tgt Ion:146 Resp: 423626
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.2 57.6
 148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 1.106 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-35-37-180620

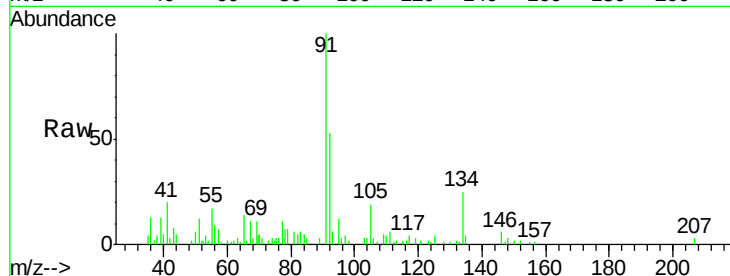
Tgt Ion: 91 Resp: 8774

Ion Ratio Lower Upper

91 100

92 58.4 26.0 78.0

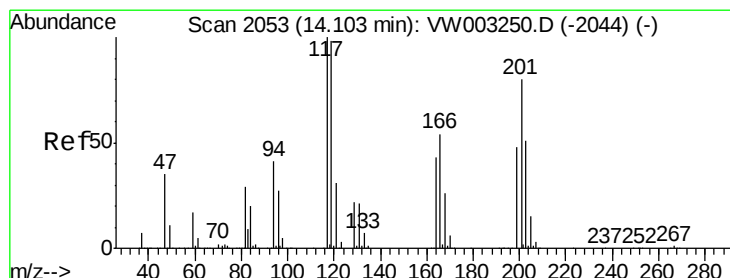
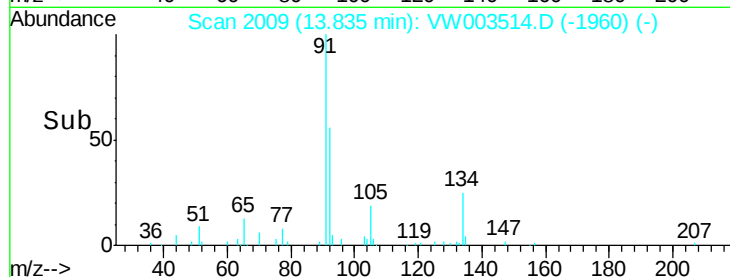
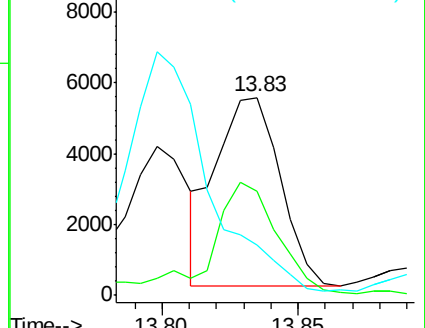
134 0.0 12.7 38.0#



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: 1.628 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003514.D

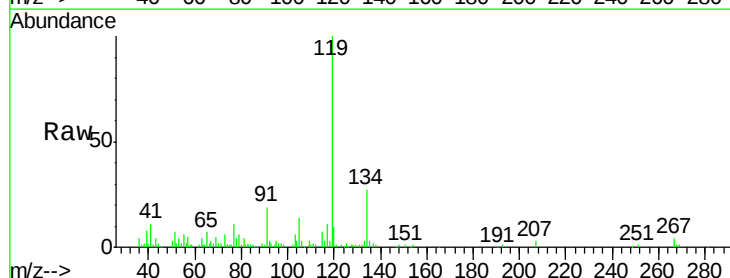
Acq: 24 Jun 2018 16:48

Tgt Ion: 117 Resp: 2396

Ion Ratio Lower Upper

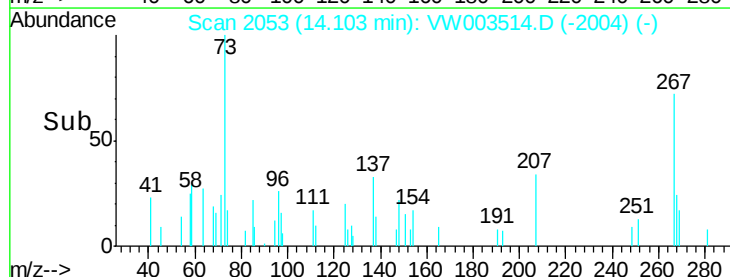
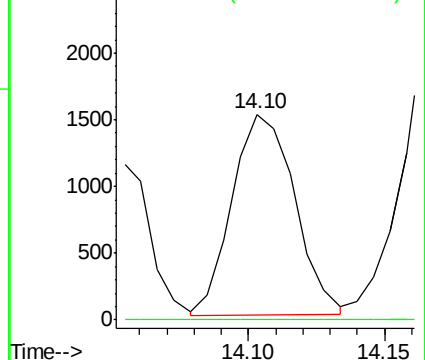
117 100

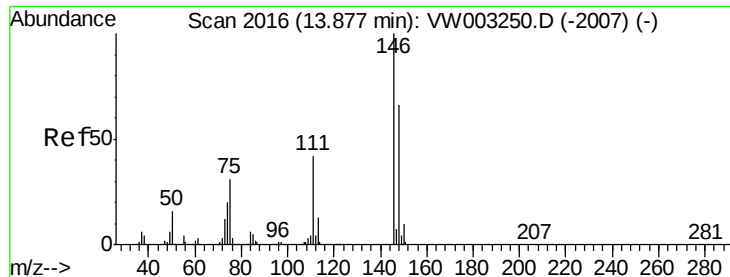
201 0.0 39.5 118.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

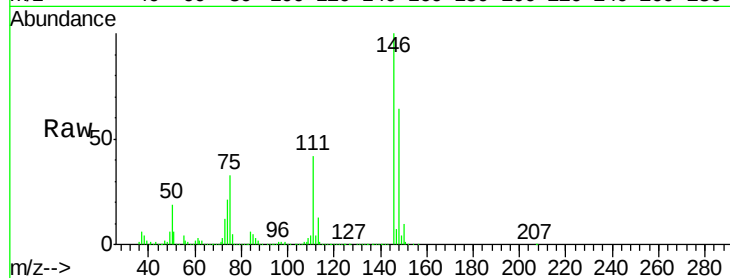




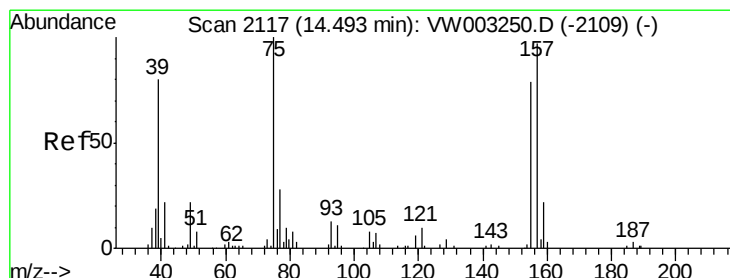
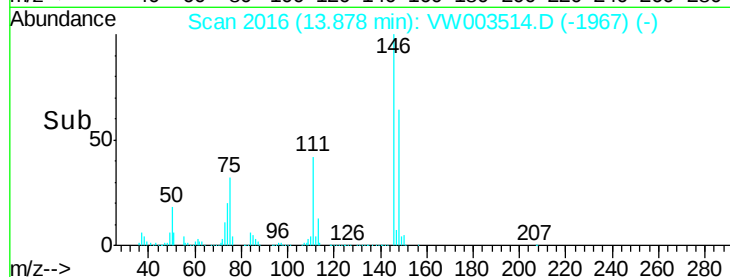
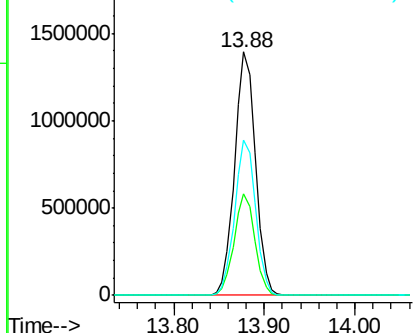
#91
 1,2-Dichlorobenzene
 Concen: 612.003 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003514.D
 Acq: 24 Jun 2018 16:48

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-35-37-180620

Tgt Ion:146 Resp: 2225129
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 61.0
 148 64.0 32.3 96.9

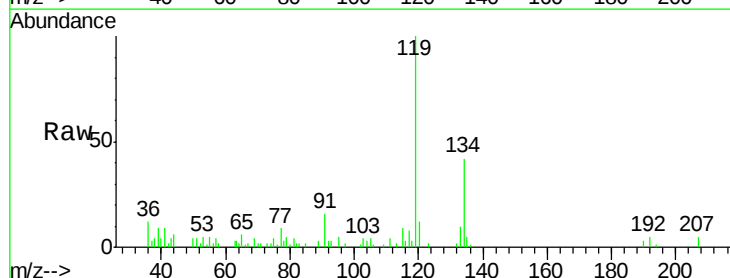


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

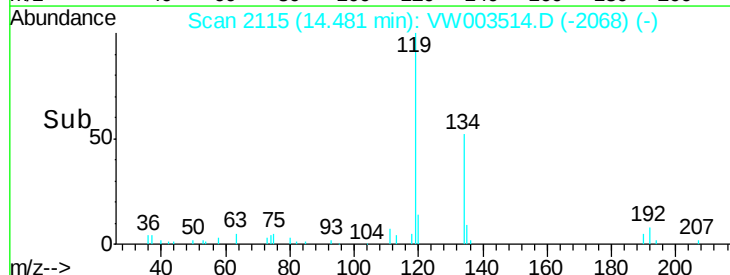
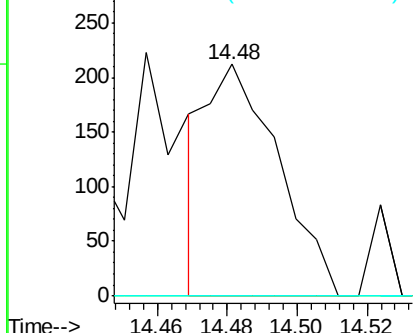


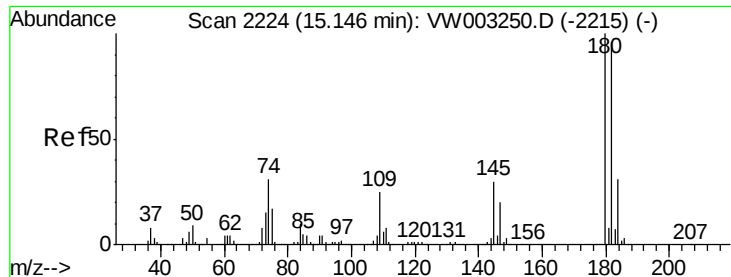
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.223 ug/l
 RT: 14.48 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: VW003514.D
 Acq: 24 Jun 2018 16:48

Tgt Ion: 75 Resp: 302
 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





#93

1,2,4-Trichlorobenzene

Concen: 2.708 ug/l

RT: 15.14 min Scan# 2223

Delta R.T. -0.01 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-35-37-180620

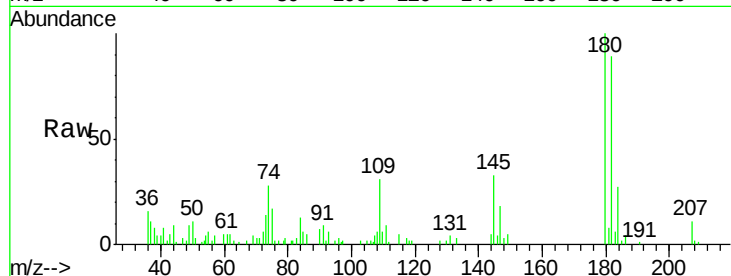
Tgt Ion:180 Resp: 6912

Ion Ratio Lower Upper

180 100

182 91.0 47.9 143.6

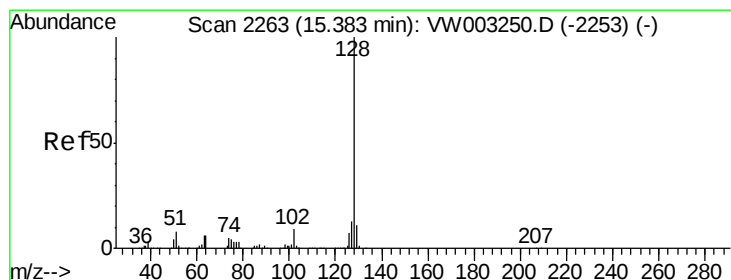
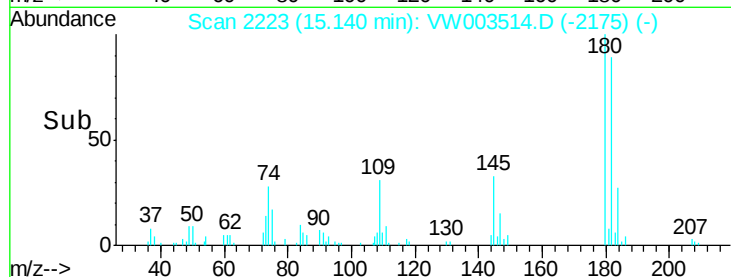
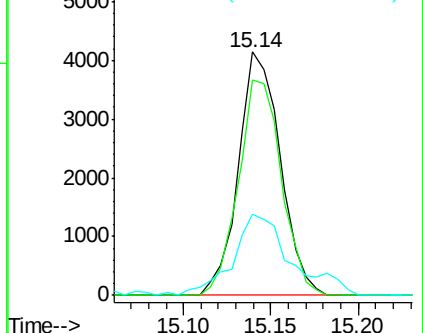
145 46.3 15.2 45.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 26.959 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003514.D

Acq: 24 Jun 2018 16:48

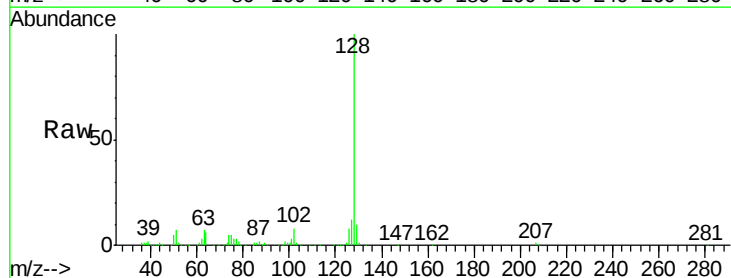
Tgt Ion:128 Resp: 116720

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

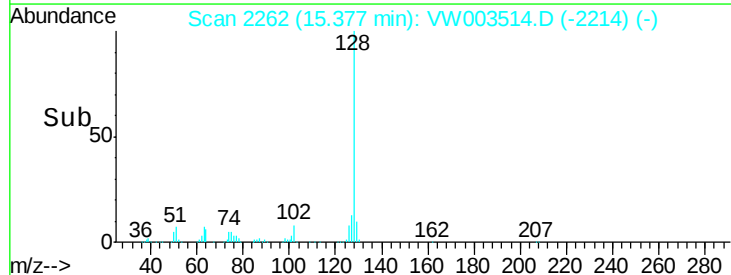
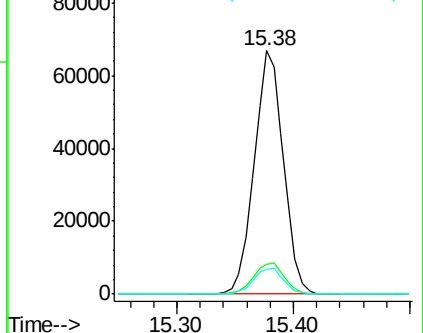
129 11.0 8.9 13.3

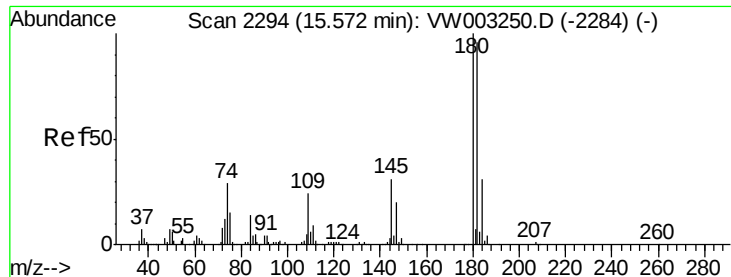


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.171 ug/l
 RT: 15.57 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: VW003514.D
 Acq: 24 Jun 2018 16:48

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-35-37-180620

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.0	47.9	143.6
145	41.4	15.8	47.4

