

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007593.D
 Acq On : 15 Dec 2018 20:02
 Operator : SY/AP
 Sample : J6378-07
 Misc : 2.70G/5ML/MSVOA_W/SOIL
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0612-01

Quant Time: Dec 15 21:56:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	26573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	45470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	28715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8064	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	23314	79.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	158.16%		
35) Dibromofluoromethane	7.88	113	18217	66.18	ug/l	0.00
Spiked Amount 50.000			Recovery =	132.36%		
50) Toluene-d8	10.32	98	48009	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.04%		
62) 4-Bromofluorobenzene	12.62	95	12050	31.76	ug/l	0.00
Spiked Amount 50.000			Recovery =	63.52%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.42	59	272	13.434	ug/l #	1
15) Acrylonitrile	5.43	53	23514	434.335	ug/l #	38
16) Acetone	4.12	43	4108	79.776	ug/l	99
20) Methylene Chloride	4.91	84	2803	6.549	ug/l #	25
24) 1,1-Dichloroethane	5.94	63	2645	5.299	ug/l #	82
25) 2-Butanone	7.18	43	2938	43.704	ug/l #	76
31) Cyclohexane	7.95	56	76529	167.102	ug/l	97
36) 1,1-Dichloropropene	7.95	75	2140	5.159	ug/l #	53
37) Ethyl Acetate	7.18	43	2938	19.044	ug/l #	66
38) Carbon Tetrachloride	7.95	117	2786	6.173	ug/l #	16
39) Methylcyclohexane	9.34	83	125164	249.196	ug/l	90
40) Benzene	8.32	78	11103	9.645	ug/l	98
43) Isopropyl Acetate	8.42	43	5041	16.542	ug/l #	50
45) 1,2-Dichloropropane	9.34	63	1377	5.169	ug/l #	1
48) Methyl methacrylate	9.52	41	2565	16.389	ug/l #	62
51) 4-Methyl-2-Pentanone	10.32	43	1194	8.292	ug/l	92
52) Toluene	10.39	92	1816	2.438	ug/l	99
55) 1,1,2-Trichloroethane	10.76	97	5159	25.058	ug/l #	22
56) Ethyl methacrylate	10.66	69	1877	7.585	ug/l #	22
59) 2-Hexanone	10.94	43	2599	27.069	ug/l #	24
65) Chlorobenzene	11.66	112	200881	335.634	ug/l	94
67) Ethyl Benzene	11.83	91	3233916	3142.750	ug/l #	63
68) m/p-Xylenes	11.83	106	1525175	3812.617	ug/l	96
69) o-Xylene	12.17	106	909	2.433	ug/l	83
70) Styrene	12.18	104	864	1.432	ug/l #	85
73) Isopropylbenzene	12.47	105	21734	35.174	ug/l	100
74) N-amyl acetate	12.25	43	1913	17.035	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.74	83	118	1.289	ug/l #	29
76) 1,2,3-Trichloropropane	12.87	75	885	13.310	ug/l #	1
78) n-propylbenzene	12.80	91	35899	51.625	ug/l	100
79) 2-Chlorotoluene	12.87	91	12335	29.316	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.94	105	64277	123.804	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.47	75	293	9.734	ug/l #	63
82) 4-Chlorotoluene	12.94	91	7342	16.554	ug/l #	43

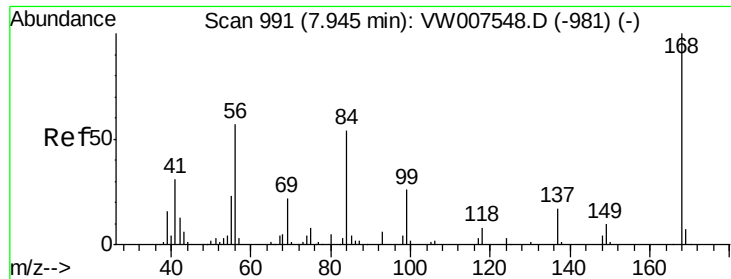
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.26	119	27619	60.373	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.26	105	211882	396.584	ug/l	99
85) sec-Butylbenzene	13.26	105	211882	339.278	ug/l #	54
86) p-Isopropyltoluene	13.50	119	9122	16.259	ug/l	96
87) 1,3-Dichlorobenzene	13.50	146	38142	139.675	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	332397	1210.776	ug/l	97
89) n-Butylbenzene	13.83	91	5228	10.052	ug/l #	71
90) Hexachloroethane	14.10	117	3003	30.082	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.47	75	211	11.489	ug/l #	3
95) Naphthalene	15.37	128	16770	52.080	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

Instrument :

MSVOA_W

ClientSampleId :

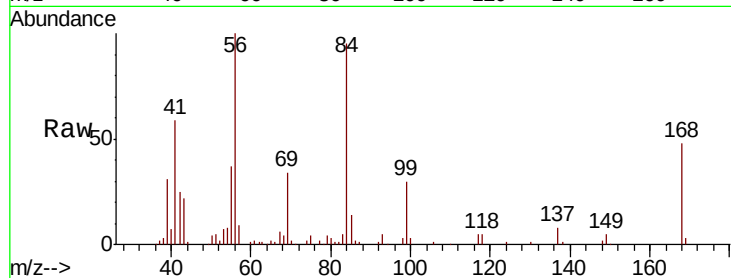
P001-SD010-0612-01

Tgt Ion: 168 Resp: 26573

Ion Ratio Lower Upper

168 100

99 61.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

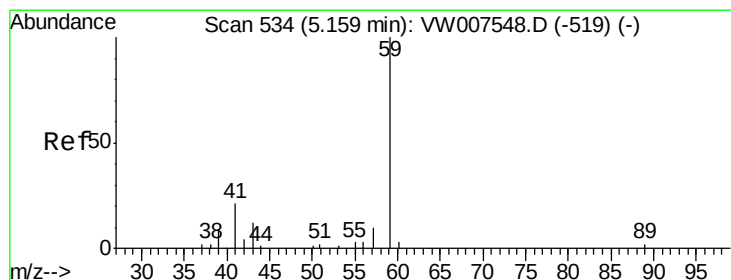
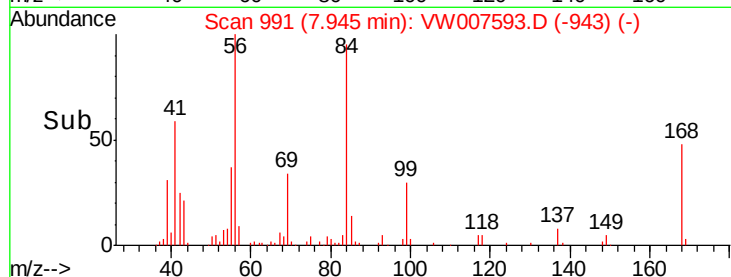
7.95

10000

5000

0

Time-->



#11

Tert butyl alcohol

Concen: 13.434 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.26 min

Lab File: VW007593.D

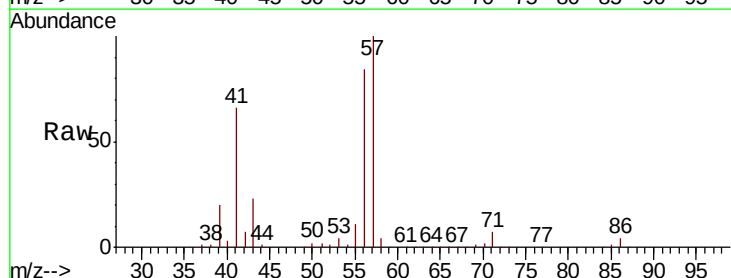
Acq: 15 Dec 2018 20:02

Tgt Ion: 59 Resp: 272

Ion Ratio Lower Upper

59 100

57 138951.5 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

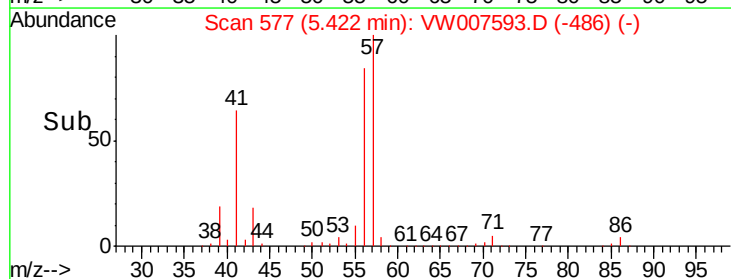
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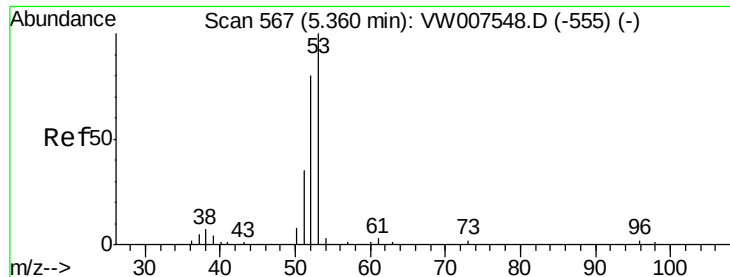
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 434.335 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.07 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0612-01

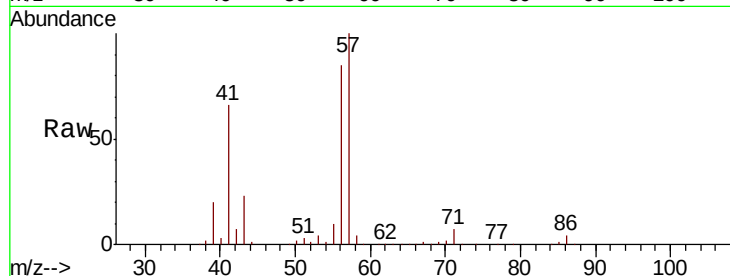
Tgt Ion: 53 Resp: 23514

Ion Ratio Lower Upper

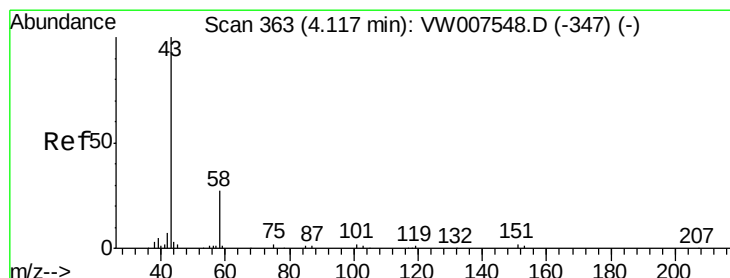
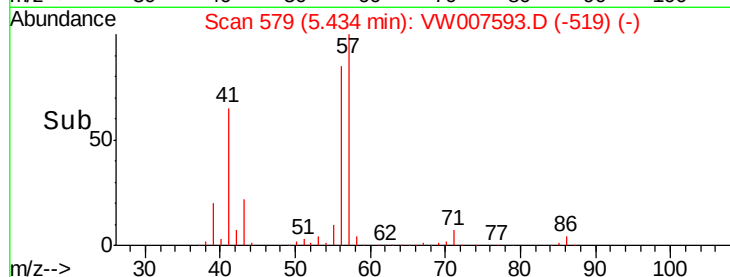
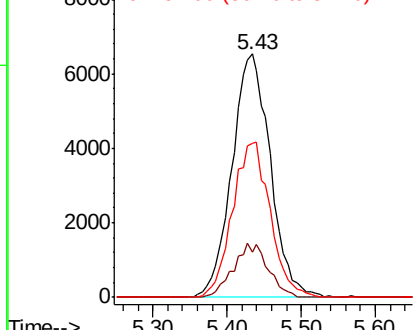
53 100

52 20.0 67.4 101.2#

51 62.8 30.2 45.2#



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 79.776 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007593.D

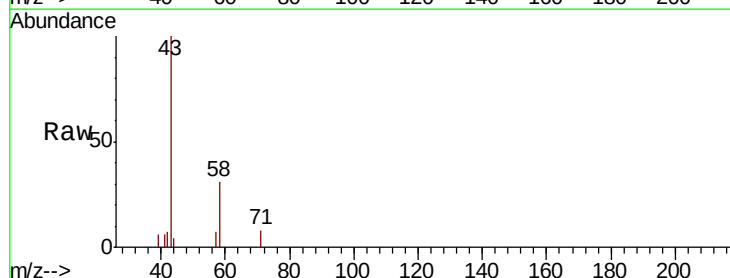
Acq: 15 Dec 2018 20:02

Tgt Ion: 43 Resp: 4108

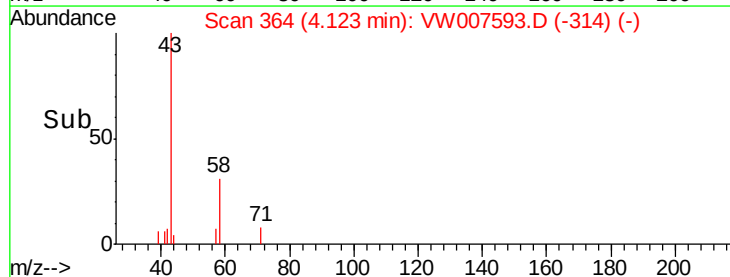
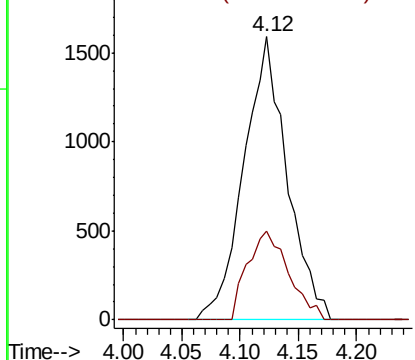
Ion Ratio Lower Upper

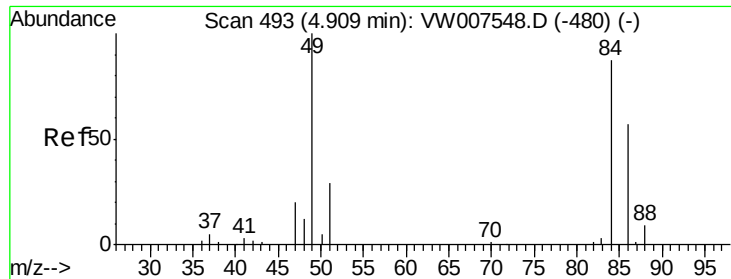
43 100

58 31.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 6.549 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 84 Resp: 2803

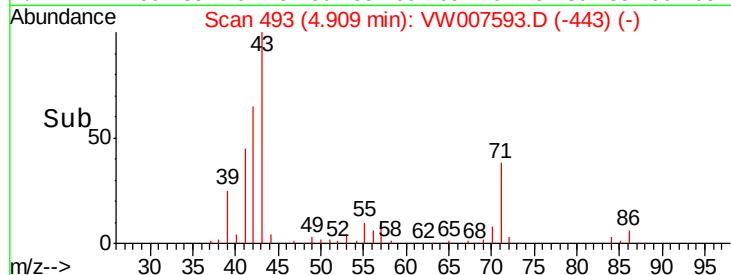
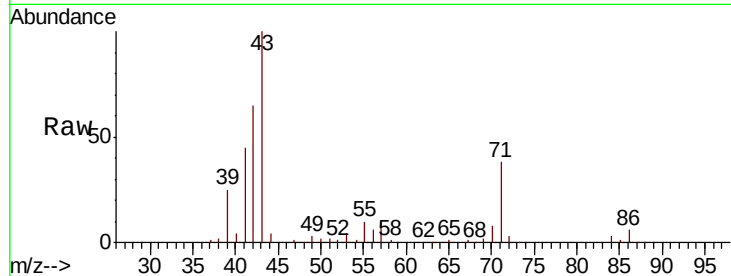
Ion Ratio Lower Upper

84 100

49 97.9 87.1 130.7

51 76.6 28.2 42.2#

86 210.5 50.8 76.2#

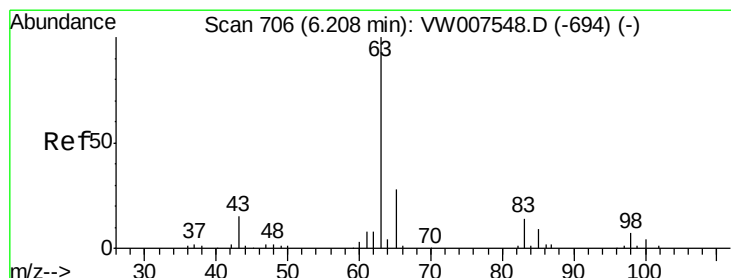
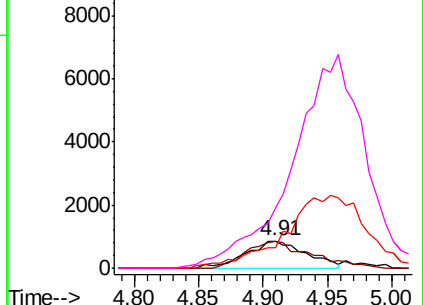


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#24

1,1-Dichloroethane

Concen: 5.299 ug/l

RT: 5.94 min Scan# 662

Delta R.T. -0.27 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

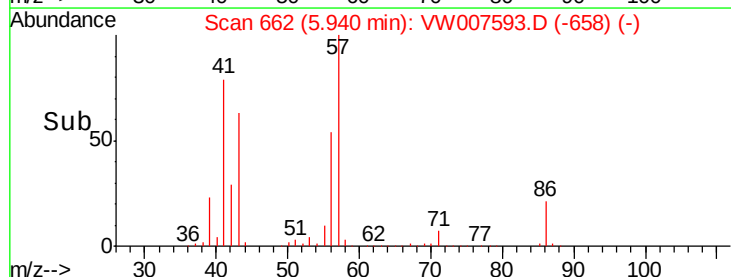
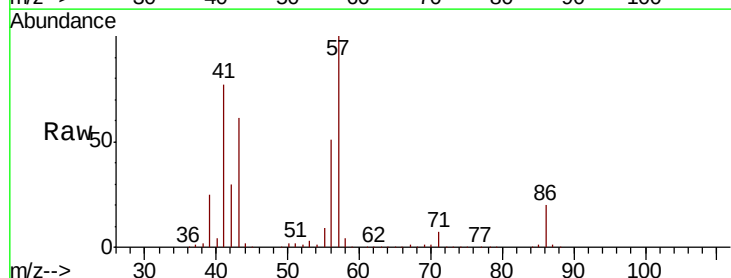
Tgt Ion: 63 Resp: 2645

Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.4#

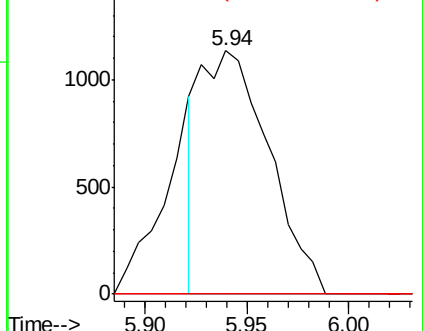
100 0.0 2.5 7.5#

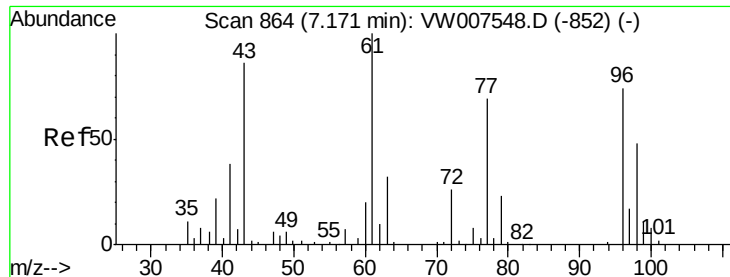


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

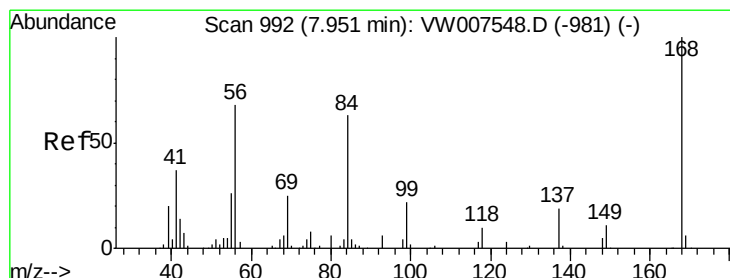
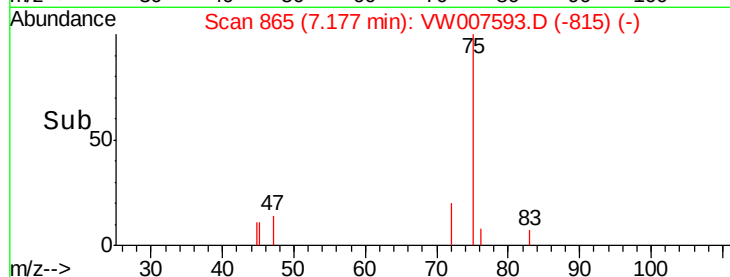
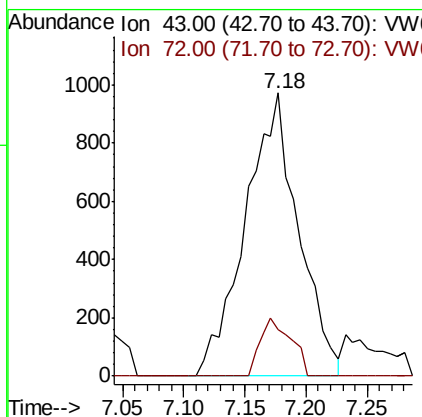
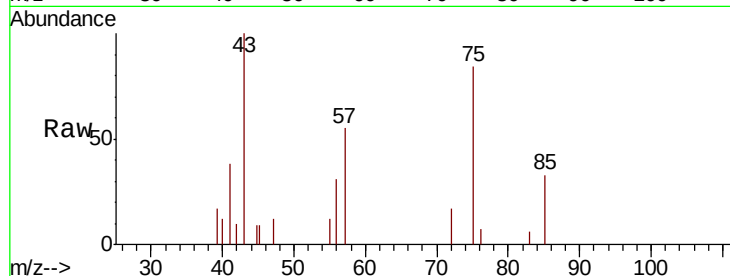




#25
2-Butanone
Concen: 43.704 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

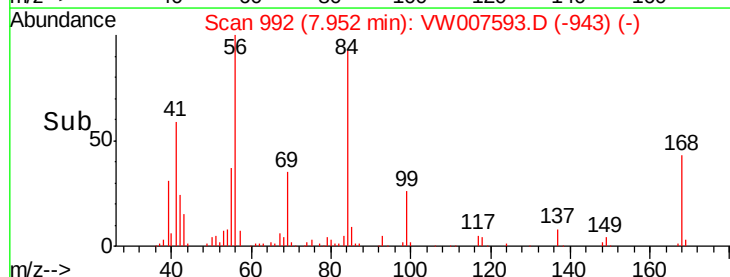
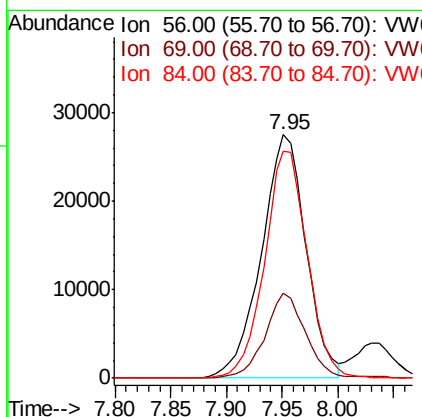
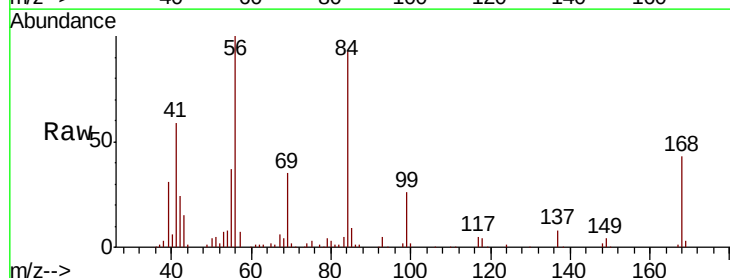
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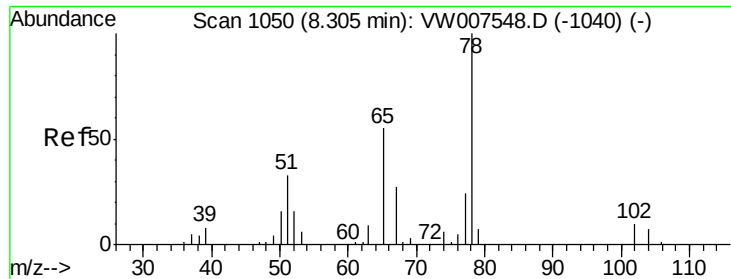
Tgt Ion: 43 Resp: 2938
Ion Ratio Lower Upper
43 100
72 16.7 23.4 35.2#



#31
Cyclohexane
Concen: 167.102 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Tgt Ion: 56 Resp: 76529
Ion Ratio Lower Upper
56 100
69 34.8 28.9 43.3
84 93.5 71.8 107.6

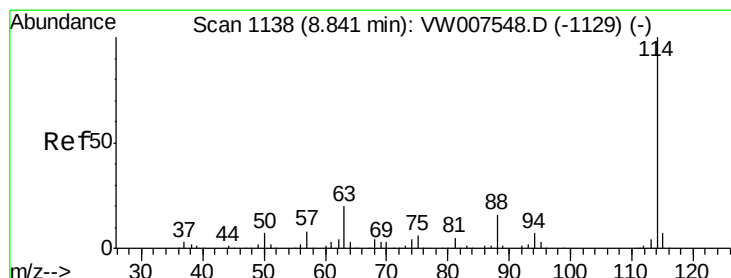
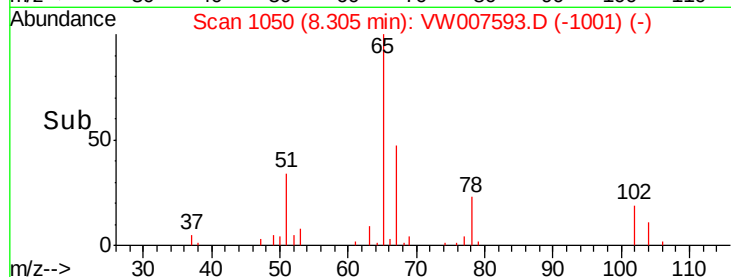
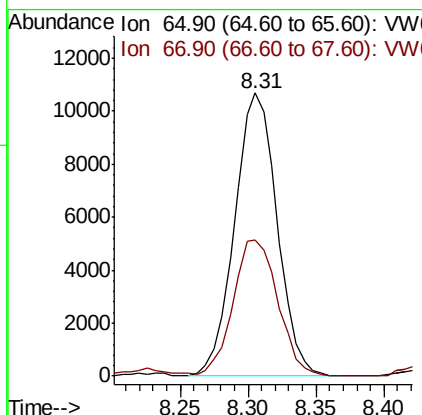
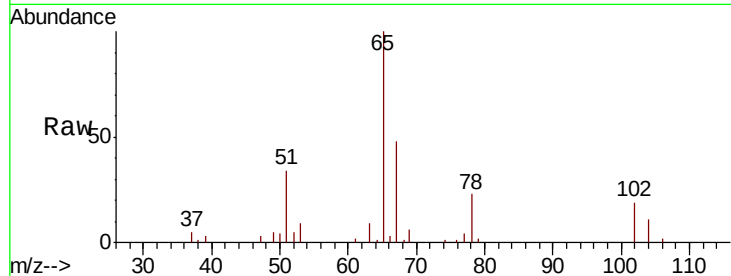




#33
 1,2-Dichloroethane-d4
 Concen: 79.082 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

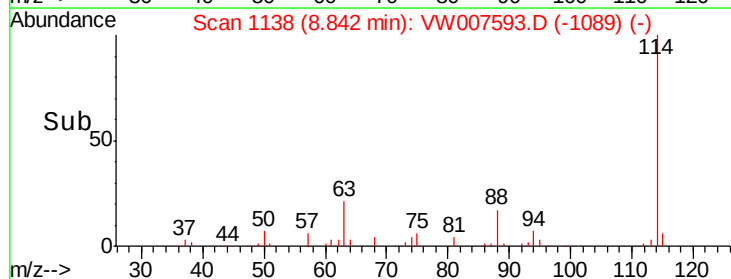
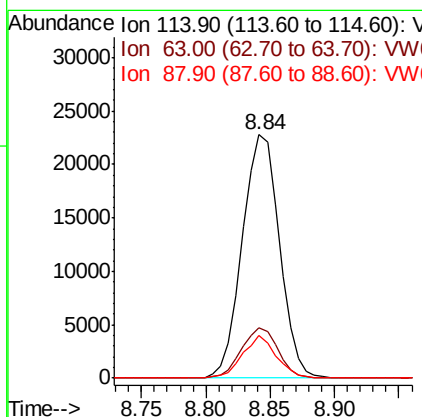
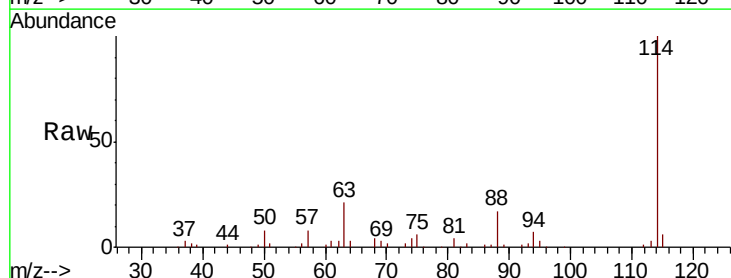
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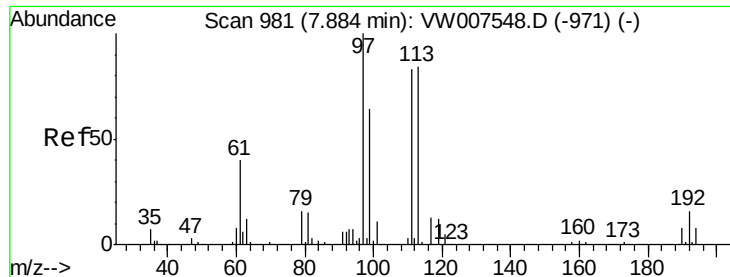
Tgt Ion: 65 Resp: 23314
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

Tgt Ion: 114 Resp: 45470
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.6
 88 17.3 0.0 31.4

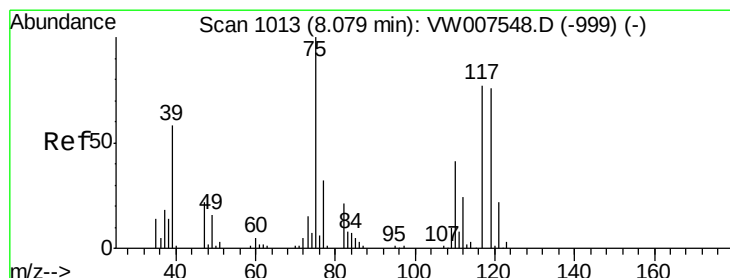
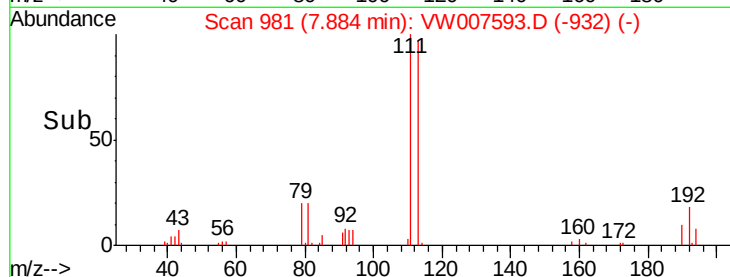
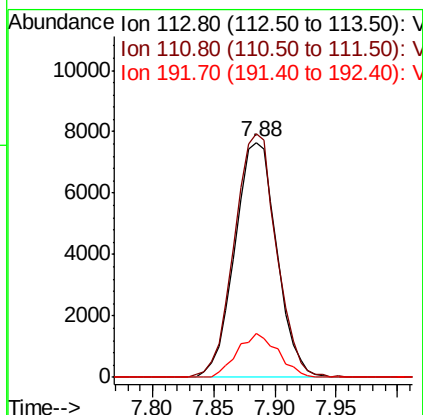
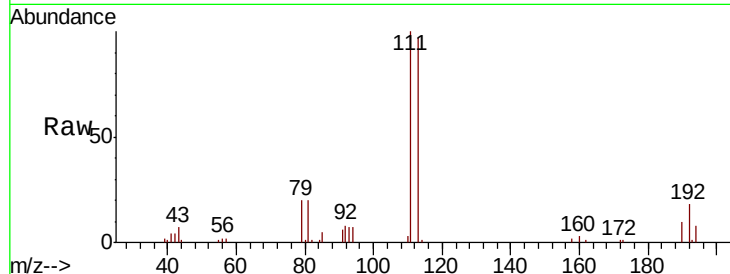




#35
 Dibromofluoromethane
 Concen: 66.184 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

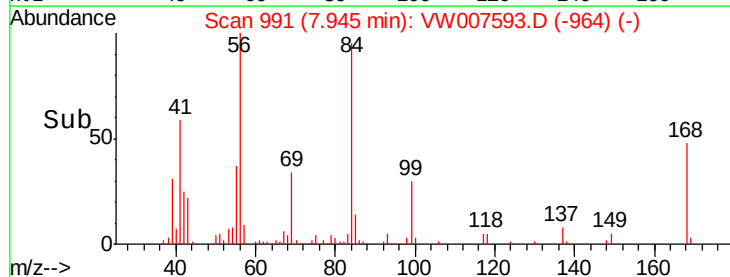
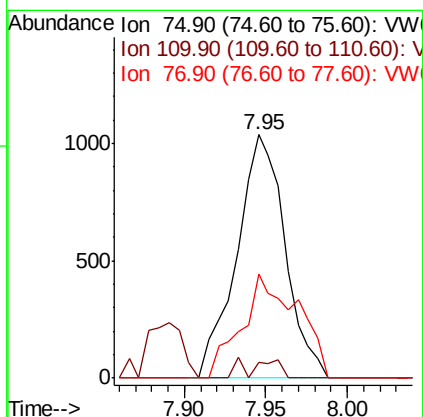
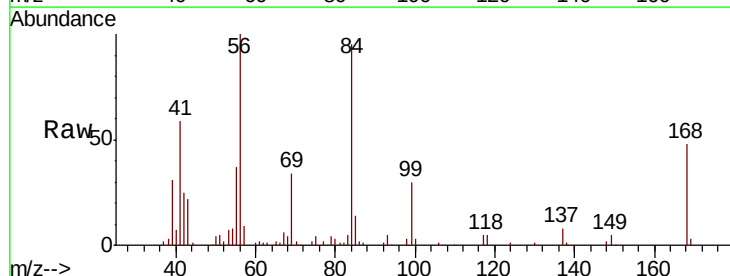
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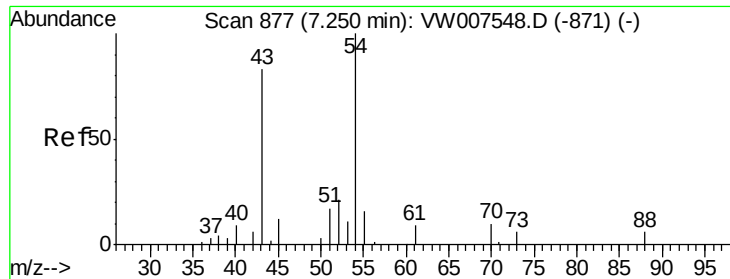
Tgt Ion: 113 Resp: 18217
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.1 121.7
 192 18.1 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 5.159 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

Tgt Ion: 75 Resp: 2140
 Ion Ratio Lower Upper
 75 100
 110 1.5 18.5 55.5#
 77 49.7 25.6 38.4#

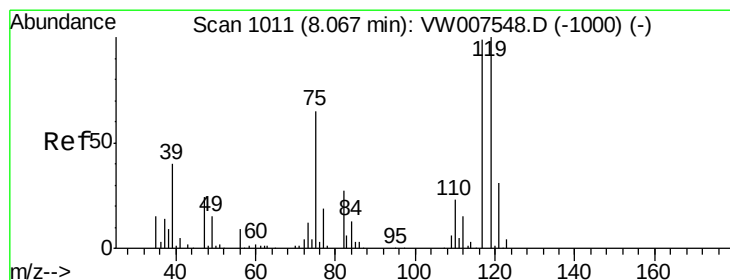
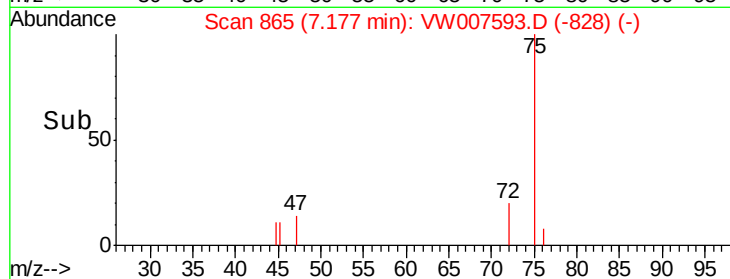
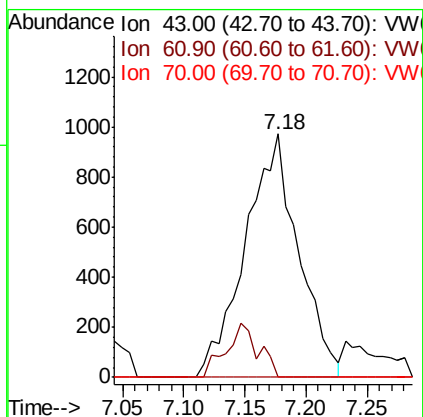
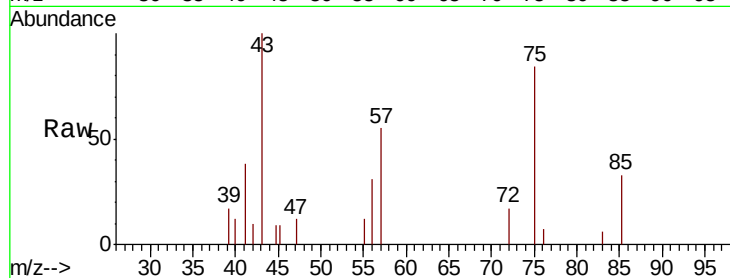




#37
Ethyl Acetate
Concen: 19.044 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.07 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

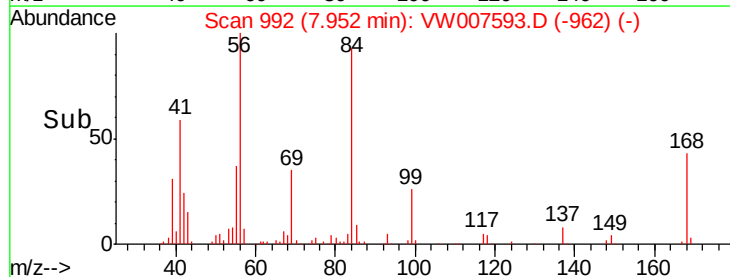
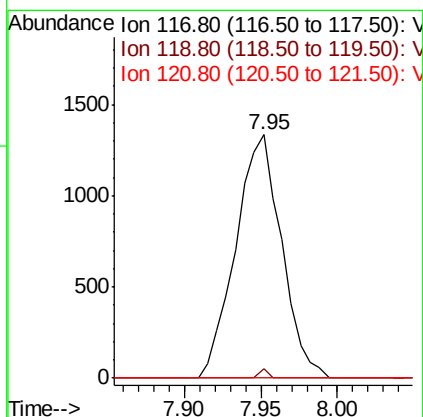
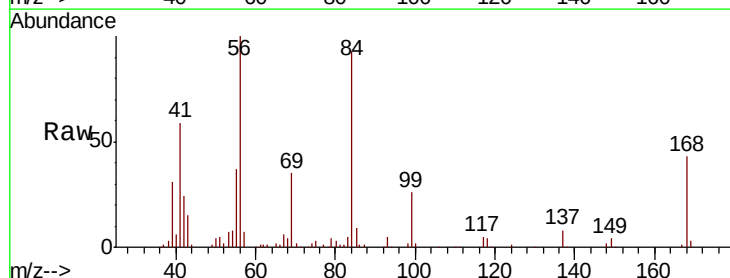
Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0612-01

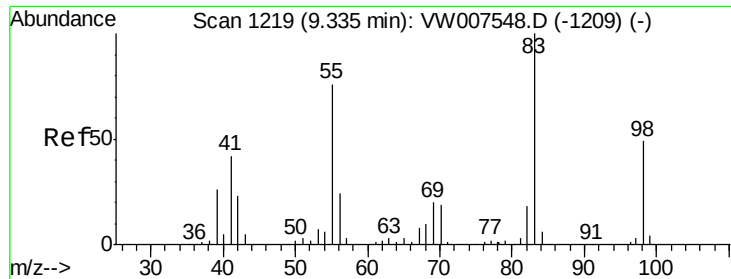
Tgt Ion: 43 Resp: 2938
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 6.173 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Tgt Ion: 117 Resp: 2786
Ion Ratio Lower Upper
117 100
119 3.8 74.3 111.5#
121 0.0 24.3 36.5#

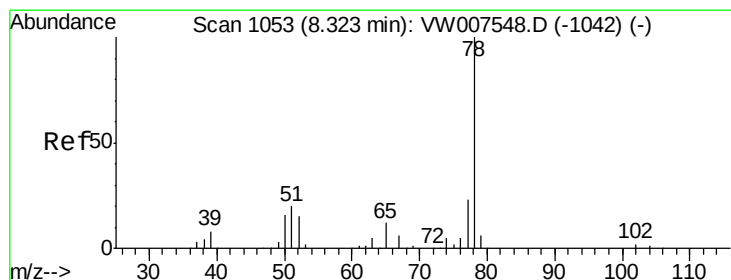
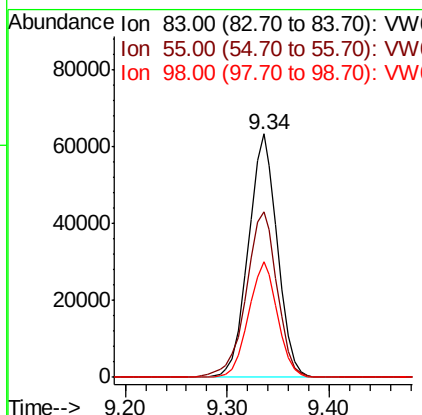
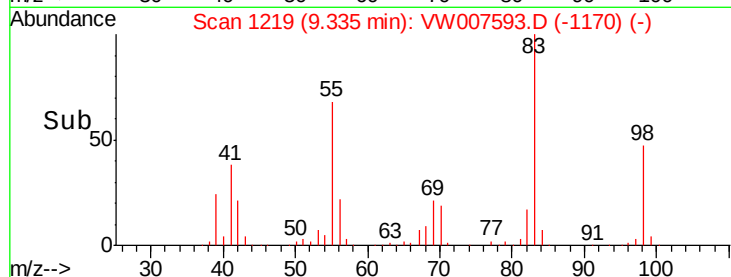
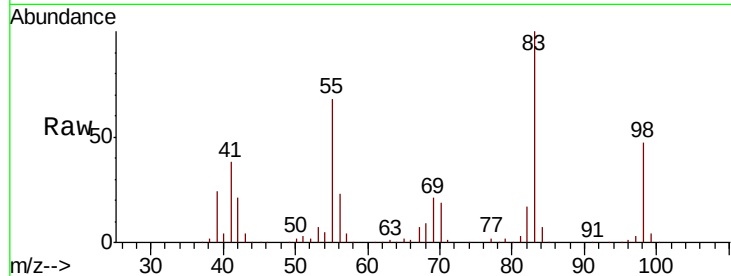




#39
Methylcyclohexane
Concen: 249.196 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

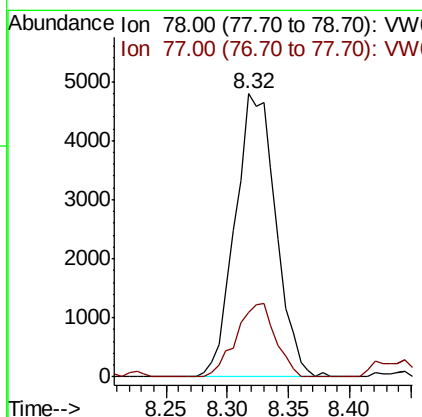
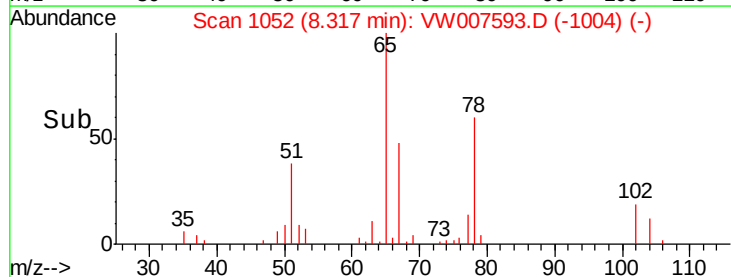
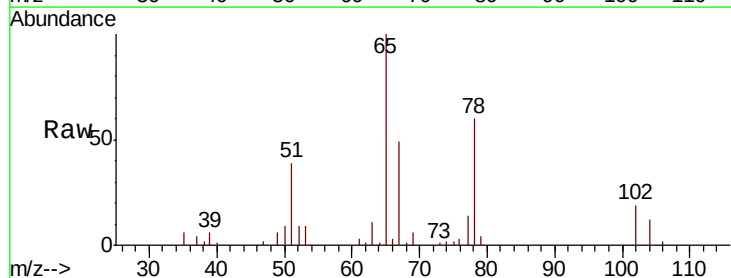
Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0612-01

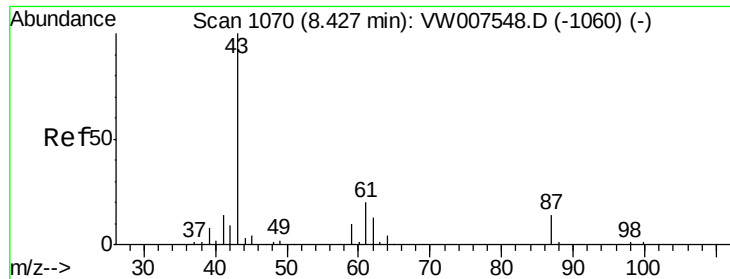
Tgt Ion: 83 Resp: 125164
Ion Ratio Lower Upper
83 100
55 68.0 62.8 94.2
98 47.4 42.2 63.2



#40
Benzene
Concen: 9.645 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Tgt Ion: 78 Resp: 11103
Ion Ratio Lower Upper
78 100
77 22.6 18.8 28.2





#43

Isopropyl Acetate

Concen: 16.542 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

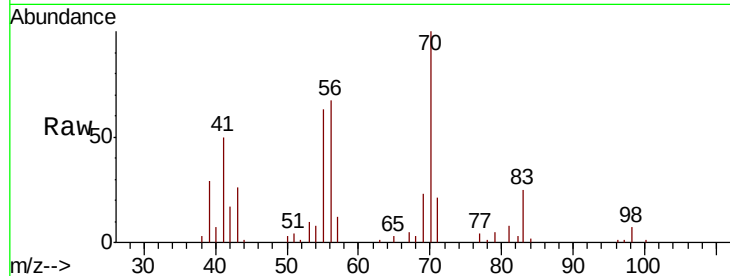
Instrument :

MSVOA_W

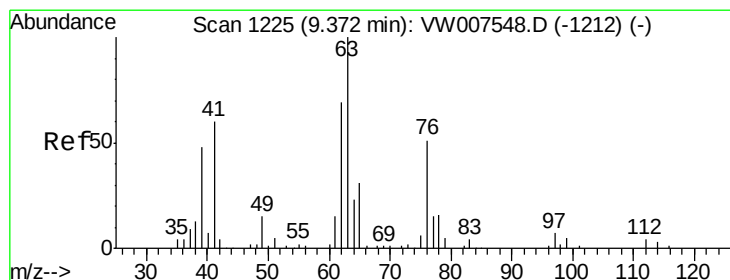
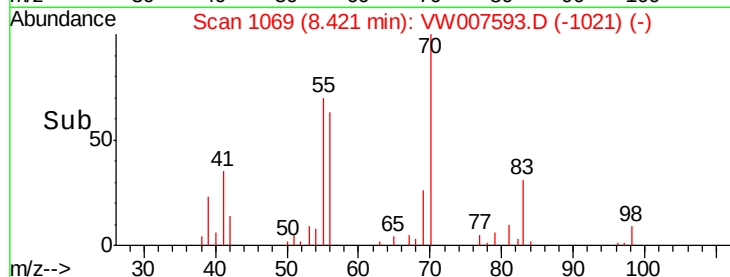
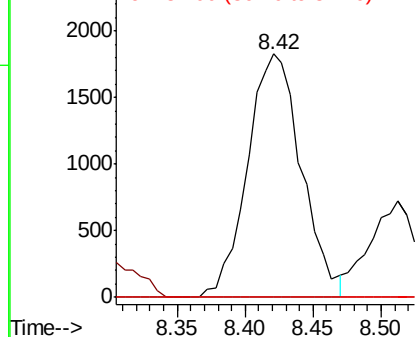
ClientSampleId :

P001-SD010-0612-01

Tgt Ion:	43	Resp:	5041
Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.3	37.9#
87	0.0	11.8	17.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#45

1,2-Dichloropropane

Concen: 5.169 ug/l

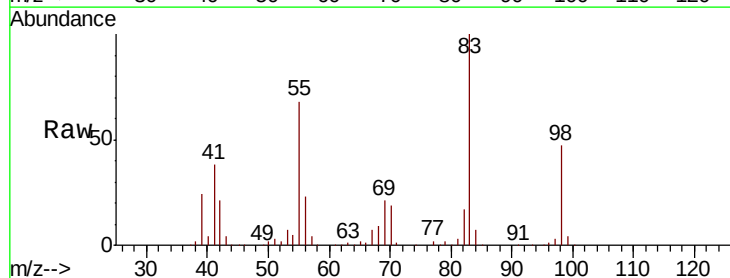
RT: 9.34 min Scan# 1219

Delta R.T. -0.03 min

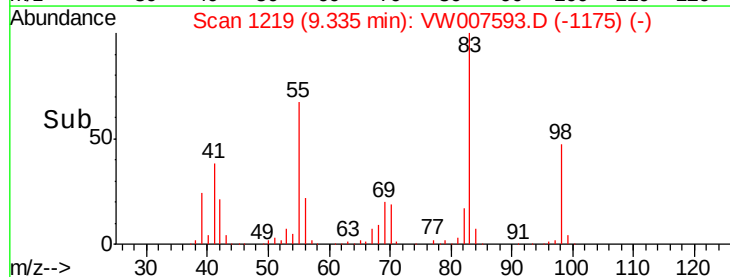
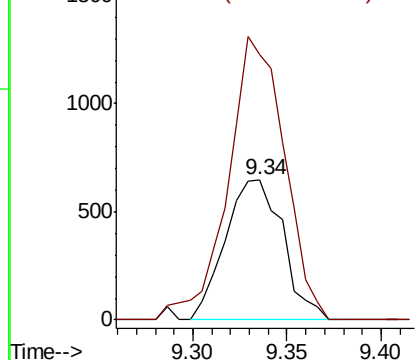
Lab File: VW007593.D

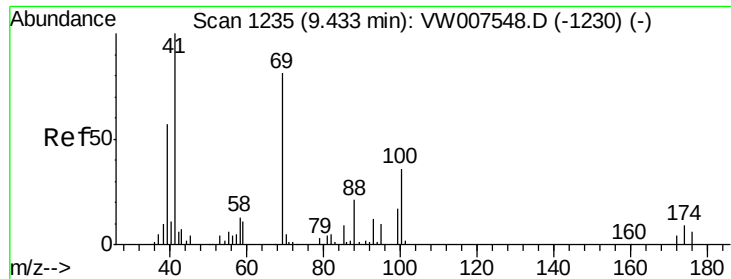
Acq: 15 Dec 2018 20:02

Tgt Ion:	63	Resp:	1377
Ion	Ratio	Lower	Upper
63	100		
65	188.8	24.4	36.6#



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 64.90 (64.60 to 65.60): VW

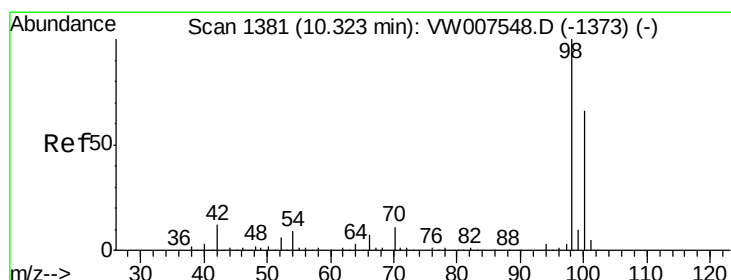
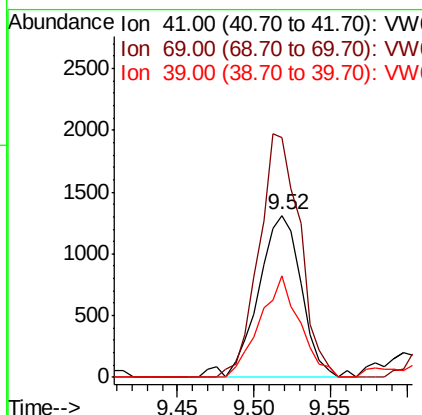
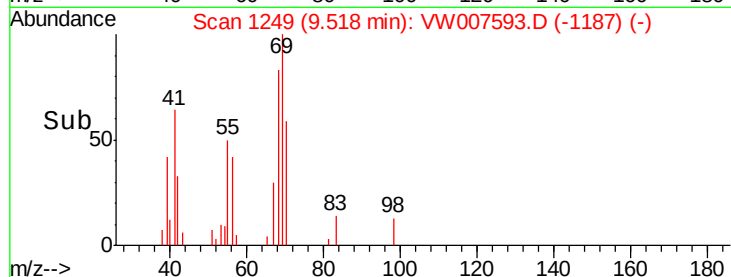
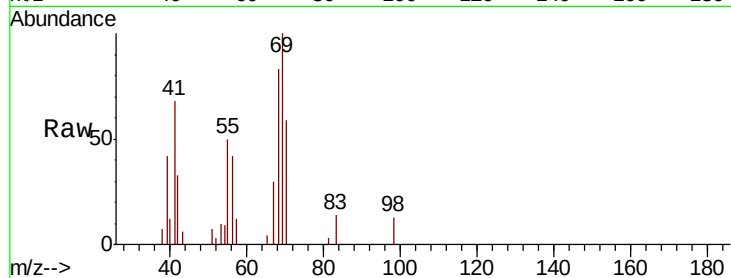




#48
Methyl methacrylate
Concen: 16.389 ug/l
RT: 9.52 min Scan# 1249
Delta R.T. 0.08 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

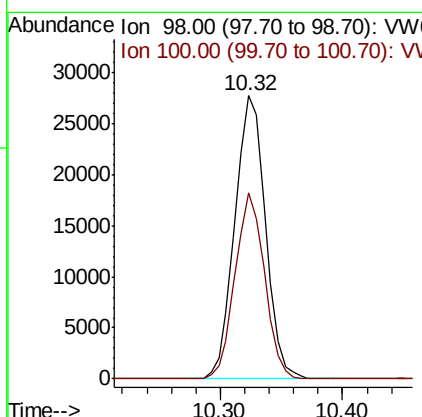
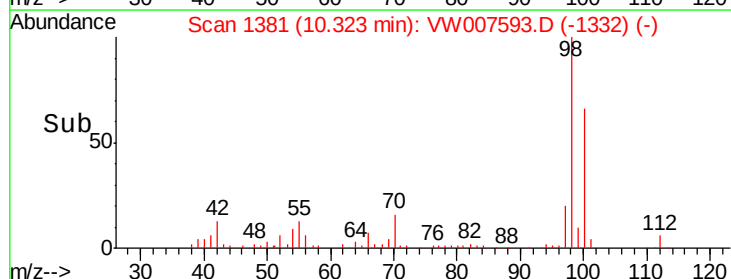
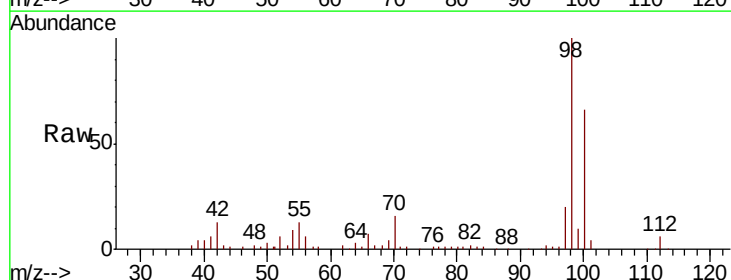
Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0612-01

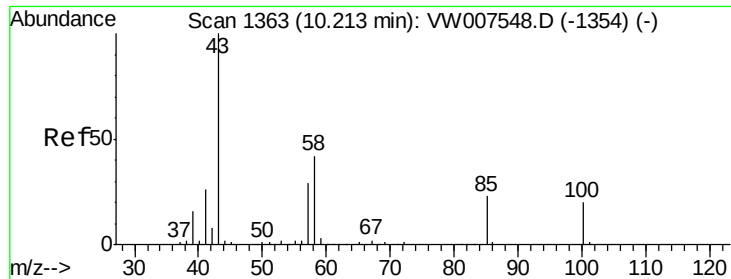
Tgt Ion: 41 Resp: 2565
Ion Ratio Lower Upper
41 100
69 142.7 69.8 104.8#
39 58.1 50.9 76.3



#50
Toluene-d8
Concen: 46.519 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Tgt Ion: 98 Resp: 48009
Ion Ratio Lower Upper
98 100
100 63.0 51.8 77.8

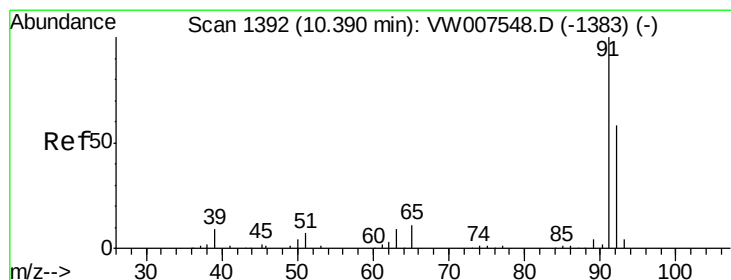
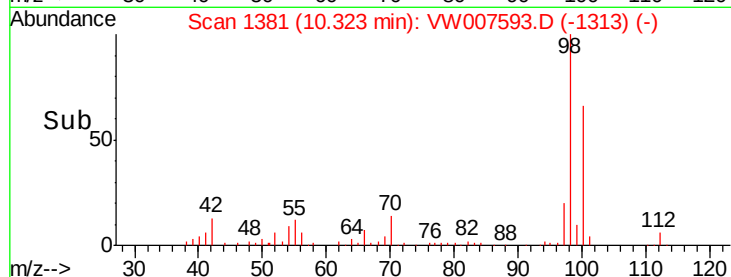
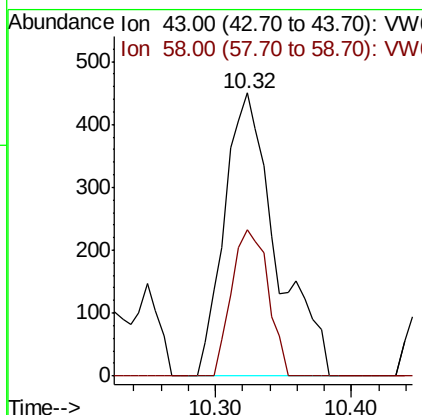
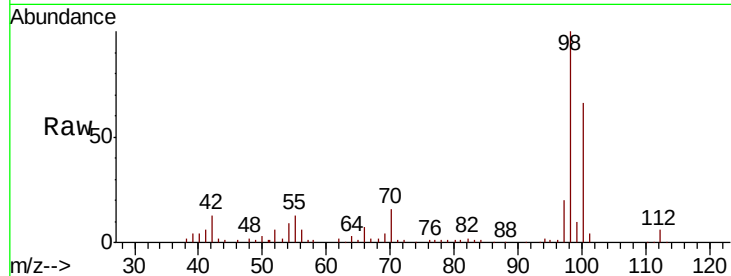




#51
 4-Methyl-2-Pentanone
 Concen: 8.292 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.12 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

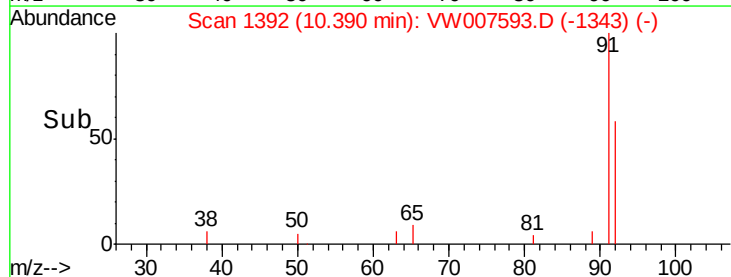
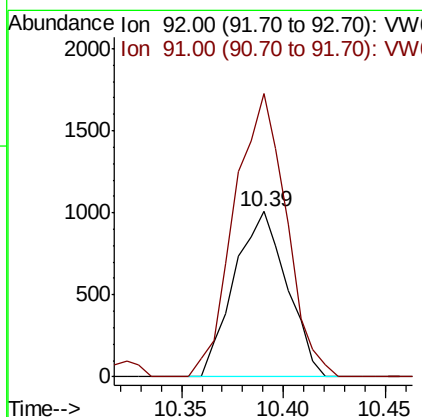
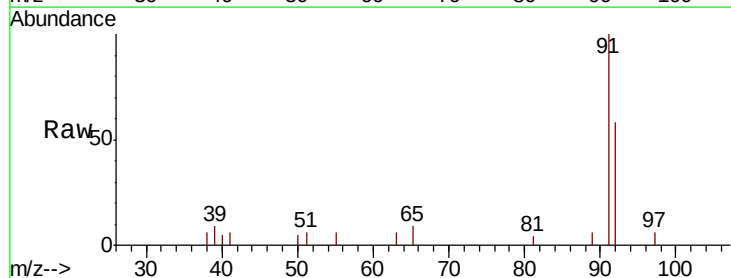
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0612-01

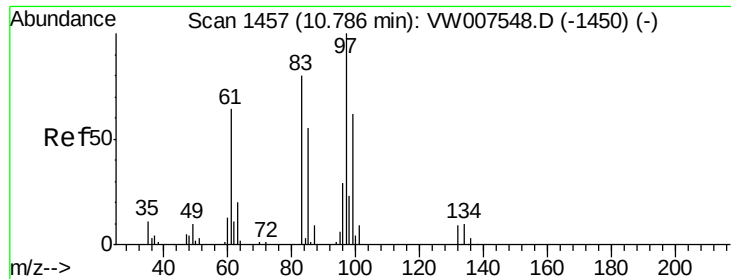
Tgt Ion: 43 Resp: 1194
 Ion Ratio Lower Upper
 43 100
 58 36.5 33.1 49.7



#52
 Toluene
 Concen: 2.438 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

Tgt Ion: 92 Resp: 1816
 Ion Ratio Lower Upper
 92 100
 91 168.3 136.2 204.2

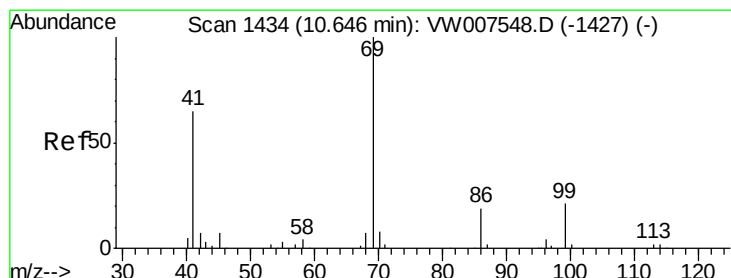
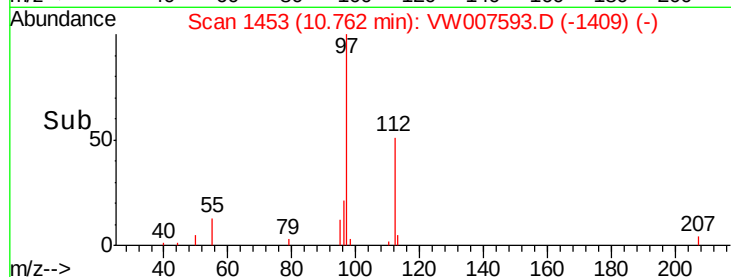
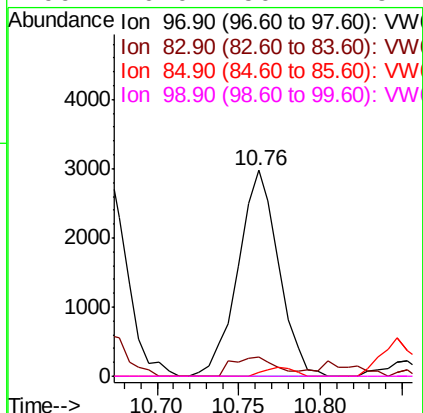
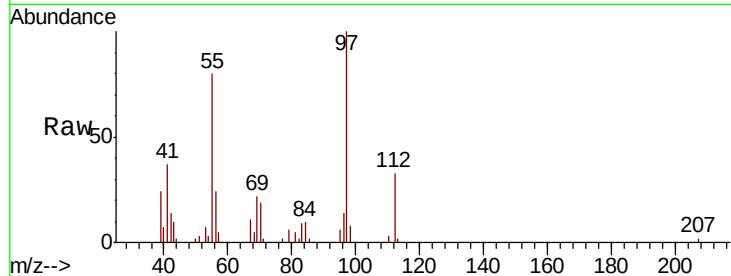




#55
 1,1,2-Trichloroethane
 Concen: 25.058 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.03 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

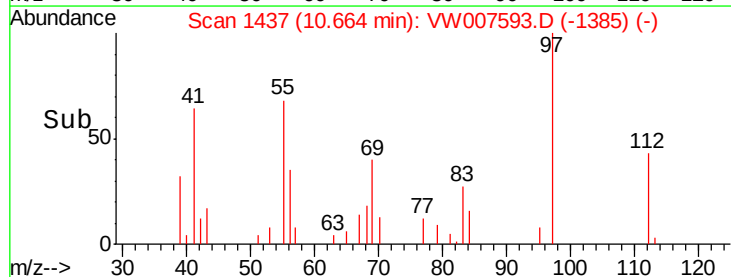
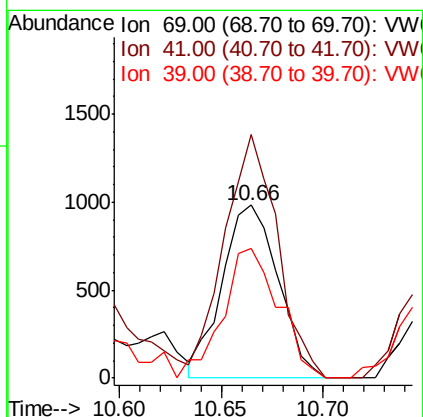
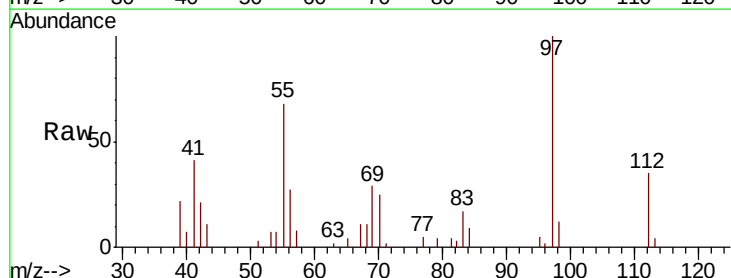
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0612-01

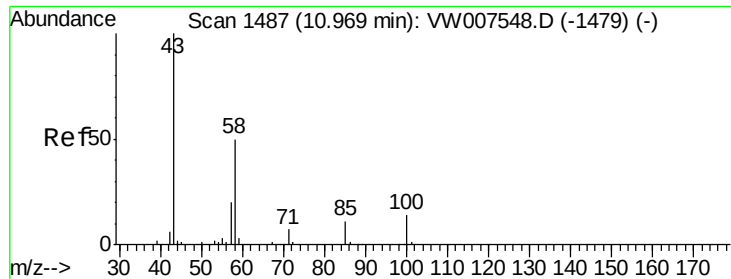
Tgt Ion: 97 Resp: 5159
 Ion Ratio Lower Upper
 97 100
 83 9.1 62.1 93.1#
 85 1.9 44.2 66.4#
 99 0.0 50.2 75.4#



#56
 Ethyl methacrylate
 Concen: 7.585 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

Tgt Ion: 69 Resp: 1877
 Ion Ratio Lower Upper
 69 100
 41 133.1 51.0 76.6#
 39 74.6 30.8 46.2#





#59

2-Hexanone

Concen: 27.069 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

Instrument :

MSVOA_W

ClientSampleId :

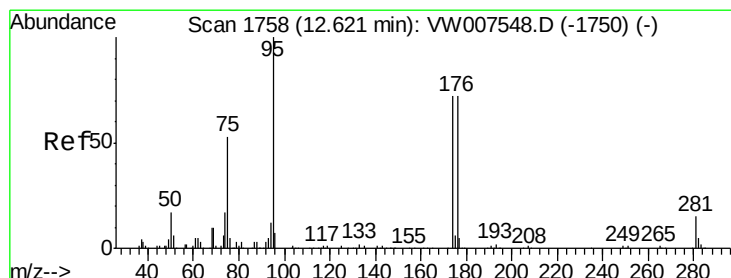
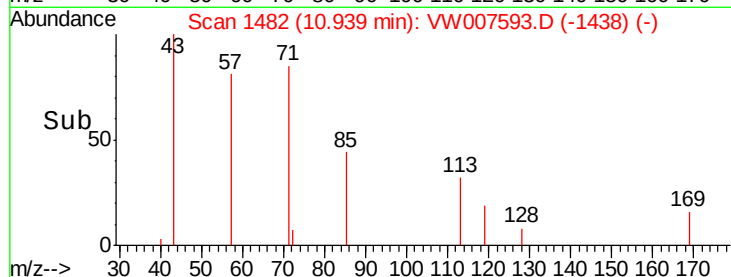
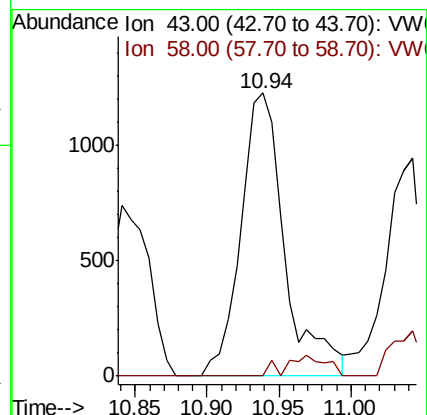
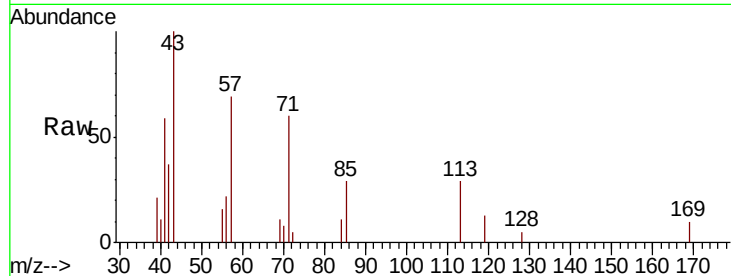
P001-SD010-0612-01

Tgt Ion: 43 Resp: 2599

Ion Ratio Lower Upper

43 100

58 0.0 27.1 81.3#



#62

4-Bromofluorobenzene

Concen: 31.757 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

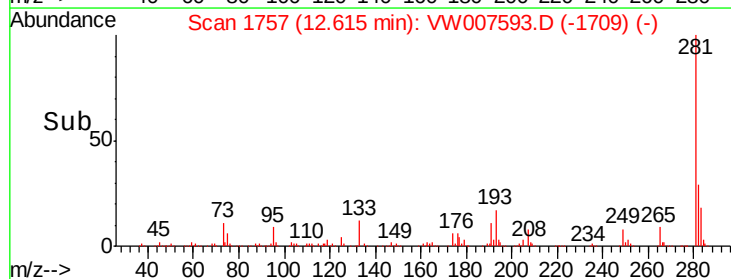
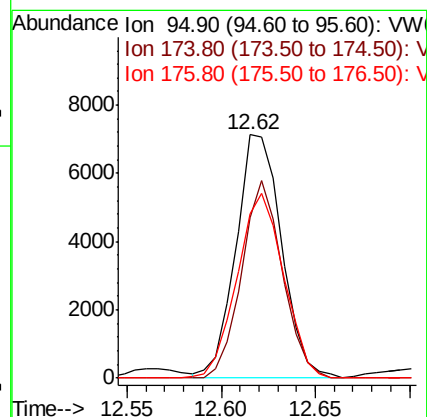
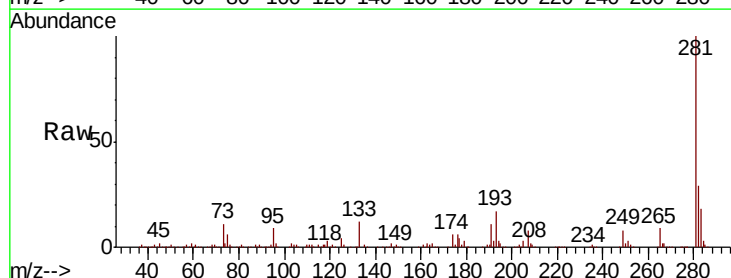
Tgt Ion: 95 Resp: 12050

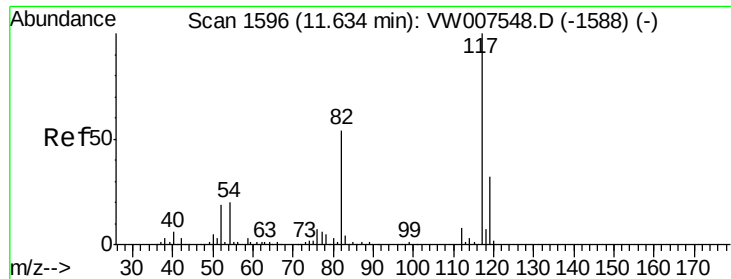
Ion Ratio Lower Upper

95 100

174 71.7 0.0 147.2

176 77.1 0.0 138.8

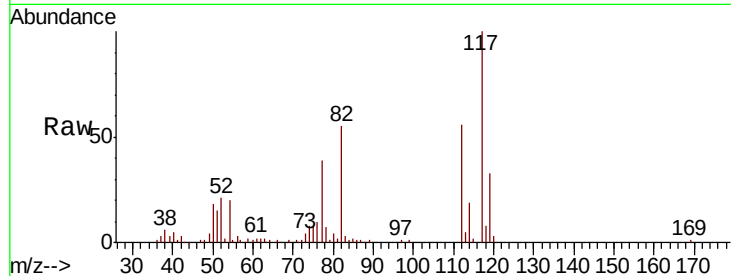




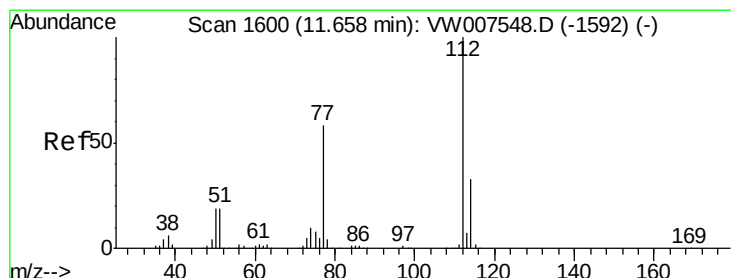
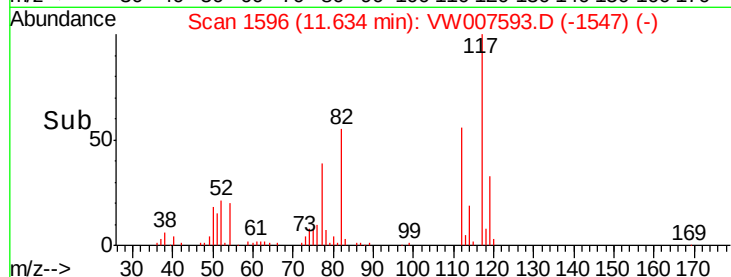
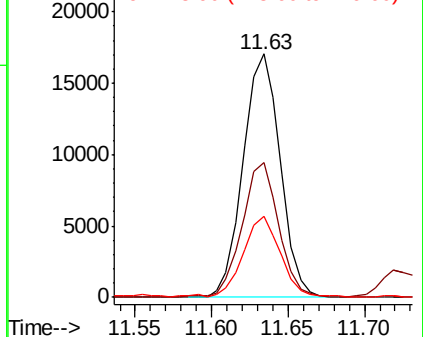
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0612-01

Tgt Ion:117 Resp: 28715
Ion Ratio Lower Upper
117 100
82 55.2 42.3 63.5
119 32.6 23.0 34.6

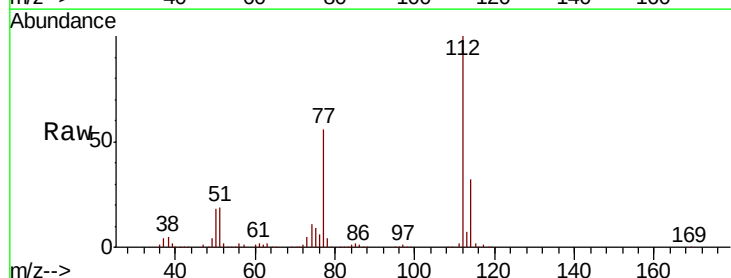


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

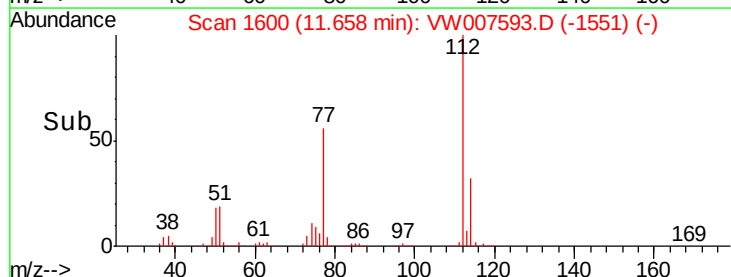
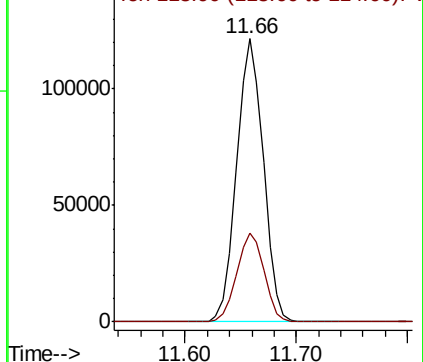


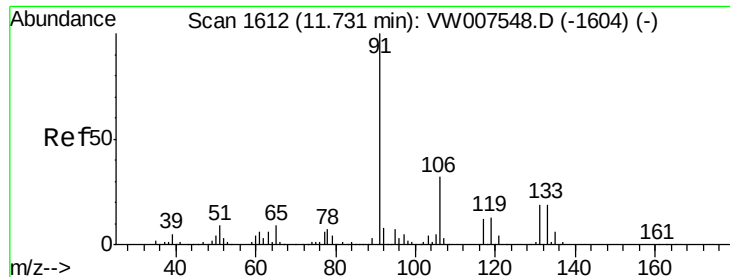
#65
Chlorobenzene
Concen: 335.634 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Tgt Ion:112 Resp: 200881
Ion Ratio Lower Upper
112 100
114 31.6 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

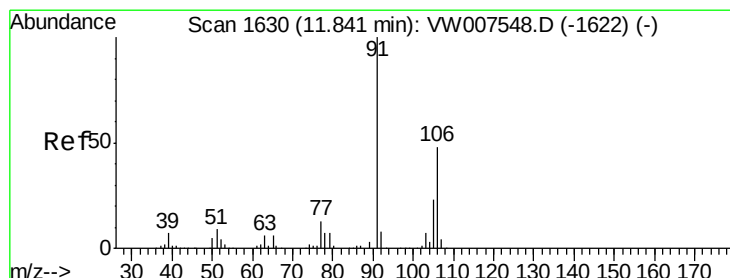
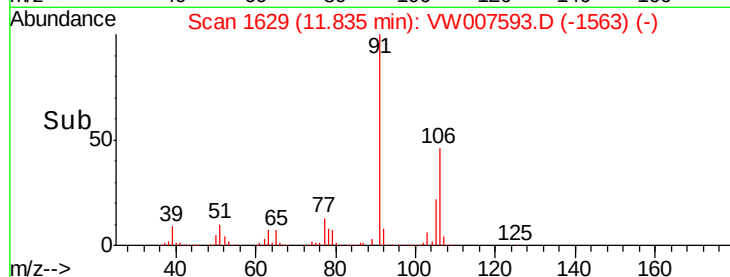
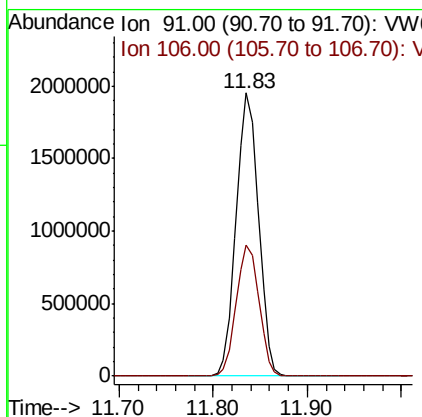
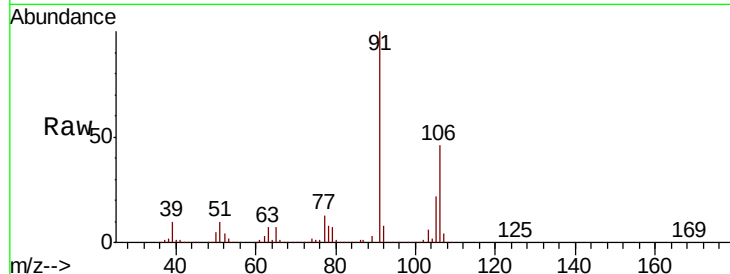




#67
 Ethyl Benzene
 Concen: 3142.750 ug/l
 RT: 11.83 min Scan# 1629
 Delta R.T. 0.10 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

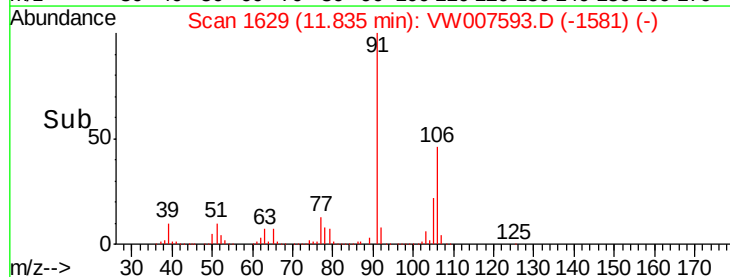
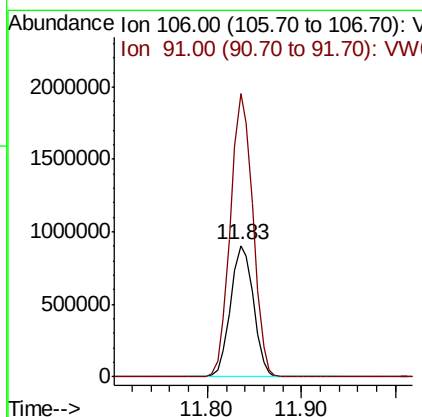
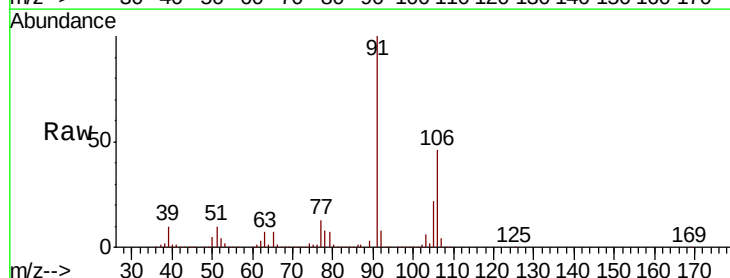
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0612-01

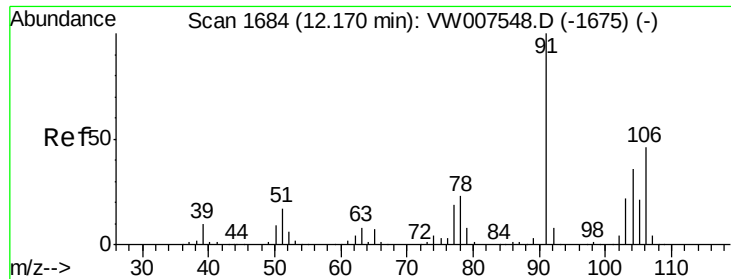
Tgt Ion: 91 Resp: 3233916
 Ion Ratio Lower Upper
 91 100
 106 46.4 21.8 32.8#



#68
 m/p-Xylenes
 Concen: 3812.617 ug/l
 RT: 11.83 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

Tgt Ion: 106 Resp: 1525175
 Ion Ratio Lower Upper
 106 100
 91 212.0 165.3 247.9

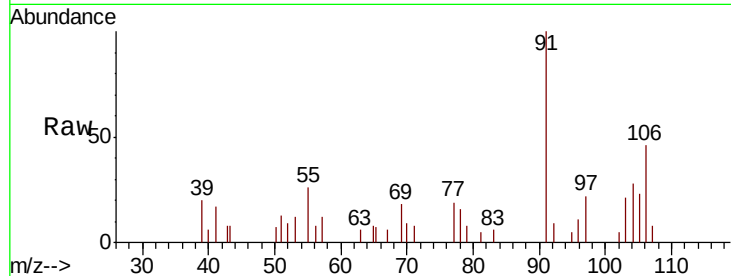




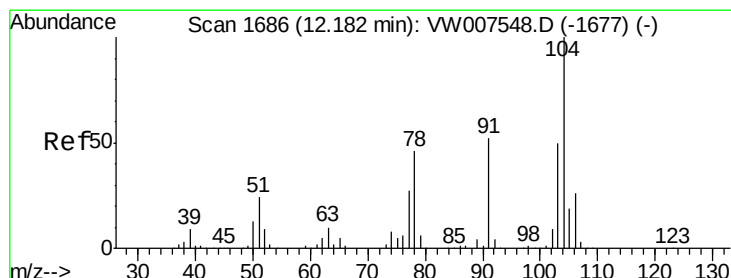
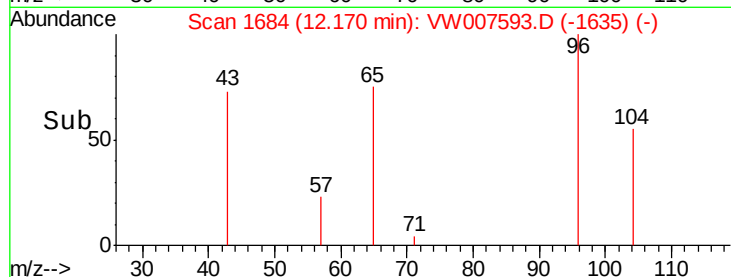
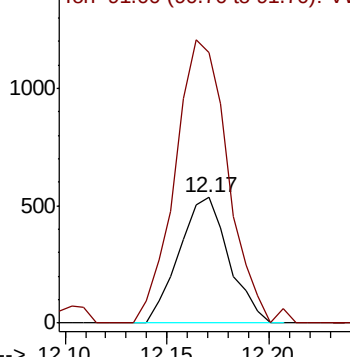
#69
o-Xylene
Concen: 2.433 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0612-01

Tgt Ion:106 Resp: 909
Ion Ratio Lower Upper
106 100
91 240.5 106.6 319.8

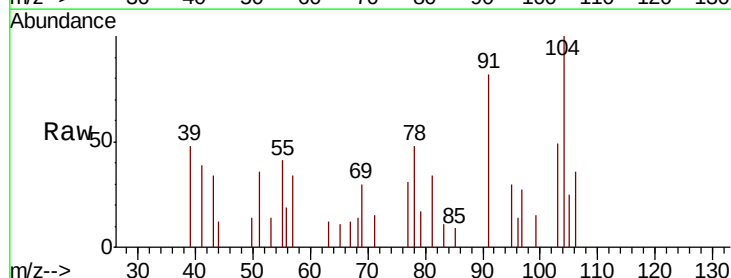


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

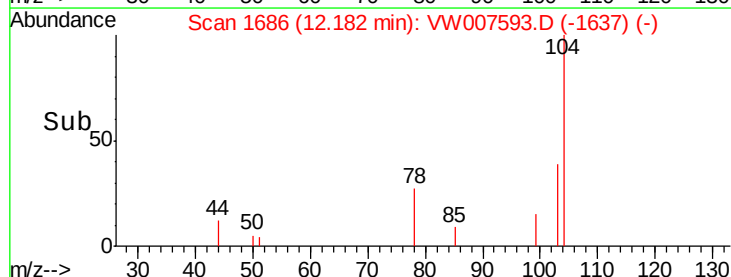
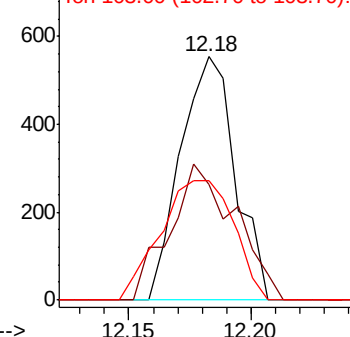


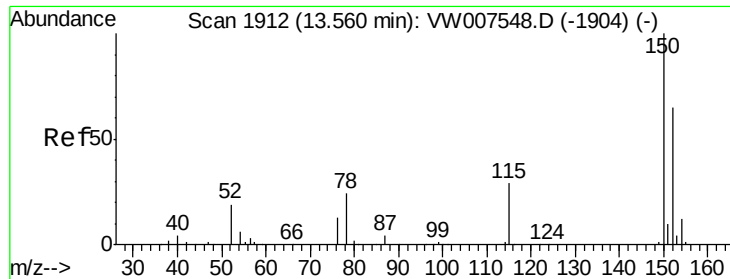
#70
Styrene
Concen: 1.432 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Tgt Ion:104 Resp: 864
Ion Ratio Lower Upper
104 100
78 66.4 41.8 62.8#
103 65.6 46.6 69.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0612-01

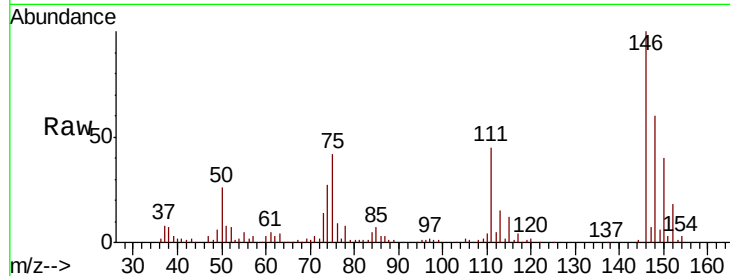
Tgt Ion:152 Resp: 8064

Ion Ratio Lower Upper

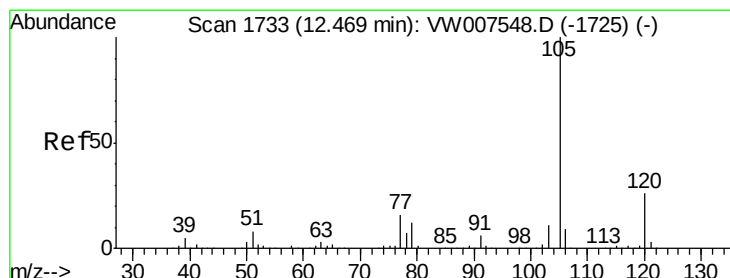
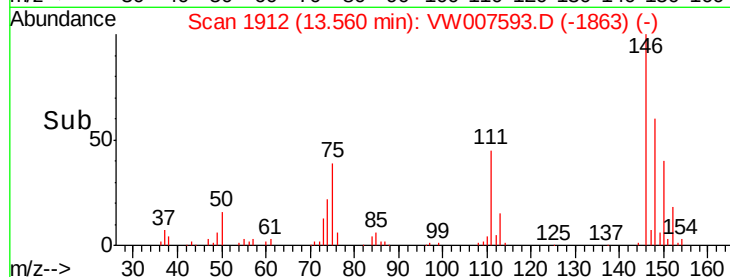
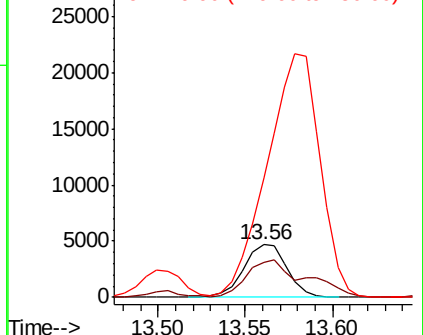
152 100

115 97.0 31.4 94.2#

150 568.3 0.0 358.4#



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: 35.174 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007593.D

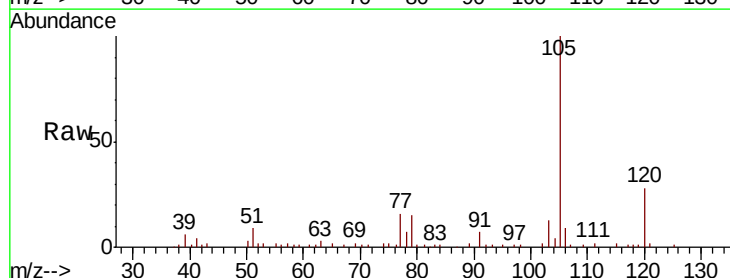
Acq: 15 Dec 2018 20:02

Tgt Ion:105 Resp: 21734

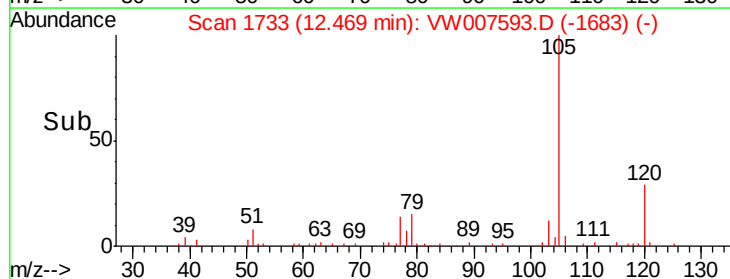
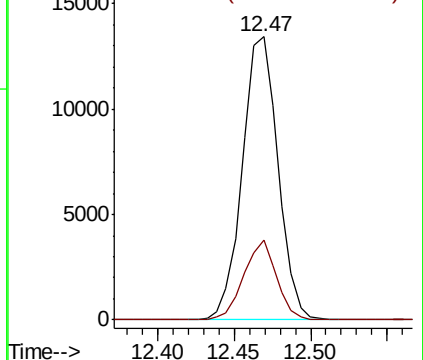
Ion Ratio Lower Upper

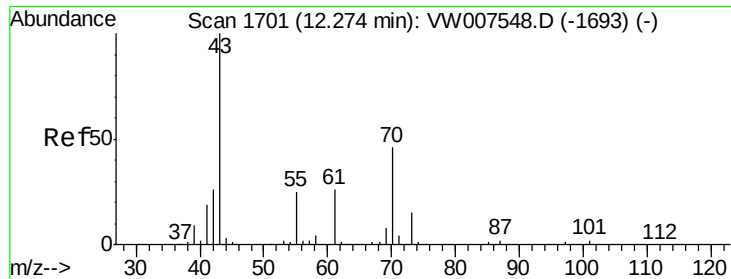
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 17.035 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0612-01

Tgt Ion: 43 Resp: 1913

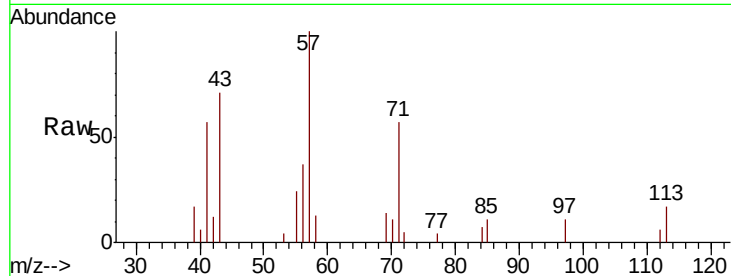
Ion Ratio Lower Upper

43 100

70 25.4 36.5 54.7#

55 0.0 20.1 30.1#

61 0.0 19.3 28.9#

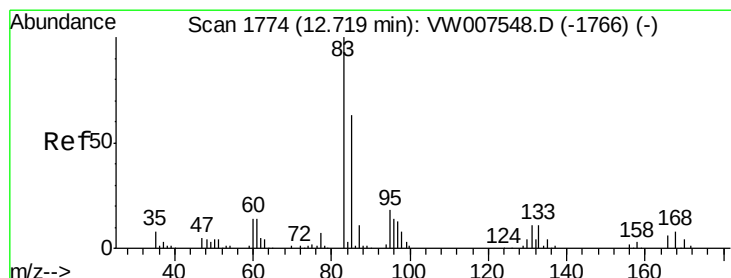
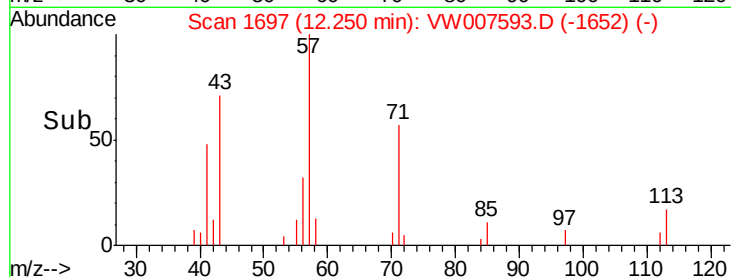
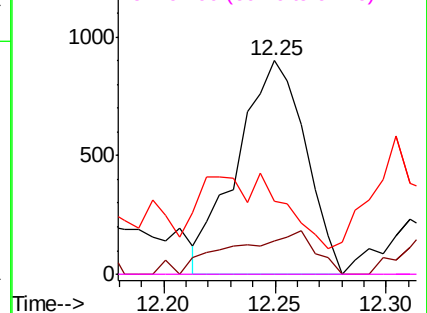


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 1.289 ug/l

RT: 12.74 min Scan# 1777

Delta R.T. 0.02 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

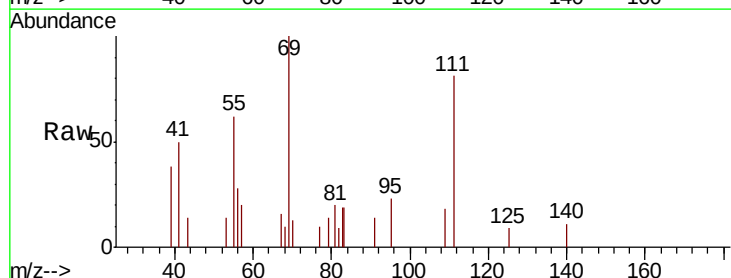
Tgt Ion: 83 Resp: 118

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.8#

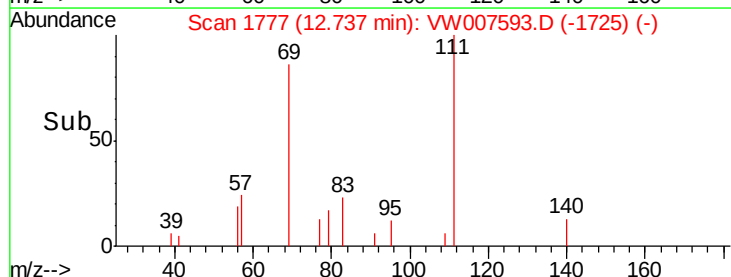
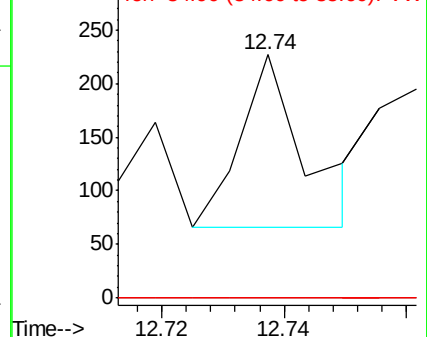
85 0.0 30.0 90.0#

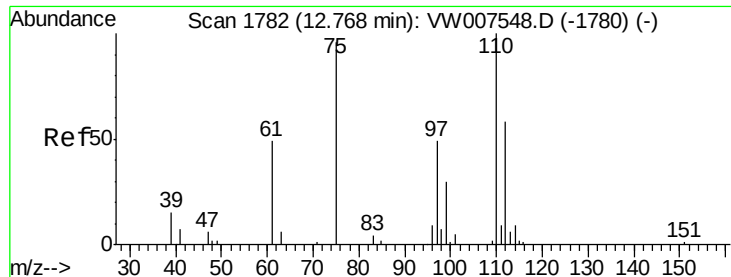


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 13.310 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. 0.10 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

Instrument :

MSVOA_W

ClientSampleId :

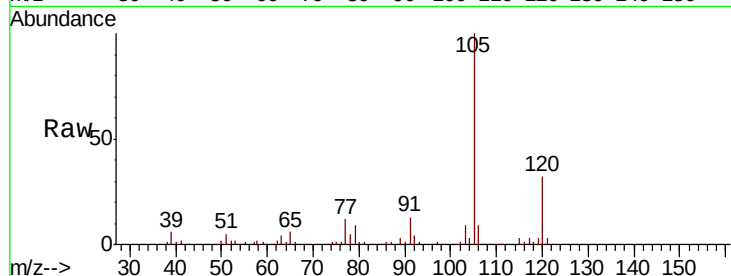
P001-SD010-0612-01

Tgt Ion: 75 Resp: 885

Ion Ratio Lower Upper

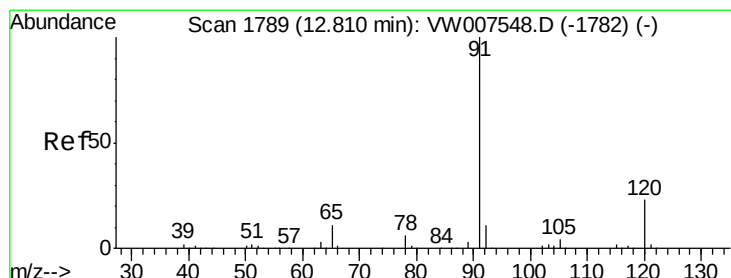
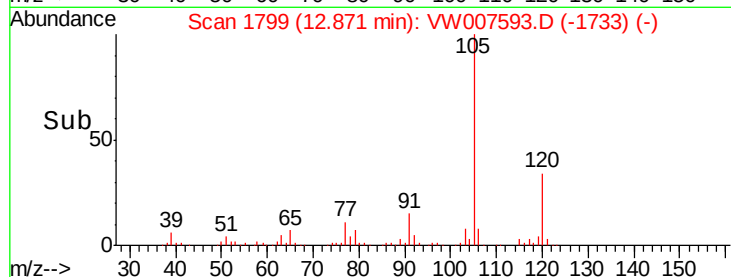
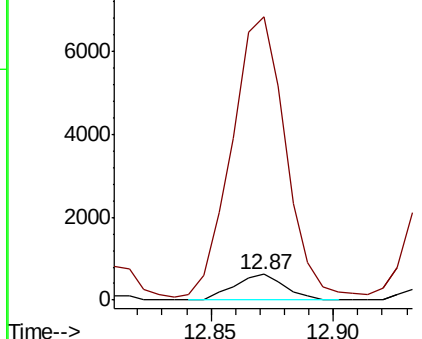
75 100

77 1210.7 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#78

n-propylbenzene

Concen: 51.625 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW007593.D

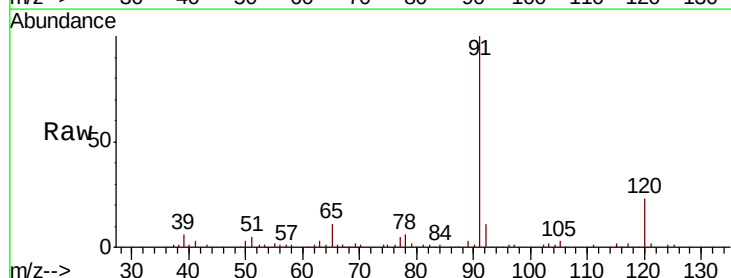
Acq: 15 Dec 2018 20:02

Tgt Ion: 91 Resp: 35899

Ion Ratio Lower Upper

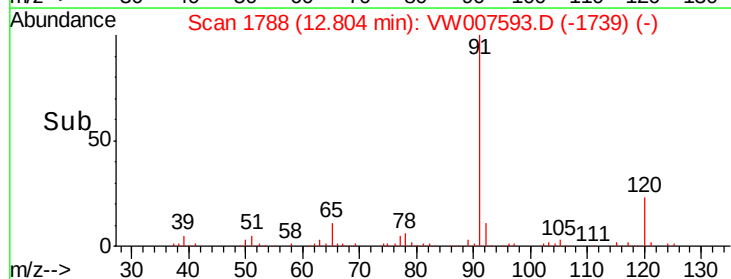
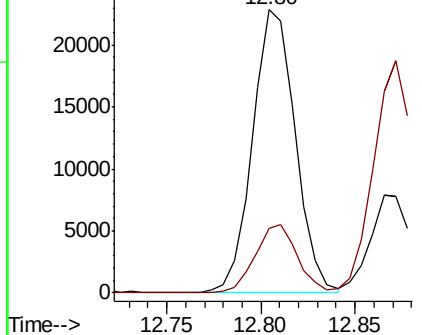
91 100

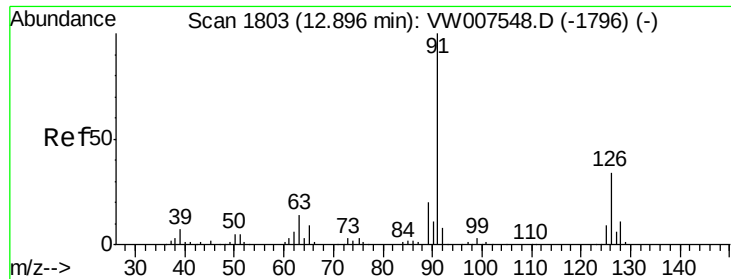
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 29.316 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. -0.03 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

Instrument :

MSVOA_W

ClientSampleId :

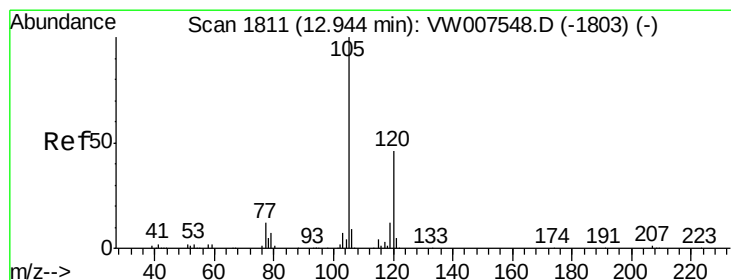
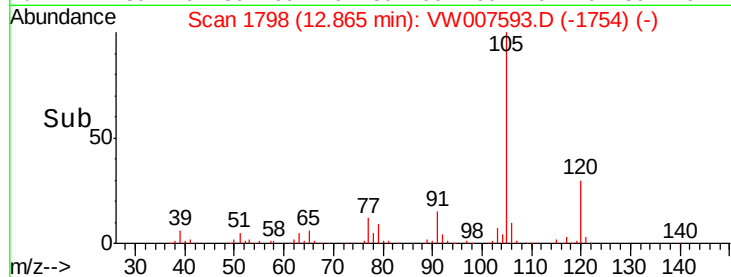
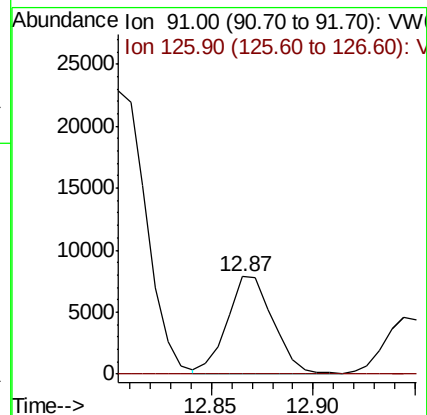
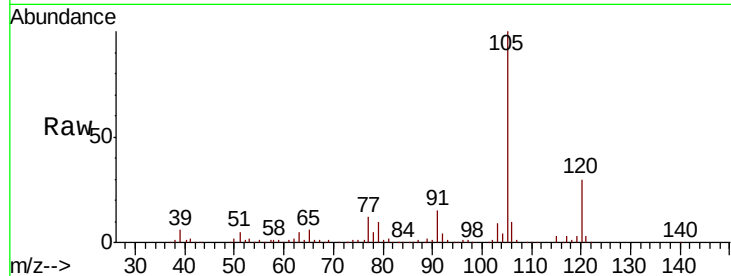
P001-SD010-0612-01

Tgt Ion: 91 Resp: 12335

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.6#



#80

1,3,5-Trimethylbenzene

Concen: 123.804 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW007593.D

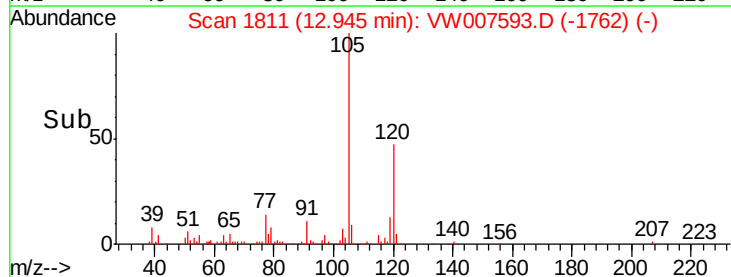
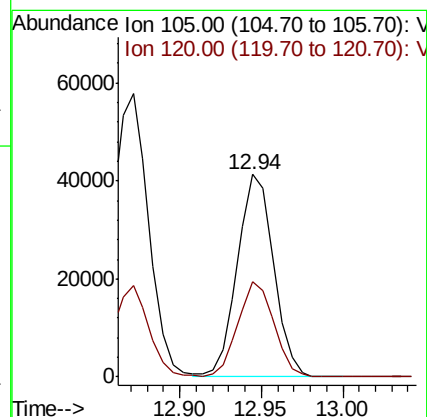
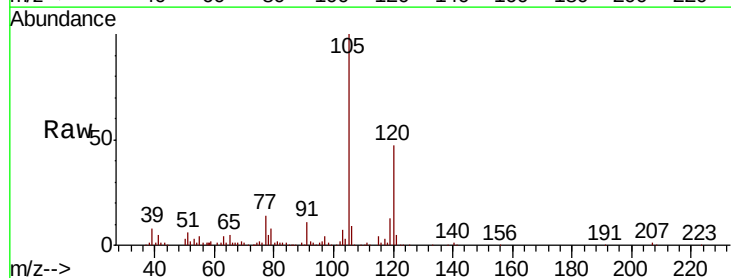
Acq: 15 Dec 2018 20:02

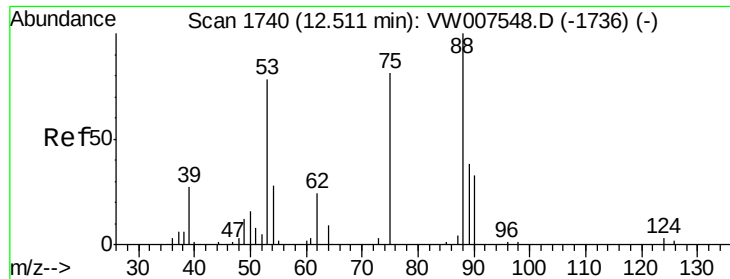
Tgt Ion:105 Resp: 64277

Ion Ratio Lower Upper

105 100

120 46.7 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 9.734 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.05 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0612-01

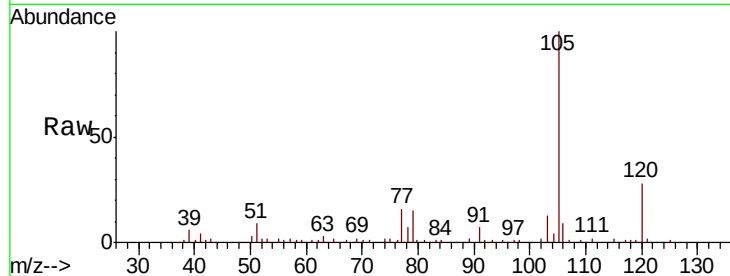
Tgt Ion: 75 Resp: 293

Ion Ratio Lower Upper

75 100

53 117.4 84.9 127.3

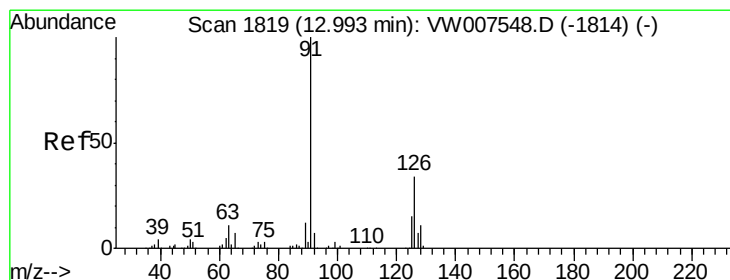
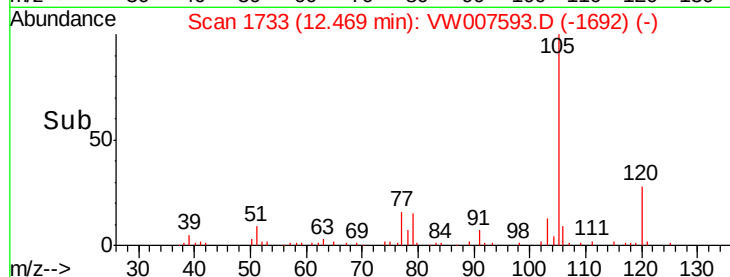
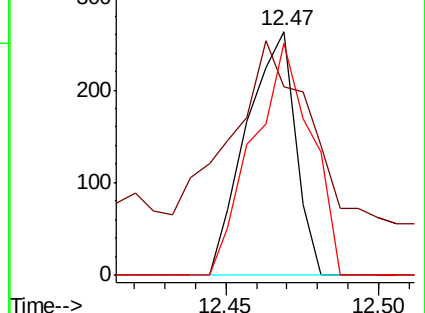
89 113.3 40.3 60.5#



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: 16.554 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW007593.D

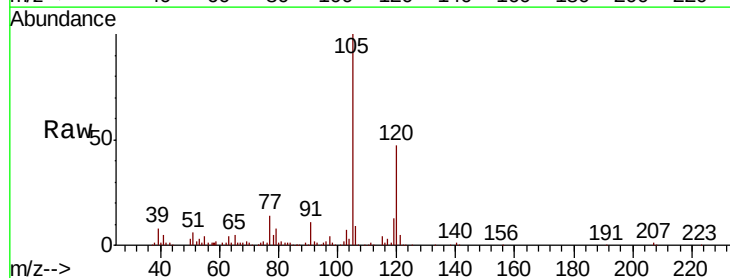
Acq: 15 Dec 2018 20:02

Tgt Ion: 91 Resp: 7342

Ion Ratio Lower Upper

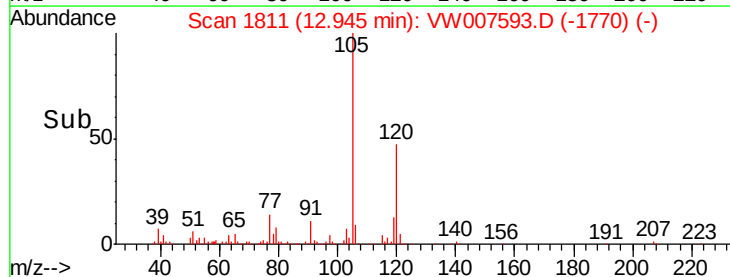
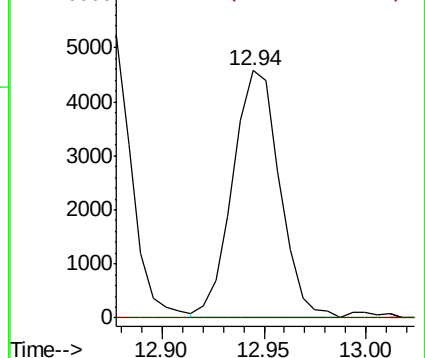
91 100

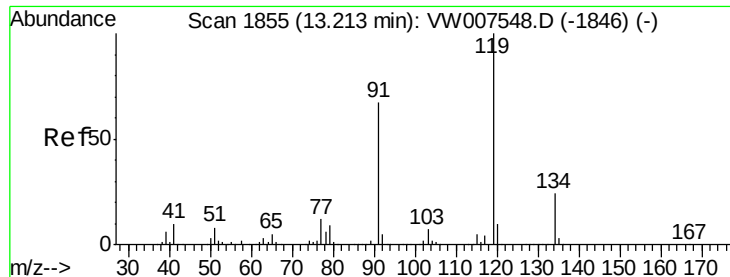
126 0.0 16.0 48.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

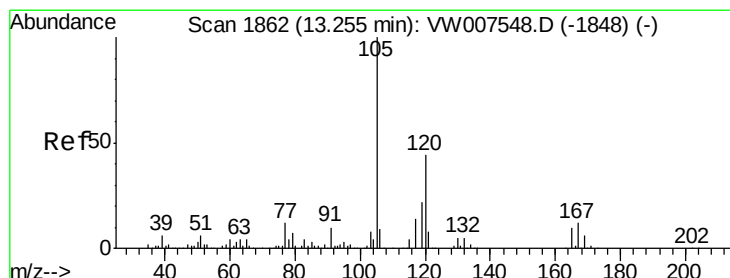
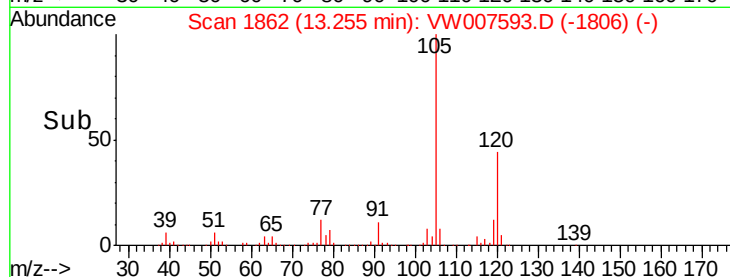
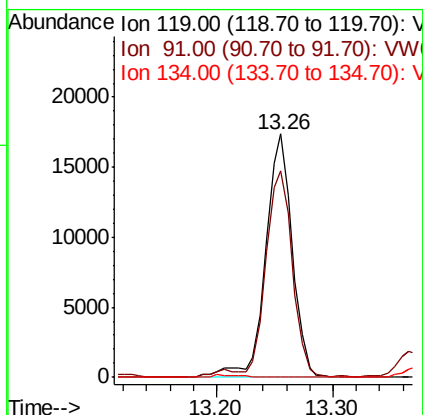
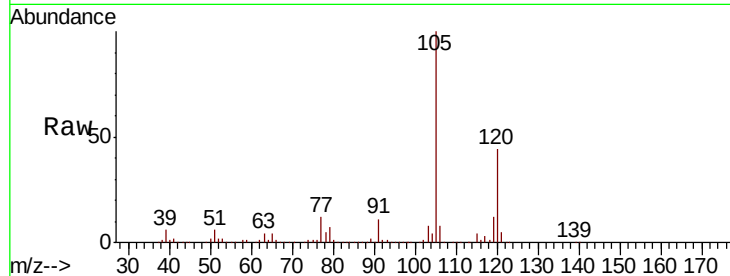




#83
 tert-Butylbenzene
 Concen: 60.373 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.04 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

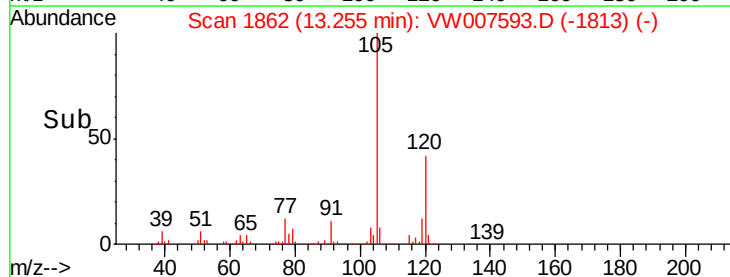
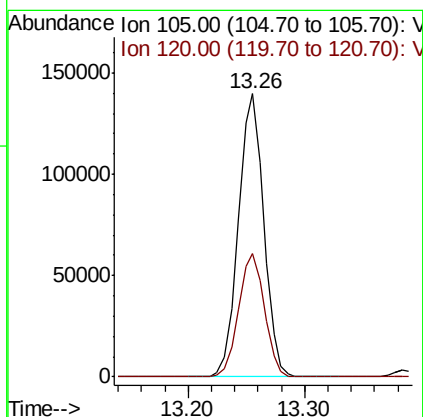
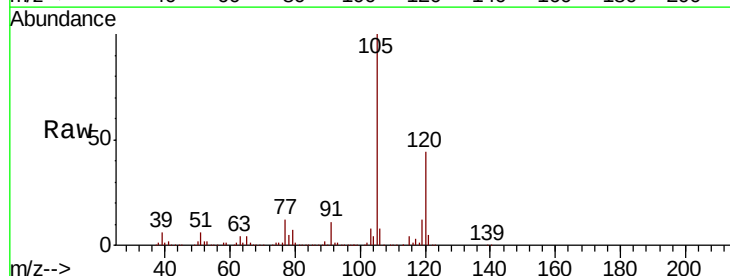
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0612-01

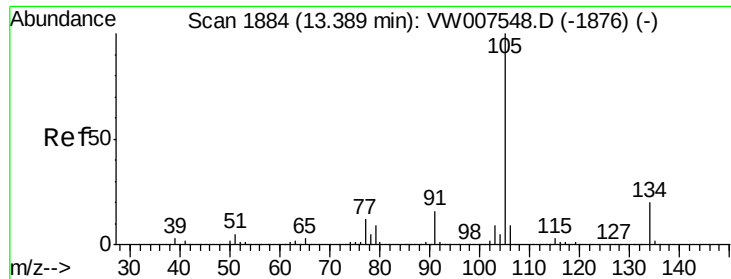
Tgt Ion:119 Resp: 27619
 Ion Ratio Lower Upper
 119 100
 91 84.8 33.1 99.2
 134 0.0 12.5 37.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 396.584 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

Tgt Ion:105 Resp: 211882
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.6 67.7

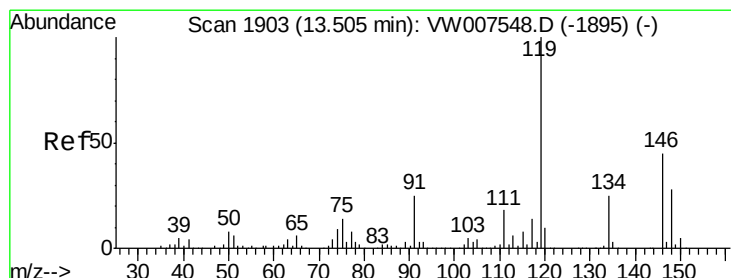
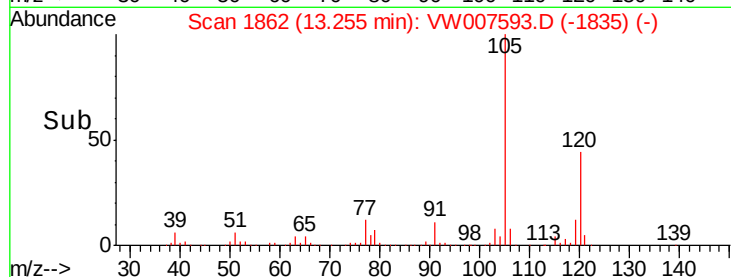
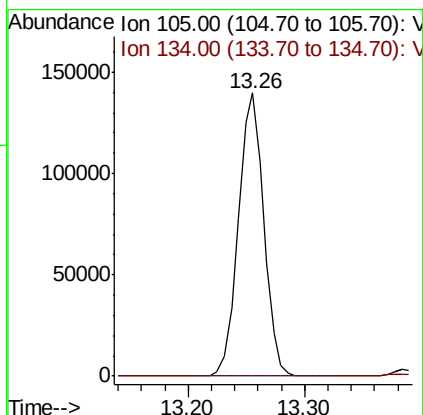
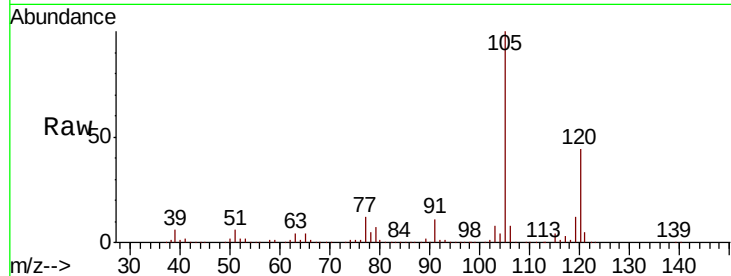




#85
 sec-Butylbenzene
 Concen: 339.278 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.13 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

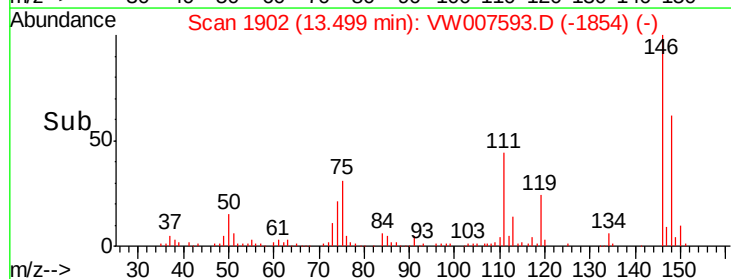
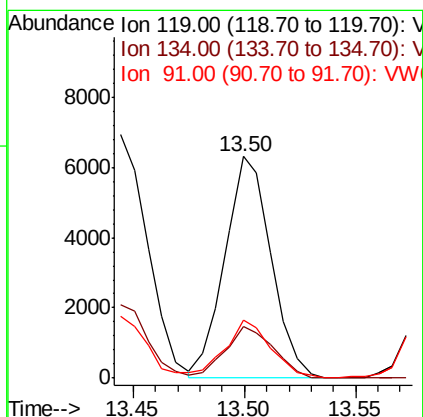
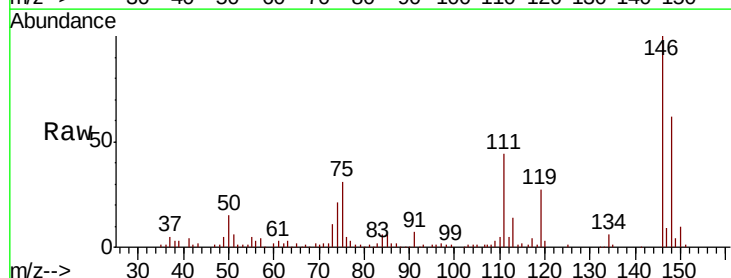
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0612-01

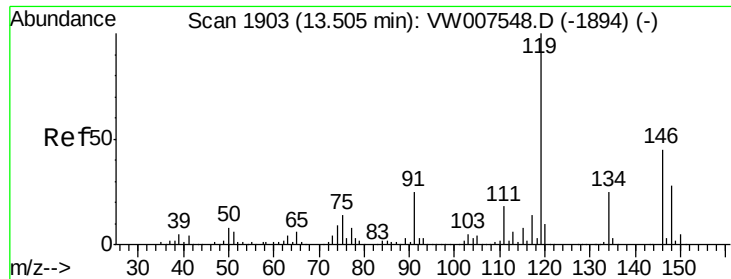
Tgt Ion:105 Resp: 211882
 Ion Ratio Lower Upper
 105 100
 134 0.0 11.1 33.3#



#86
 p-Isopropyltoluene
 Concen: 16.259 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

Tgt Ion:119 Resp: 9122
 Ion Ratio Lower Upper
 119 100
 134 24.2 12.9 38.7
 91 26.3 11.9 35.9

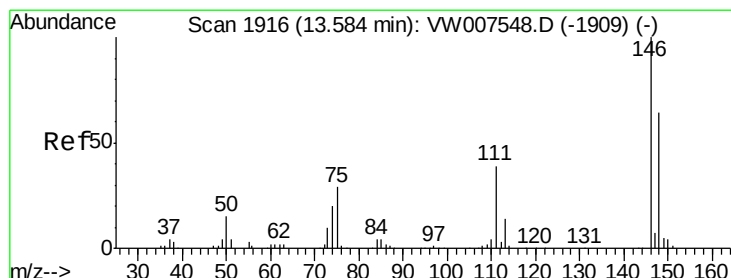
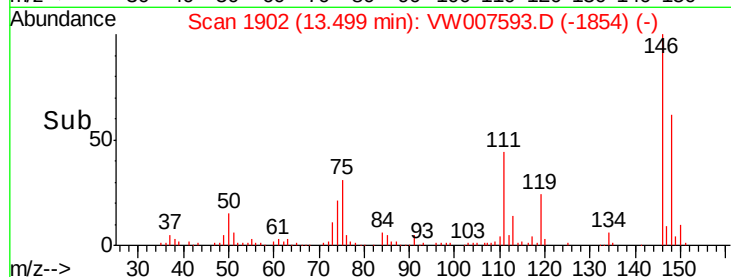
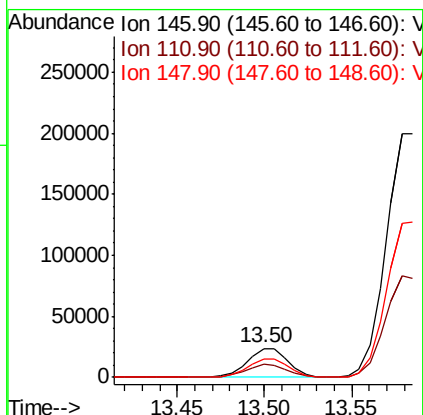
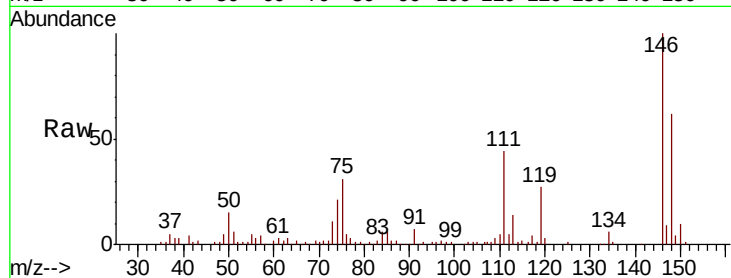




#87
 1,3-Dichlorobenzene
 Concen: 139.675 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

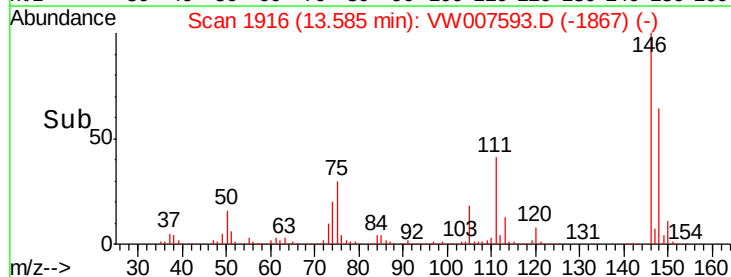
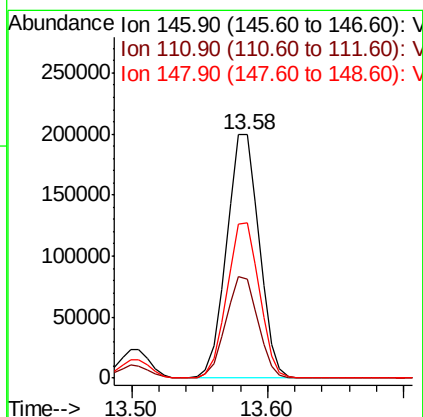
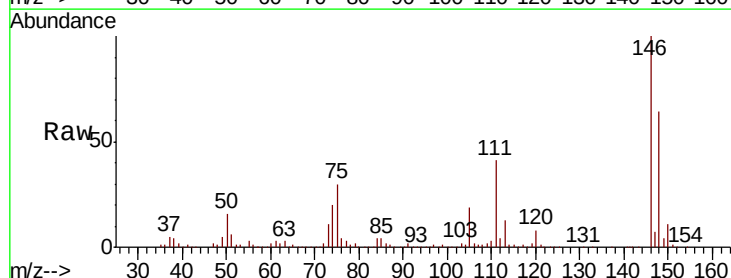
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0612-01

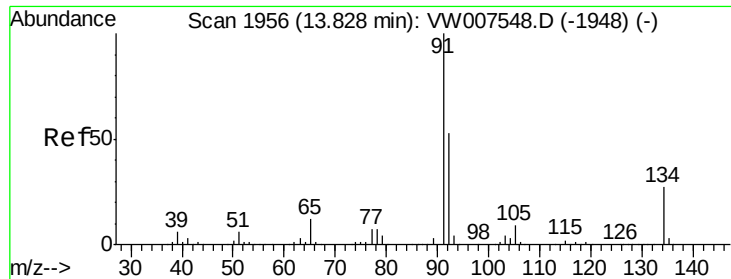
Tgt Ion:146 Resp: 38142
 Ion Ratio Lower Upper
 146 100
 111 43.7 20.1 60.3
 148 63.7 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 1210.776 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

Tgt Ion:146 Resp: 332397
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.3 61.0
 148 63.5 33.5 100.5





#89

n-Butylbenzene

Concen: 10.052 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0612-01

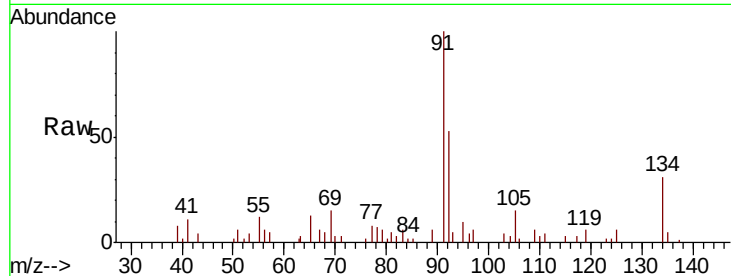
Tgt Ion: 91 Resp: 5228

Ion Ratio Lower Upper

91 100

92 63.6 25.7 77.1

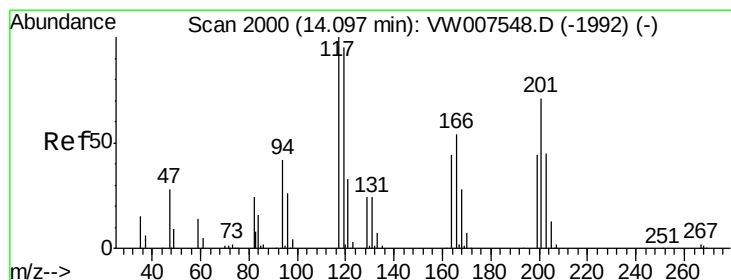
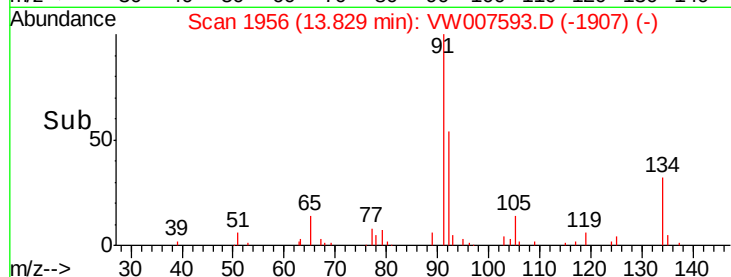
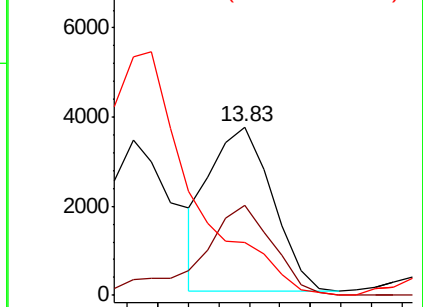
134 0.0 13.4 40.2#



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): VW



#90

Hexachloroethane

Concen: 30.082 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007593.D

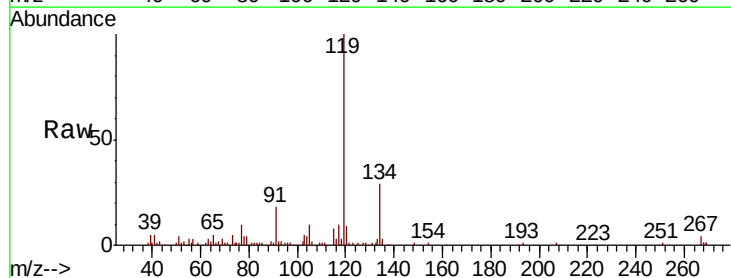
Acq: 15 Dec 2018 20:02

Tgt Ion: 117 Resp: 3003

Ion Ratio Lower Upper

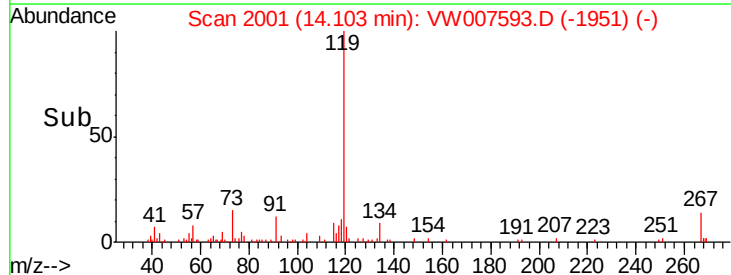
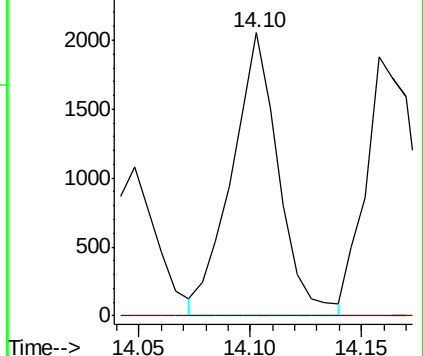
117 100

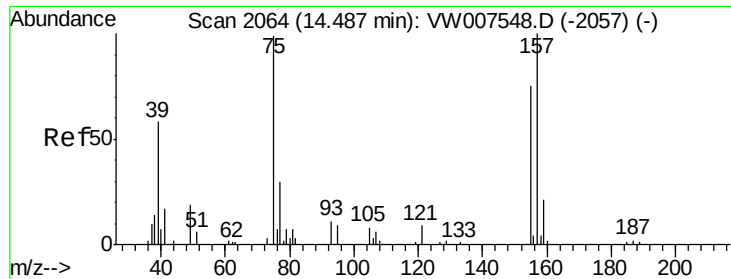
201 0.0 35.3 105.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 11.489 ug/l

RT: 14.47 min Scan# 2061

Delta R.T. -0.02 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0612-01

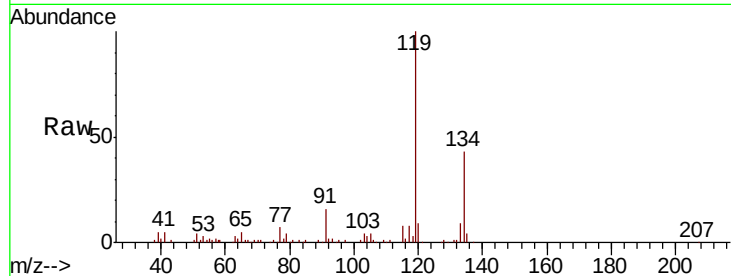
Tgt Ion: 75 Resp: 211

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.2#

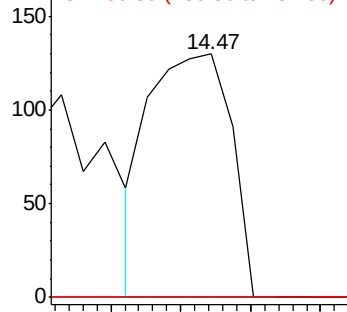
157 0.0 51.1 153.4#



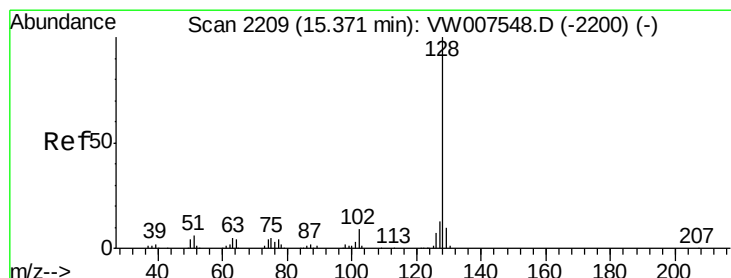
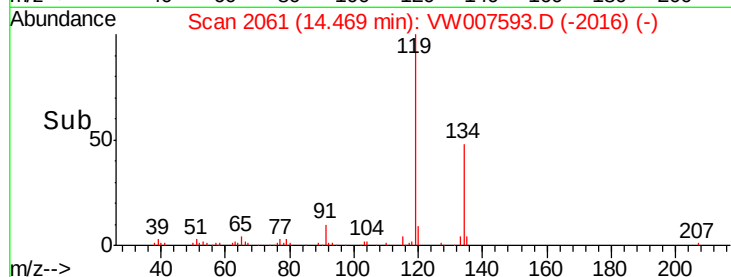
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->



#95

Naphthalene

Concen: 52.080 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

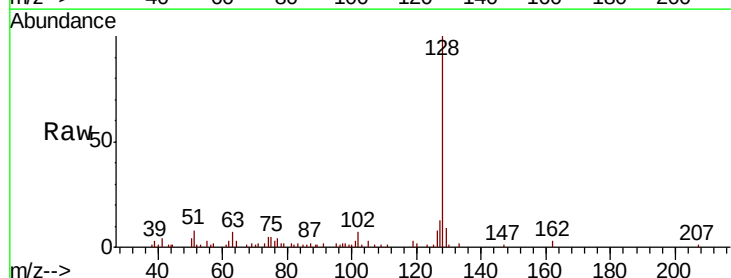
Tgt Ion: 128 Resp: 16770

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

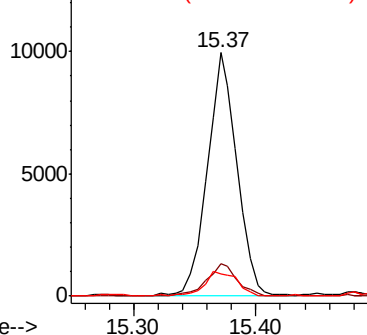
129 11.4 8.3 12.5



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



Time-->

