

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007592.D
 Acq On : 15 Dec 2018 19:36
 Operator : SY/AP
 Sample : J6378-06
 Misc : 2.63G/5ML/MSVOA_W/SOIL
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0006-01

Quant Time: Dec 15 20:26:26 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	35625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	58935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	34236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8705	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	29960	75.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.60%	
35) Dibromofluoromethane	7.88	113	23513	65.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.82%	
50) Toluene-d8	10.32	98	62001	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
62) 4-Bromofluorobenzene	12.62	95	13602	27.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.32%	

Target Compounds						Qvalue
11) Tert butyl alcohol	5.43	59	138	5.084	ug/l #	1
15) Acrylonitrile	5.43	53	13595	187.311	ug/l #	40
16) Acetone	4.12	43	10014	145.057	ug/l	94
20) Methylene Chloride	4.92	84	3311	5.265	ug/l #	64
25) 2-Butanone	7.17	43	5725	63.523	ug/l	92
31) Cyclohexane	7.95	56	40897	66.609	ug/l	97
36) 1,1-Dichloropropene	7.95	75	2683	4.990	ug/l #	73
37) Ethyl Acetate	7.17	43	5725	28.630	ug/l #	66
38) Carbon Tetrachloride	7.95	117	3809	6.511	ug/l #	13
39) Methylcyclohexane	9.34	83	62504	96.011	ug/l	91
40) Benzene	8.32	78	8700	5.831	ug/l	99
41) Methacrylonitrile	7.69	41	143	1.256	ug/l #	26
43) Isopropyl Acetate	8.42	43	2516	6.370	ug/l #	50
45) 1,2-Dichloropropane	9.34	63	720	2.085	ug/l #	1
48) Methyl methacrylate	9.52	41	1248	6.152	ug/l #	53
52) Toluene	10.39	92	1398	1.448	ug/l	89
55) 1,1,2-Trichloroethane	10.76	97	2241	8.398	ug/l #	21
56) Ethyl methacrylate	10.67	69	873	2.722	ug/l #	22
59) 2-Hexanone	10.94	43	980	7.875	ug/l #	24
65) Chlorobenzene	11.66	112	112685	157.913	ug/l	94
67) Ethyl Benzene	11.83	91	442486	360.667	ug/l #	60
68) m/p-Xylenes	11.83	106	214499	449.733	ug/l	100
69) o-Xylene	12.17	106	541	1.215	ug/l	95
73) Isopropylbenzene	12.47	105	7533	11.294	ug/l	98
74) N-amyl acetate	12.24	43	947	7.812	ug/l #	38
76) 1,2,3-Trichloropropane	12.62	75	7306	101.790	ug/l #	1
78) n-propylbenzene	12.81	91	12050	16.053	ug/l	98
79) 2-Chlorotoluene	12.86	91	1321	2.908	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.94	105	7935	14.158	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.62	75	7306	224.855	ug/l #	7
82) 4-Chlorotoluene	12.95	91	926	1.934	ug/l #	43
84) 1,2,4-Trimethylbenzene	13.26	105	78815	136.657	ug/l	99
85) sec-Butylbenzene	13.26	105	78815	116.910	ug/l #	54
86) p-Isopropyltoluene	13.50	119	1576	2.602	ug/l	92

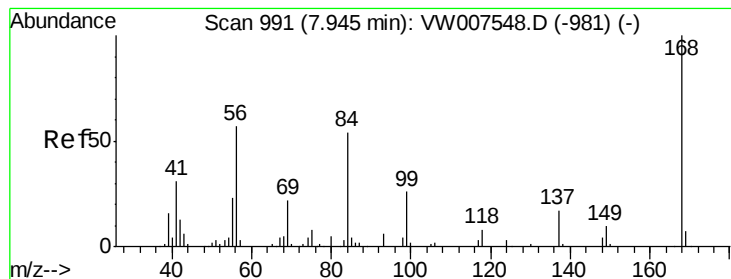
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
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QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	13.51	146	18938	64.244	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	144733	488.378	ug/l	97
89) n-Butylbenzene	13.83	91	1295	2.307	ug/l #	80
90) Hexachloroethane	14.10	117	989	9.178	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.22	75	59	2.976	ug/l #	3
95) Naphthalene	15.38	128	6748	19.413	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

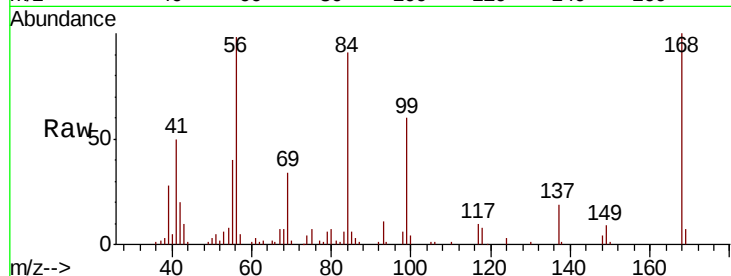
P001-SD010-0006-01

Tgt Ion: 168 Resp: 35625

Ion Ratio Lower Upper

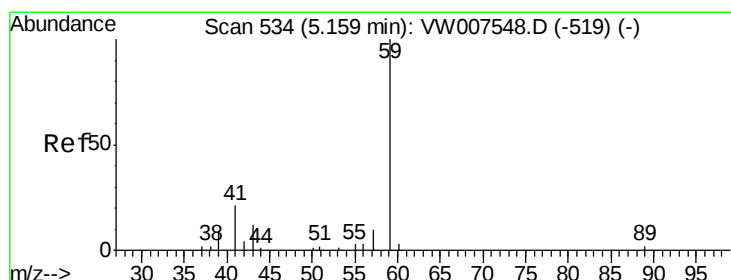
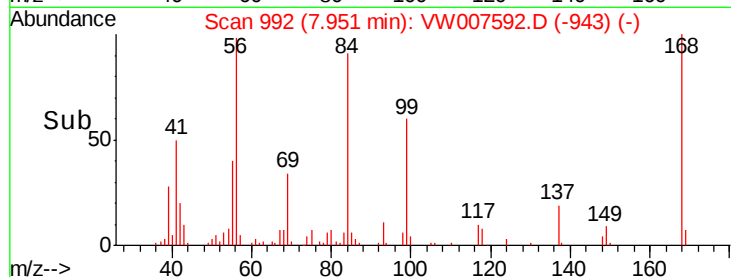
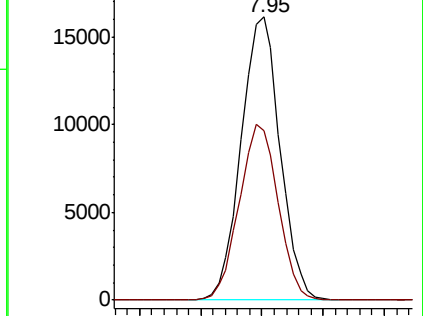
168 100

99 59.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 5.084 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.26 min

Lab File: VW007592.D

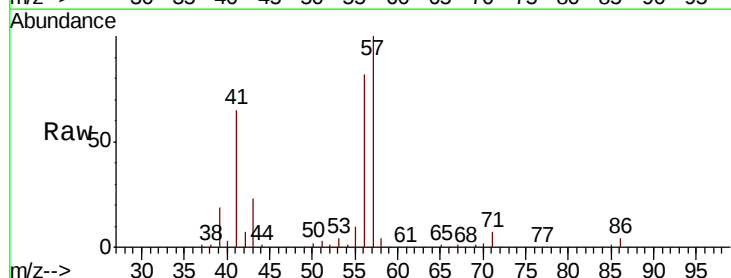
Acq: 15 Dec 2018 19:36

Tgt Ion: 59 Resp: 138

Ion Ratio Lower Upper

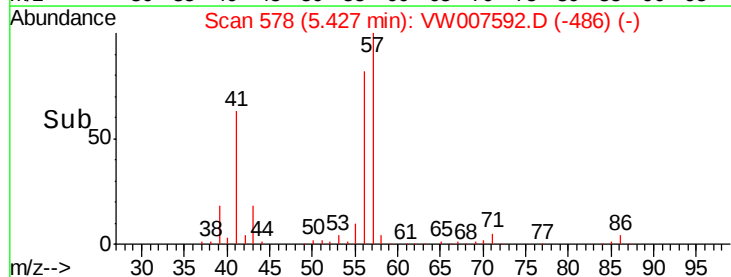
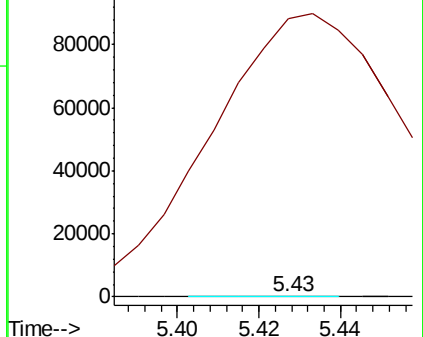
59 100

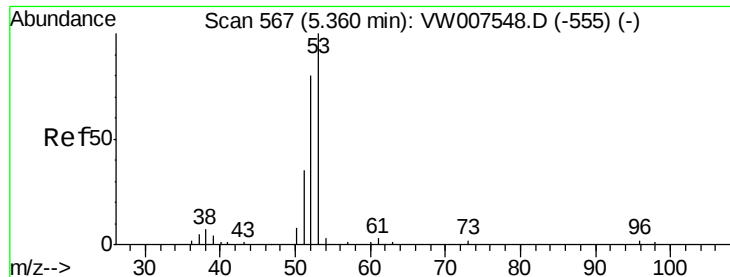
57 149711.6 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#15

Acrylonitrile

Concen: 187.311 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.07 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0006-01

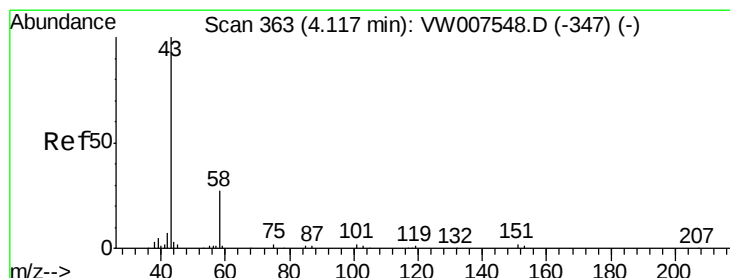
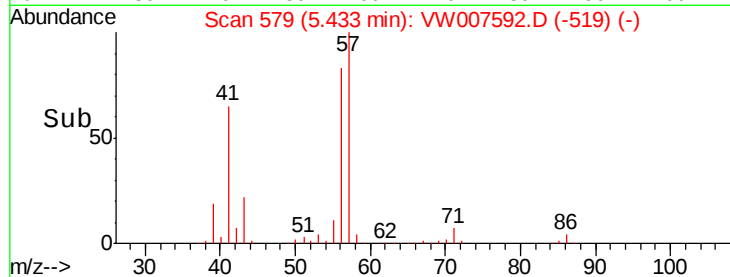
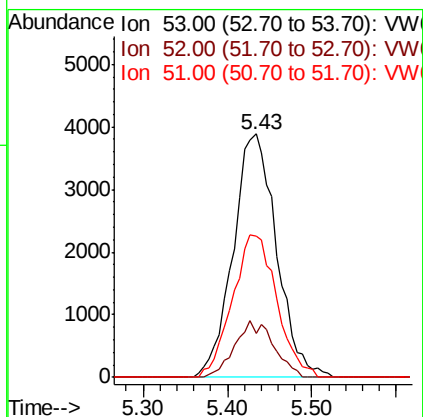
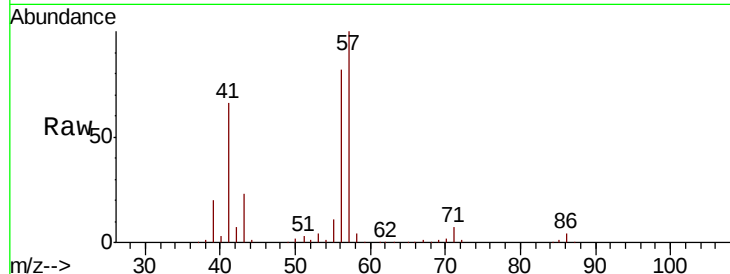
Tgt Ion: 53 Resp: 13595

Ion Ratio Lower Upper

53 100

52 20.6 67.4 101.2#

51 59.8 30.2 45.2#



#16

Acetone

Concen: 145.057 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007592.D

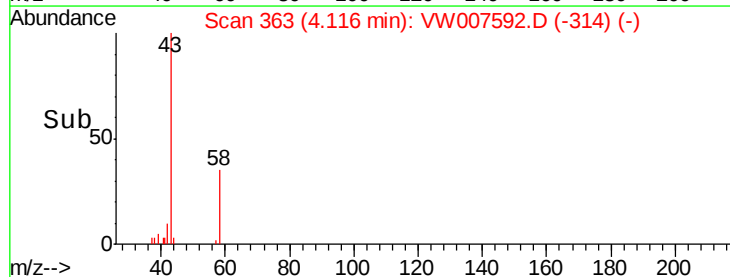
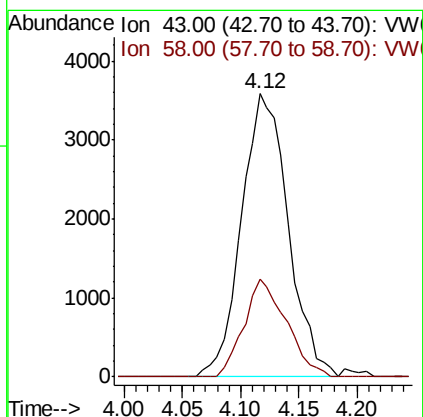
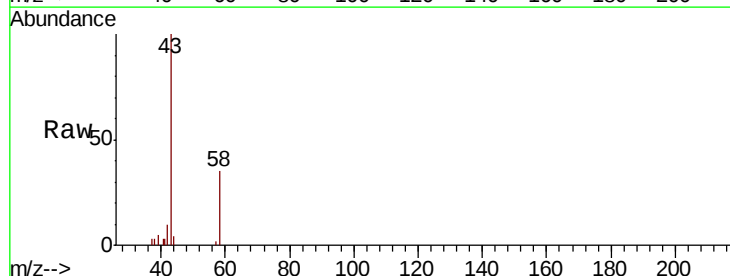
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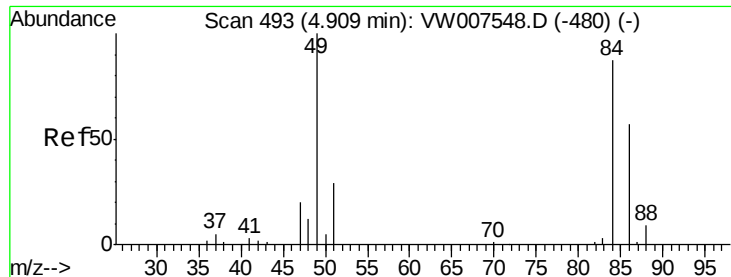
Tgt Ion: 43 Resp: 10014

Ion Ratio Lower Upper

43 100

58 34.5 24.9 37.3

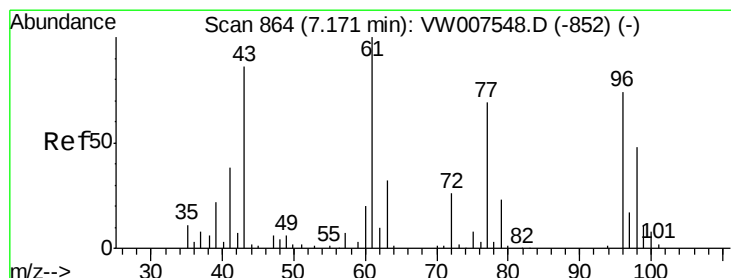
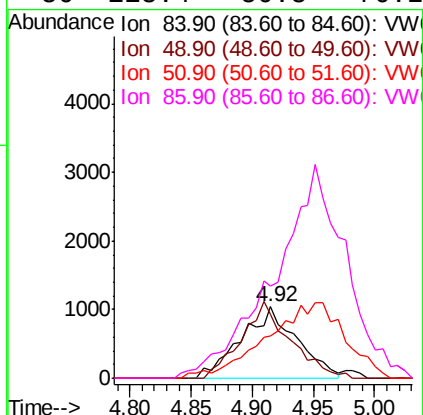
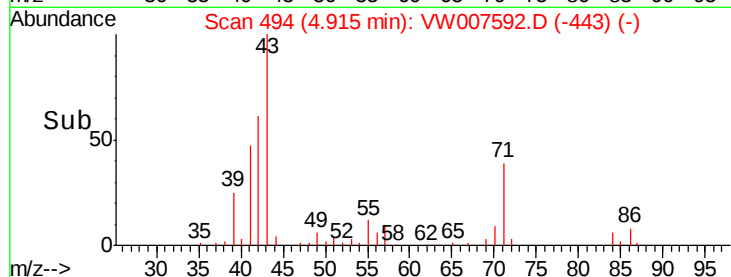
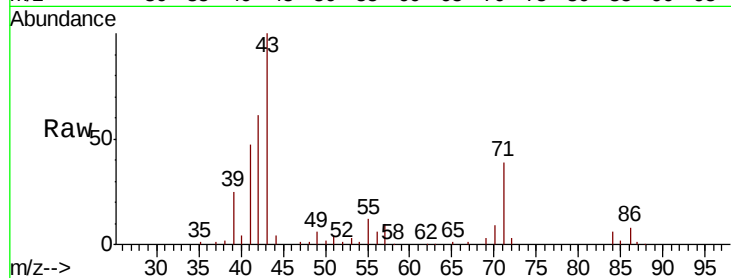




#20
Methylene Chloride
Concen: 5.265 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

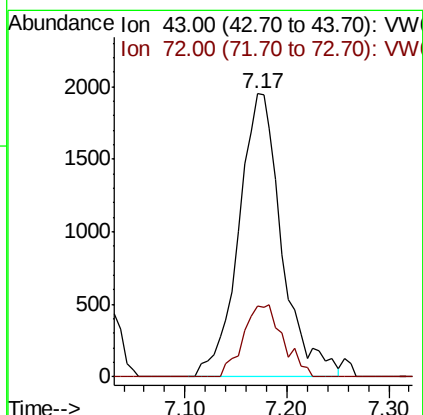
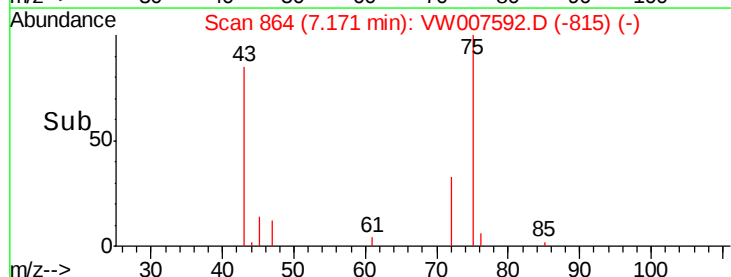
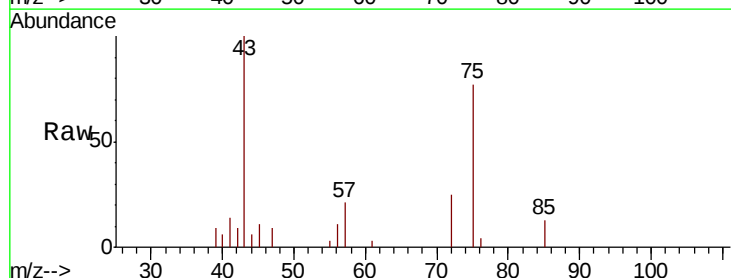
Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0006-01

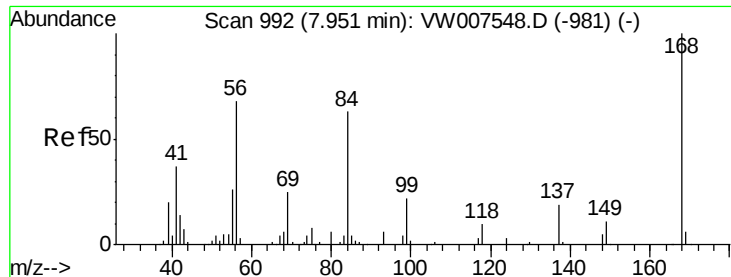
Tgt Ion: 84 Resp: 3311
Ion Ratio Lower Upper
84 100
49 90.5 87.1 130.7
51 51.9 28.2 42.2#
86 118.4 50.8 76.2#



#25
2-Butanone
Concen: 63.523 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

Tgt Ion: 43 Resp: 5725
Ion Ratio Lower Upper
43 100
72 25.2 23.4 35.2

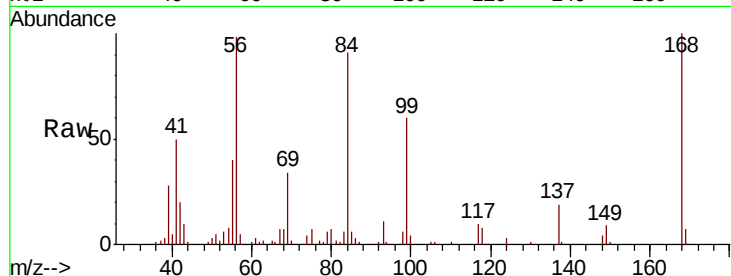




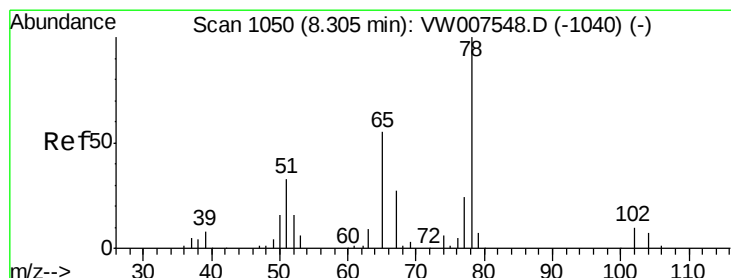
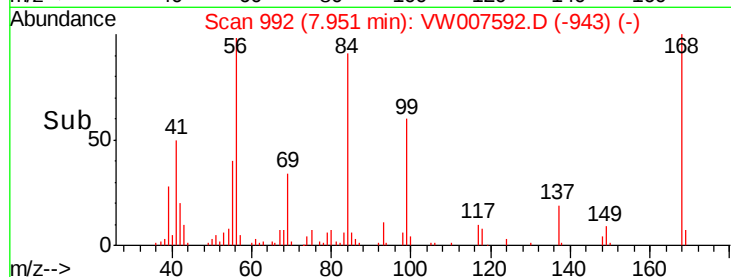
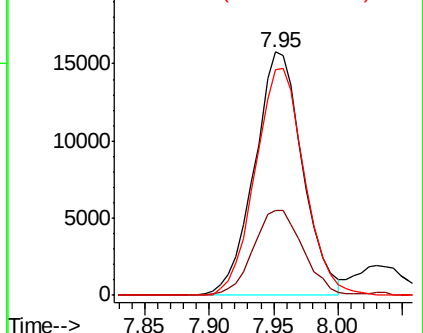
#31
Cyclohexane
Concen: 66.609 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0006-01

Tgt Ion: 56 Resp: 40897
Ion Ratio Lower Upper
56 100
69 35.0 28.9 43.3
84 92.9 71.8 107.6

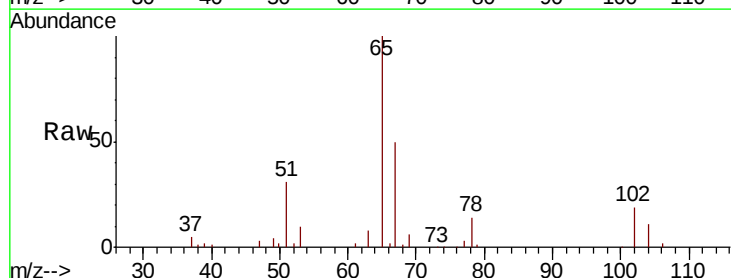


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

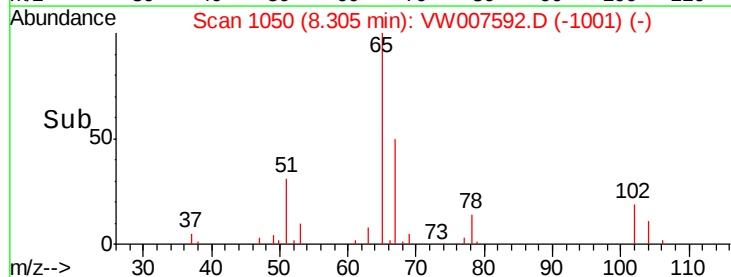
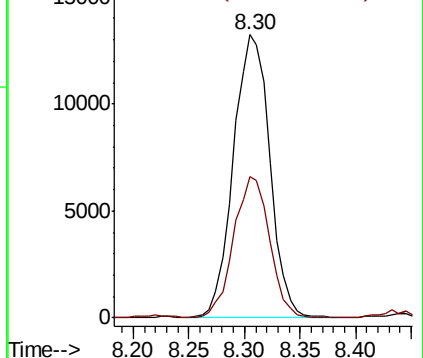


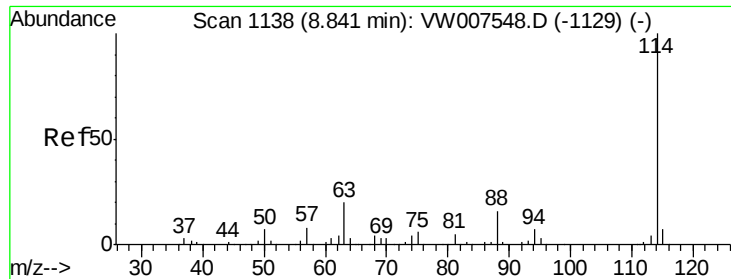
#33
1,2-Dichloroethane-d4
Concen: 75.804 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

Tgt Ion: 65 Resp: 29960
Ion Ratio Lower Upper
65 100
67 49.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

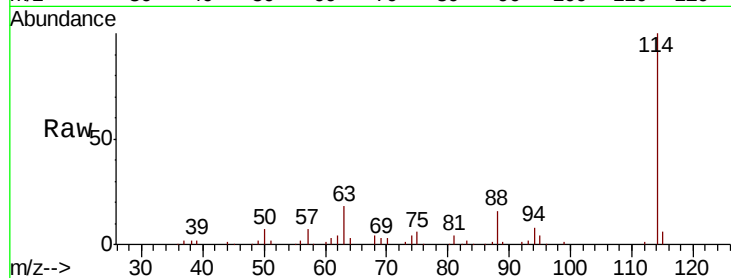




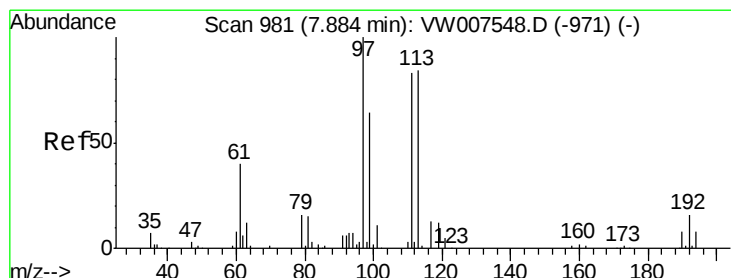
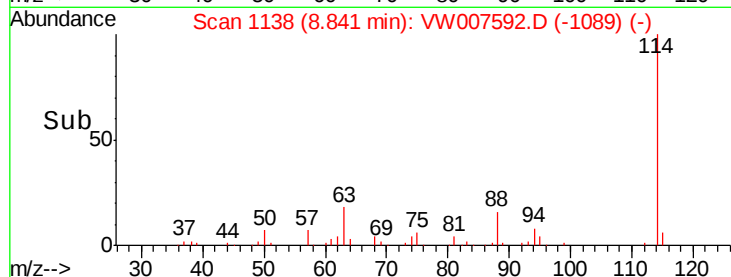
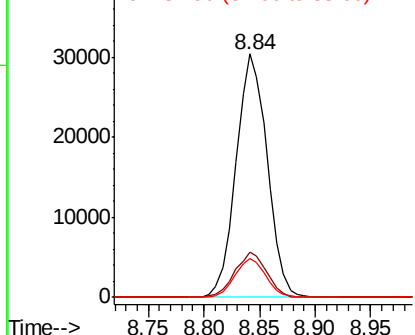
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0006-01

Tgt Ion:114 Resp: 58935
Ion Ratio Lower Upper
114 100
63 18.5 0.0 39.6
88 16.0 0.0 31.4

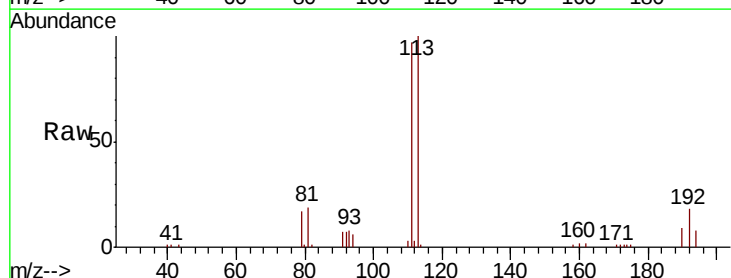


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

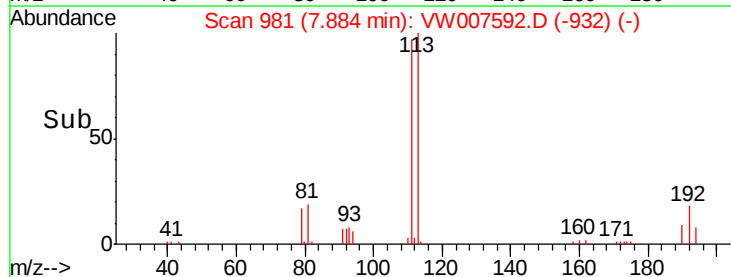
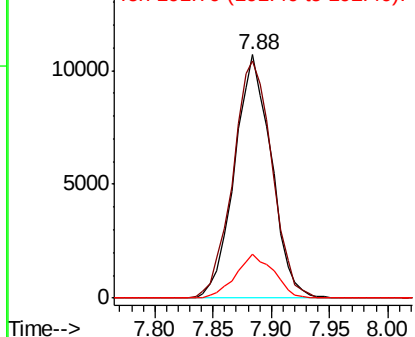


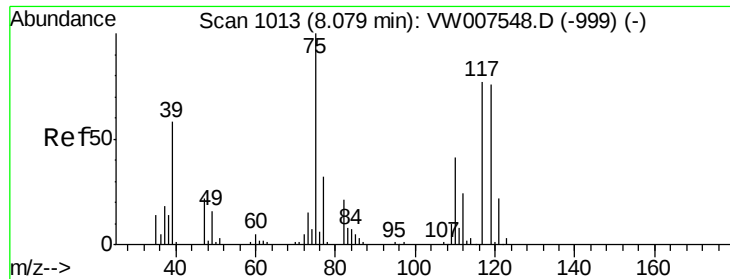
#35
Dibromofluoromethane
Concen: 65.908 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

Tgt Ion:113 Resp: 23513
Ion Ratio Lower Upper
113 100
111 104.0 81.1 121.7
192 18.6 14.6 21.8



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





#36

1,1-Dichloropropene

Concen: 4.990 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

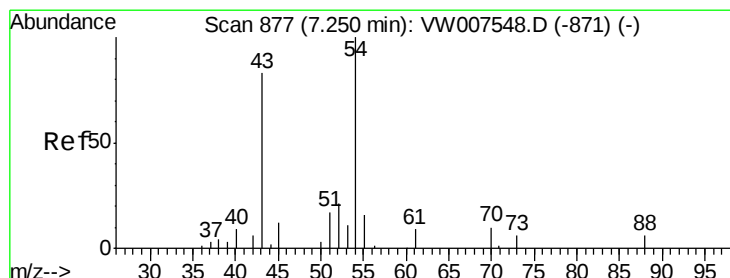
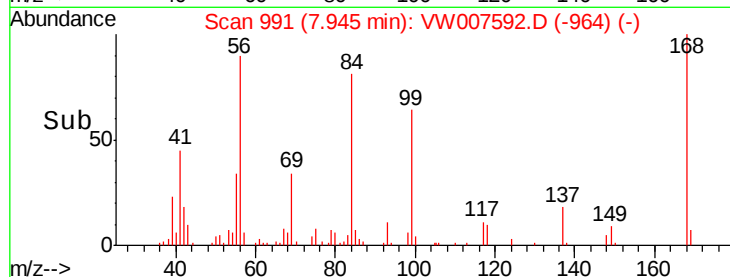
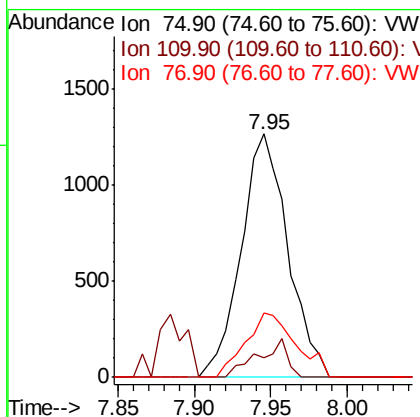
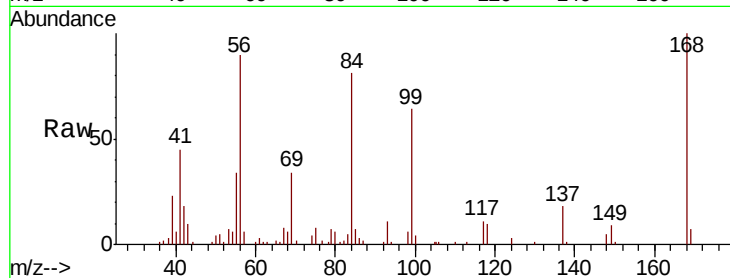
Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0006-01

Tgt Ion:	75	Resp:	2683
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.5	55.5#
77	28.3	25.6	38.4



#37

Ethyl Acetate

Concen: 28.630 ug/l

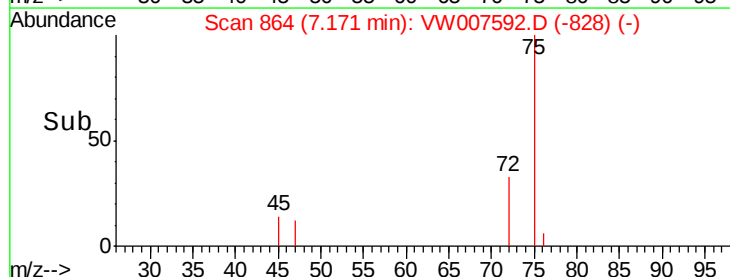
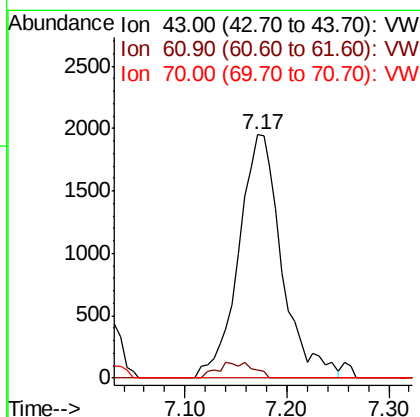
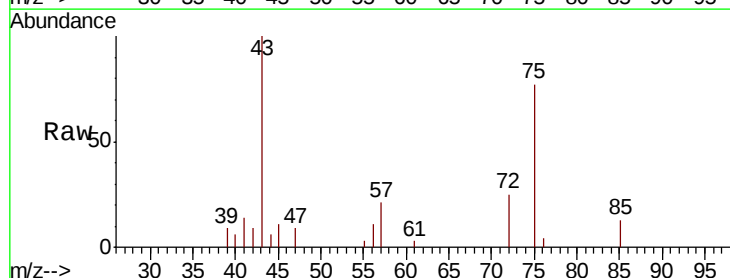
RT: 7.17 min Scan# 864

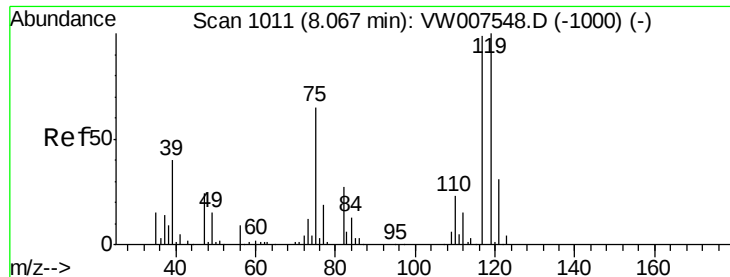
Delta R.T. -0.08 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

Tgt Ion:	43	Resp:	5725
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	10.0	15.0#

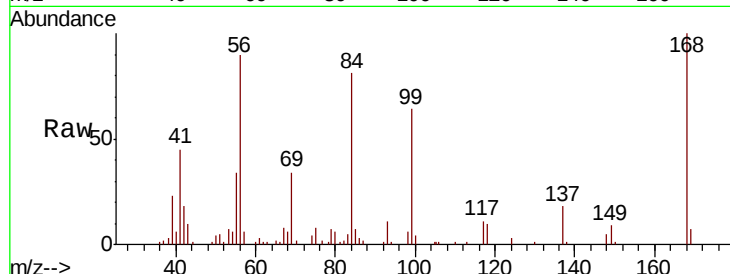




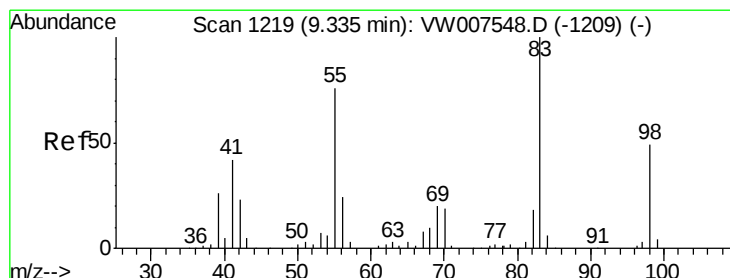
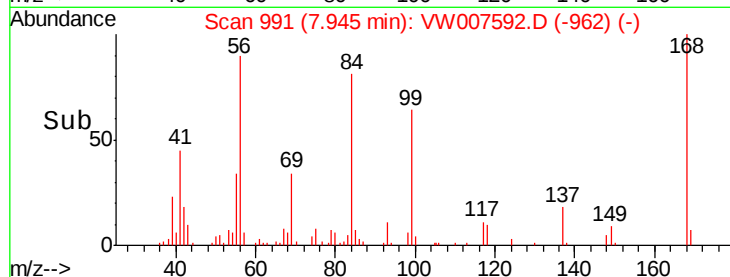
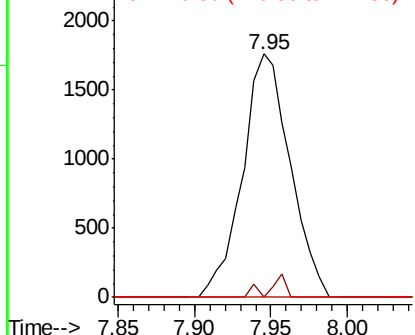
#38
Carbon Tetrachloride
Concen: 6.511 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0006-01

Tgt Ion: 117 Resp: 3809
Ion Ratio Lower Upper
117 100
119 0.0 74.3 111.5#
121 0.0 24.3 36.5#

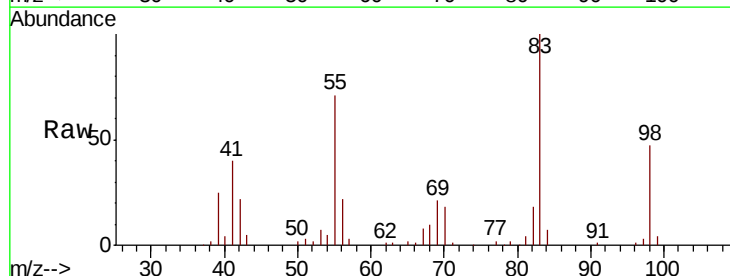


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

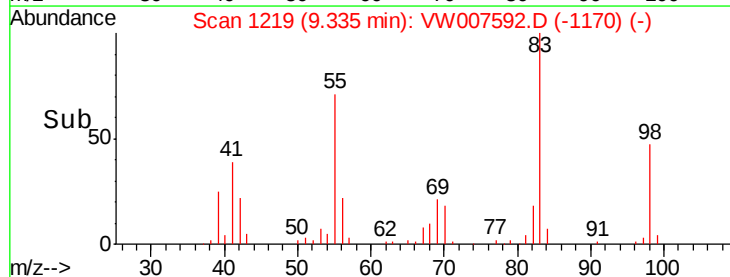
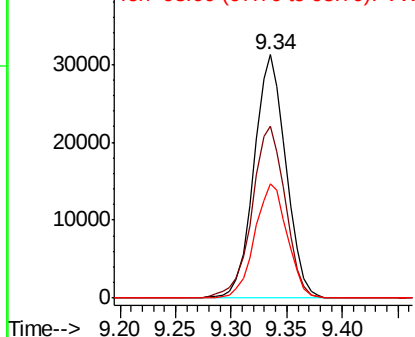


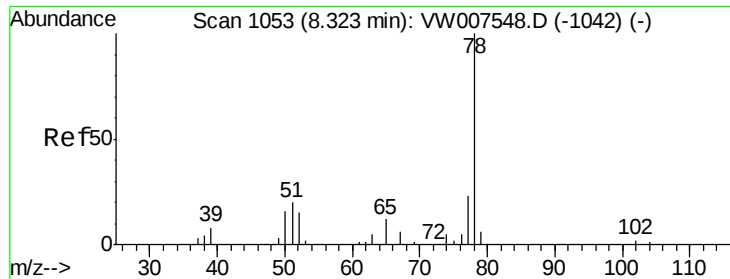
#39
Methylcyclohexane
Concen: 96.011 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

Tgt Ion: 83 Resp: 62504
Ion Ratio Lower Upper
83 100
55 70.7 62.8 94.2
98 47.1 42.2 63.2



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: 5.831 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

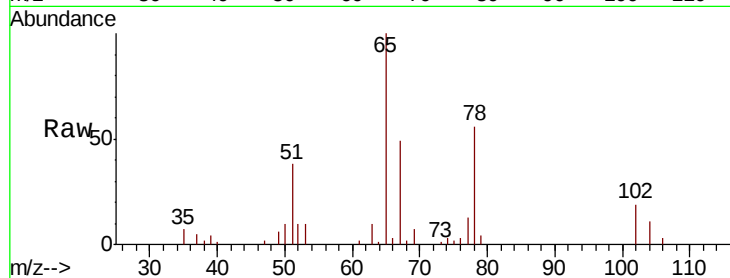
P001-SD010-0006-01

Tgt Ion: 78 Resp: 8700

Ion Ratio Lower Upper

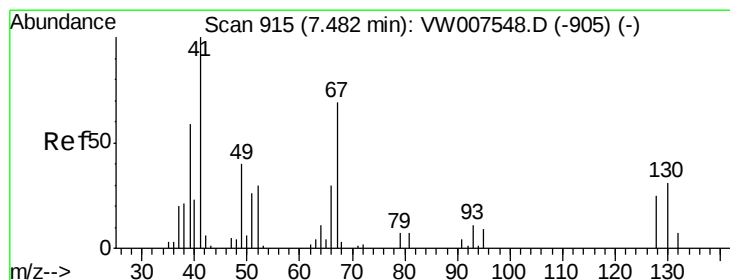
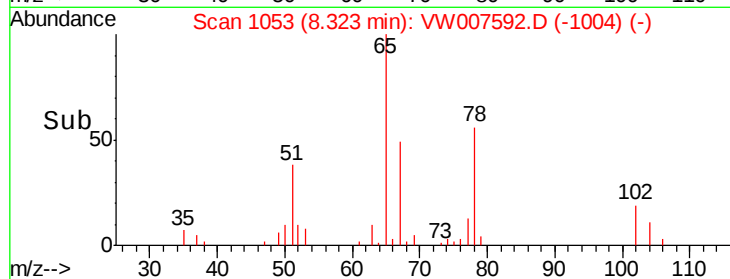
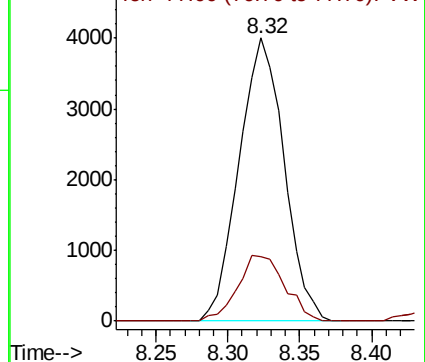
78 100

77 22.9 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



#41

Methacrylonitrile

Concen: 1.256 ug/l

RT: 7.69 min Scan# 949

Delta R.T. 0.21 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

Tgt Ion: 41 Resp: 143

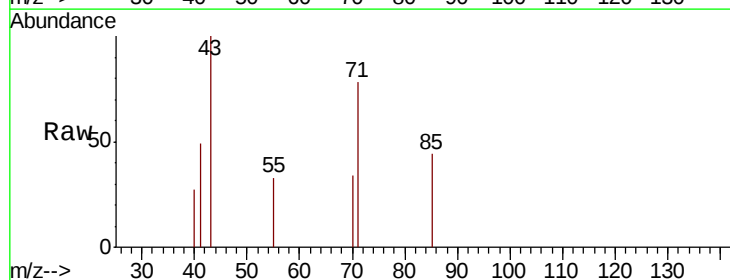
Ion Ratio Lower Upper

41 100

39 14.0 52.2 78.2#

67 0.0 60.5 90.7#

52 0.0 25.3 37.9#

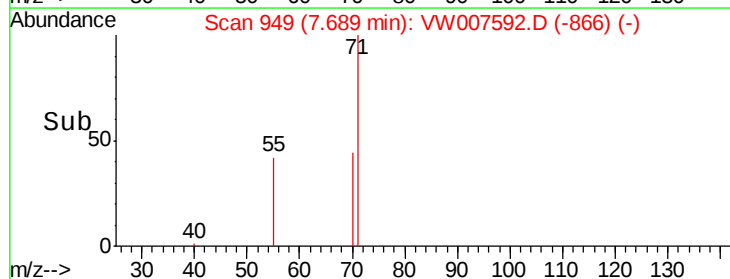
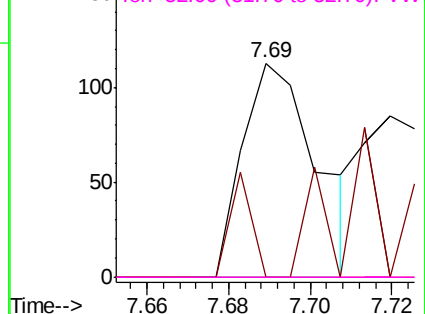


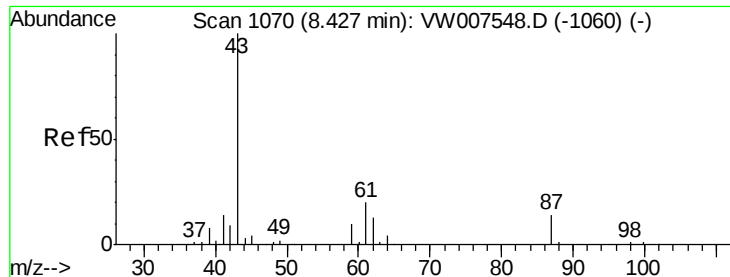
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW





#43

Isopropyl Acetate

Concen: 6.370 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0006-01

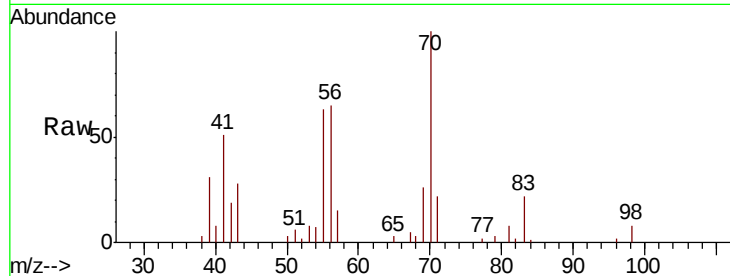
Tgt Ion: 43 Resp: 2516

Ion Ratio Lower Upper

43 100

61 0.0 25.3 37.9#

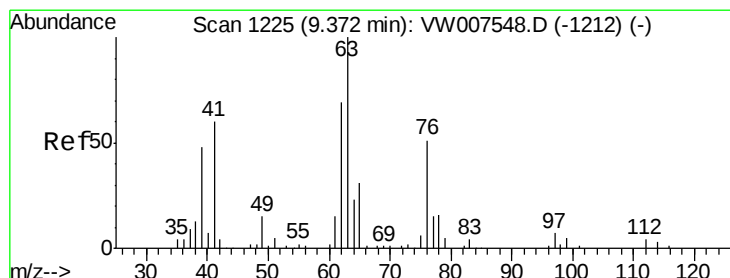
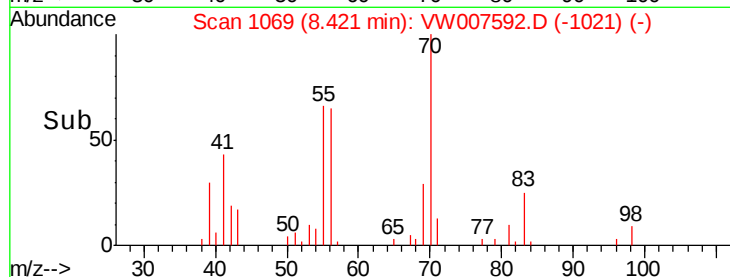
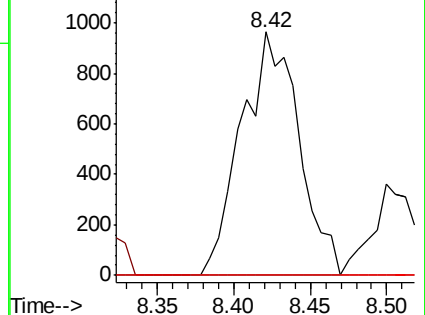
87 0.0 11.8 17.8#



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: 2.085 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.03 min

Lab File: VW007592.D

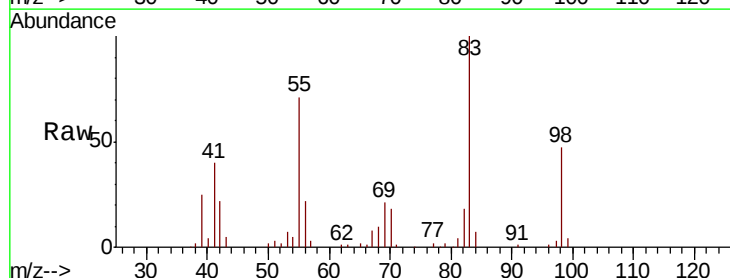
Acq: 15 Dec 2018 19:36

Tgt Ion: 63 Resp: 720

Ion Ratio Lower Upper

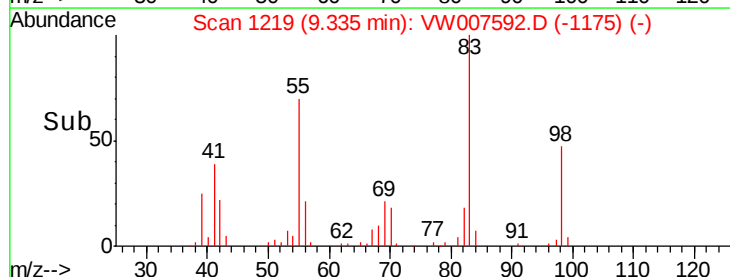
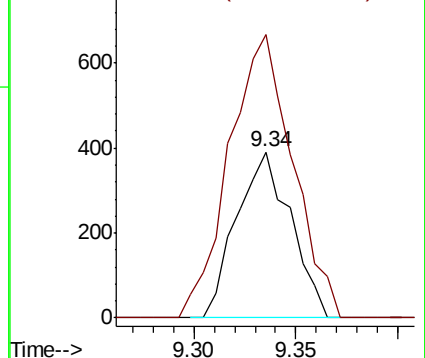
63 100

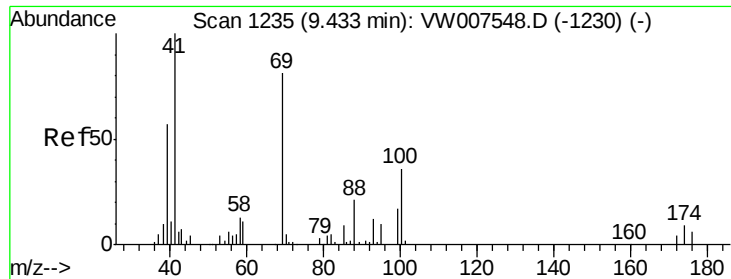
65 170.6 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

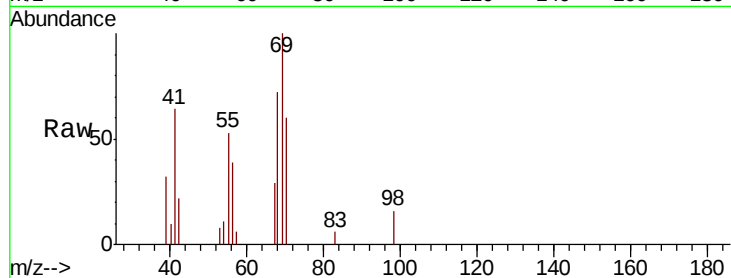




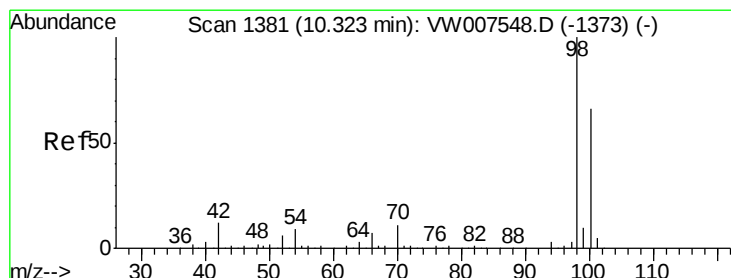
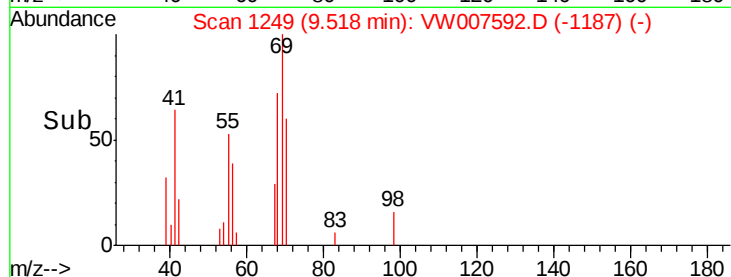
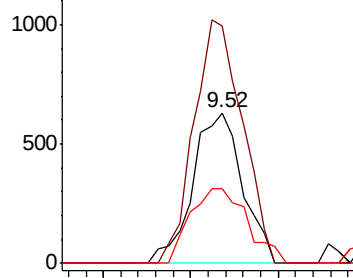
#48
Methyl methacrylate
Concen: 6.152 ug/l
RT: 9.52 min Scan# 1249
Delta R.T. 0.08 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0006-01

Tgt Ion: 41 Resp: 1248
Ion Ratio Lower Upper
41 100
69 157.5 69.8 104.8#
39 57.2 50.9 76.3

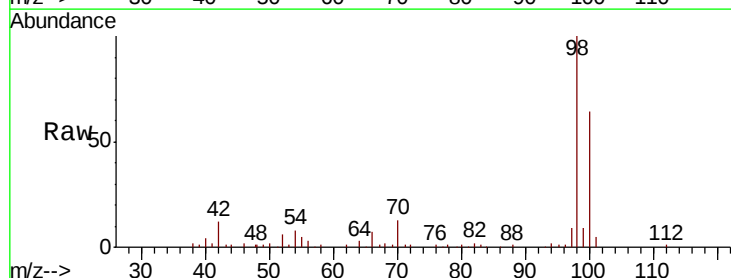


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

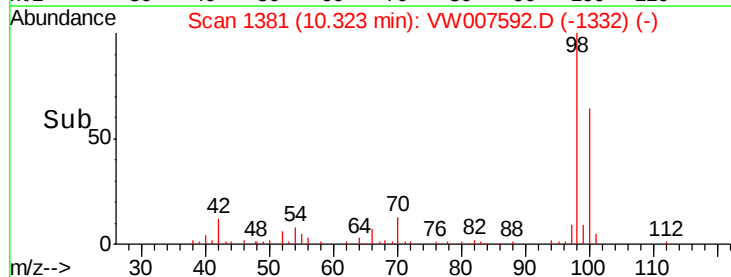
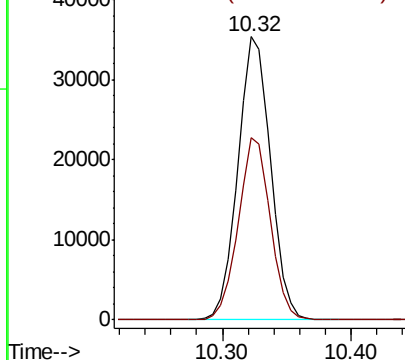


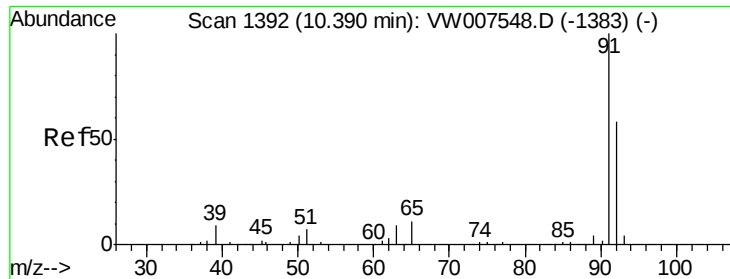
#50
Toluene-d8
Concen: 46.351 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

Tgt Ion: 98 Resp: 62001
Ion Ratio Lower Upper
98 100
100 63.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.448 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

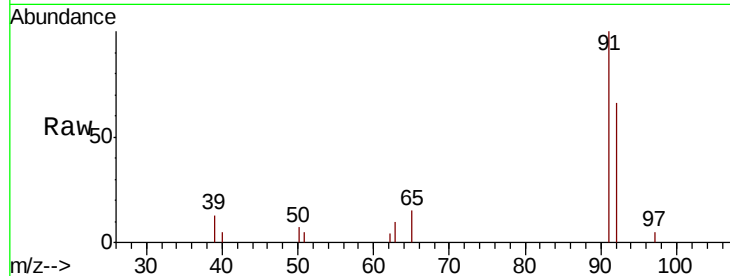
P001-SD010-0006-01

Tgt Ion: 92 Resp: 1398

Ion Ratio Lower Upper

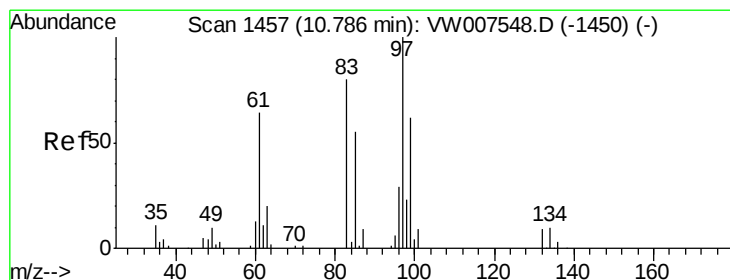
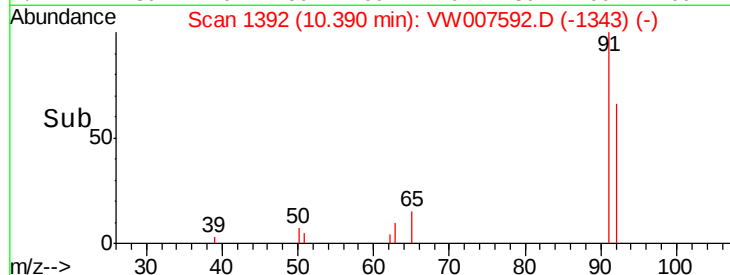
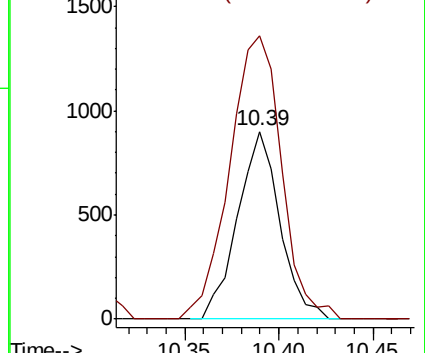
92 100

91 185.2 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#55

1,1,2-Trichloroethane

Concen: 8.398 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.04 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

Tgt Ion: 97 Resp: 2241

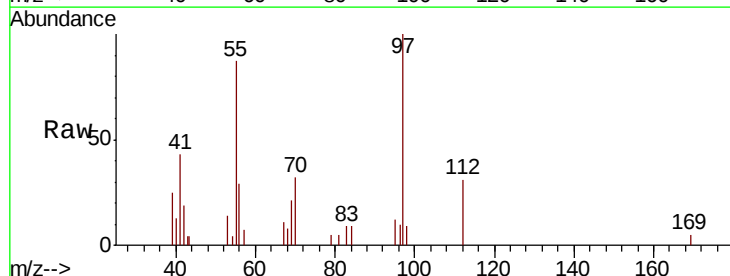
Ion Ratio Lower Upper

97 100

83 8.7 62.1 93.1#

85 0.0 44.2 66.4#

99 0.0 50.2 75.4#

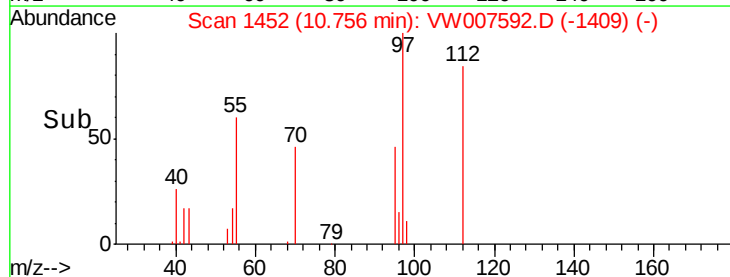
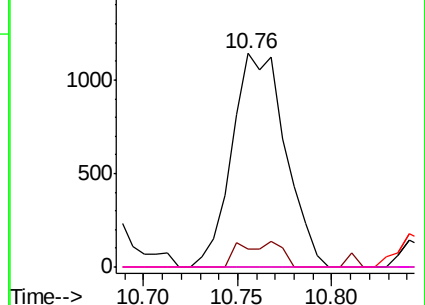


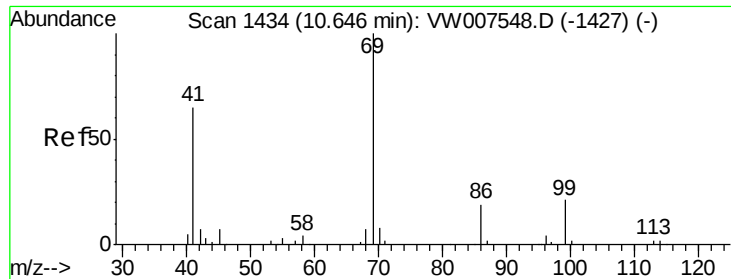
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

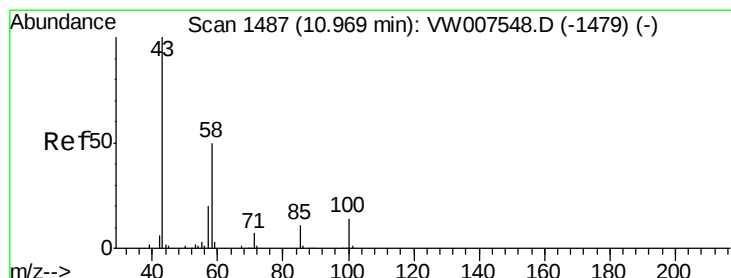
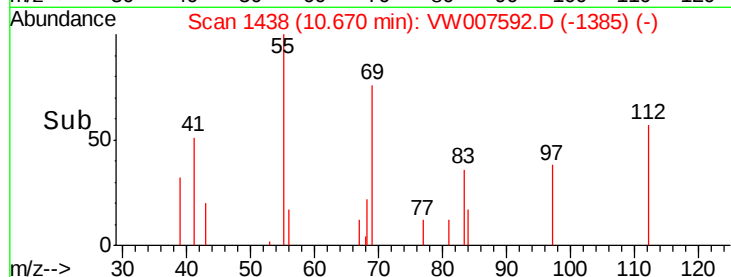
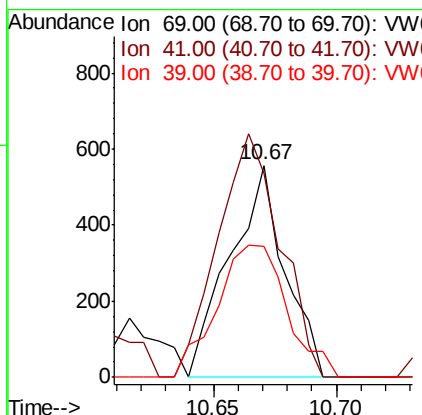
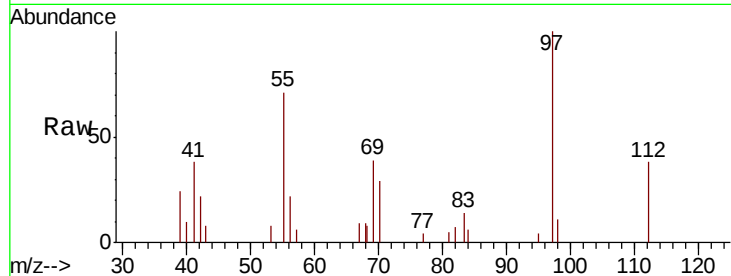




#56
Ethyl methacrylate
Concen: 2.722 ug/l
RT: 10.67 min Scan# 1438
Delta R.T. 0.02 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

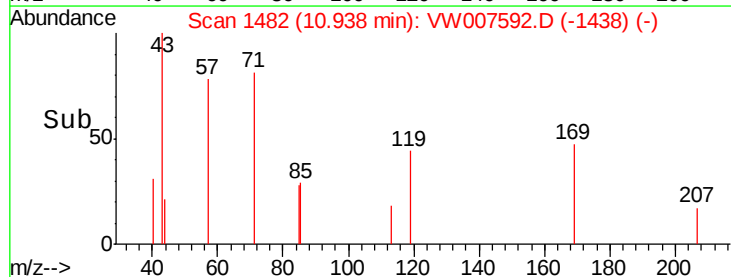
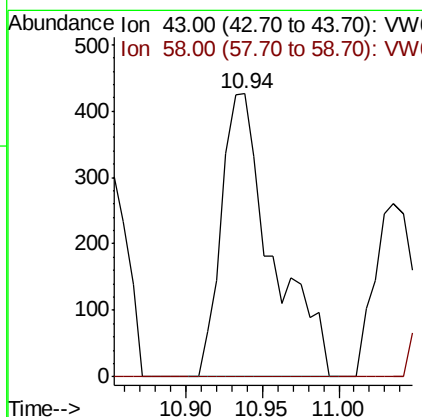
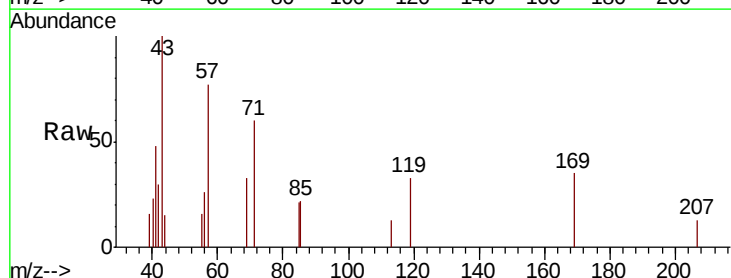
Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0006-01

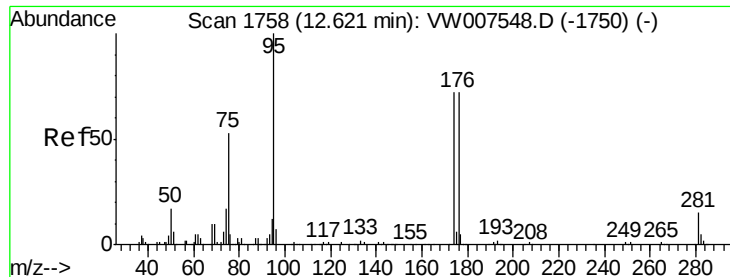
Tgt Ion: 69 Resp: 873
Ion Ratio Lower Upper
69 100
41 129.9 51.0 76.6#
39 79.8 30.8 46.2#



#59
2-Hexanone
Concen: 7.875 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 0.0 27.1 81.3#





#62

4-Bromofluorobenzene

Concen: 27.657 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0006-01

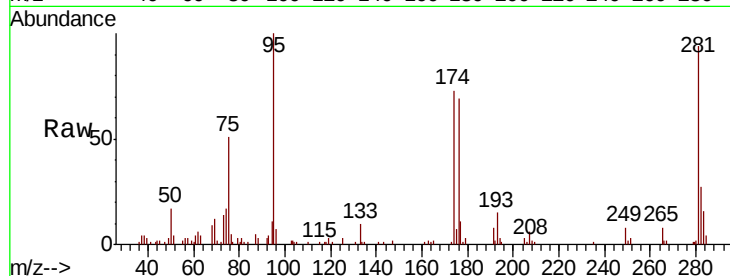
Tgt Ion: 95 Resp: 13602

Ion Ratio Lower Upper

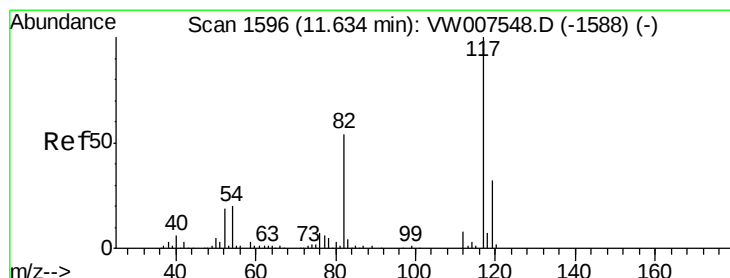
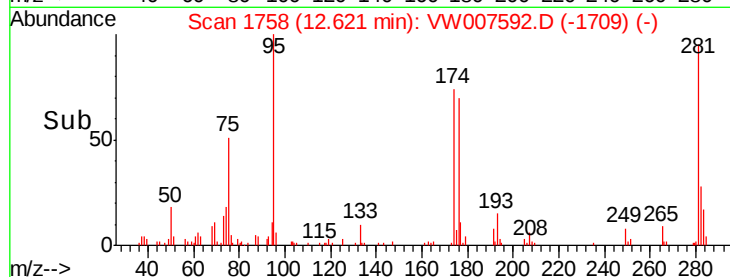
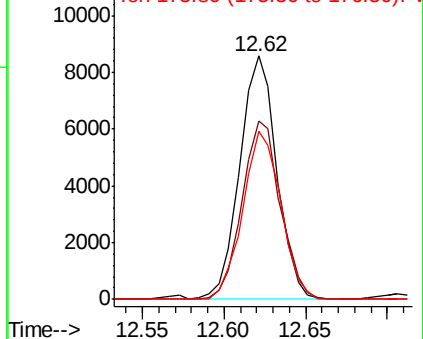
95 100

174 75.5 0.0 147.2

176 70.9 0.0 138.8



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# 1596

Delta R.T. -0.00 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

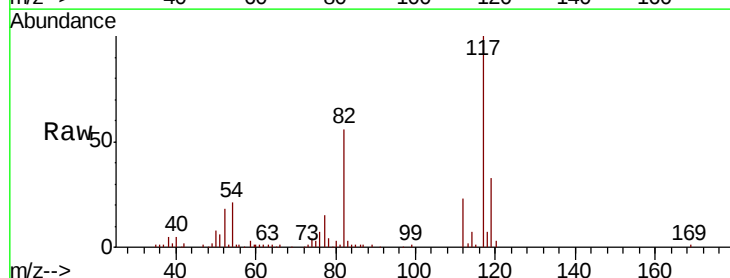
Tgt Ion: 117 Resp: 34236

Ion Ratio Lower Upper

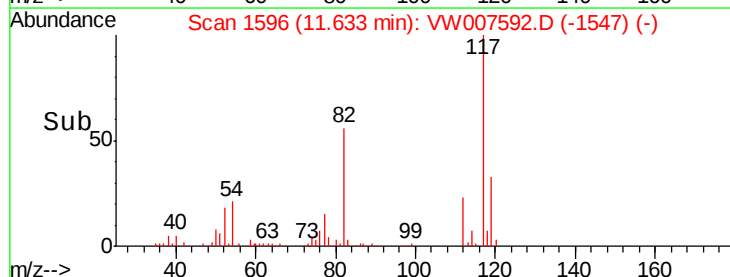
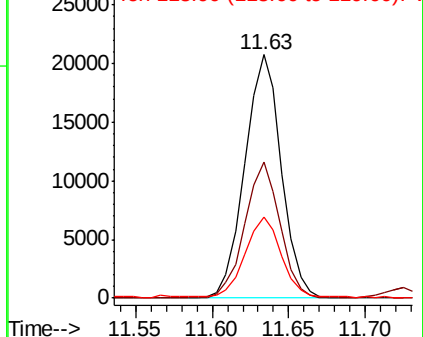
117 100

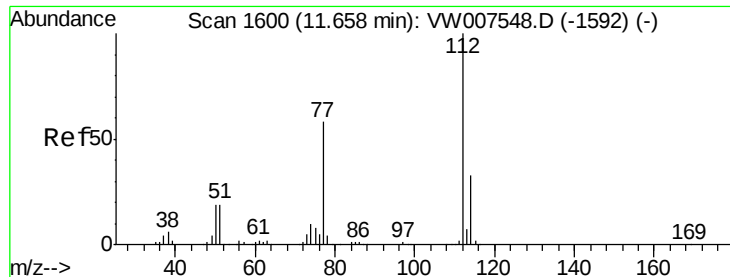
82 55.7 42.3 63.5

119 33.0 23.0 34.6



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

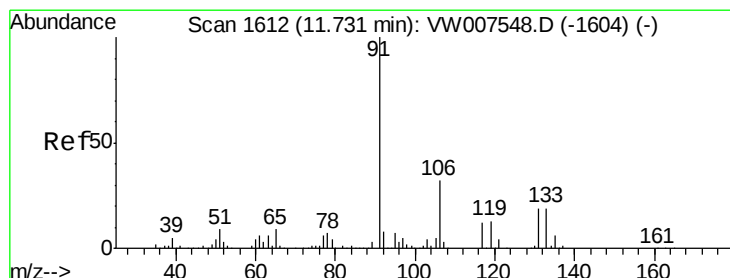
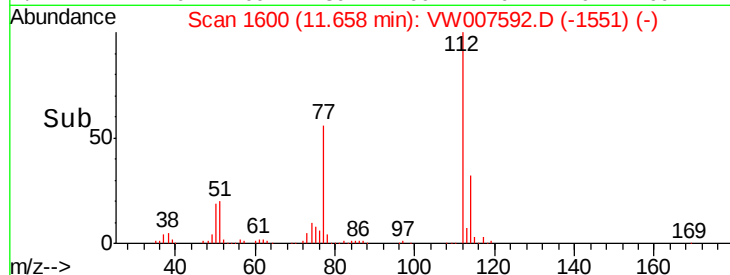
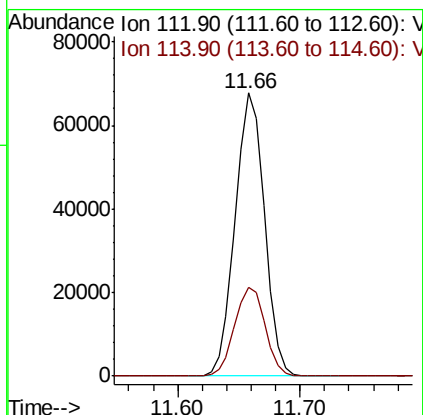
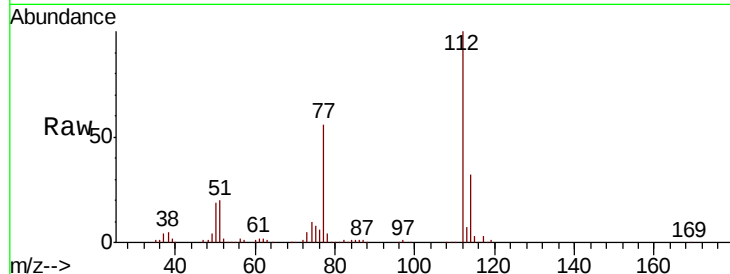




#65
Chlorobenzene
Concen: 157.913 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

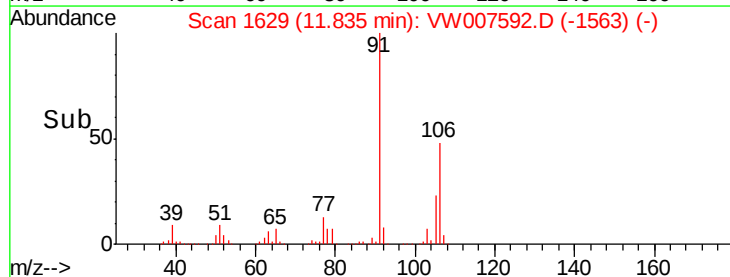
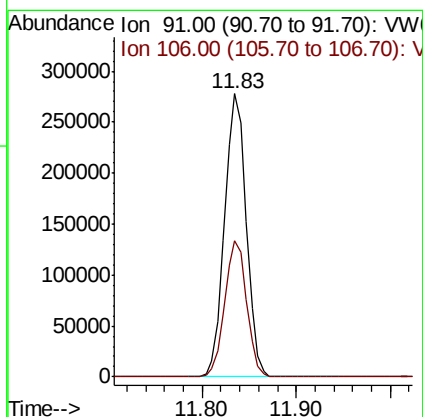
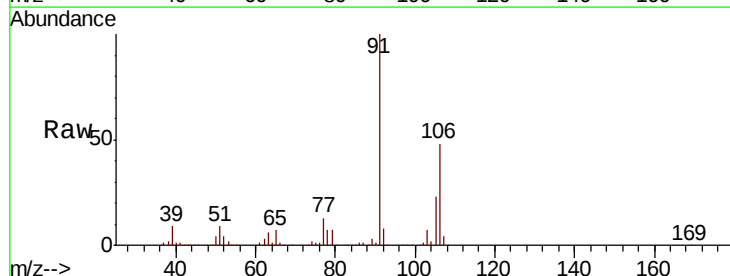
Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0006-01

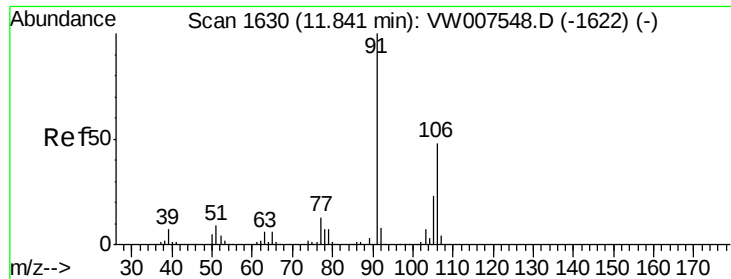
Tgt Ion: 112 Resp: 112685
Ion Ratio Lower Upper
112 100
114 31.6 27.8 41.8



#67
Ethyl Benzene
Concen: 360.667 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.10 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

Tgt Ion: 91 Resp: 442486
Ion Ratio Lower Upper
91 100
106 48.2 21.8 32.8#

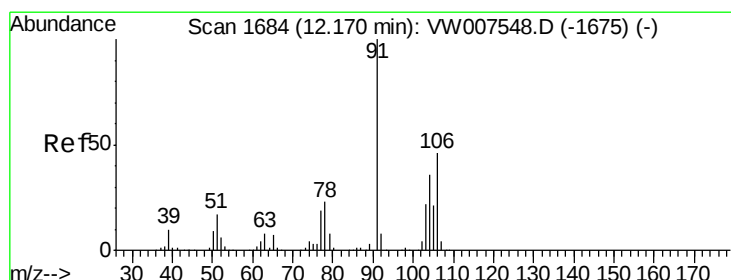
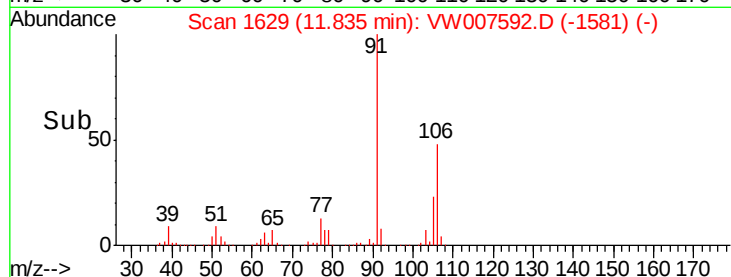
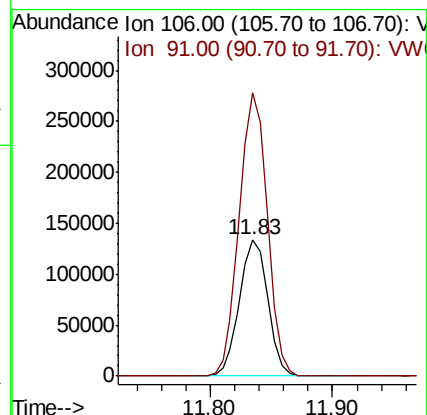
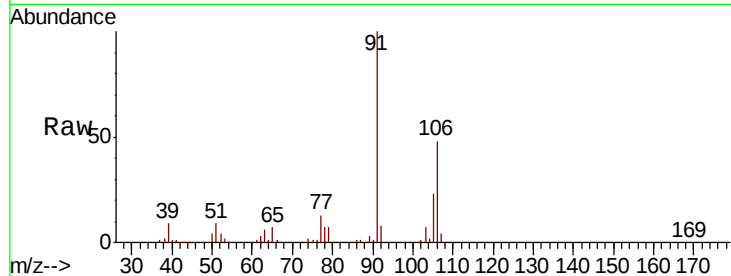




#68
m/p-Xylenes
Concen: 449.733 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

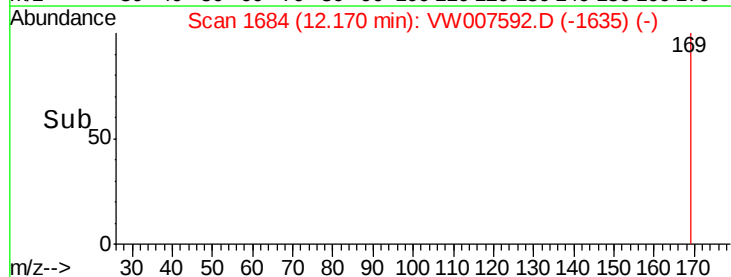
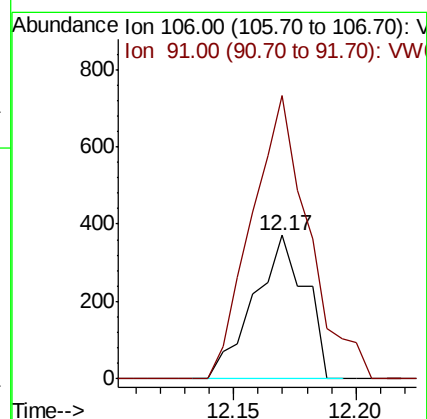
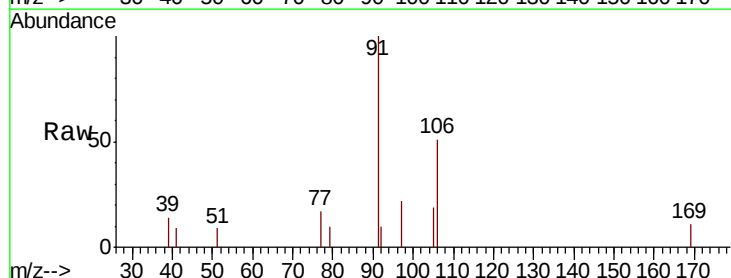
Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0006-01

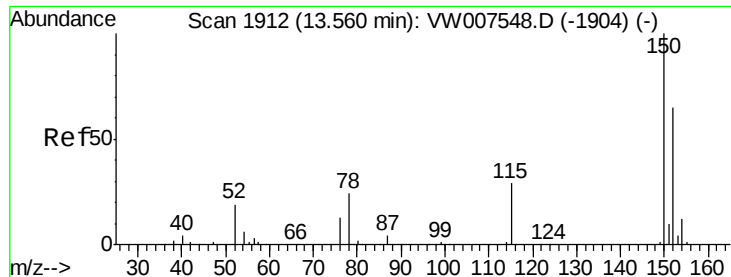
Tgt Ion:106 Resp: 214499
Ion Ratio Lower Upper
106 100
91 206.3 165.3 247.9



#69
o-Xylene
Concen: 1.215 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007592.D
Acq: 15 Dec 2018 19:36

Tgt Ion:106 Resp: 541
Ion Ratio Lower Upper
106 100
91 220.5 106.6 319.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0006-01

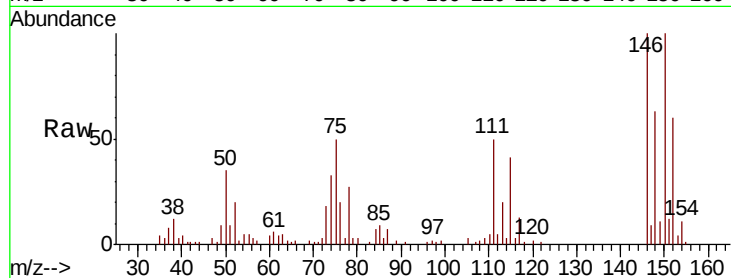
Tgt Ion:152 Resp: 8705

Ion Ratio Lower Upper

152 100

115 76.6 31.4 94.2

150 328.5 0.0 358.4

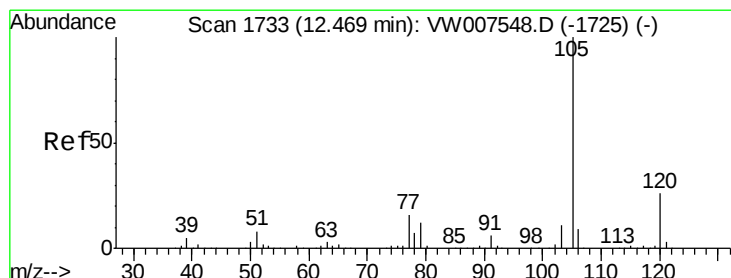
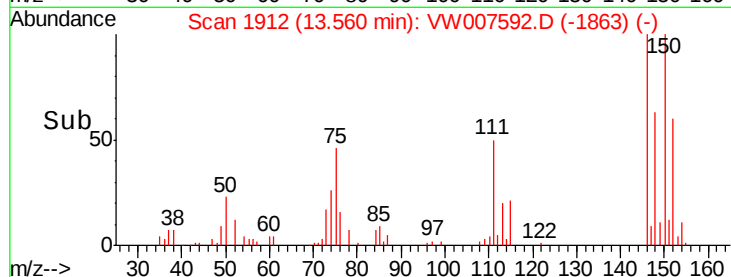
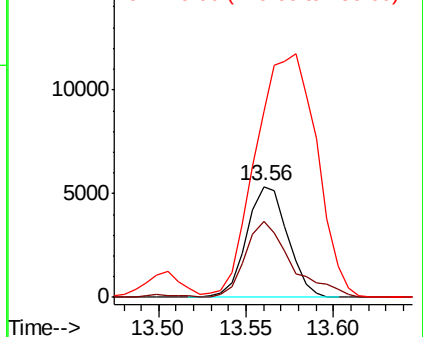


Abundance

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: 11.294 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007592.D

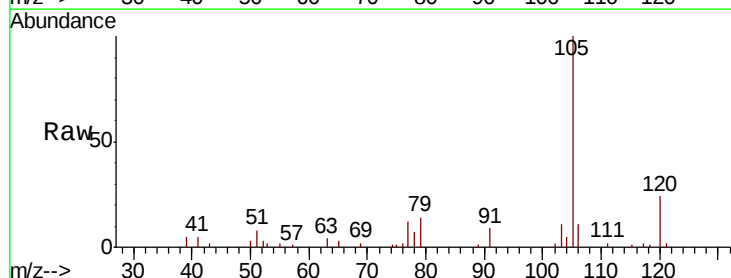
Acq: 15 Dec 2018 19:36

Tgt Ion:105 Resp: 7533

Ion Ratio Lower Upper

105 100

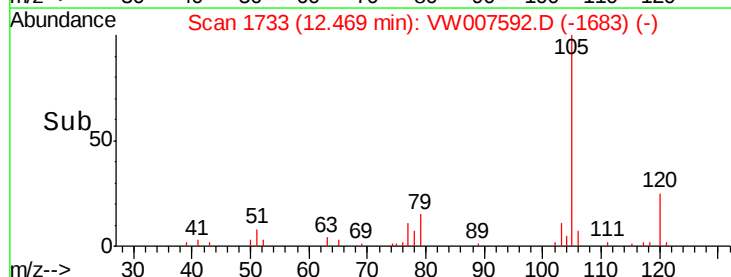
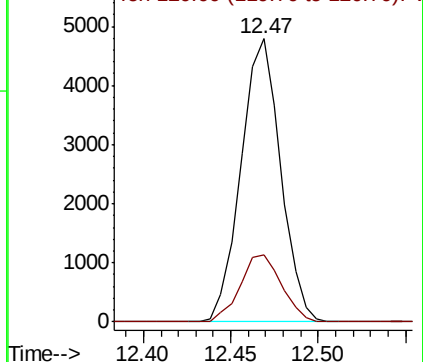
120 24.7 12.8 38.4

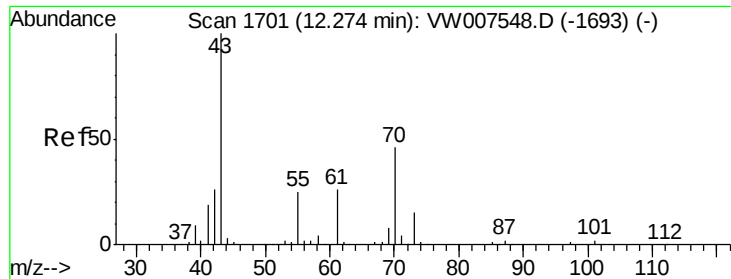


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 7.812 ug/l

RT: 12.24 min Scan# 1696

Delta R.T. -0.03 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0006-01

Tgt Ion: 43 Resp: 947

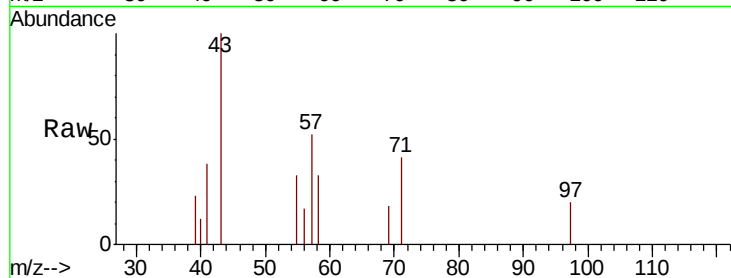
Ion Ratio Lower Upper

43 100

70 0.0 36.5 54.7#

55 56.3 20.1 30.1#

61 0.0 19.3 28.9#

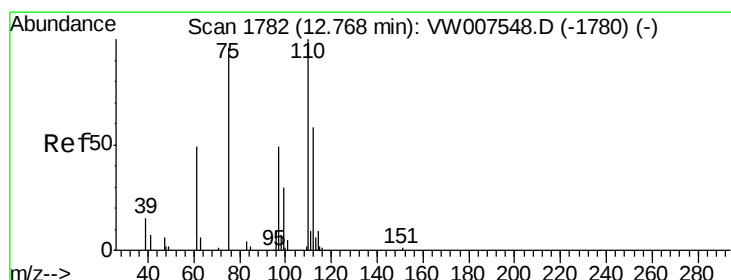
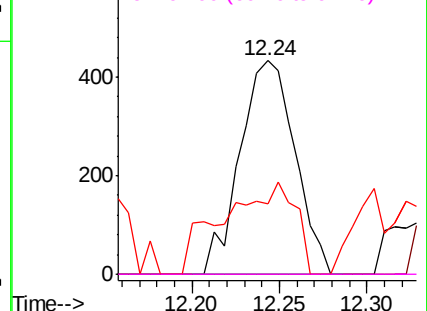
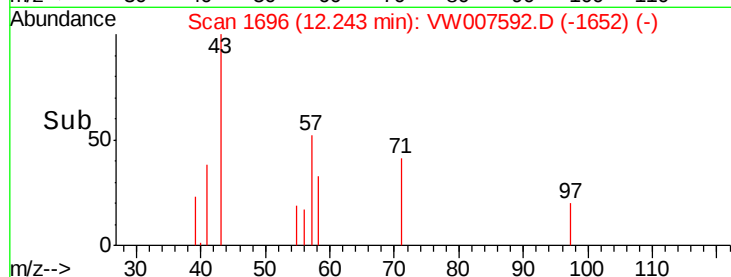


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#76

1,2,3-Trichloropropane

Concen: 101.790 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007592.D

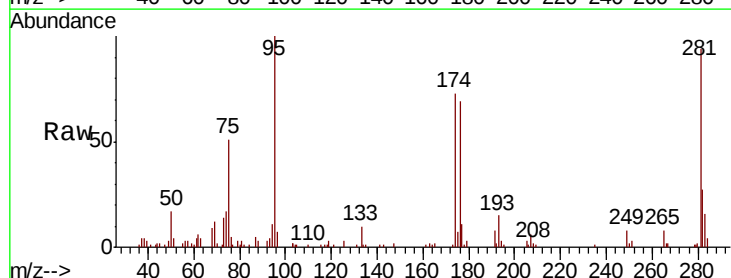
Acq: 15 Dec 2018 19:36

Tgt Ion: 75 Resp: 7306

Ion Ratio Lower Upper

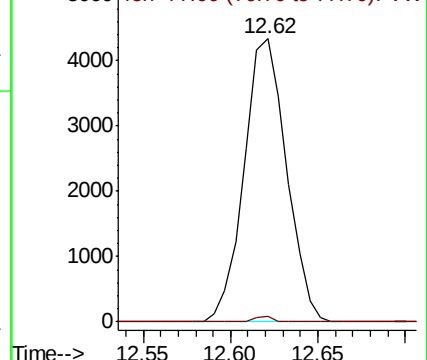
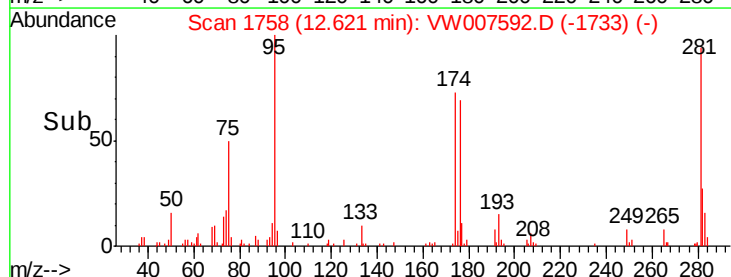
75 100

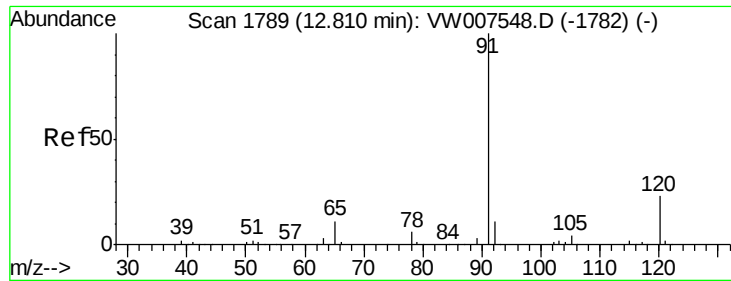
77 0.7 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#78

n-propylbenzene

Concen: 16.053 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

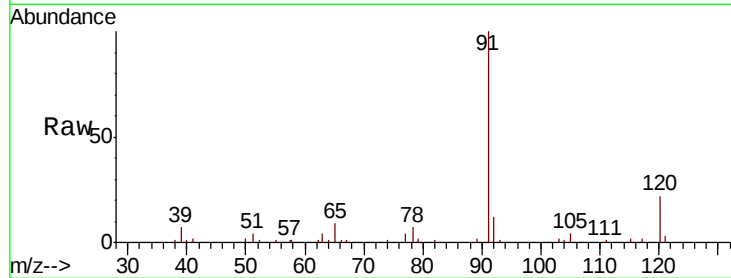
P001-SD010-0006-01

Tgt Ion: 91 Resp: 12050

Ion Ratio Lower Upper

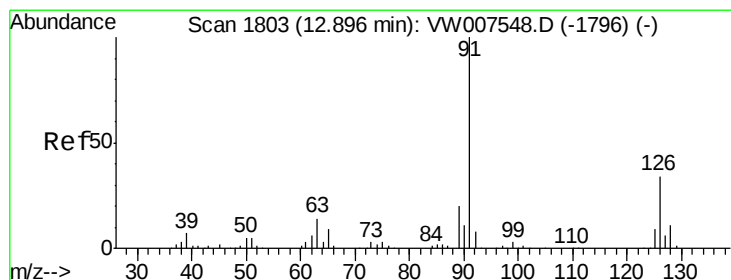
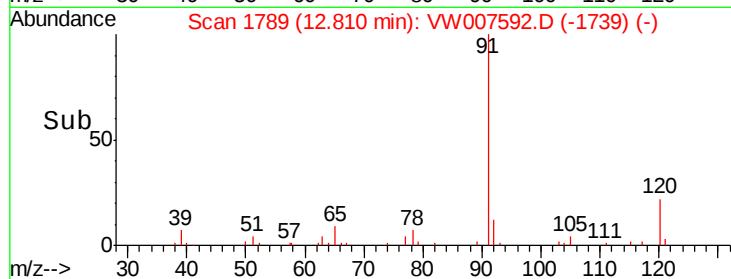
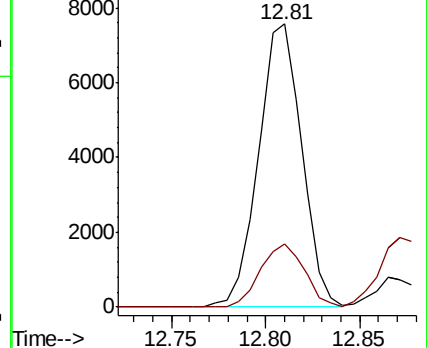
91 100

120 22.5 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: 2.908 ug/l

RT: 12.86 min Scan# 1798

Delta R.T. -0.03 min

Lab File: VW007592.D

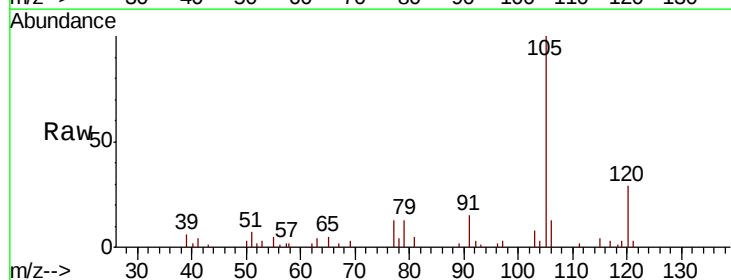
Acq: 15 Dec 2018 19:36

Tgt Ion: 91 Resp: 1321

Ion Ratio Lower Upper

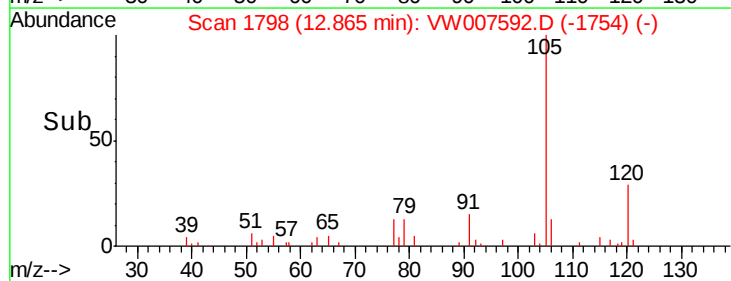
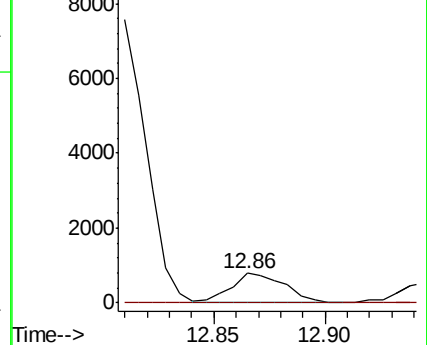
91 100

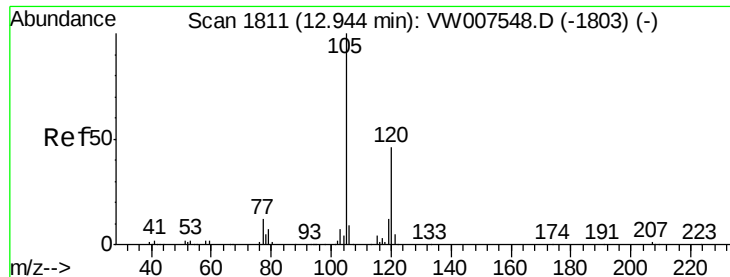
126 0.0 15.9 47.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

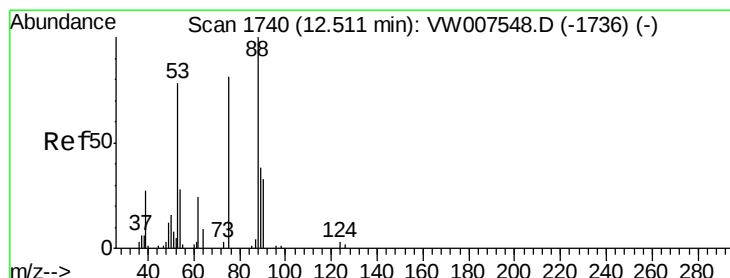
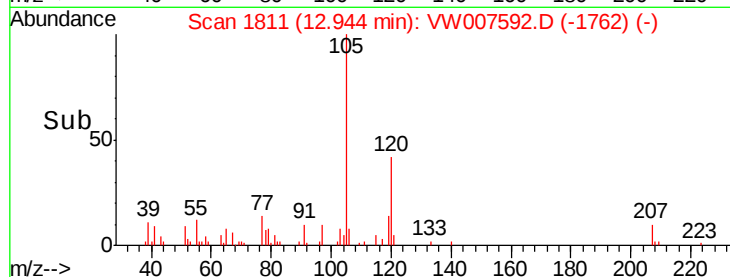
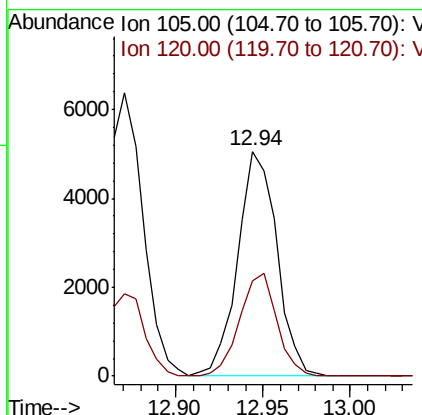
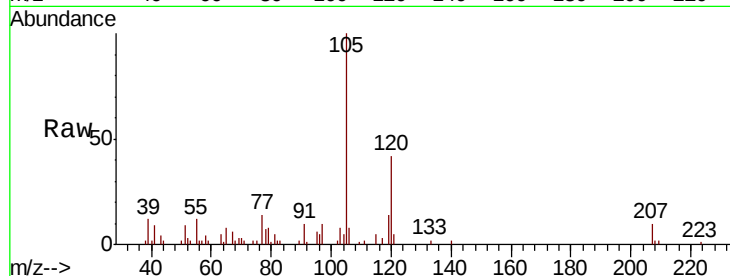




#80
 1,3,5-Trimethylbenzene
 Concen: 14.158 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007592.D
 Acq: 15 Dec 2018 19:36

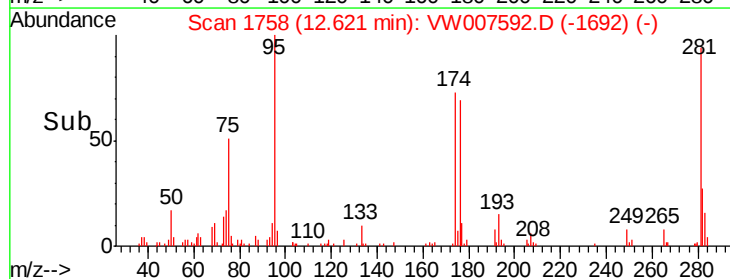
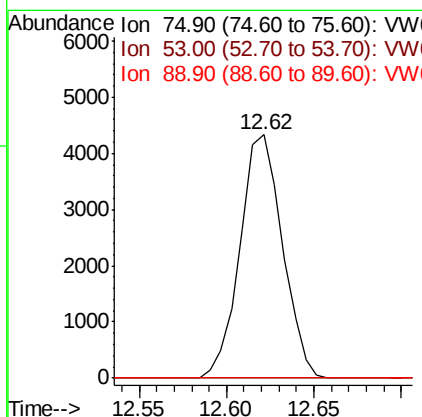
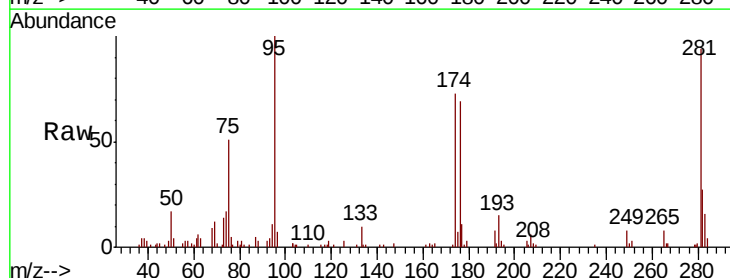
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0006-01

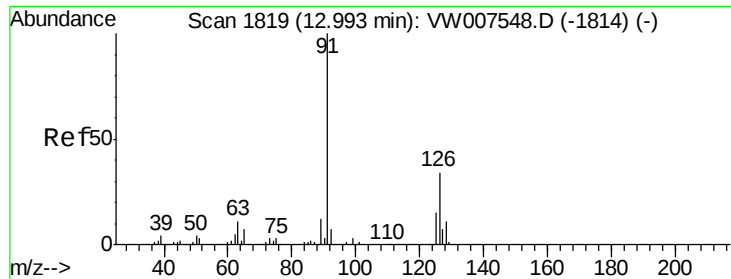
Tgt Ion: 105 Resp: 7935
 Ion Ratio Lower Upper
 105 100
 120 43.4 23.8 71.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 224.855 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007592.D
 Acq: 15 Dec 2018 19:36

Tgt Ion: 75 Resp: 7306
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.0 40.3 60.5#





#82

4-Chlorotoluene

Concen: 1.934 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

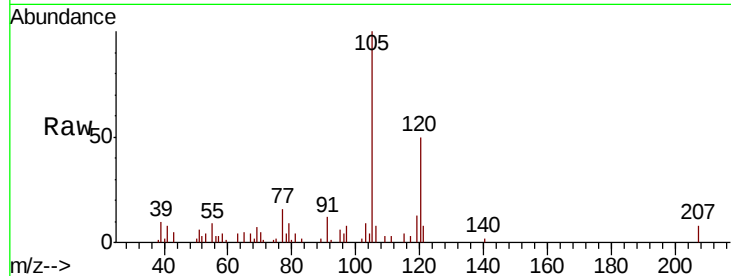
P001-SD010-0006-01

Tgt Ion: 91 Resp: 926

Ion Ratio Lower Upper

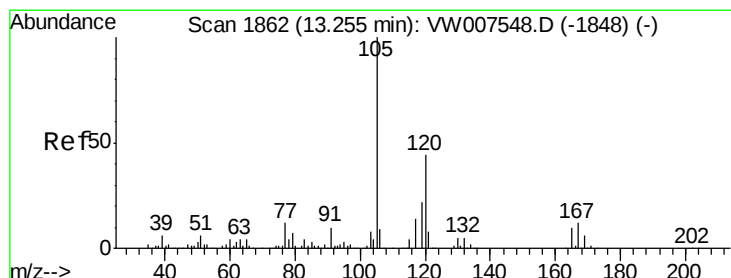
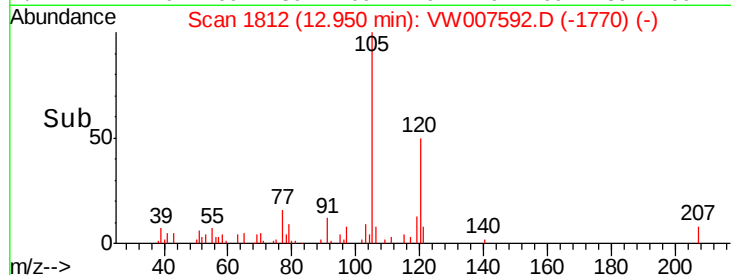
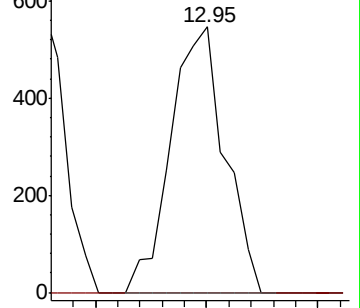
91 100

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



#84

1,2,4-Trimethylbenzene

Concen: 136.657 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007592.D

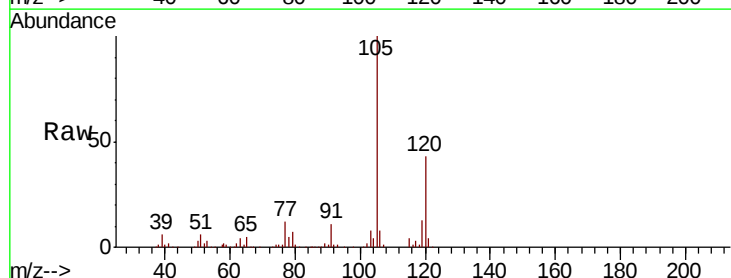
Acq: 15 Dec 2018 19:36

Tgt Ion: 105 Resp: 78815

Ion Ratio Lower Upper

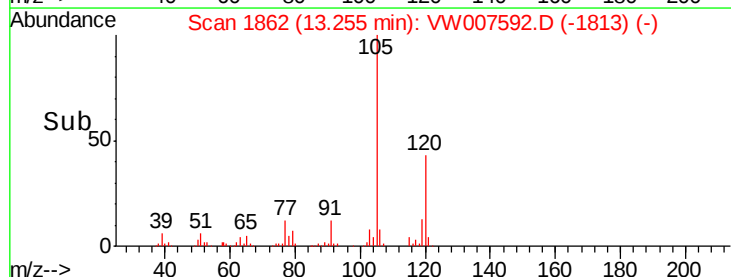
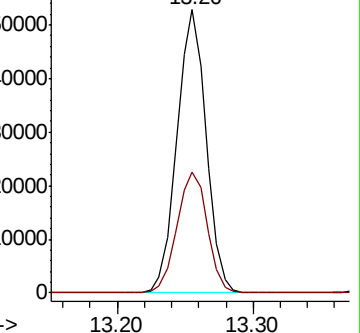
105 100

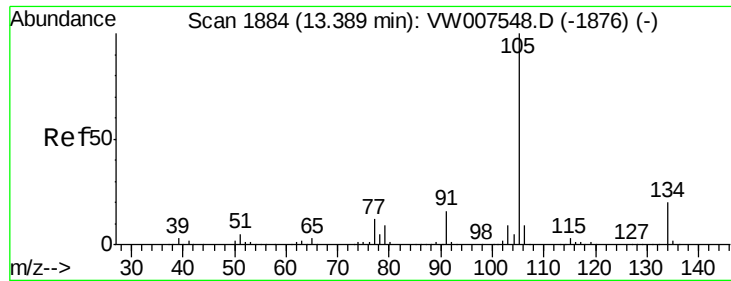
120 44.4 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

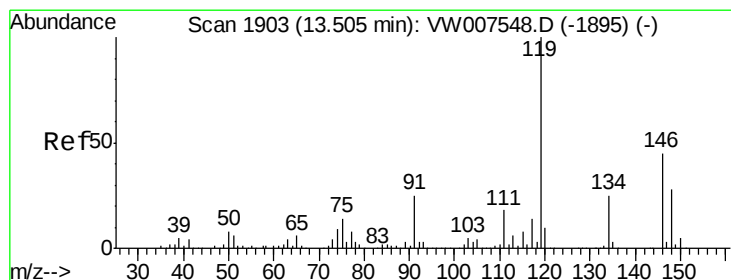
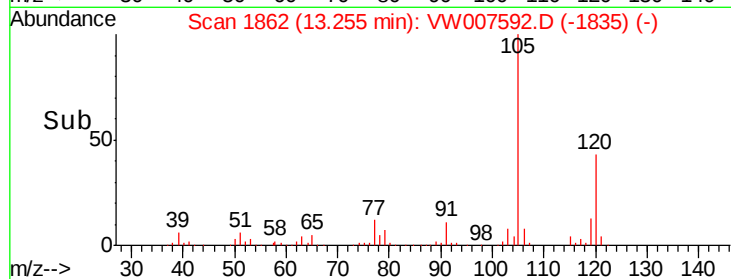
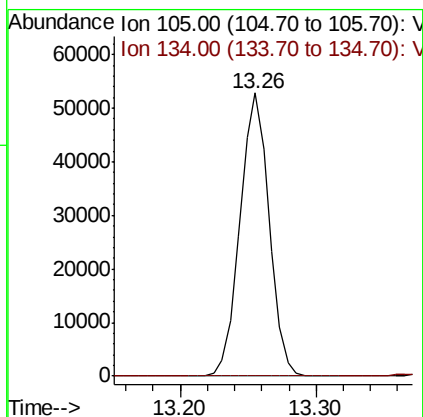
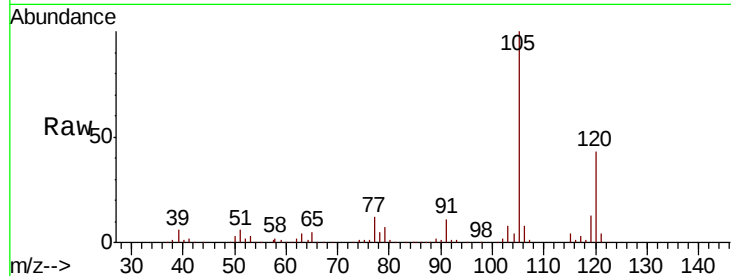




#85
 sec-Butylbenzene
 Concen: 116.910 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.13 min
 Lab File: VW007592.D
 Acq: 15 Dec 2018 19:36

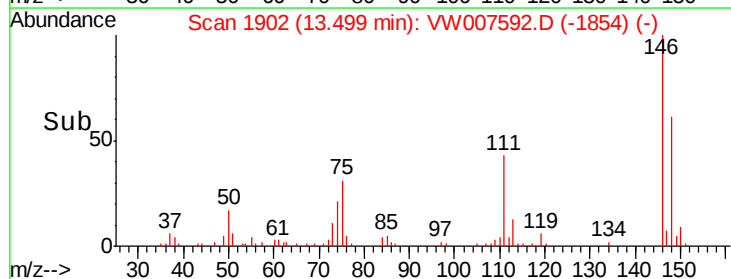
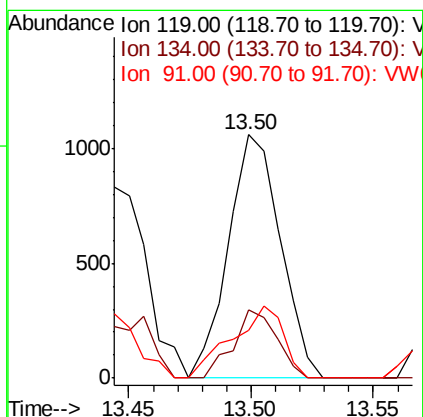
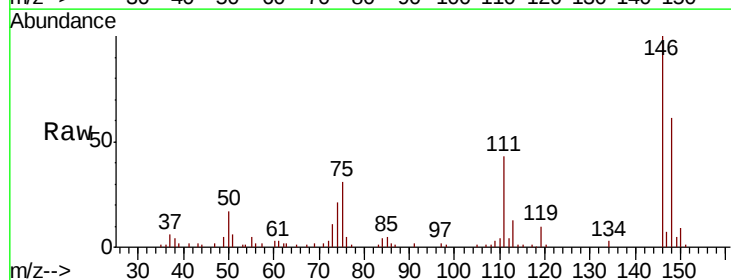
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0006-01

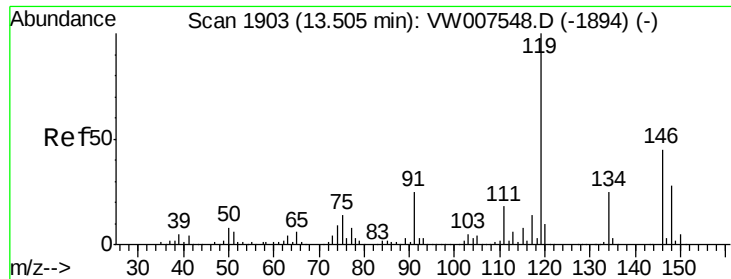
Tgt Ion:105 Resp: 78815
 Ion Ratio Lower Upper
 105 100
 134 0.0 11.1 33.3#



#86
 p-Isopropyltoluene
 Concen: 2.602 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007592.D
 Acq: 15 Dec 2018 19:36

Tgt Ion:119 Resp: 1576
 Ion Ratio Lower Upper
 119 100
 134 23.2 12.9 38.7
 91 28.9 11.9 35.9

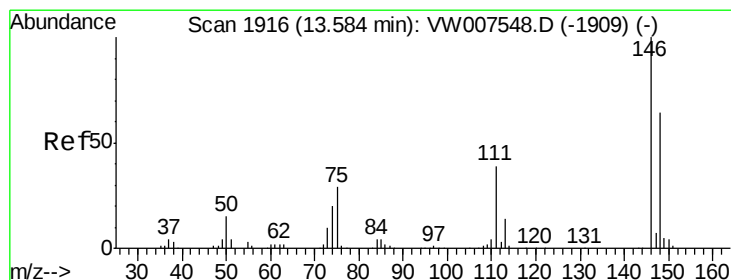
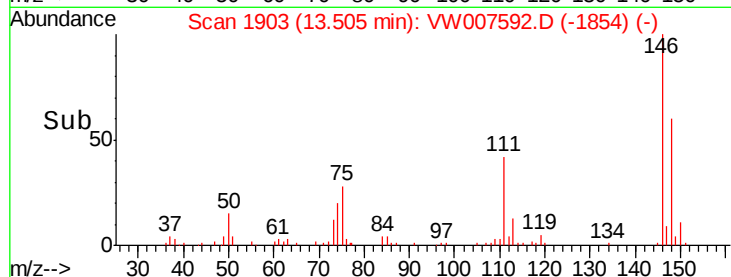
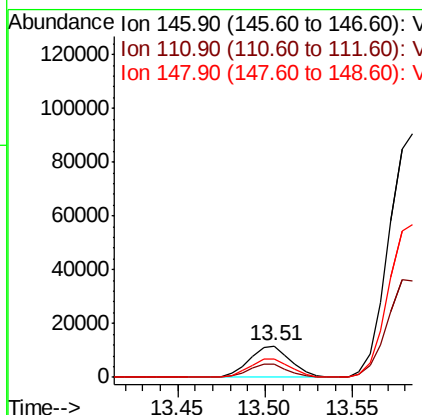
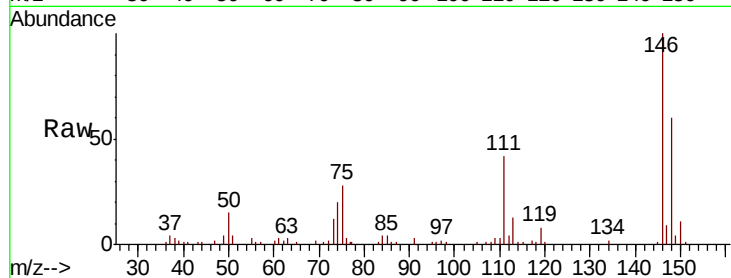




#87
 1,3-Dichlorobenzene
 Concen: 64.244 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007592.D
 Acq: 15 Dec 2018 19:36

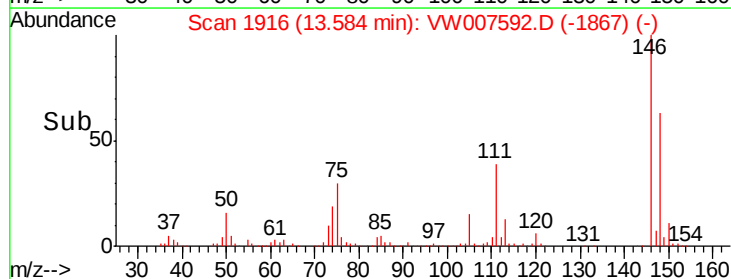
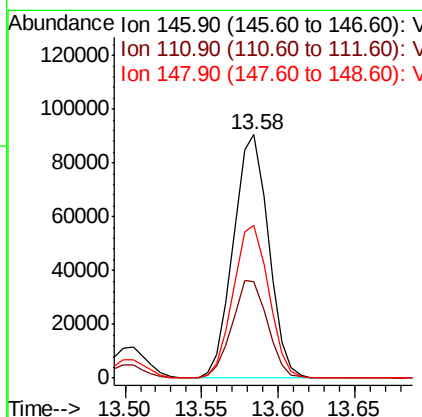
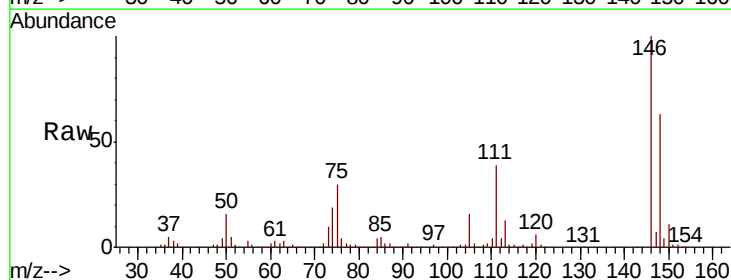
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0006-01

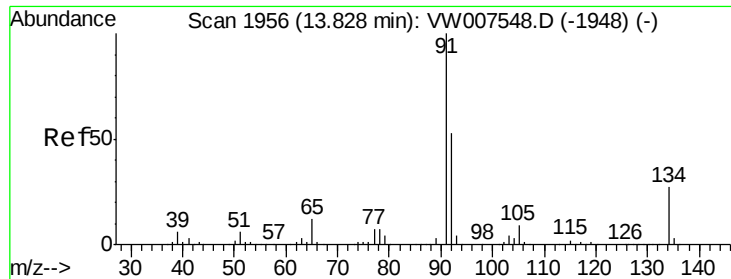
Tgt Ion:146 Resp: 18938
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.1 60.3
 148 61.2 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 488.378 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007592.D
 Acq: 15 Dec 2018 19:36

Tgt Ion:146 Resp: 144733
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 61.0
 148 63.7 33.5 100.5





#89

n-Butylbenzene

Concen: 2.307 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0006-01

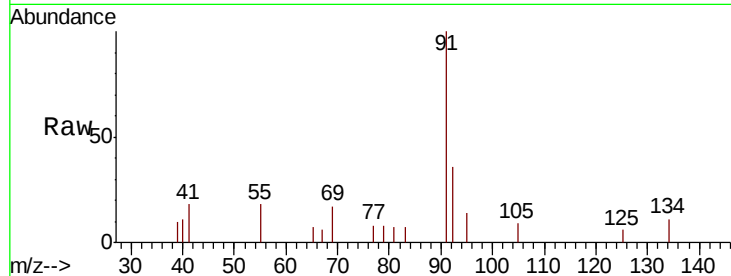
Tgt Ion: 91 Resp: 1295

Ion Ratio Lower Upper

91 100

92 53.4 25.7 77.1

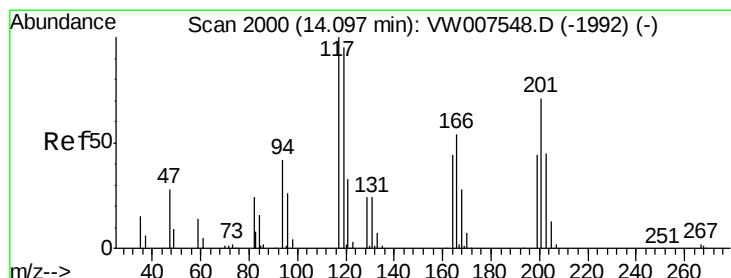
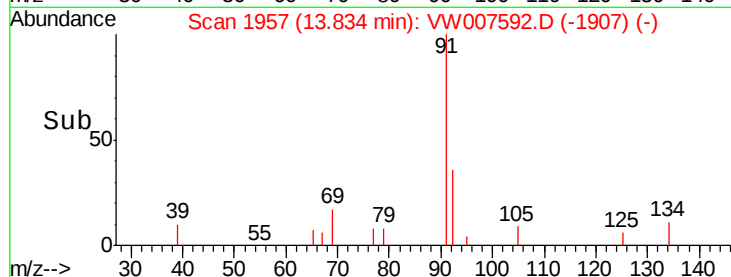
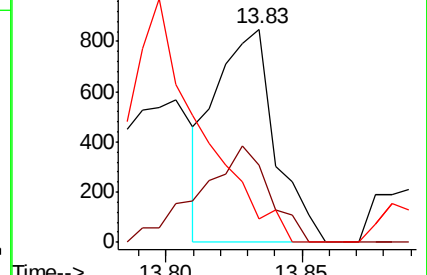
134 0.0 13.4 40.2#



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: 9.178 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007592.D

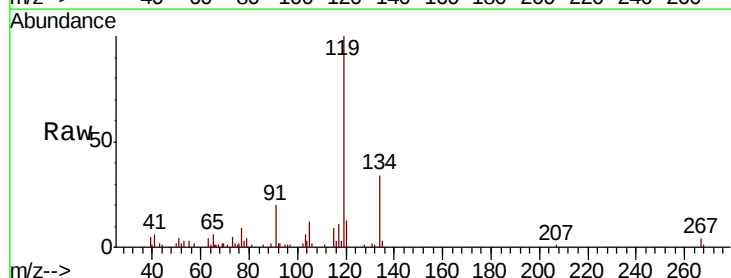
Acq: 15 Dec 2018 19:36

Tgt Ion: 117 Resp: 989

Ion Ratio Lower Upper

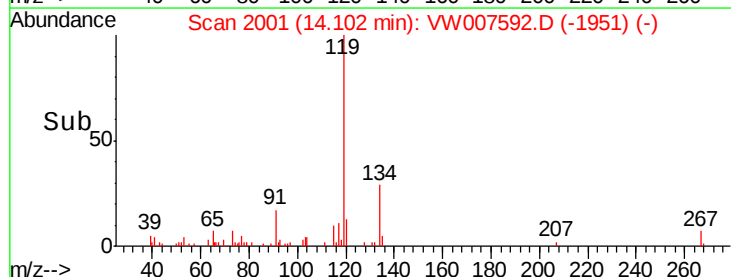
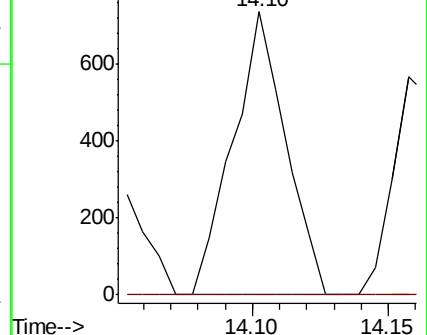
117 100

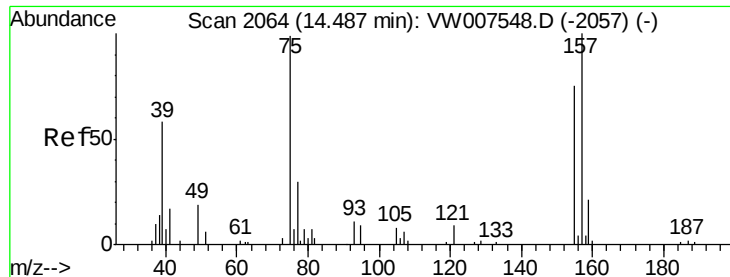
201 0.0 35.3 105.9#



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: 2.976 ug/l

RT: 14.22 min Scan# 2020

Delta R.T. -0.27 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0006-01

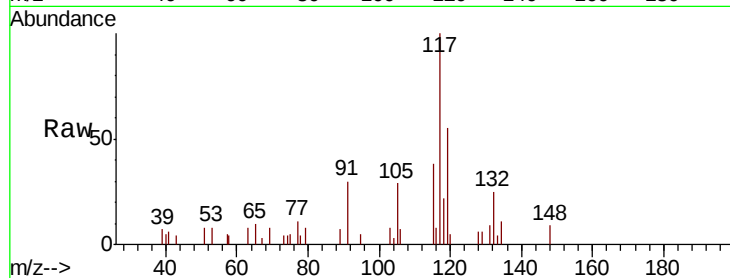
Tgt Ion: 75 Resp: 59

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.2#

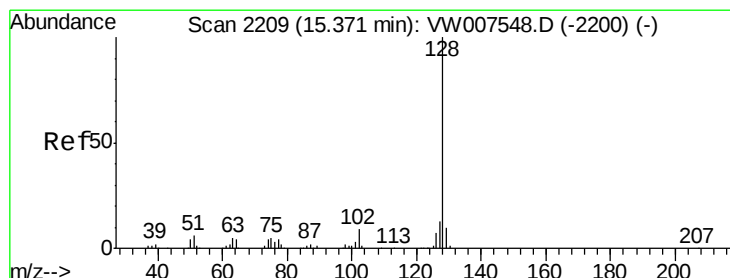
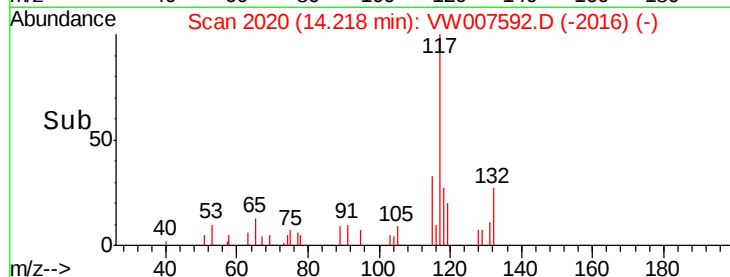
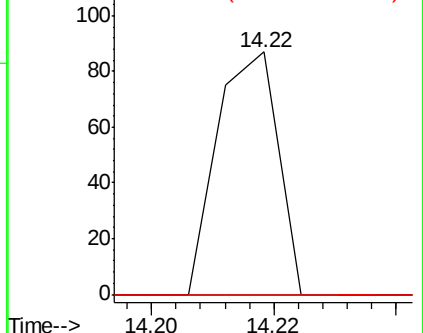
157 0.0 51.1 153.4#



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



#95

Naphthalene

Concen: 19.413 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW007592.D

Acq: 15 Dec 2018 19:36

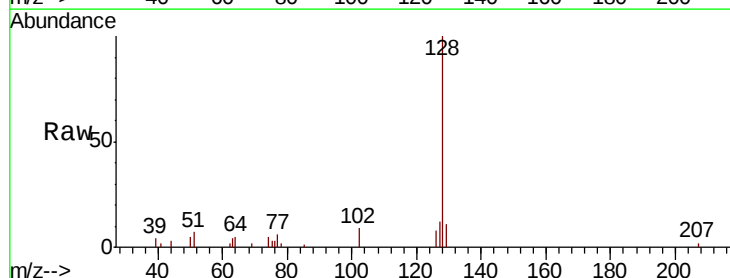
Tgt Ion: 128 Resp: 6748

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 11.0 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

