

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122218\
 Data File : VW007793.D
 Acq On : 21 Dec 2018 14:00
 Operator : SY/AP
 Sample : J6426-05
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 16:50:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	34239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	57206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	25835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	5021	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	23864	63.59	ug/l	0.00
Spiked Amount			Recovery	=	127.18%	
35) Dibromofluoromethane	7.88	113	18443	52.85	ug/l	0.00
Spiked Amount			Recovery	=	105.70%	
50) Toluene-d8	10.32	98	38816	29.50	ug/l	0.00
Spiked Amount			Recovery	=	59.00%	
62) 4-Bromofluorobenzene	12.62	95	7536	14.83	ug/l	0.00
Spiked Amount			Recovery	=	29.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	46	1.817	ug/l #	73
13) Acrolein	3.89	56	132	6.521	ug/l #	14
14) Allyl chloride	4.41	41	1865	4.210	ug/l #	77
16) Acetone	4.12	43	259942	3698.989	ug/l	95
18) Methyl Acetate	4.68	43	3649	21.834	ug/l	98
20) Methylene Chloride	4.91	84	2681	1.514	ug/l #	83
25) 2-Butanone	7.17	43	29741	361.324	ug/l	99
31) Cyclohexane	7.95	56	911	1.631	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	2692	4.876	ug/l #	50
37) Ethyl Acetate	7.17	43	29741	156.079	ug/l #	68
38) Carbon Tetrachloride	7.95	117	3524	5.419	ug/l #	11
39) Methylcyclohexane	9.33	83	2232	3.253	ug/l	96
42) 1,2-Dichloroethane	8.40	62	1046	2.118	ug/l #	77
48) Methyl methacrylate	9.40	41	379	1.989	ug/l #	42
51) 4-Methyl-2-Pentanone	10.32	43	1005	5.570	ug/l	99
52) Toluene	10.38	92	6417	6.491	ug/l	98
55) 1,1,2-Trichloroethane	10.76	97	1703	6.138	ug/l #	25
56) Ethyl methacrylate	10.66	69	888	2.709	ug/l #	10
59) 2-Hexanone	10.97	43	1366	10.766	ug/l	88
67) Ethyl Benzene	11.73	91	71501	74.515	ug/l	99
68) m/p-Xylenes	11.83	106	158208	425.035	ug/l	99
69) o-Xylene	12.17	106	383071	1097.903	ug/l	100
70) Styrene	12.17	104	19953	34.789	ug/l #	1
73) Isopropylbenzene	12.47	105	470232	1238.980	ug/l	99
74) N-amyl acetate	12.26	43	15683	238.559	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.66	83	3629	63.773	ug/l #	58
76) 1,2,3-Trichloropropane	12.80	75	12263	315.995	ug/l #	100
78) n-propylbenzene	12.81	91	1915543	4335.778	ug/l	99
79) 2-Chlorotoluene	12.87	91	1194053	4639.454	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.95	105	6549002	20004.690	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.46	75	5497	297.328	ug/l #	71
82) 4-Chlorotoluene	12.95	91	734597	2680.642	ug/l #	42
83) tert-Butylbenzene	13.27	119	2791527	9718.281	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.26	105	18805850	56929.126	ug/l	89

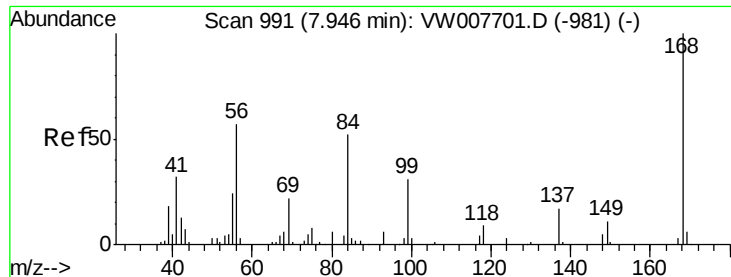
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.26	105	18805850	47504.459	ug/l #	56
86) p-Isopropyltoluene	13.45	119	459108	1275.388	ug/l	98
87) 1,3-Dichlorobenzene	13.58	146	340	1.969	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	340	1.968	ug/l #	1
89) n-Butylbenzene	13.79	91	212044	642.455	ug/l #	1
90) Hexachloroethane	14.10	117	172131	2723.697	ug/l #	13
91) 1,2-Dichlorobenzene	13.87	146	363	2.348	ug/l #	66
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1209	103.456	ug/l #	18
93) 1,2,4-Trichlorobenzene	15.14	180	1835	17.097	ug/l #	1
95) Naphthalene	15.38	128	3075338	15497.928	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	768	8.359	ug/l #	12

(#) = 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. 0.01 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

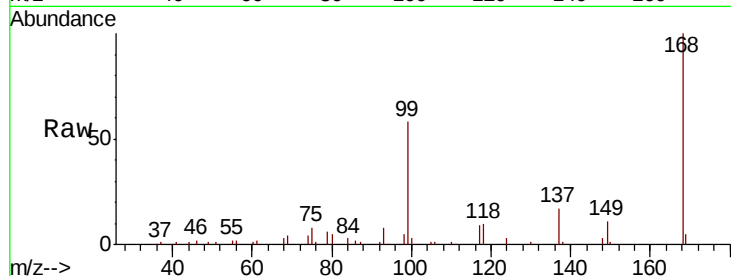
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 34239

Ion Ratio Lower Upper

168 100

99 57.9 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW007701.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW007701.D (-981) (-)

7.95

15000

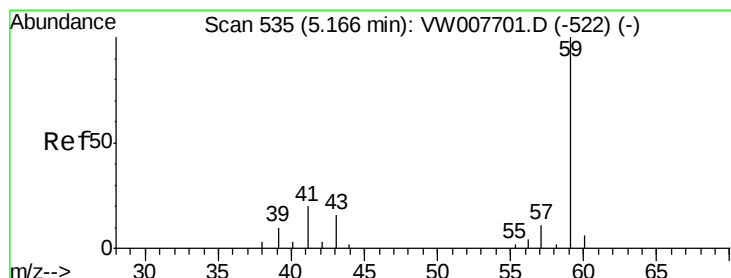
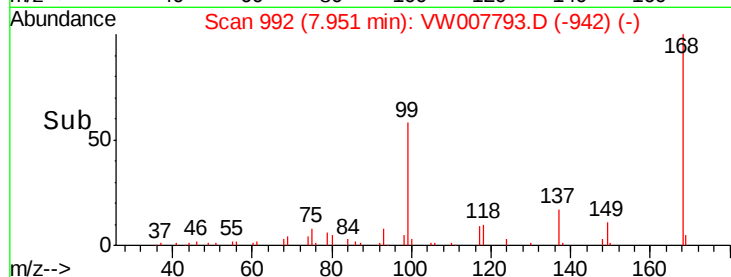
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 1.817 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.00 min

Lab File: VW007793.D

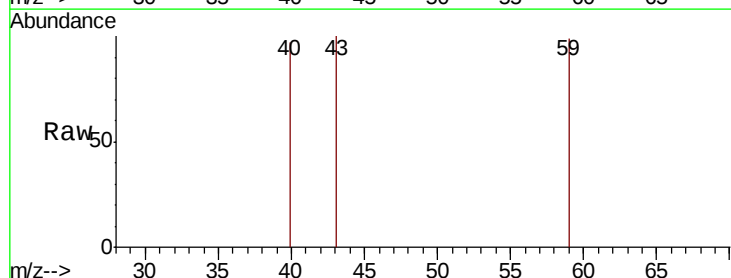
Acq: 21 Dec 2018 14:00

Tgt Ion: 59 Resp: 46

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW007701.D (-522) (-)

Ion 57.00 (56.70 to 57.70): VW007701.D (-522) (-)

5.17

80

60

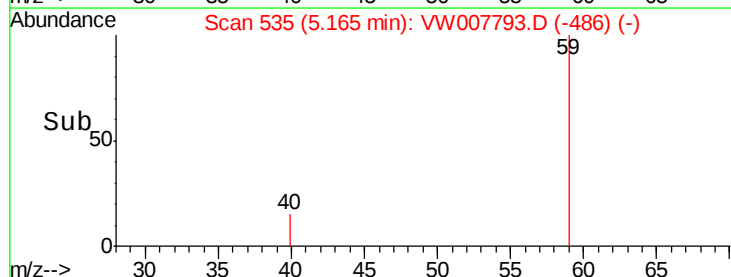
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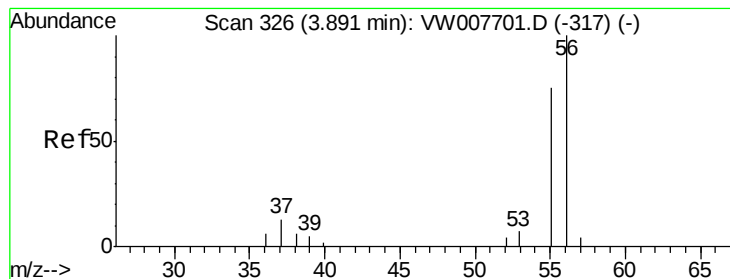
20

0

Time-->

5.14 5.16 5.18





#13

Acrolein

Concen: 6.521 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

Instrument :

MSVOA_W

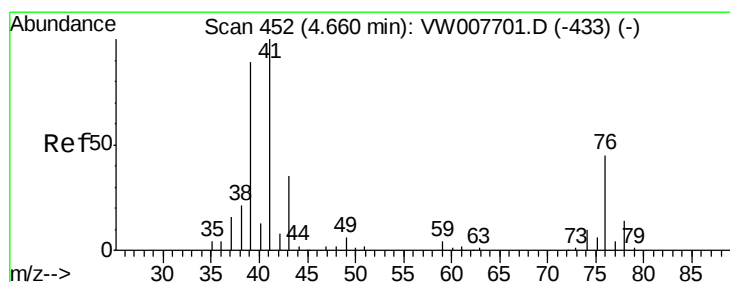
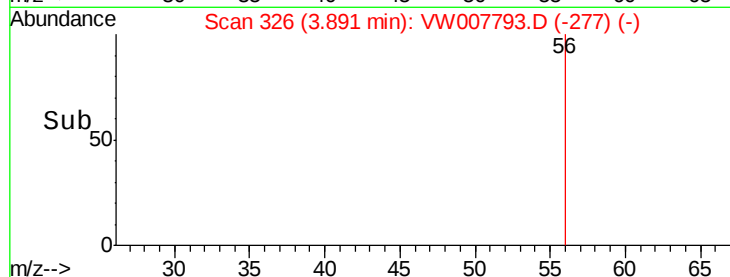
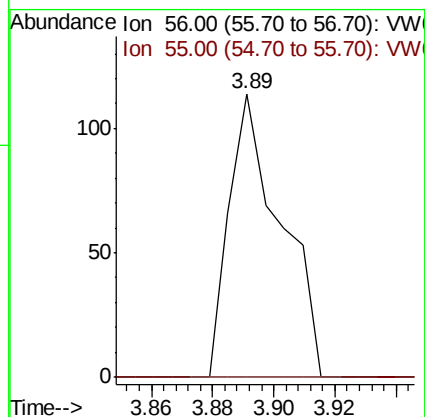
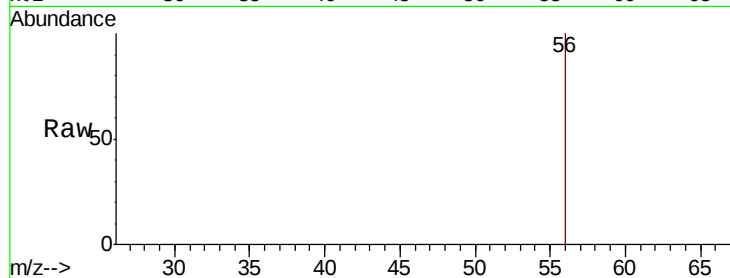
ClientSampleId :

Tot Ion: 56 Resp: 132

Ion Ratio Lower Upper

56 100

55 0.0 57.7 86.5#



#14

Allyl chloride

Concen: 4.210 ug/l

RT: 4.41 min Scan# 411

Delta R.T. -0.25 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

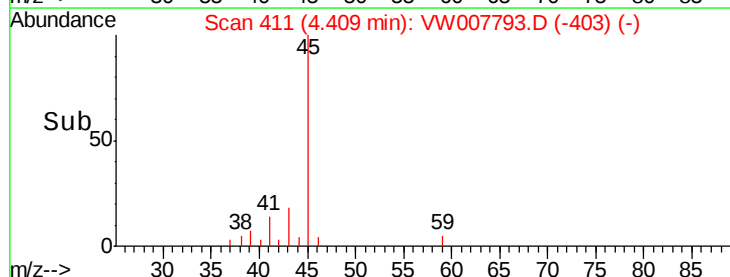
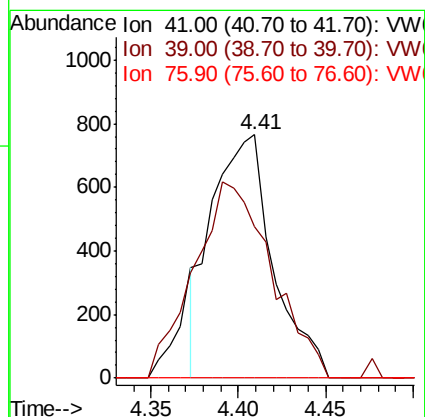
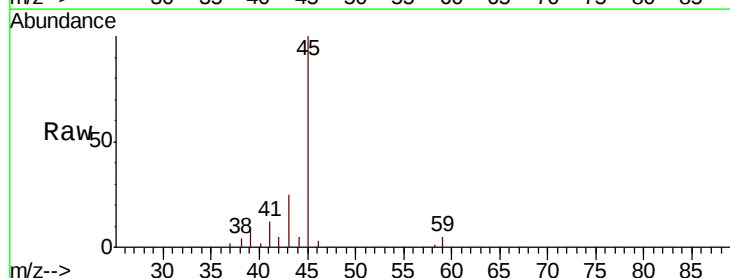
Tgt Ion: 41 Resp: 1865

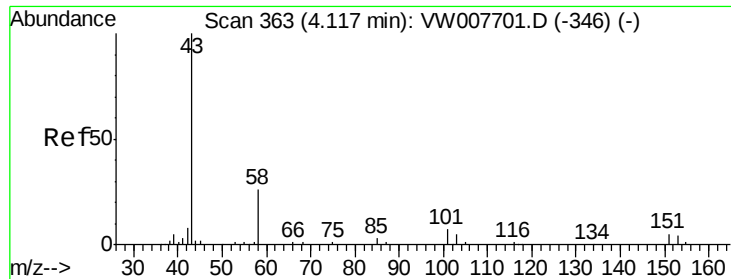
Ion Ratio Lower Upper

41 100

39 86.2 69.5 104.3

76 0.0 34.8 52.2#





#16

Acetone

Concen: 3698.989 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

Instrument :

MSVOA_W

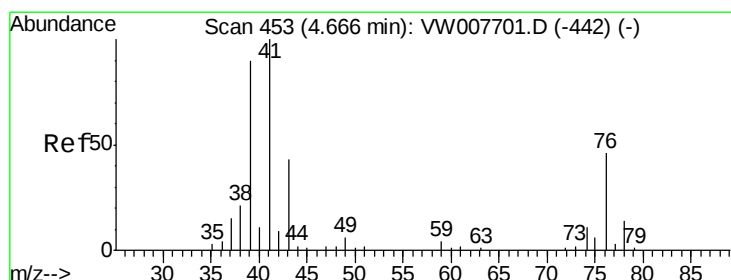
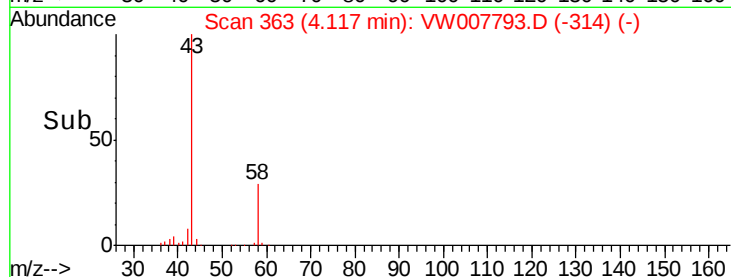
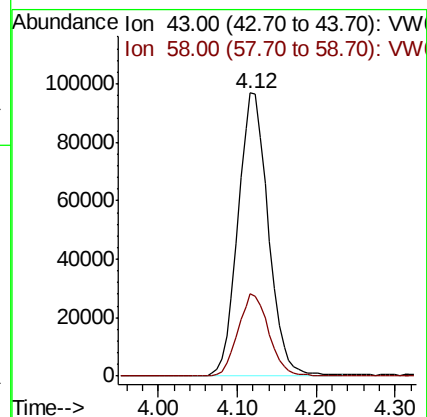
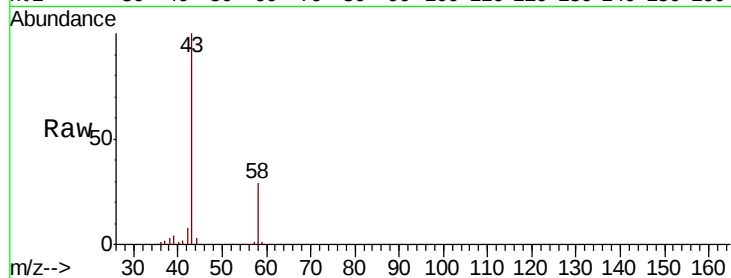
ClientSampleId :

Tot Ion: 43 Resp: 259942

Ion Ratio Lower Upper

43 100

58 29.2 21.2 31.8



#18

Methyl Acetate

Concen: 21.834 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW007793.D

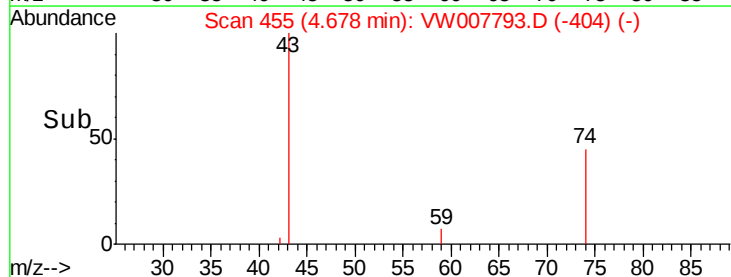
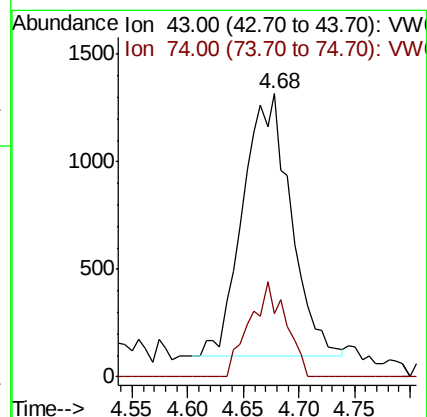
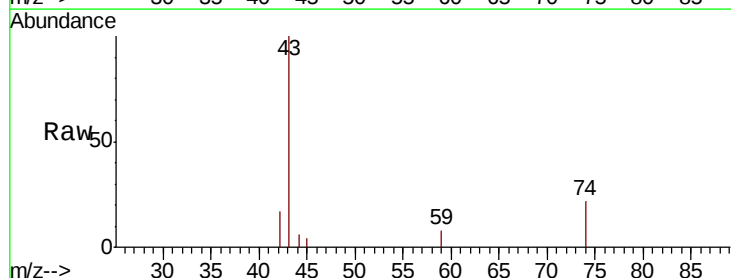
Acq: 21 Dec 2018 14:00

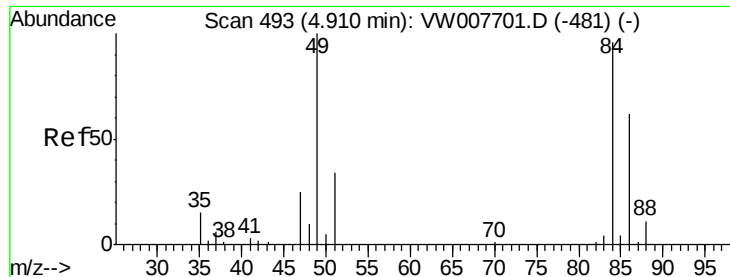
Tgt Ion: 43 Resp: 3649

Ion Ratio Lower Upper

43 100

74 27.3 22.7 34.1

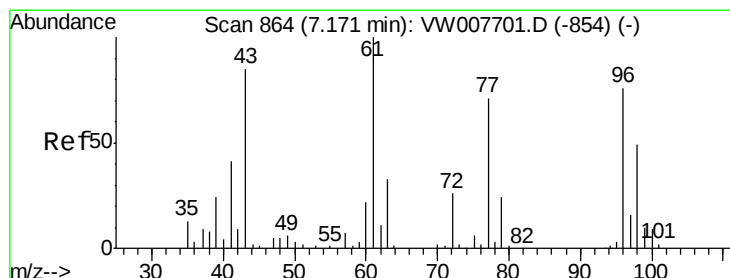
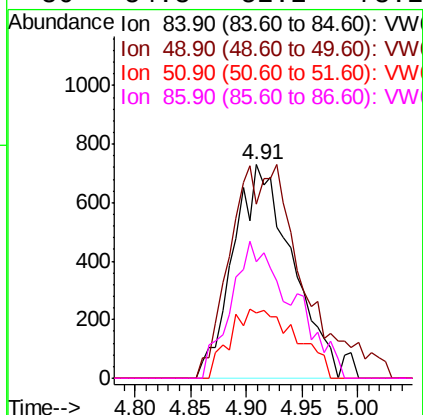
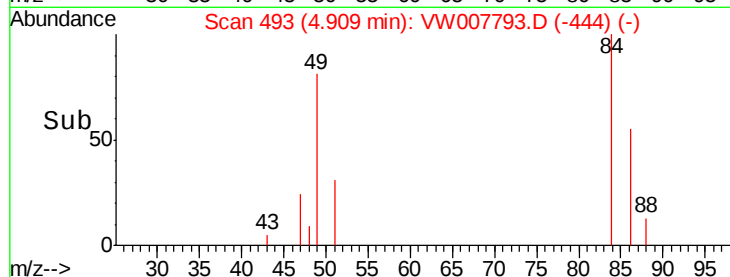
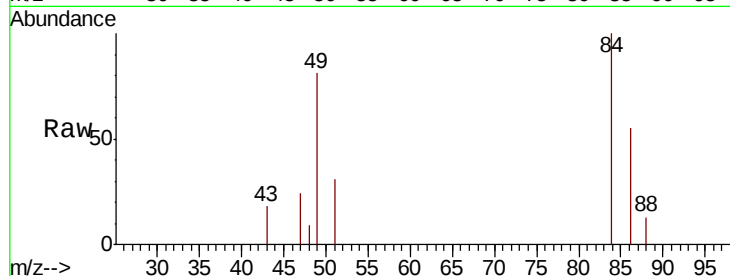




#20
Methvlene Chloride
Concen: 1.514 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

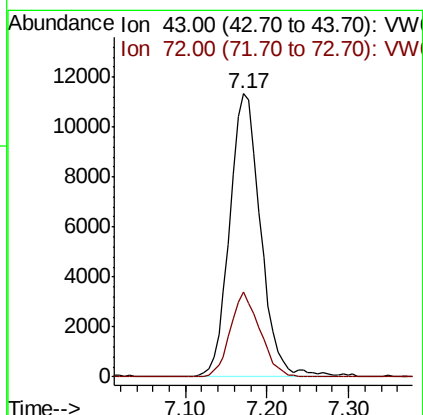
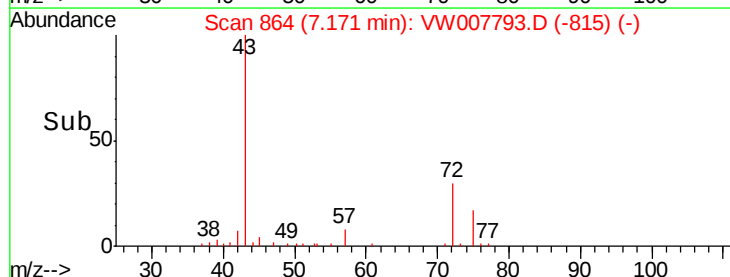
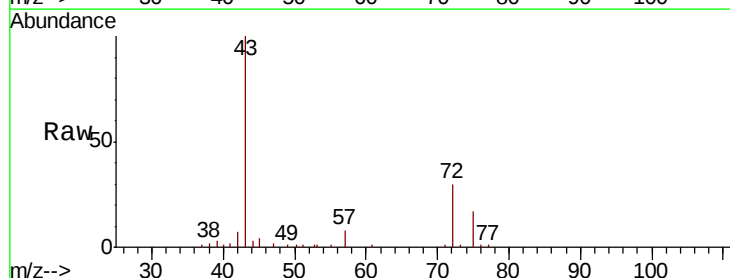
Instrument :
MSVOA_W
ClientSampled :

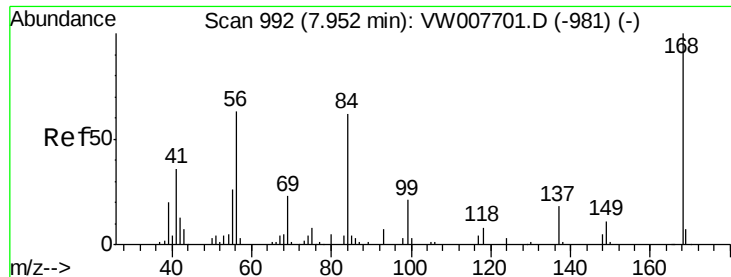
Tot Ion: 84 Resp: 2681
Ion Ratio Lower Upper
84 100
49 81.2 83.7 125.5#
51 30.8 28.2 42.2
86 54.8 52.2 78.2



#25
2-Butanone
Concen: 361.324 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

Tgt Ion: 43 Resp: 29741
Ion Ratio Lower Upper
43 100
72 30.1 24.5 36.7

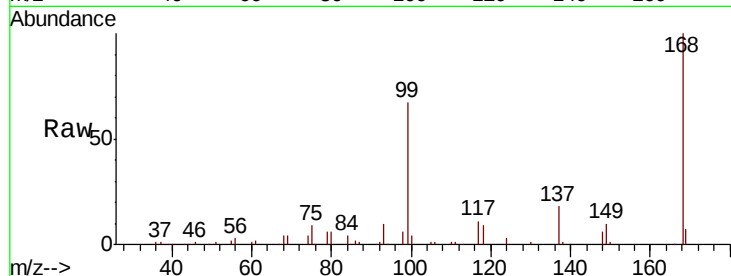




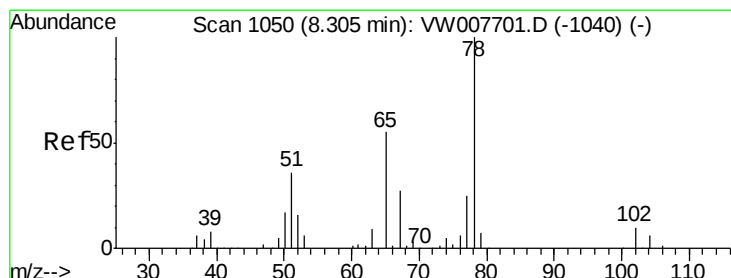
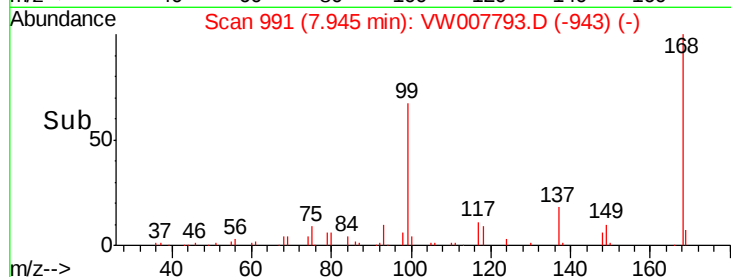
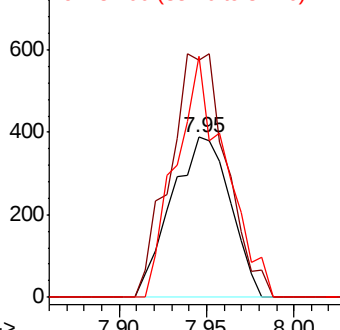
#31
Cyclohexane
Concen: 1.631 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 911
Ion Ratio Lower Upper
56 100
69 148.2 29.7 44.5#
84 151.0 78.9 118.3#

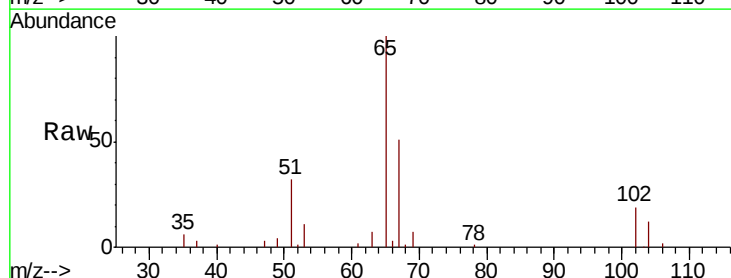


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

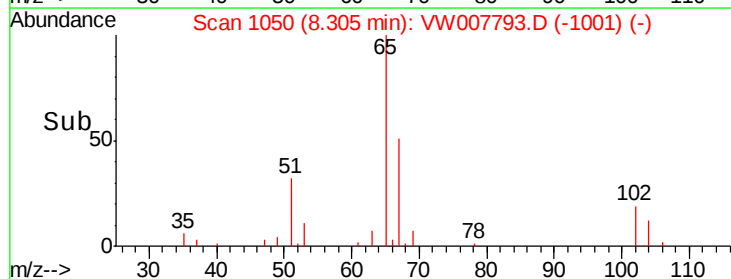
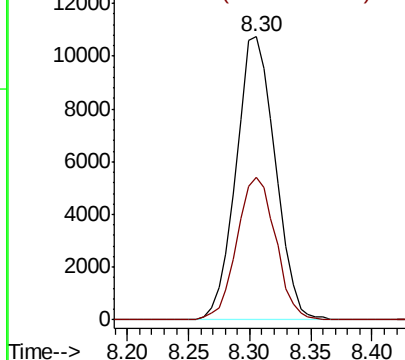


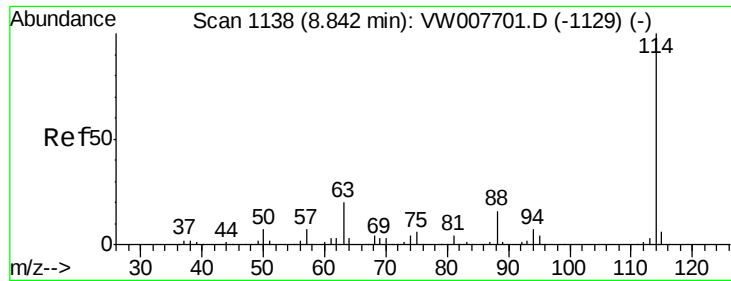
#33
1,2-Dichloroethane-d4
Concen: 63.591 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

Tgt Ion: 65 Resp: 23864
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.6



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

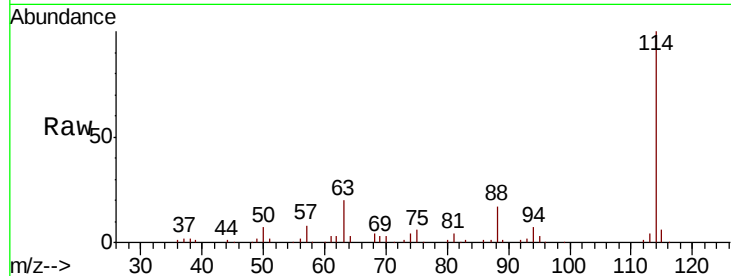




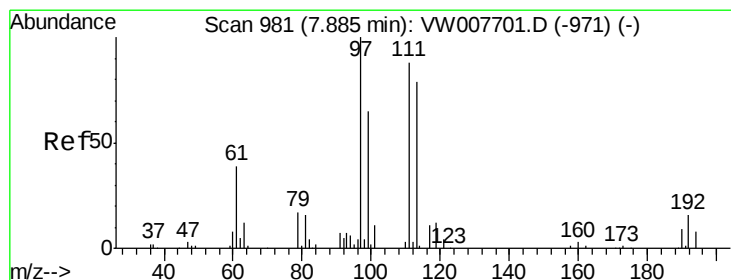
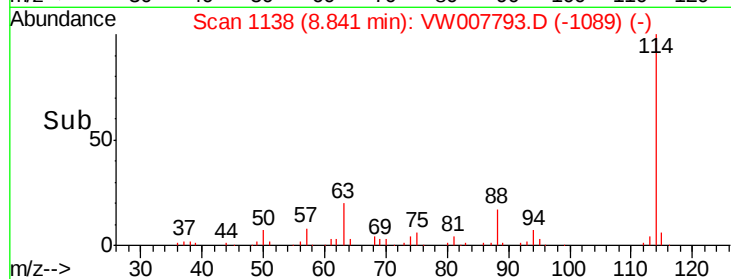
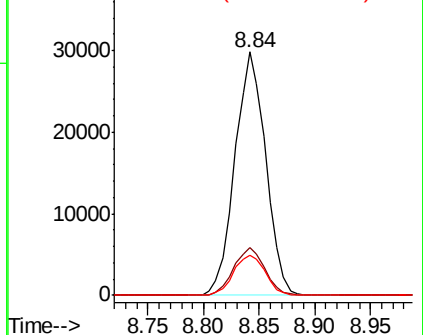
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007793.D
 Acq: 21 Dec 2018 14:00

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 57206
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 16.7 0.0 32.6

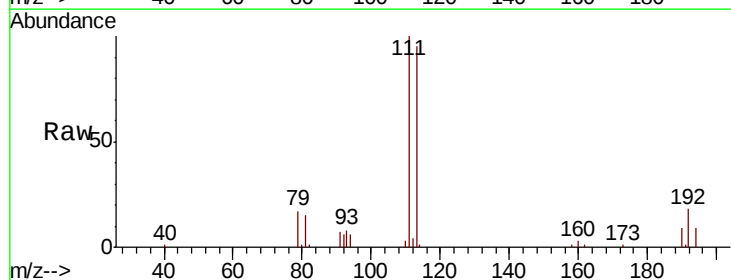


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

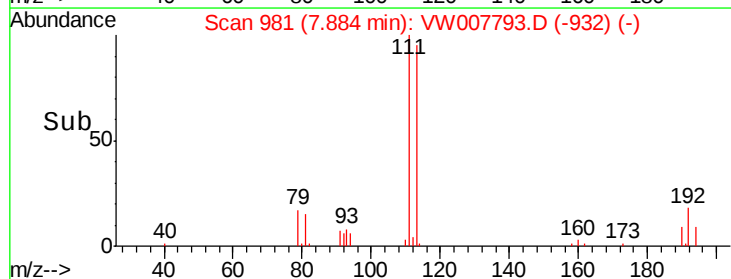
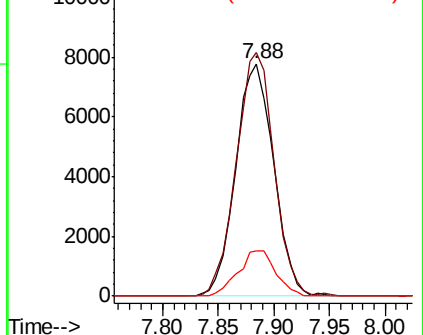


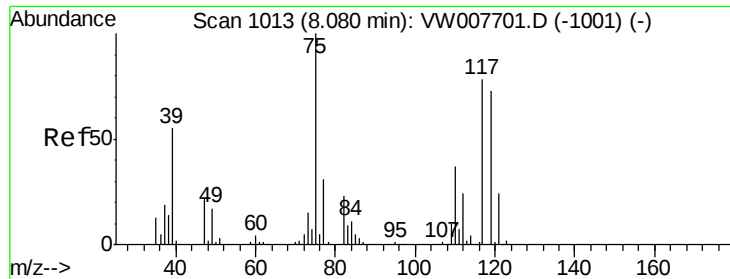
#35
 Dibromofluoromethane
 Concen: 52.847 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007793.D
 Acq: 21 Dec 2018 14:00

Tgt Ion:113 Resp: 18443
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.6 124.0
 192 19.3 15.5 23.3



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

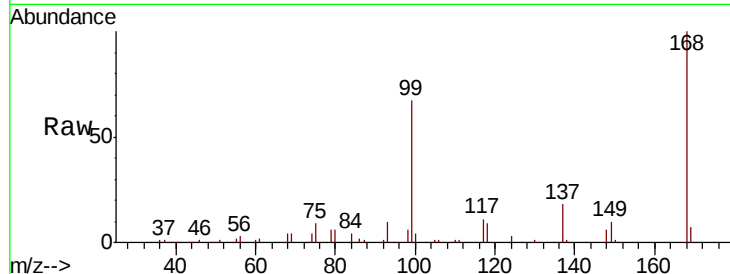




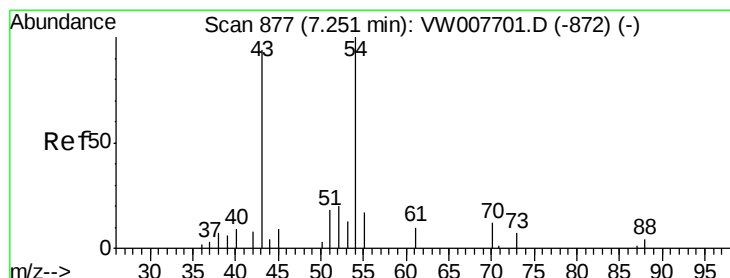
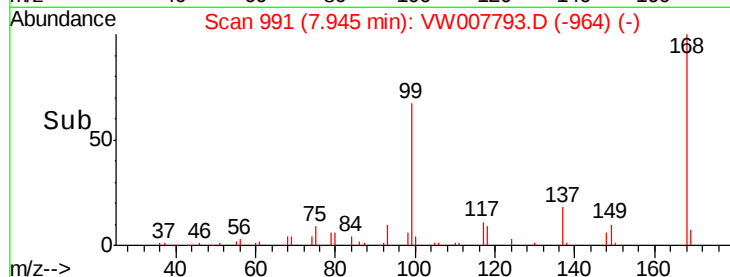
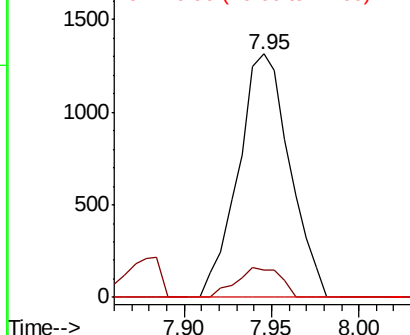
#36
 1,1-Dichloropropene
 Concen: 4.876 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007793.D
 Acq: 21 Dec 2018 14:00

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 2692
 Ion Ratio Lower Upper
 75 100
 110 10.6 18.6 55.8#
 77 0.0 25.0 37.4#

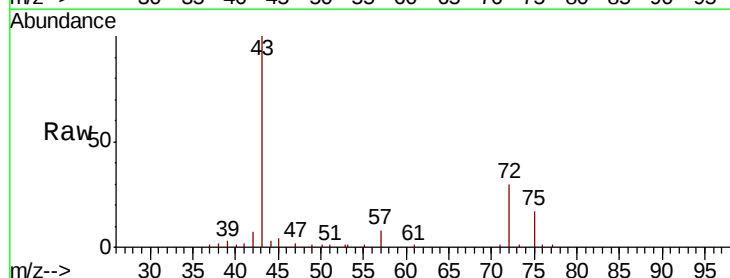


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): VW
 Ion 76.90 (76.60 to 77.60): VW

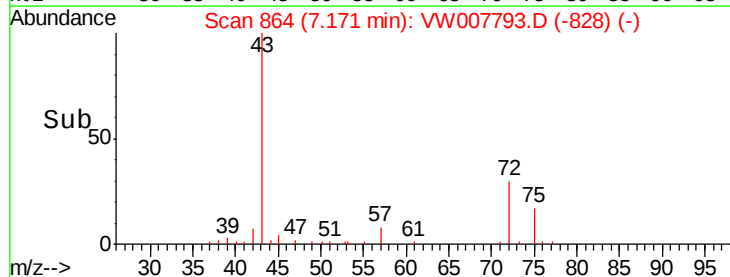
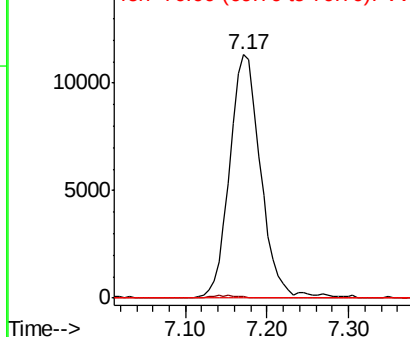


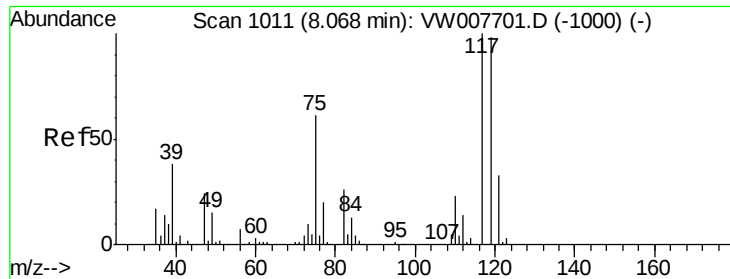
#37
 Ethyl Acetate
 Concen: 156.079 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.08 min
 Lab File: VW007793.D
 Acq: 21 Dec 2018 14:00

Tgt Ion: 43 Resp: 29741
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.2 16.8#
 70 0.0 9.3 13.9#



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

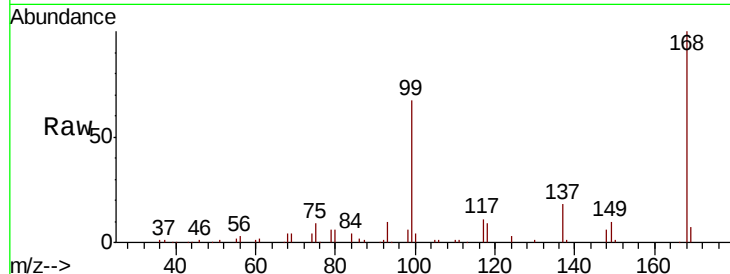




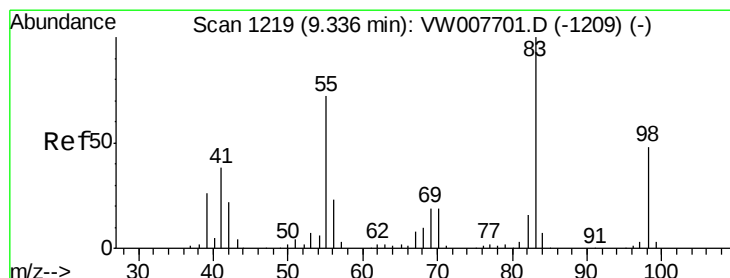
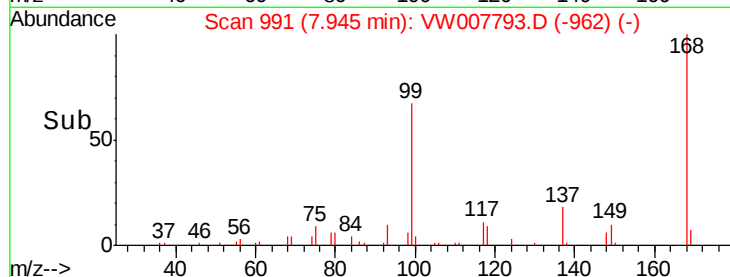
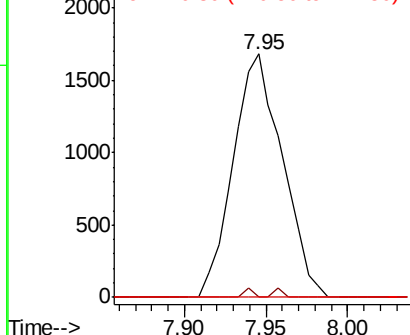
#38
Carbon Tetrachloride
Concen: 5.419 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 3524
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 26.1 39.1#

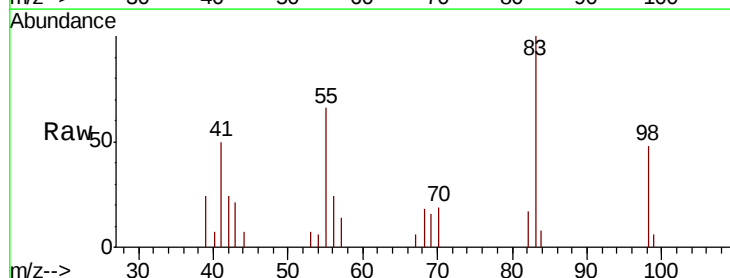


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

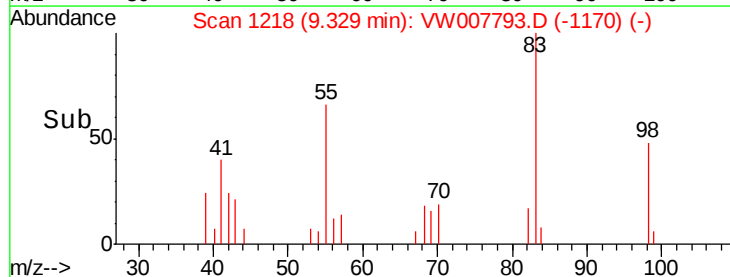
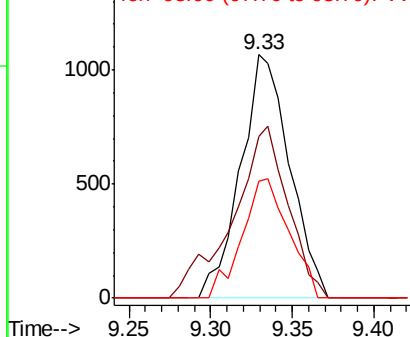


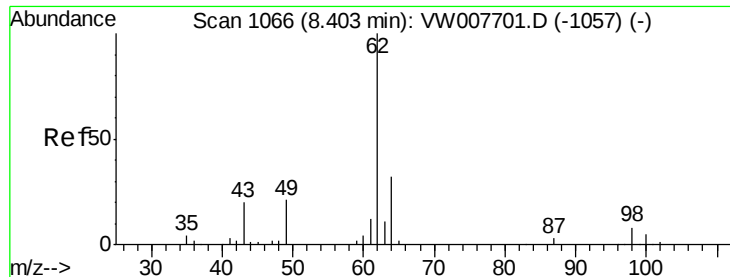
#39
Methylcyclohexane
Concen: 3.253 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

Tgt Ion: 83 Resp: 2232
Ion Ratio Lower Upper
83 100
55 66.3 57.2 85.8
98 48.3 38.6 58.0



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





#42

1,2-Dichloroethane

Concen: 2.118 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

Instrument :

MSVOA_W

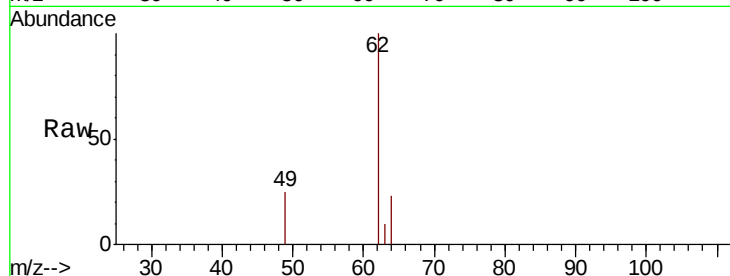
ClientSampled :

Tot Ion: 62 Resp: 1046

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

8.40

600

500

400

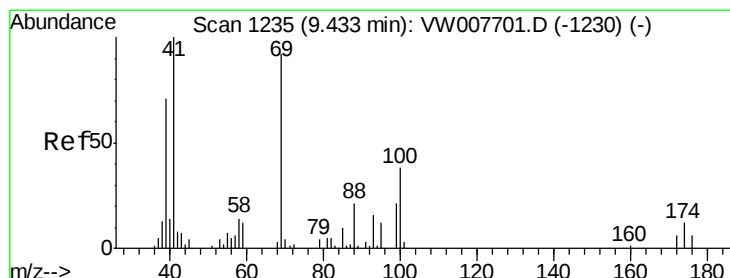
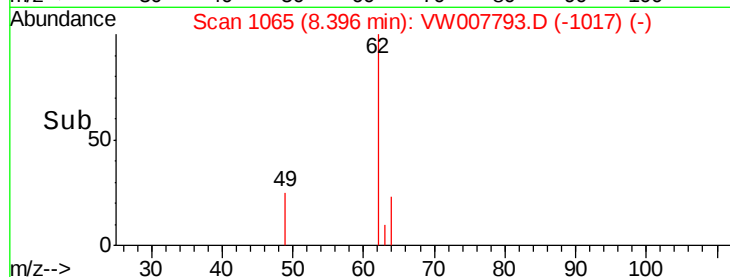
300

200

100

0

Time-->



#48

Methyl methacrylate

Concen: 1.989 ug/l

RT: 9.40 min Scan# 1230

Delta R.T. -0.03 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

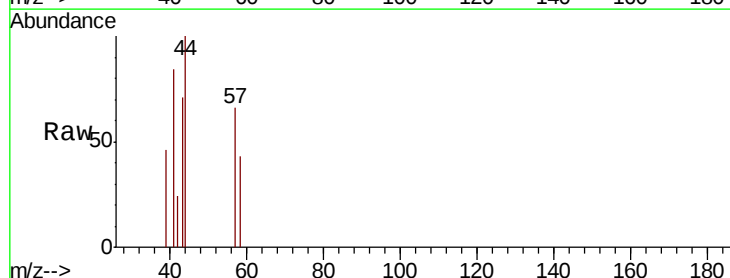
Tgt Ion: 41 Resp: 379

Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.2#

39 70.4 53.9 80.9



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

500

400

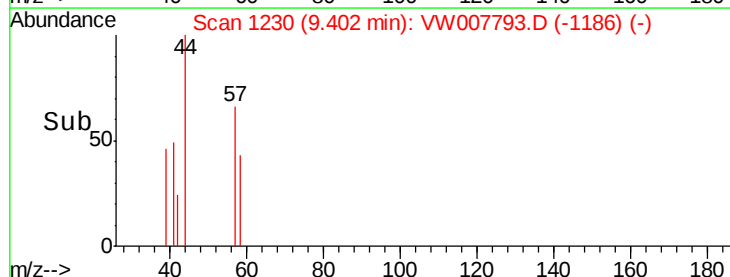
300

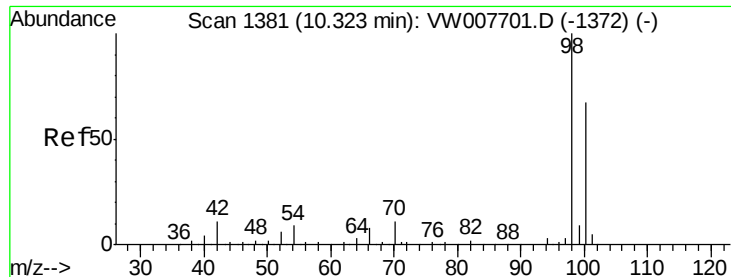
200

100

0

Time-->





#50

Toluene-d8

Concen: 29.504 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

Instrument :

MSVOA_W

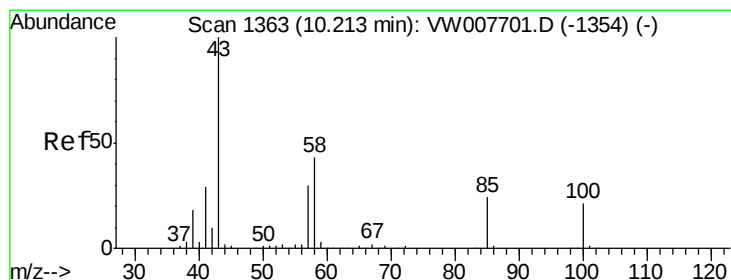
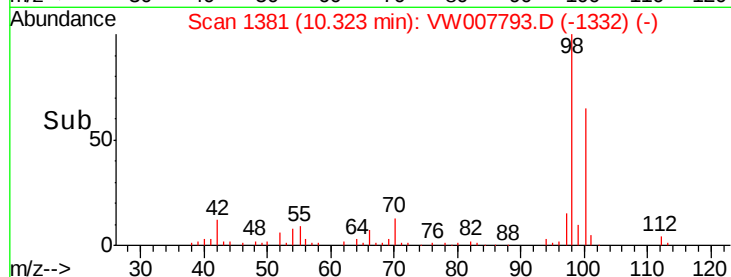
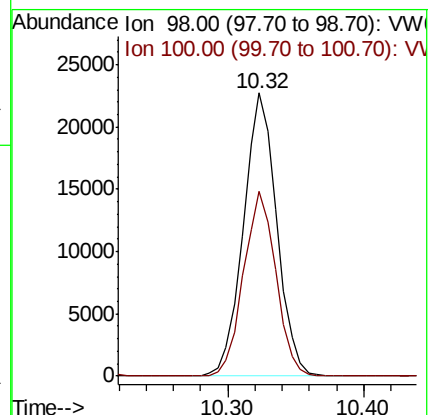
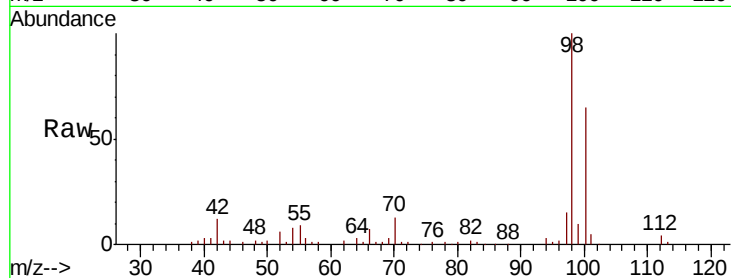
ClientSampled :

Tot Ion: 98 Resp: 38816

Ion Ratio Lower Upper

98 100

100 63.3 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 5.570 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007793.D

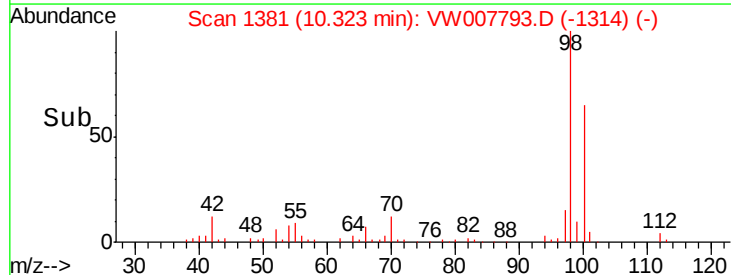
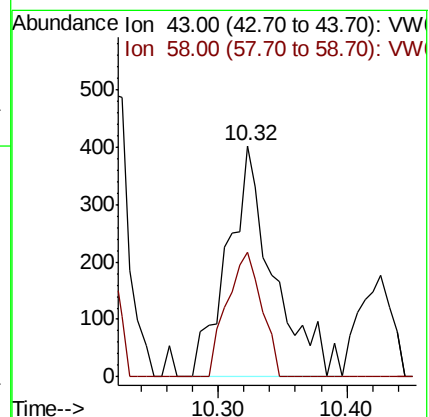
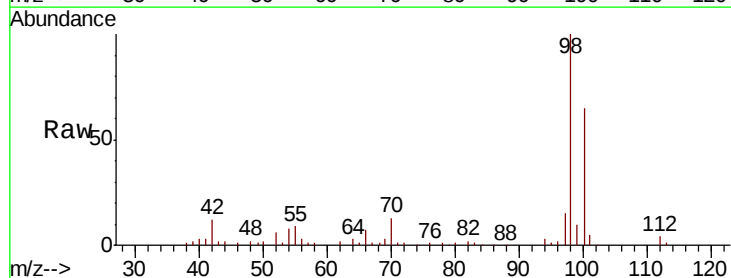
Acq: 21 Dec 2018 14:00

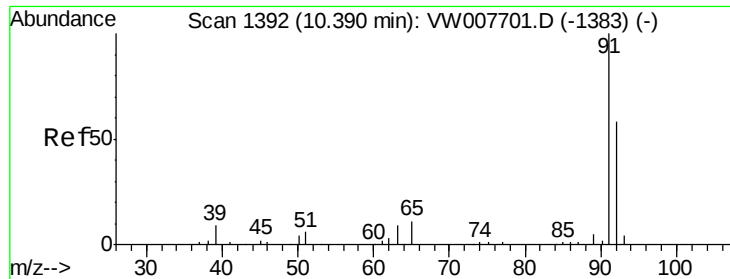
Tgt Ion: 43 Resp: 1005

Ion Ratio Lower Upper

43 100

58 40.9 33.2 49.8





#52

Toluene

Concen: 6.491 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

Instrument :

MSVOA_W

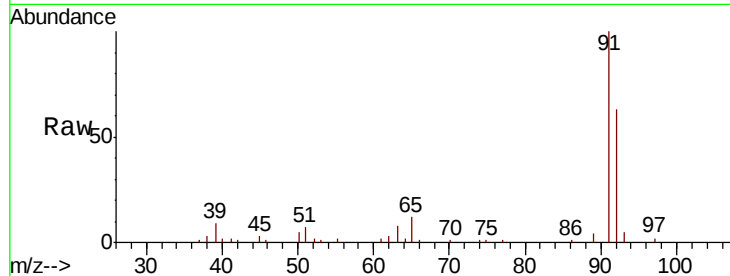
ClientSampleId :

Tot Ion: 92 Resp: 6417

Ion Ratio Lower Upper

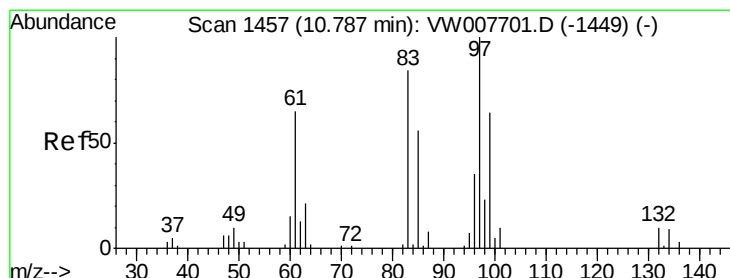
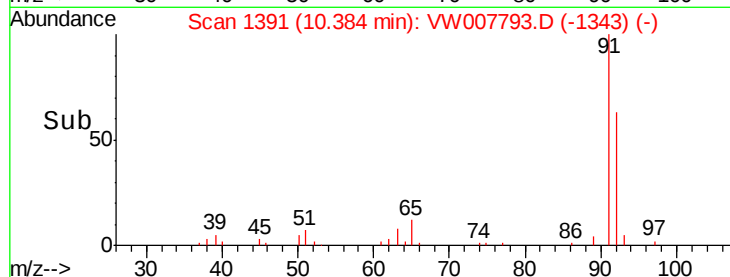
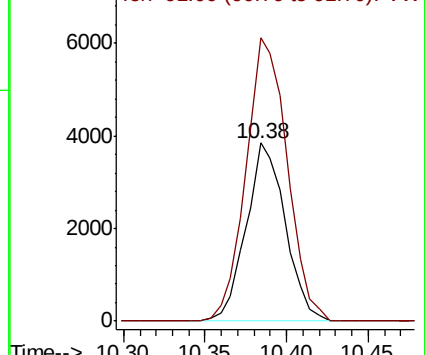
92 100

91 167.9 137.0 205.4



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: 6.138 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

Tgt Ion: 97 Resp: 1703

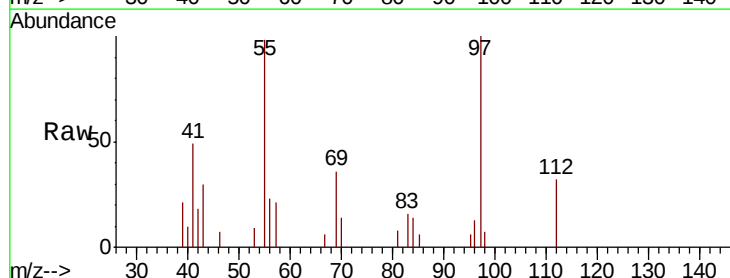
Ion Ratio Lower Upper

97 100

83 16.3 67.5 101.3#

85 6.3 44.8 67.2#

99 0.0 51.0 76.4#

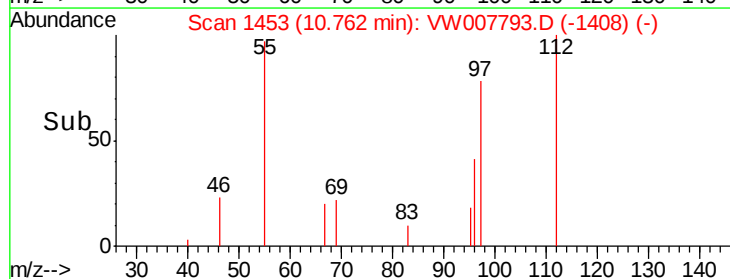
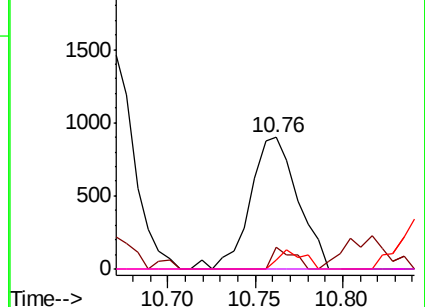


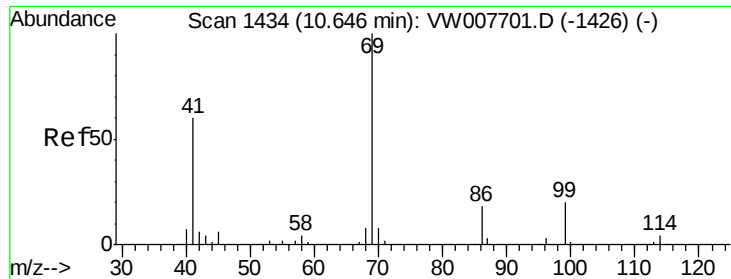
Abundance Ion 96.90 (96.60 to 97.60): VW

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

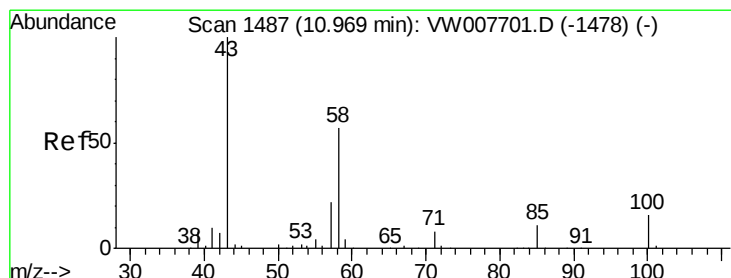
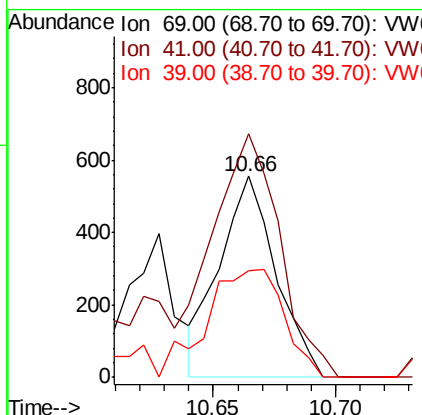
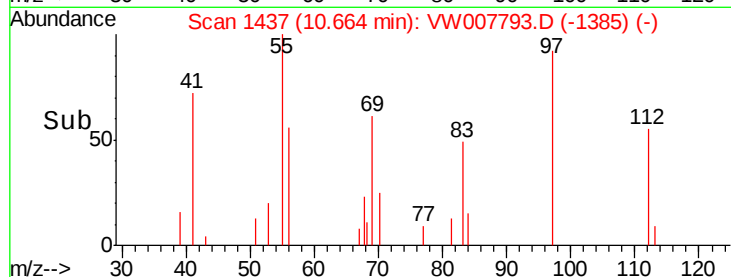
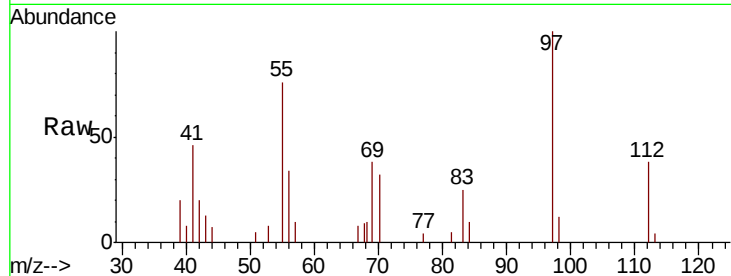




#56
Ethyl methacrylate
Concen: 2.709 ug/l
RT: 10.66 min Scan# 1437
Delta R.T. 0.02 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

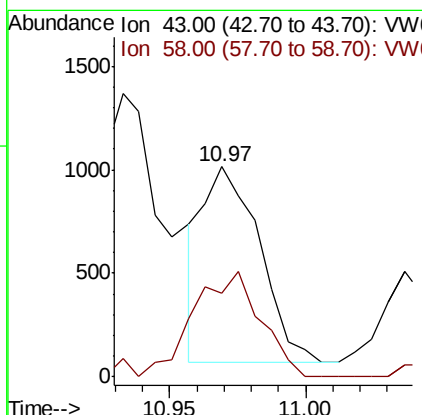
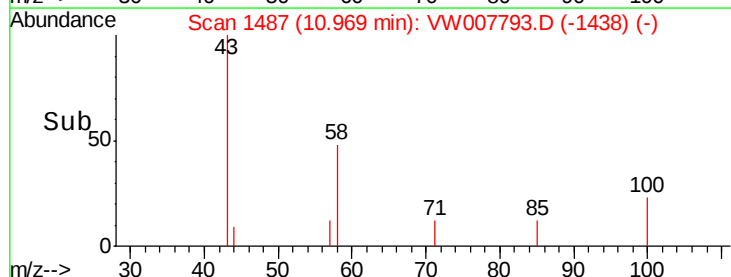
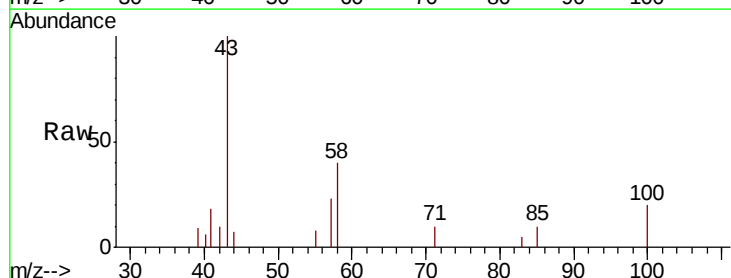
Instrument :
MSVOA_W
ClientSampled :

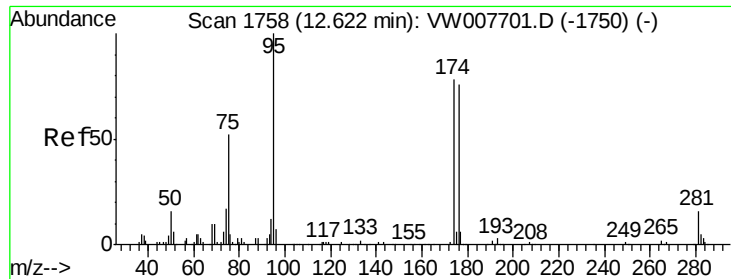
Tot Ion: 69 Resp: 888
Ion Ratio Lower Upper
69 100
41 145.9 48.9 73.3#
39 73.4 31.3 46.9#



#59
2-Hexanone
Concen: 10.766 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

Tgt Ion: 43 Resp: 1366
Ion Ratio Lower Upper
43 100
58 64.0 27.7 83.1

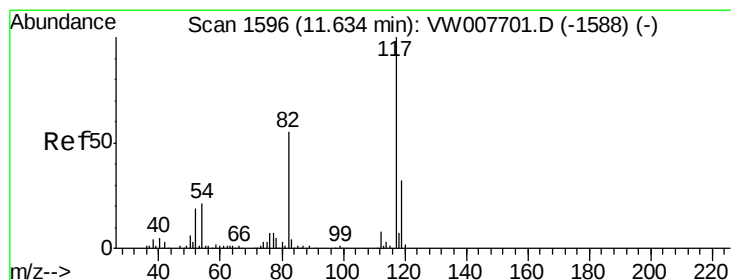
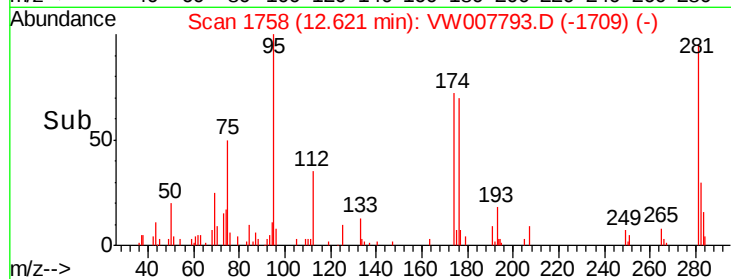
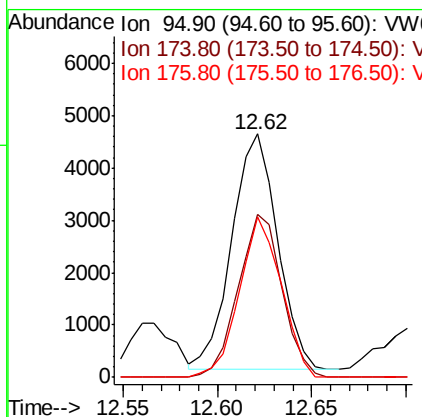
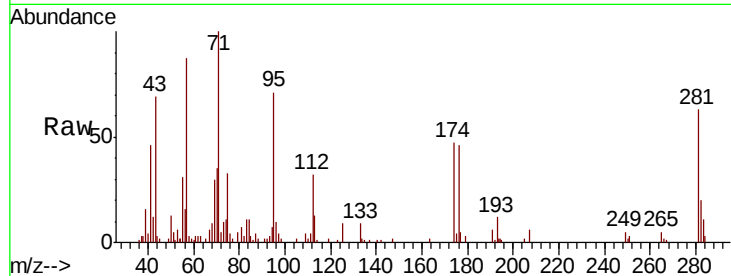




#62
4-Bromofluorobenzene
Concen: 14.827 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

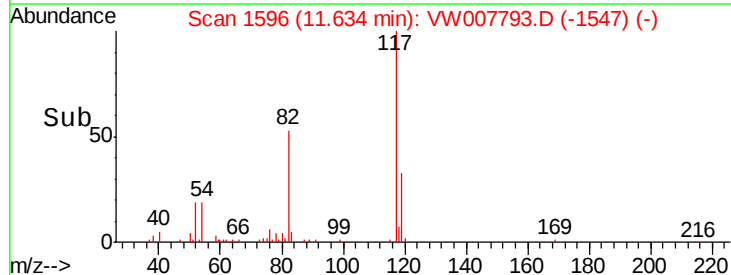
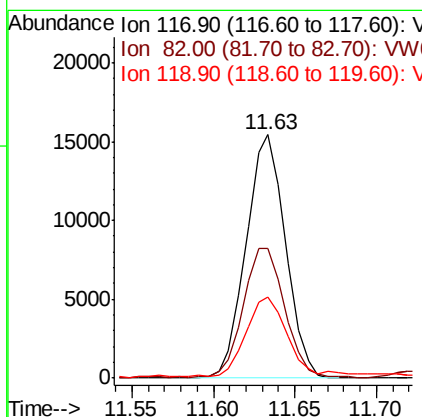
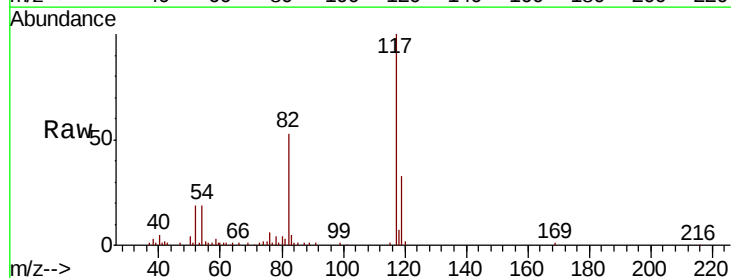
Instrument :
MSVOA_W
ClientSampleId :

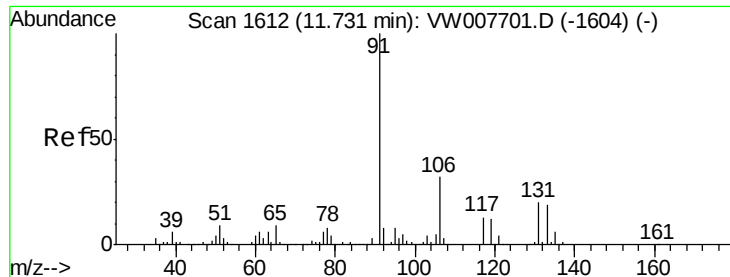
Tot Ion: 95 Resp: 7536
Ion Ratio Lower Upper
95 100
174 66.5 0.0 152.2
176 62.7 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

Tgt Ion: 117 Resp: 25835
Ion Ratio Lower Upper
117 100
82 53.0 44.3 66.5
119 32.3 25.7 38.5

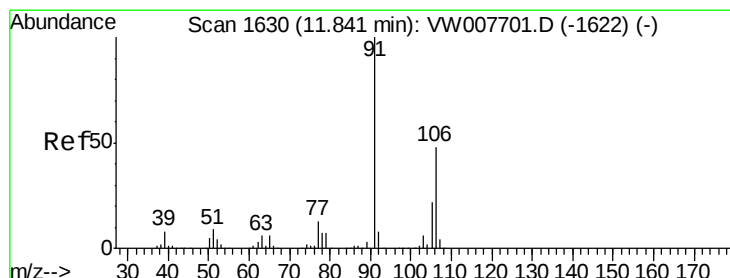
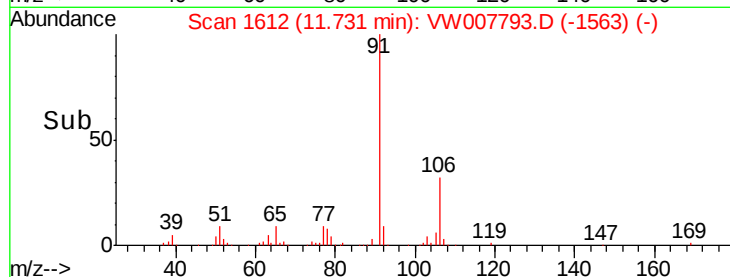
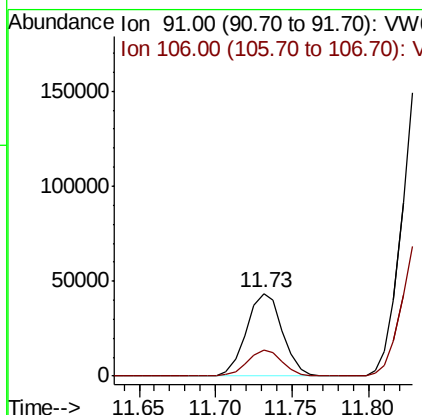
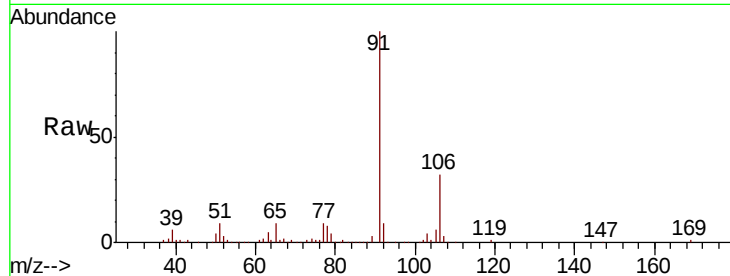




#67
Ethyl Benzene
Concen: 74.515 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

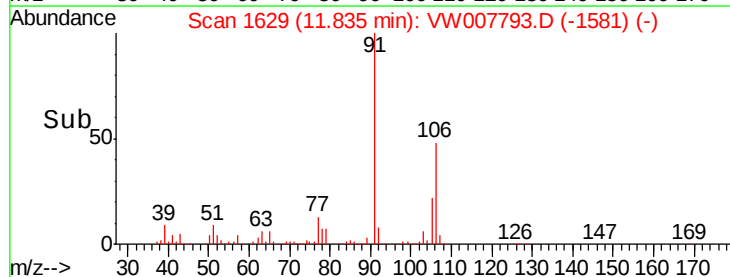
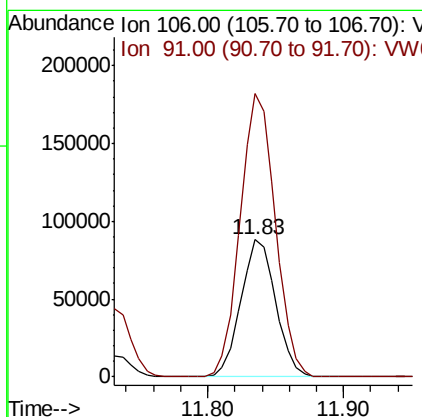
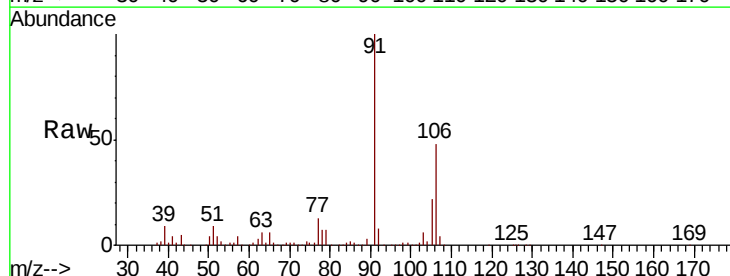
Instrument :
MSVOA_W
ClientSampleId :

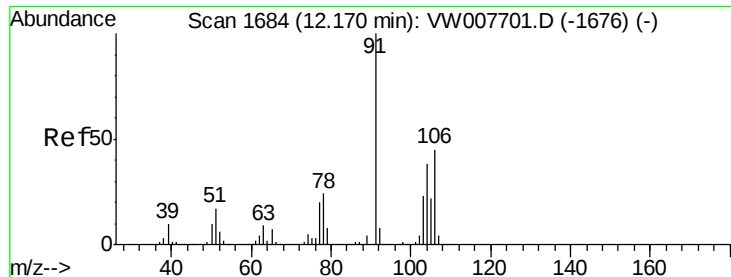
Tot Ion: 91 Resp: 71501
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.8



#68
m/p-Xylenes
Concen: 425.035 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

Tgt Ion: 106 Resp: 158208
Ion Ratio Lower Upper
106 100
91 207.8 165.2 247.8

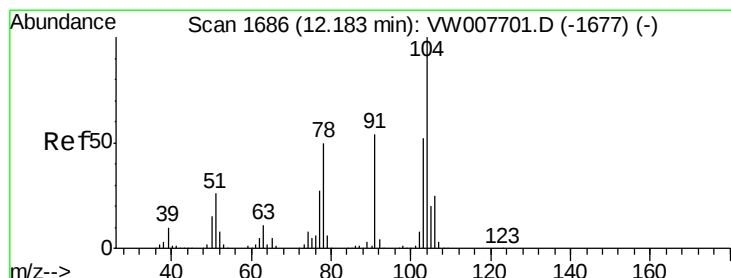
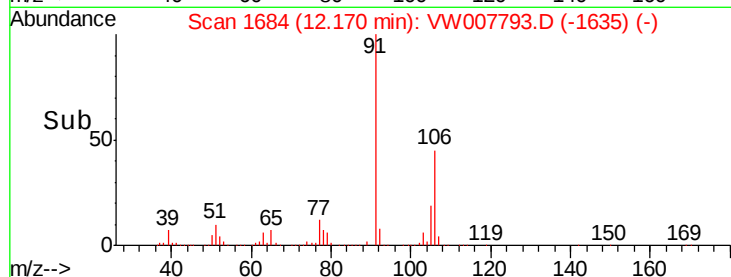
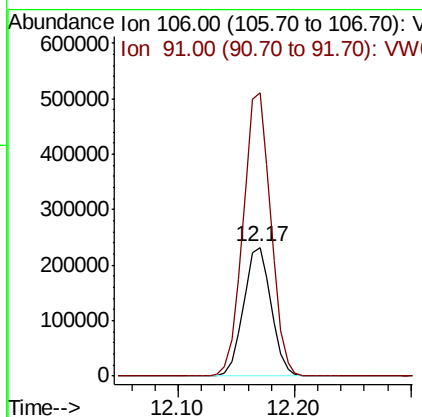
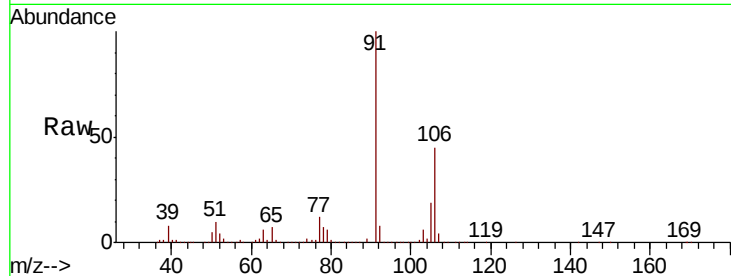




#69
o-Xylene
Concen: 1097.903 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

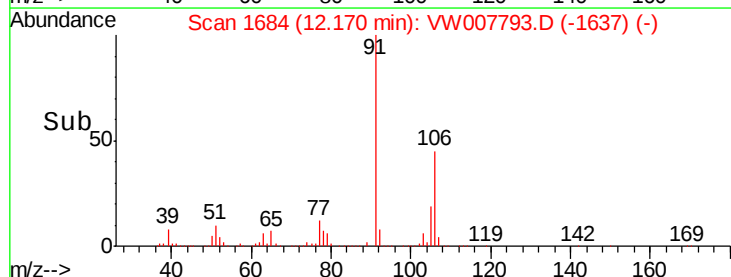
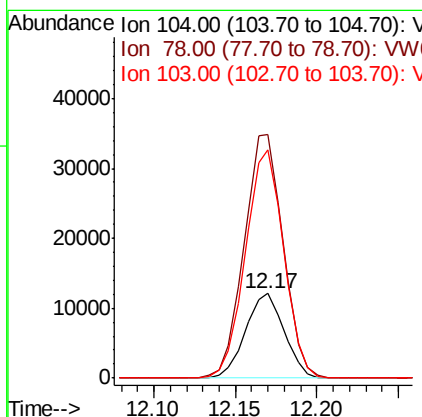
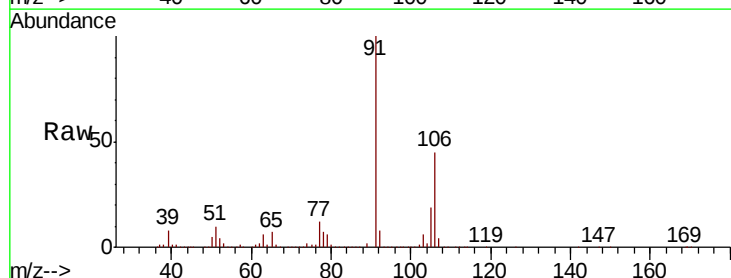
Instrument :
MSVOA_W
ClientSampleId :

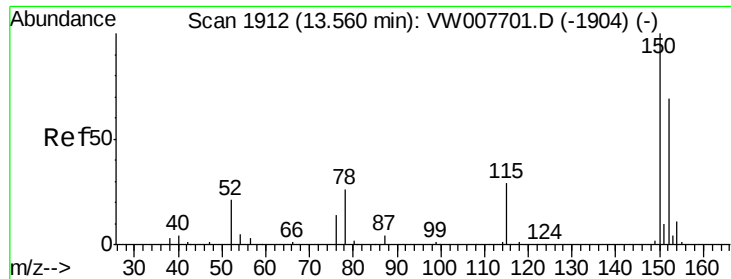
Tot Ion:106 Resp: 383071
Ion Ratio Lower Upper
106 100
91 221.3 110.5 331.4



#70
Styrene
Concen: 34.789 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

Tgt Ion:104 Resp: 19953
Ion Ratio Lower Upper
104 100
78 290.5 43.4 65.0#
103 267.8 44.5 66.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

Instrument :

MSVOA_W

ClientSampled :

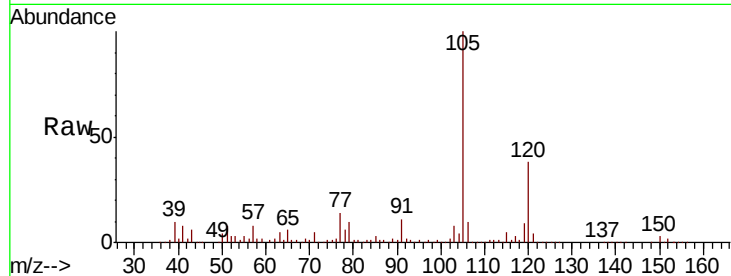
Tot Ion:152 Resp: 5021

Ion Ratio Lower Upper

152 100

115 0.0 31.8 95.4#

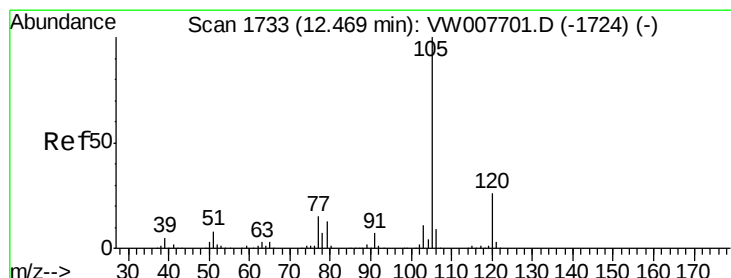
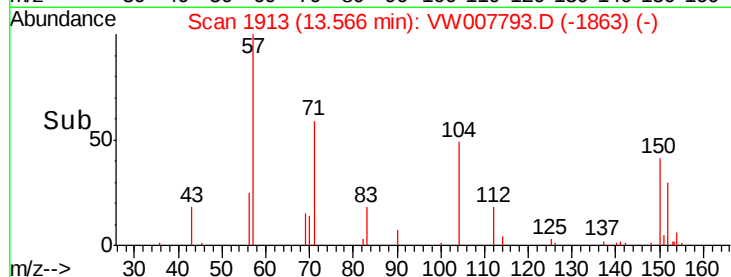
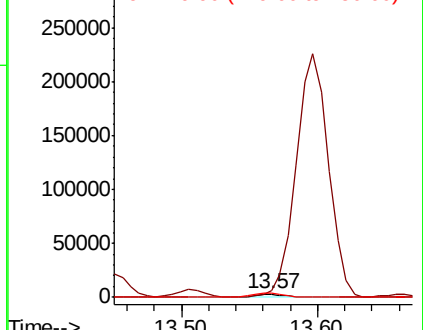
150 138.5 0.0 350.8



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: 1238.980 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007793.D

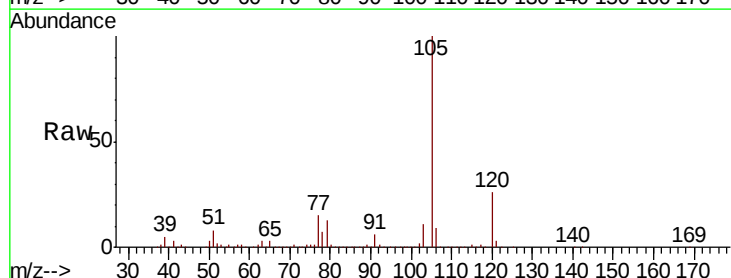
Acq: 21 Dec 2018 14:00

Tgt Ion:105 Resp: 470232

Ion Ratio Lower Upper

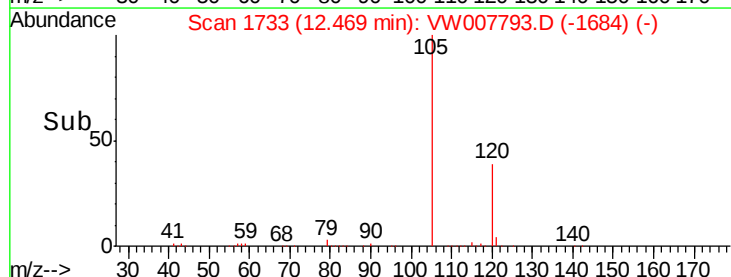
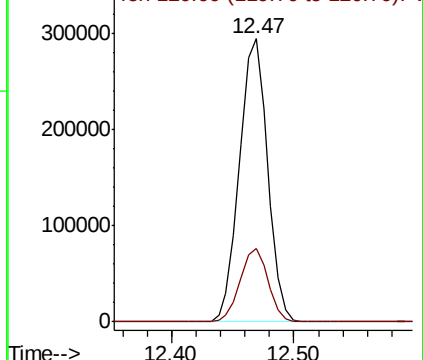
105 100

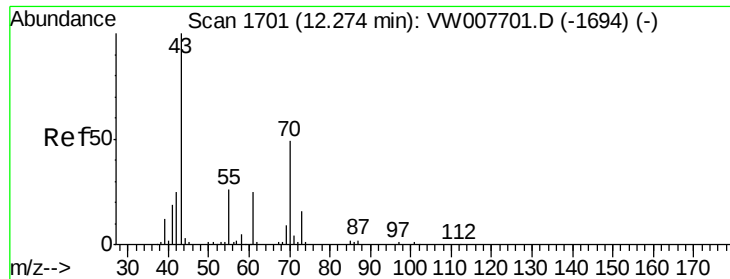
120 25.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 238.559 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 15683

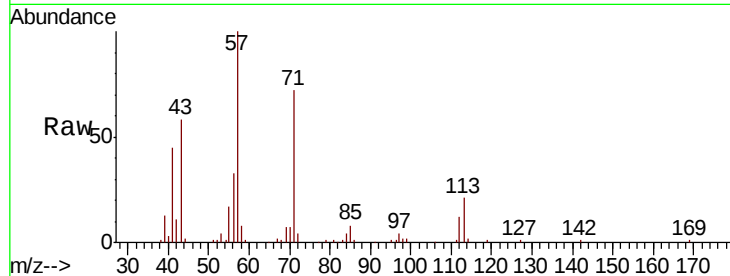
Ion Ratio Lower Upper

43 100

70 15.2 37.6 56.4#

55 30.1 21.7 32.5

61 0.0 20.1 30.1#

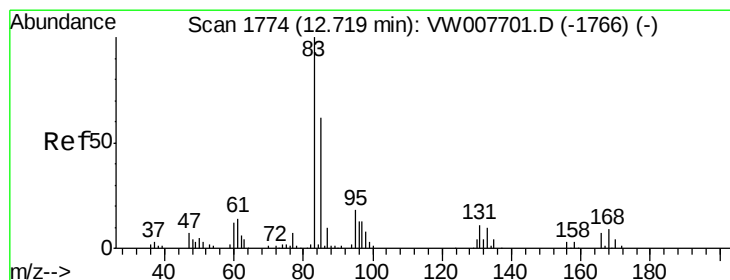
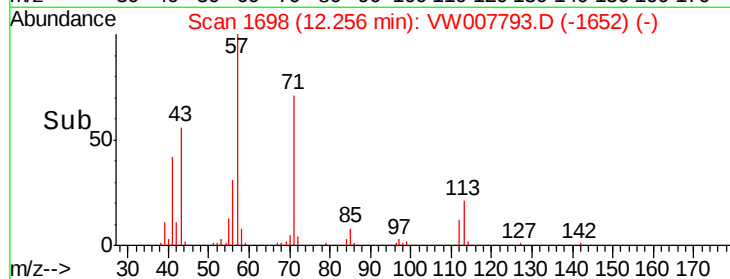
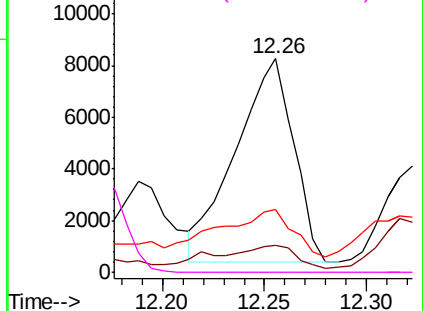


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 63.773 ug/l

RT: 12.66 min Scan# 1764

Delta R.T. -0.06 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

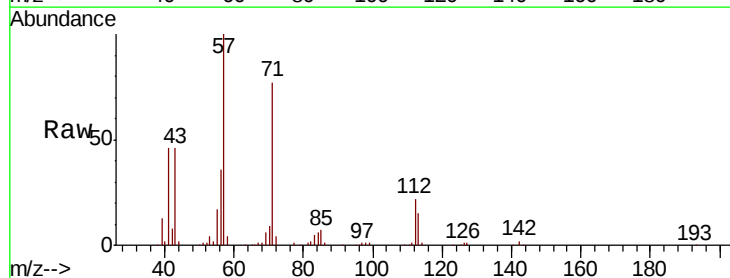
Tgt Ion: 83 Resp: 3629

Ion Ratio Lower Upper

83 100

131 0.0 6.3 18.8#

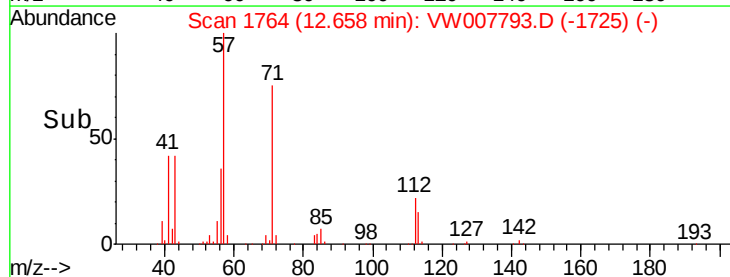
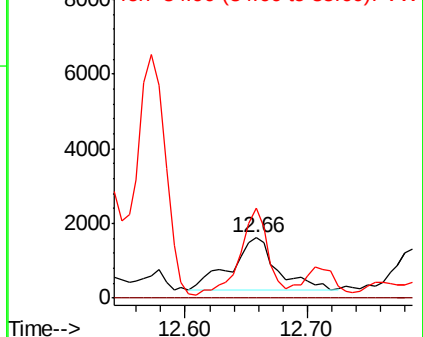
85 99.3 32.3 96.8#

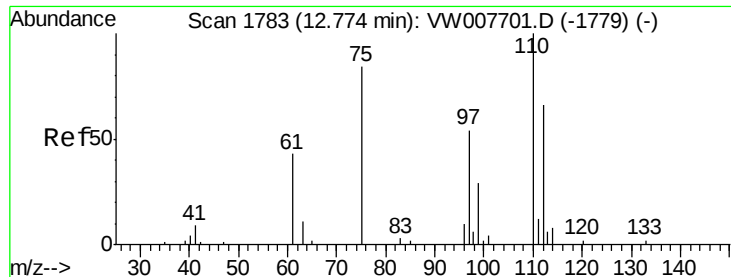


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 315.995 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.03 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

Instrument :

MSVOA_W

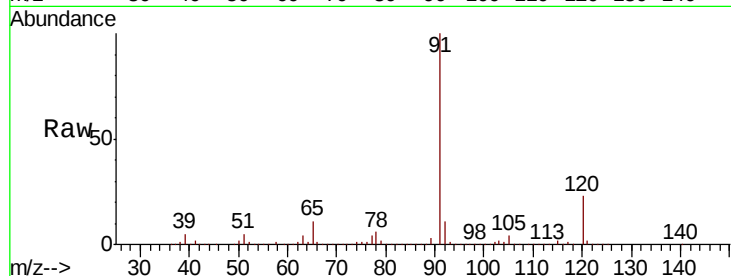
ClientSampleId :

Tot Ion: 75 Resp: 12263

Ion Ratio Lower Upper

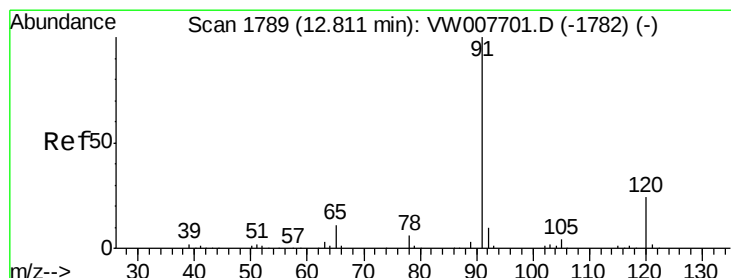
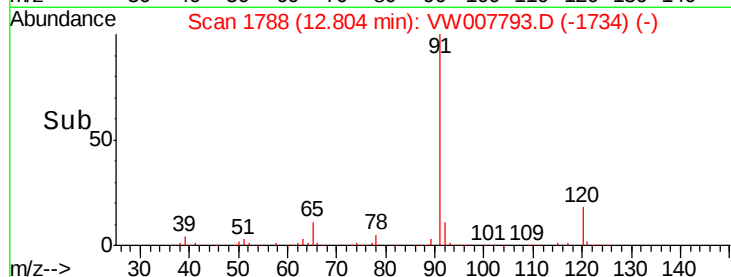
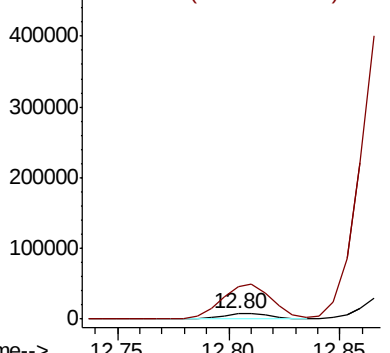
75 100

77 635.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#78

n-propylbenzene

Concen: 4335.778 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007793.D

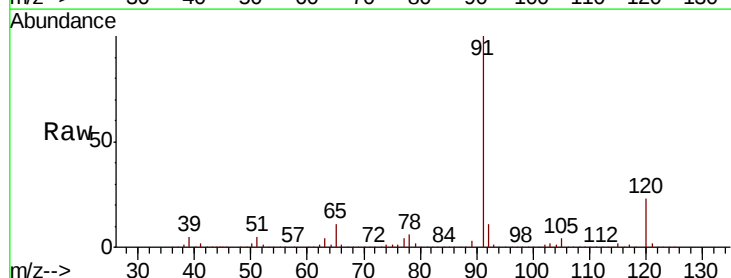
Acq: 21 Dec 2018 14:00

Tgt Ion: 91 Resp: 1915543

Ion Ratio Lower Upper

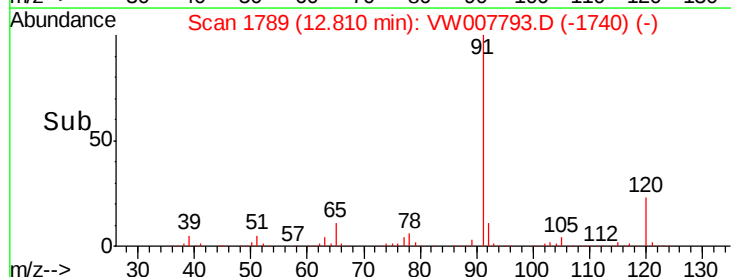
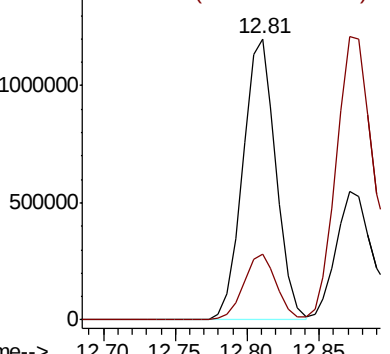
91 100

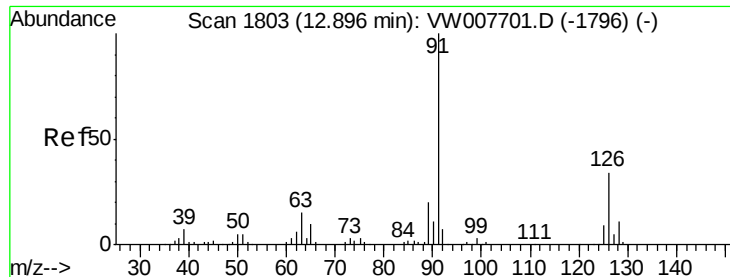
120 23.4 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

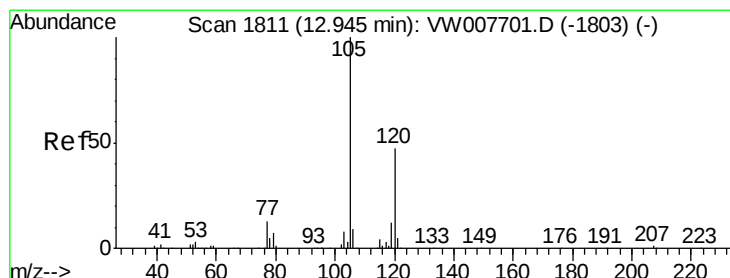
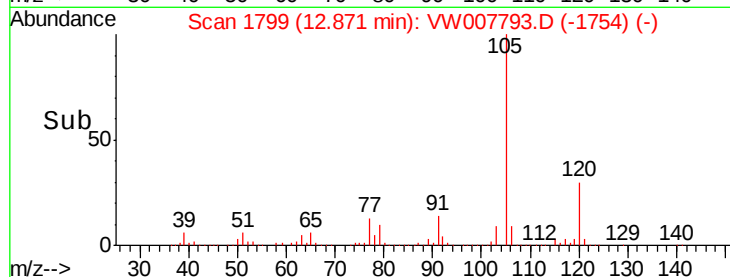
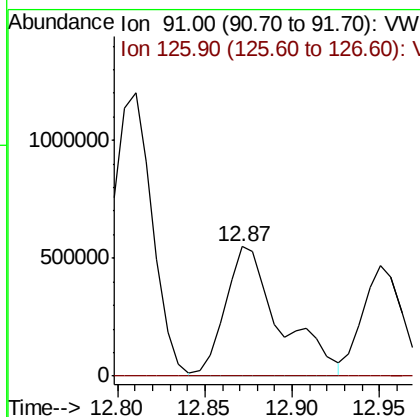
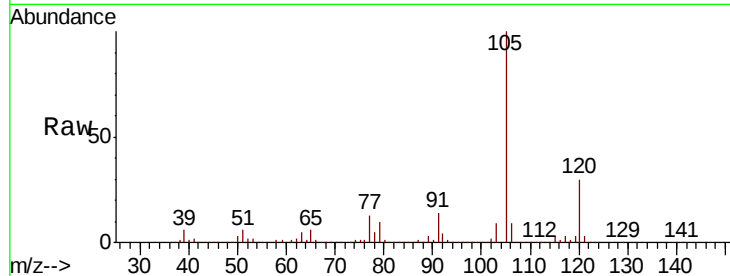




#79
 2-Chlorotoluene
 Concen: 4639.454 ug/l
 RT: 12.87 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: VW007793.D
 Acq: 21 Dec 2018 14:00

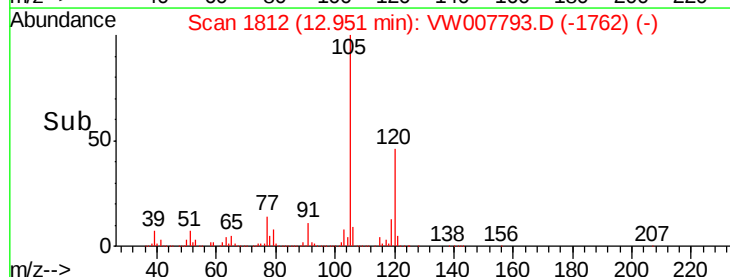
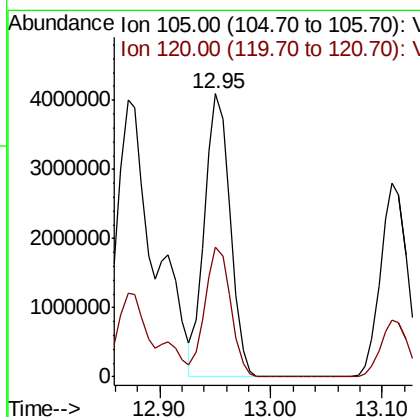
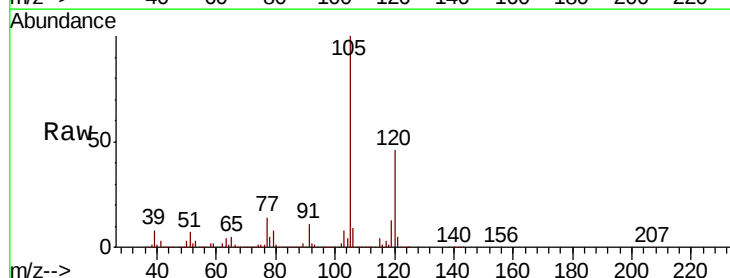
Instrument :
 MSVOA_W
 ClientSampled :

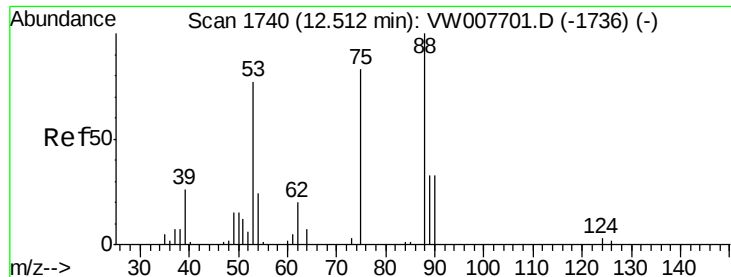
Tot Ion: 91 Resp: 1194053
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.0 51.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 20004.690 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007793.D
 Acq: 21 Dec 2018 14:00

Tgt Ion:105 Resp: 6549002
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 297.328 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

Instrument :

MSVOA_W

ClientSampleId :

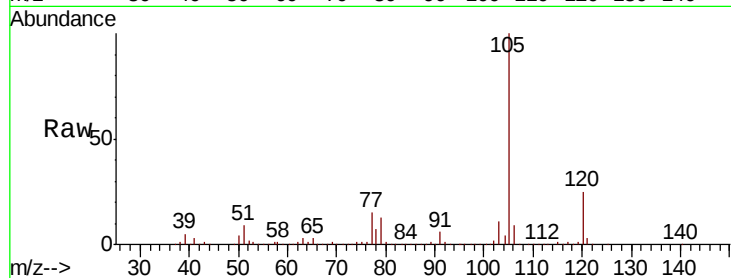
Tot Ion: 75 Resp: 5497

Ion Ratio Lower Upper

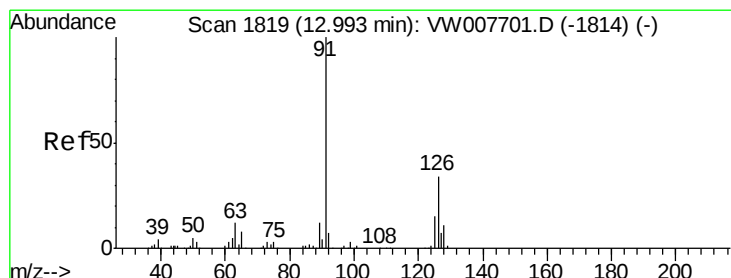
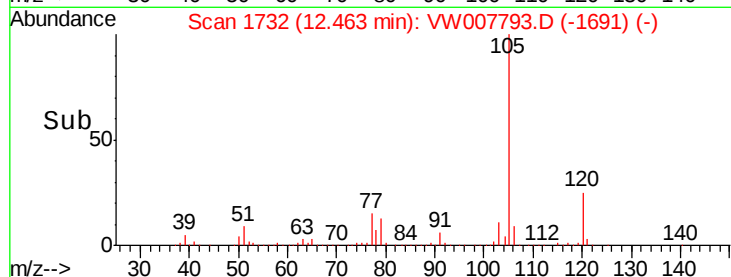
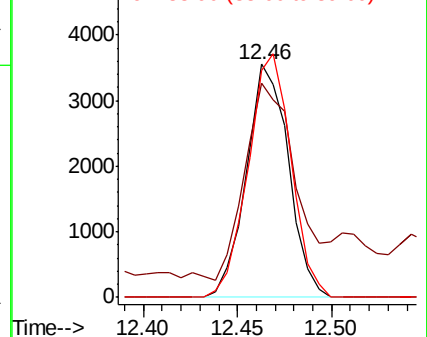
75 100

53 102.5 80.2 120.2

89 106.7 39.2 58.8#



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: 2680.642 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW007793.D

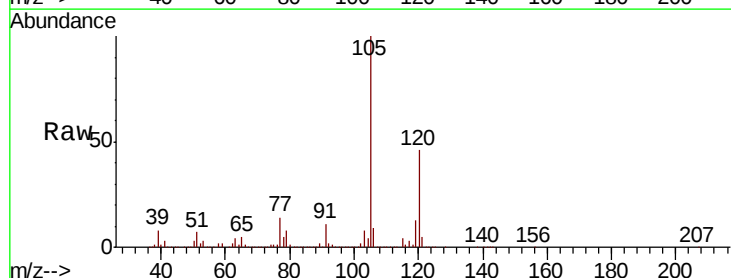
Acq: 21 Dec 2018 14:00

Tgt Ion: 91 Resp: 734597

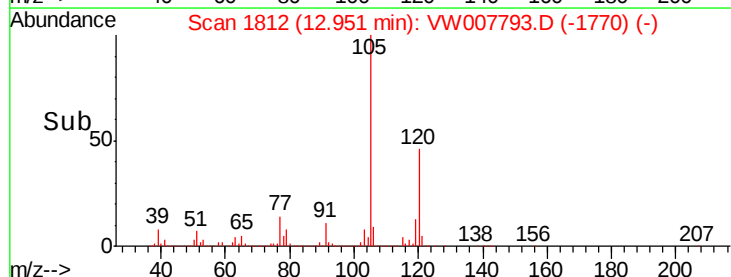
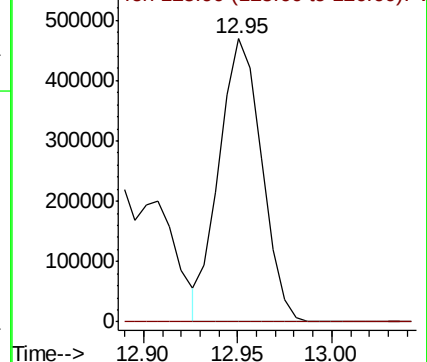
Ion Ratio Lower Upper

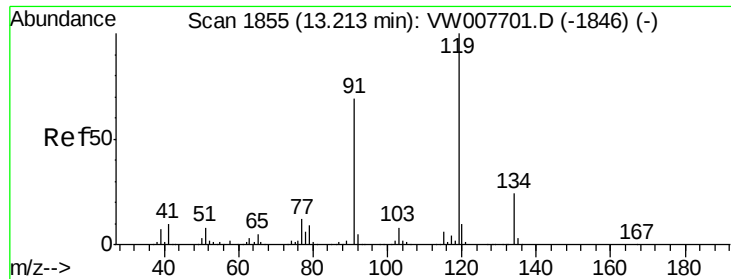
91 100

126 0.0 16.5 49.5#



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

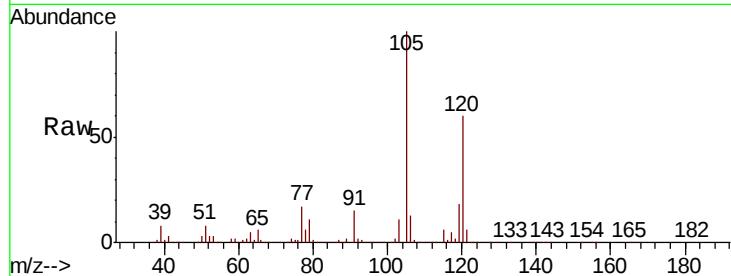




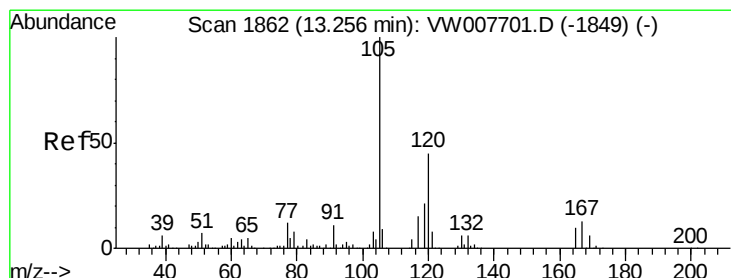
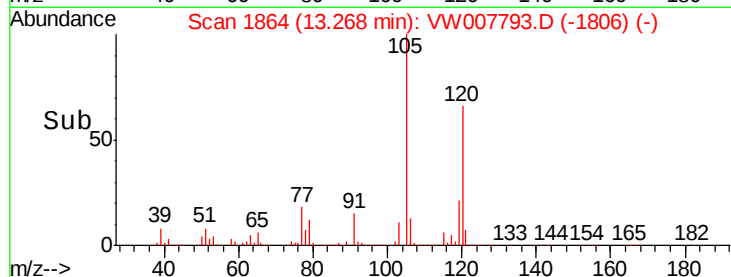
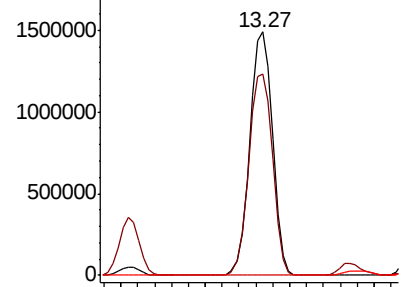
#83
tert-Butylbenzene
Concen: 9718.281 ug/l
RT: 13.27 min Scan# 1864
Delta R.T. 0.05 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 2791527
Ion Ratio Lower Upper
119 100
91 86.6 34.2 102.5
134 0.0 12.8 38.4#

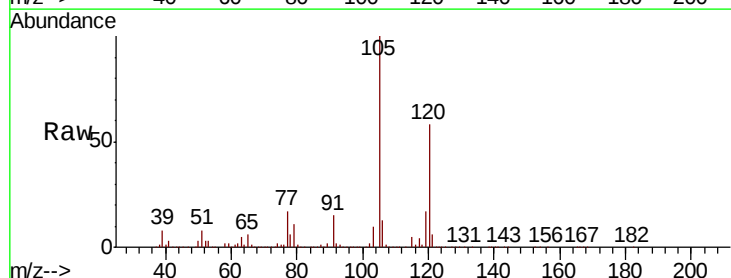


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VW
Ion 134.00 (133.70 to 134.70): V

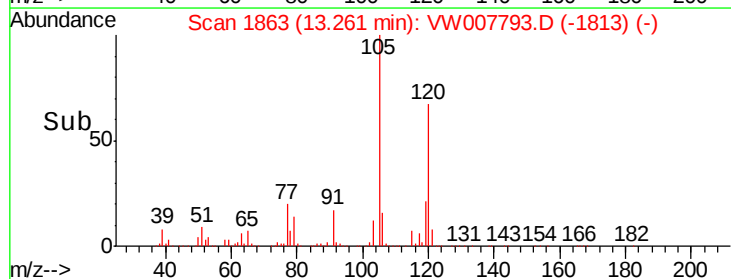
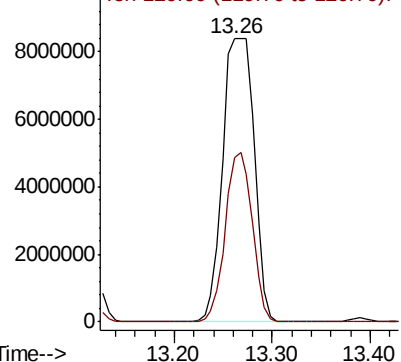


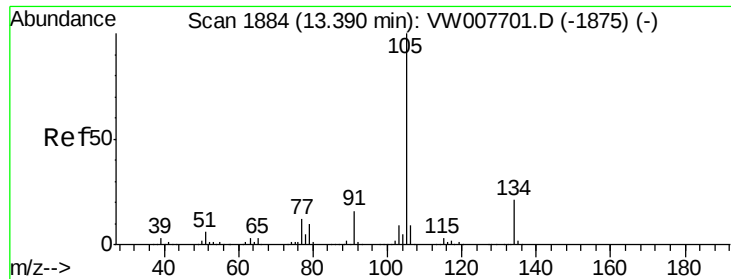
#84
1,2,4-Trimethylbenzene
Concen: 56929.126 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW007793.D
Acq: 21 Dec 2018 14:00

Tgt Ion:105 Resp:18805850
Ion Ratio Lower Upper
105 100
120 50.9 22.0 66.0



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

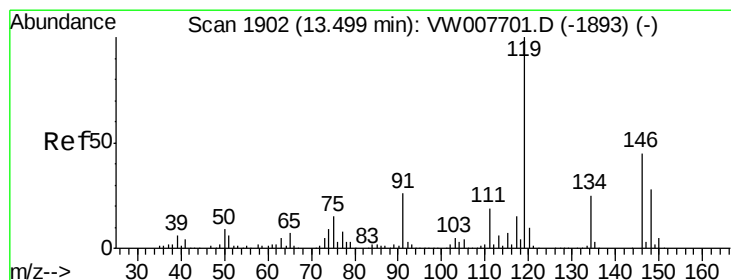
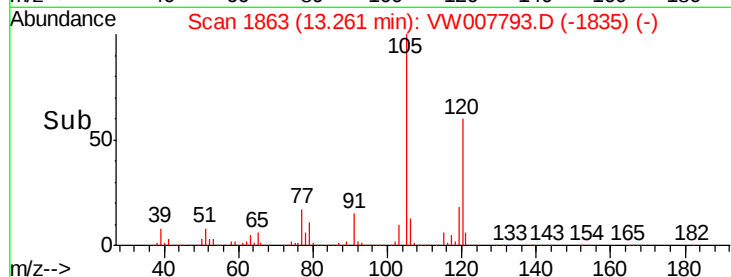
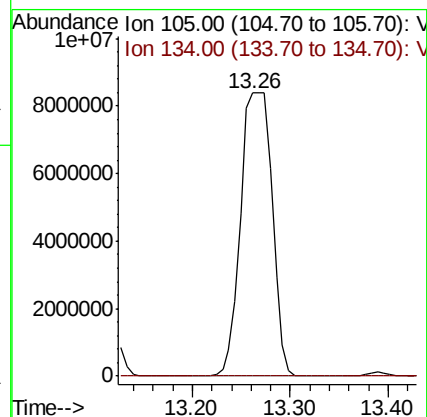
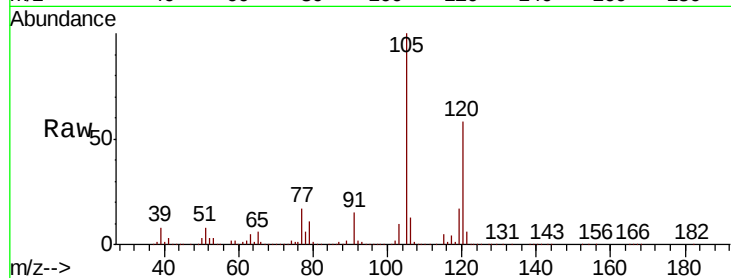




#85
 sec-Butylbenzene
 Concen: 47504.459 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. -0.13 min
 Lab File: VW007793.D
 Acq: 21 Dec 2018 14:00

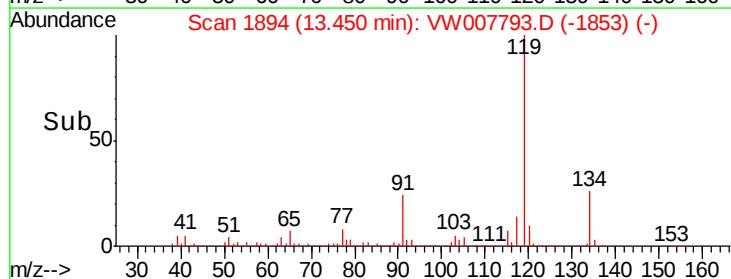
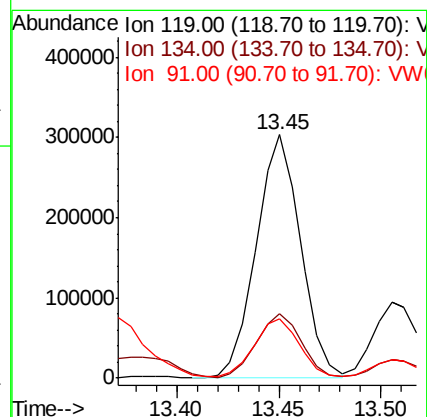
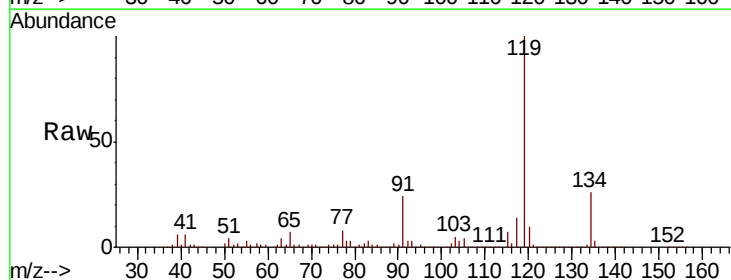
Instrument :
 MSVOA_W
 ClientSampleId :

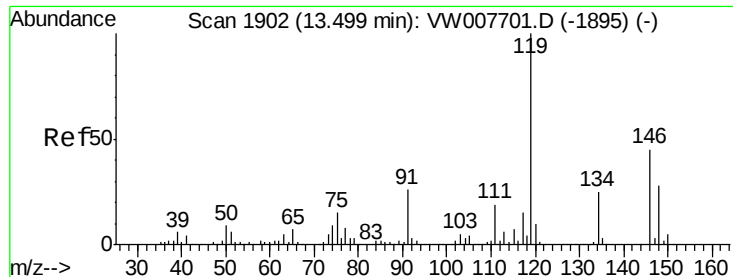
Tot Ion:105 Resp:18805850
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 1275.388 ug/l
 RT: 13.45 min Scan# 1894
 Delta R.T. -0.05 min
 Lab File: VW007793.D
 Acq: 21 Dec 2018 14:00

Tgt Ion:119 Resp: 459108
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 39.0
 91 24.1 12.8 38.4

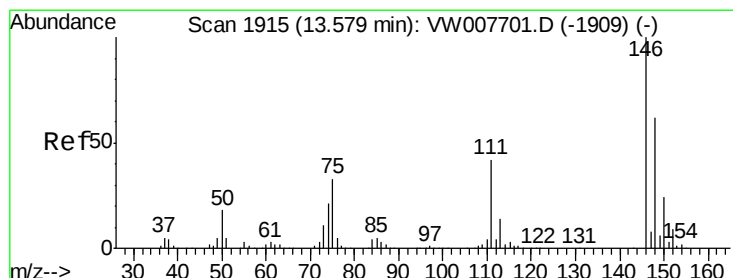
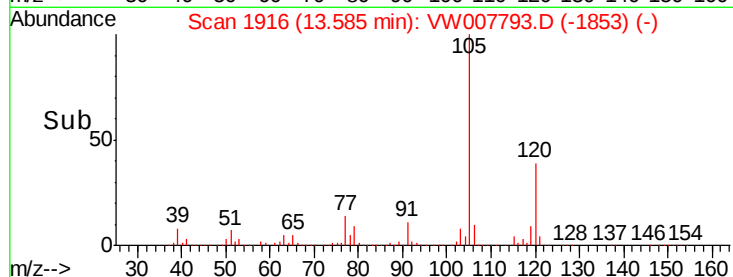
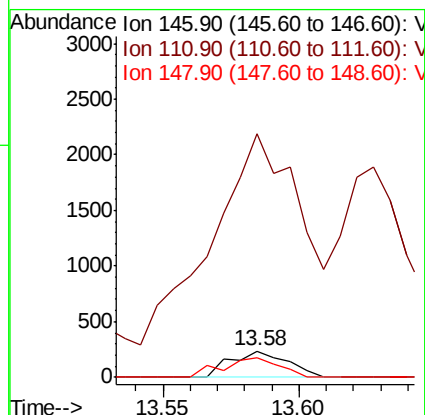
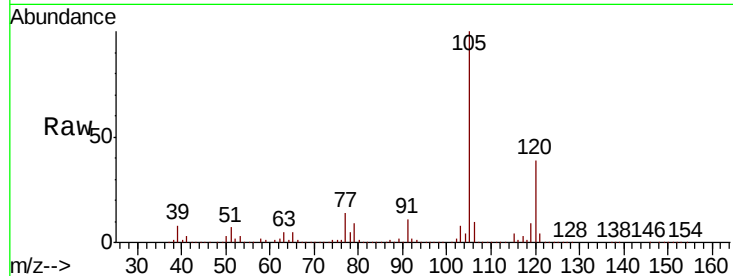




#87
 1,3-Dichlorobenzene
 Concen: 1.969 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.09 min
 Lab File: VW007793.D
 Acq: 21 Dec 2018 14:00

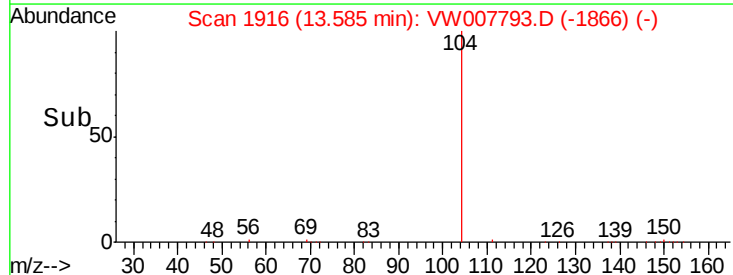
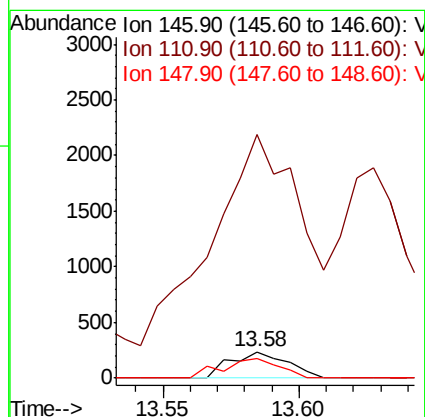
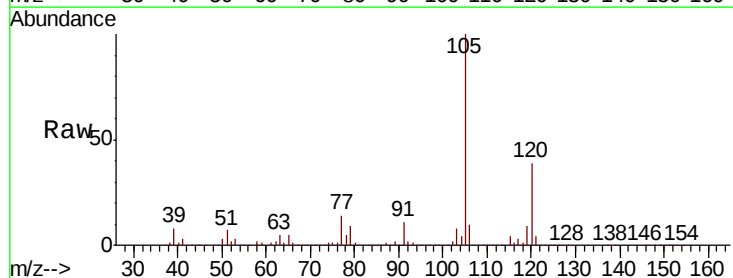
Instrument :
 MSVOA_W
 ClientSampleId :

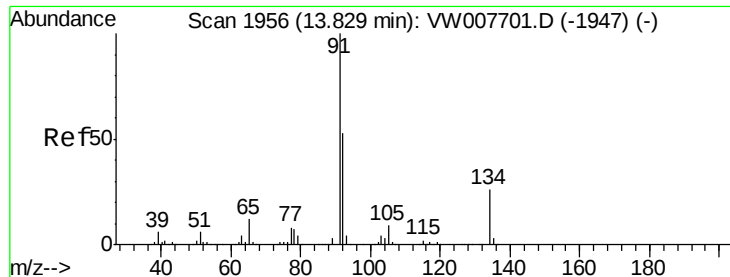
Tot Ion:146 Resp: 340
 Ion Ratio Lower Upper
 146 100
 111 1263.2 21.1 63.4#
 148 73.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 1.968 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007793.D
 Acq: 21 Dec 2018 14:00

Tgt Ion:146 Resp: 340
 Ion Ratio Lower Upper
 146 100
 111 1263.2 21.0 63.0#
 148 73.2 31.8 95.4





#89

n-Butylbenzene

Concen: 642.455 ug/l

RT: 13.79 min Scan# 1950

Delta R.T. -0.04 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

Instrument :

MSVOA_W

ClientSampled :

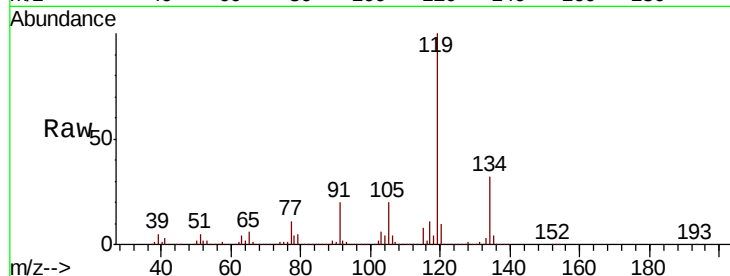
Tot Ion: 91 Resp: 212044

Ion Ratio Lower Upper

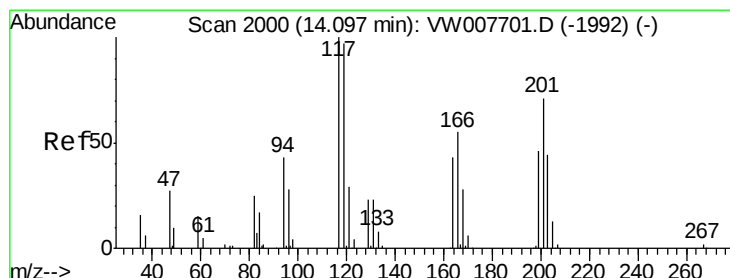
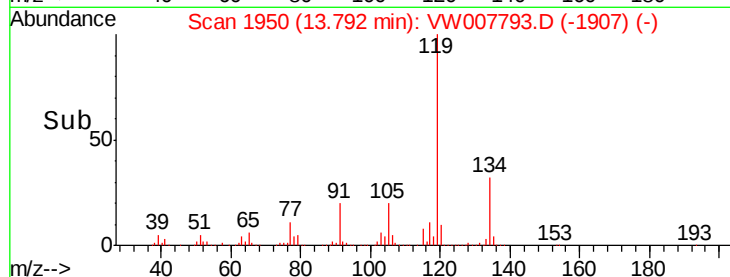
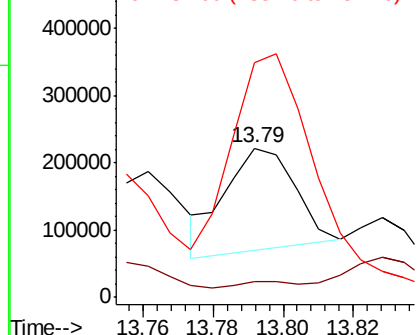
91 100

92 0.0 26.4 79.2#

134 306.8 13.7 41.0#



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 2723.697 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007793.D

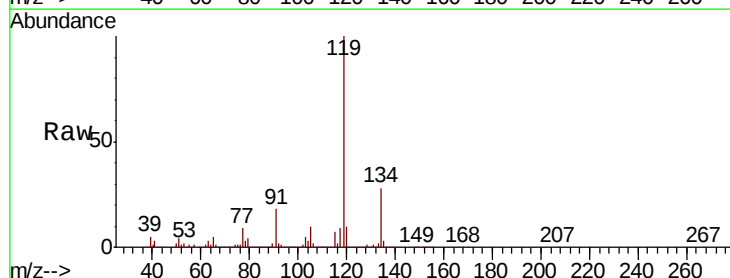
Acq: 21 Dec 2018 14:00

Tgt Ion: 117 Resp: 172131

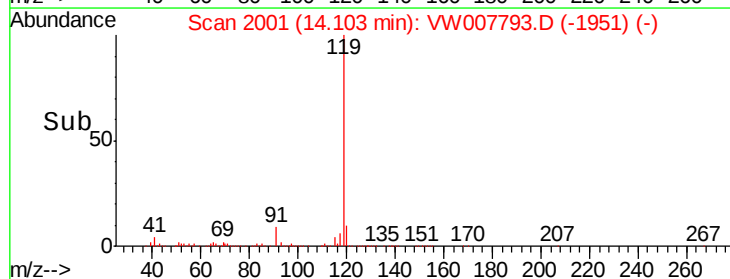
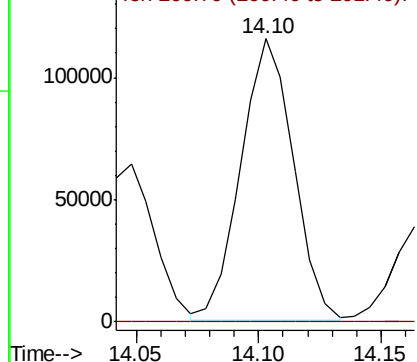
Ion Ratio Lower Upper

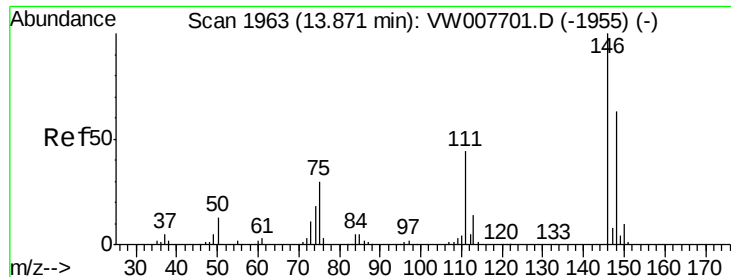
117 100

201 0.0 36.2 108.6#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 2.348 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW007793.D

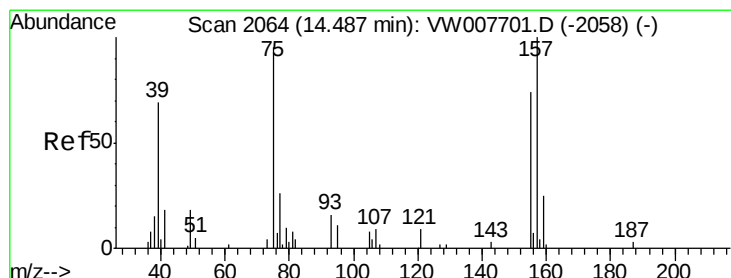
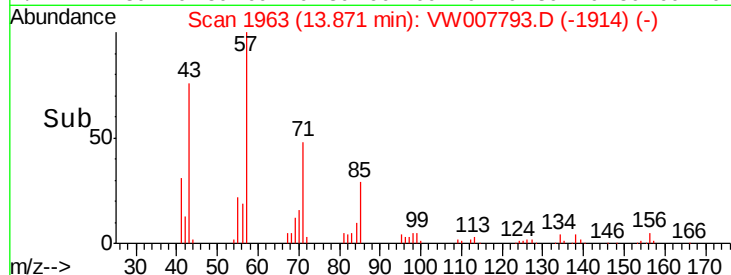
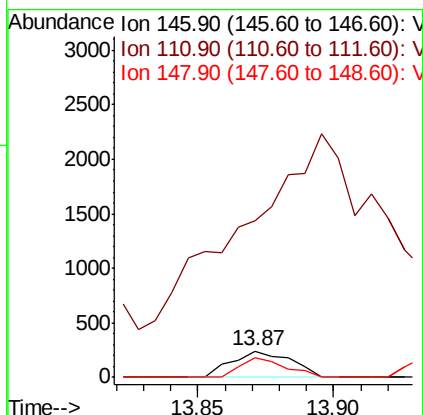
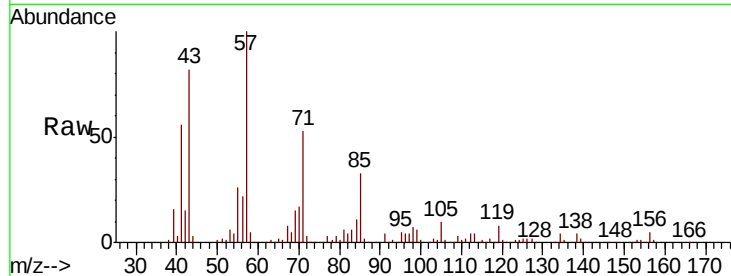
Acq: 21 Dec 2018 14:00

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:	146	Resp:	363
Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.7	65.1#
148	55.6	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 103.456 ug/l

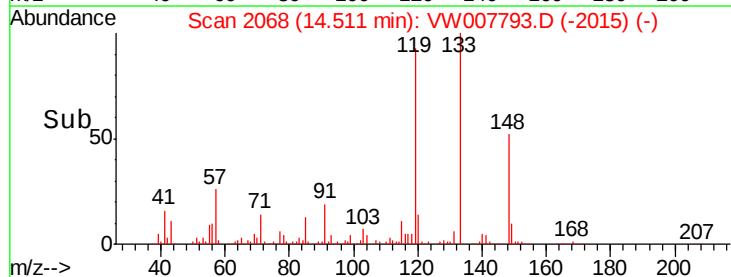
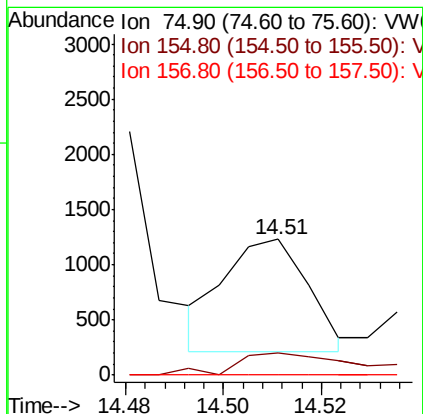
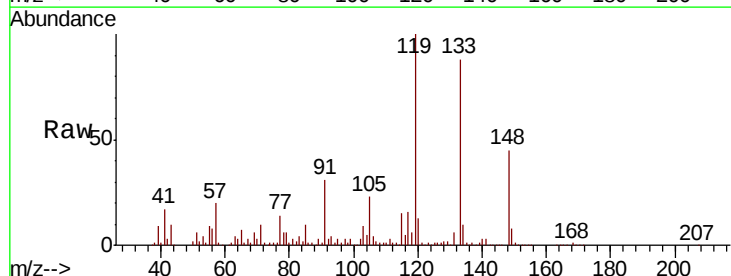
RT: 14.51 min Scan# 2068

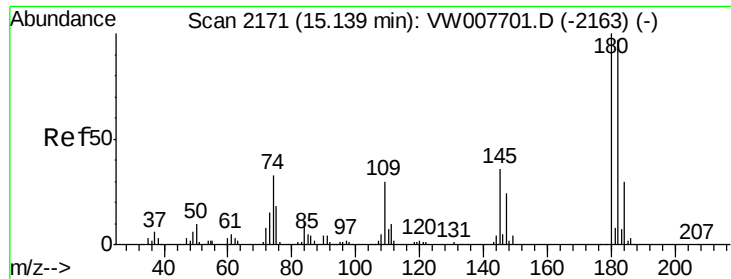
Delta R.T. 0.02 min

Lab File: VW007793.D

Acq: 21 Dec 2018 14:00

Tgt Ion:	75	Resp:	1209
Ion	Ratio	Lower	Upper
75	100		
155	30.3	39.4	118.1#
157	0.0	52.0	156.0#

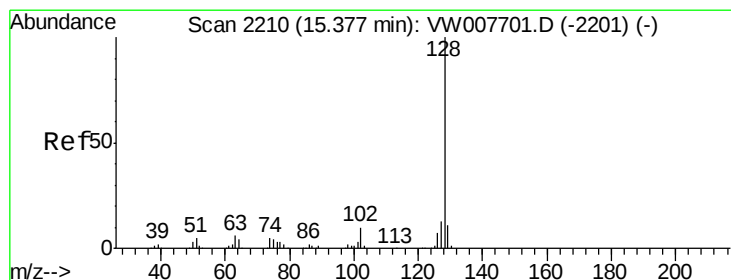
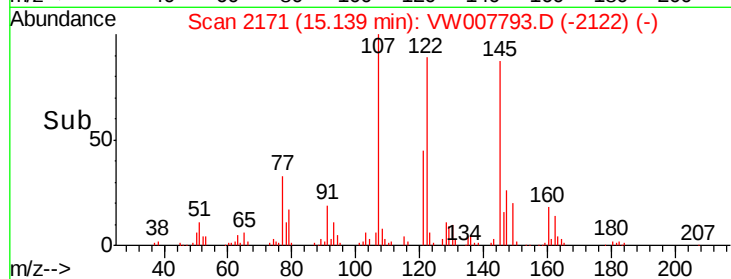
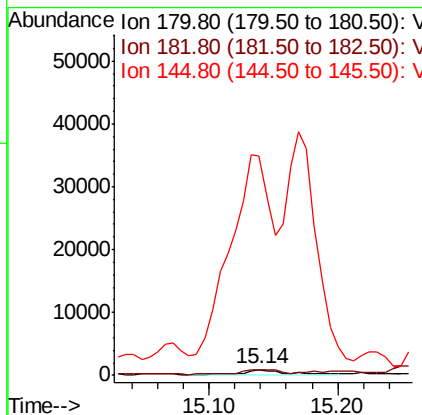
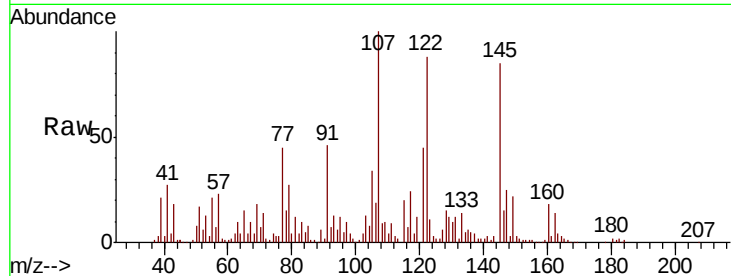




#93
 1,2,4-Trichlorobenzene
 Concen: 17.097 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007793.D
 Acq: 21 Dec 2018 14:00

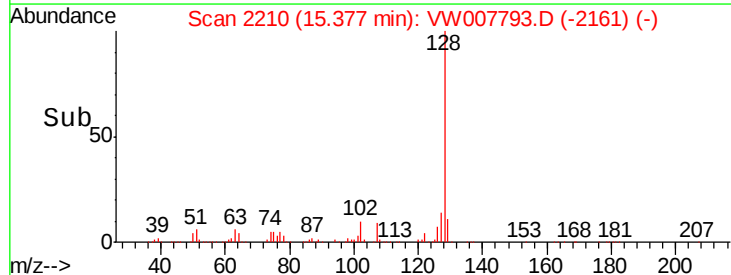
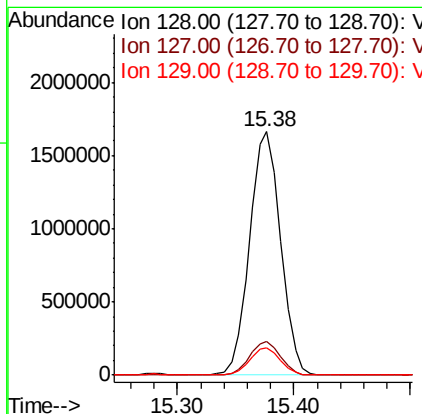
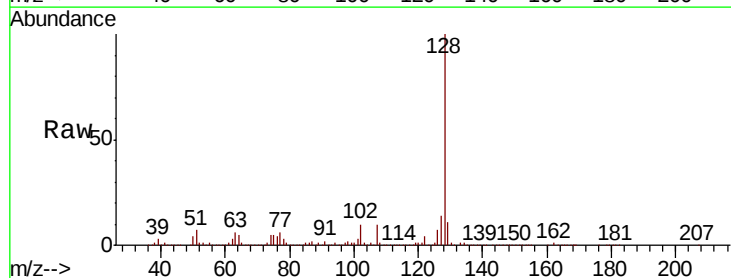
Instrument :
 MSVOA_W
 ClientSampled :

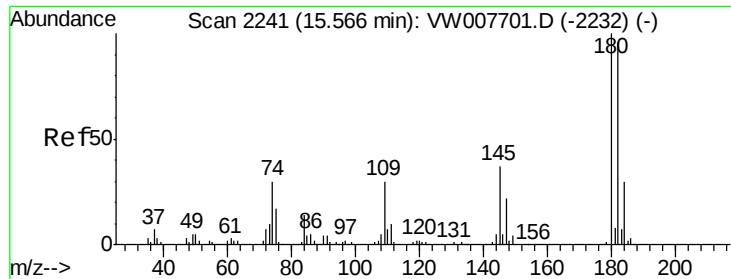
Tot Ion:180 Resp: 1835
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.5 142.6
 145 4368.8 17.5 52.5#



#95
 Naphthalene
 Concen: 15497.928 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW007793.D
 Acq: 21 Dec 2018 14:00

Tgt Ion:128 Resp: 3075338
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.7 16.1
 129 11.0 8.8 13.2

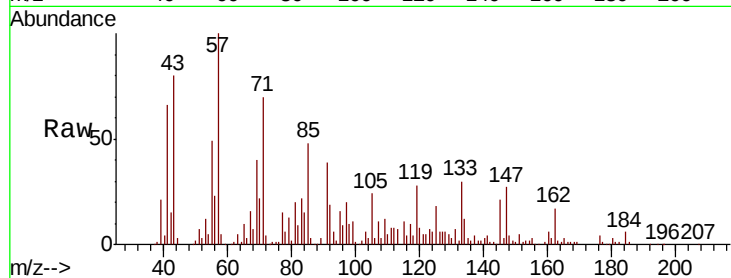




#96
 1,2,3-Trichlorobenzene
 Concen: 8.359 ug/l
 RT: 15.58 min Scan# 2244
 Delta R.T. 0.02 min
 Lab File: VW007793.D
 Acq: 21 Dec 2018 14:00

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.4	142.2#
145	0.0	18.4	55.0#



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

