

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122318\
 Data File : VW007809.D
 Acq On : 21 Dec 2018 21:33
 Operator : SY/AP
 Sample : J6392-16RE
 Misc : 5.38G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 23:50:49 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	88292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	149087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	133517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64545	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	47704	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	7.88	113	40817	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
50) Toluene-d8	10.32	98	162184	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
62) 4-Bromofluorobenzene	12.62	95	63051	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.18	59	431	6.602	ug/l #	73
16) Acetone	4.12	43	5732	31.631	ug/l	95
17) Carbon Disulfide	4.38	76	3324	1.233	ug/l #	92
19) Methyl tert-butyl Ether	5.42	73	2309	1.846	ug/l #	1
20) Methylene Chloride	4.90	84	755	Below Cal	#	89
25) 2-Butanone	7.18	43	1763	8.306	ug/l #	65
31) Cyclohexane	7.93	56	4622	3.208	ug/l #	72
36) 1,1-Dichloropropene	7.94	75	6396	4.445	ug/l #	50
37) Ethyl Acetate	7.18	43	1763	3.550	ug/l #	68
38) Carbon Tetrachloride	7.95	117	9369	5.529	ug/l #	16
39) Methylcyclohexane	9.34	83	19118	10.692	ug/l #	82
43) Isopropyl Acetate	8.41	43	5945	5.975	ug/l #	49
47) Bromodichloromethane	9.62	83	1549	1.123	ug/l #	62
48) Methyl methacrylate	9.47	41	3260	6.564	ug/l #	23
51) 4-Methyl-2-Pentanone	10.25	43	5609	11.929	ug/l #	78
52) Toluene	10.40	92	2658	1.032	ug/l	99
55) 1,1,2-Trichloroethane	10.76	97	10499	14.521	ug/l #	28
56) Ethyl methacrylate	10.67	69	1062	1.243	ug/l #	1
59) 2-Hexanone	10.94	43	6933	20.966	ug/l #	28
73) Isopropylbenzene	12.47	105	67197	13.773	ug/l	99
74) N-amyl acetate	12.26	43	2864	3.389	ug/l #	52
76) 1,2,3-Trichloropropane	12.62	75	31417	62.976	ug/l #	100
77) Bromobenzene	12.88	156	1133	1.013	ug/l #	1
78) n-propylbenzene	12.81	91	81214	14.300	ug/l	98
79) 2-Chlorotoluene	12.81	91	81214	24.547	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.11	105	5497	1.306	ug/l	75
81) trans-1,4-Dichloro-2-buten	12.62	75	31417	132.191	ug/l #	9
82) 4-Chlorotoluene	12.81	91	81214	23.054	ug/l #	42
85) sec-Butylbenzene	13.38	105	17730	3.484	ug/l #	57
86) p-Isopropyltoluene	13.66	119	7496	1.620	ug/l	96
89) n-Butylbenzene	13.83	91	11228	2.646	ug/l #	76
90) Hexachloroethane	14.10	117	11264	13.865	ug/l #	13
95) Naphthalene	15.37	128	2819	1.105	ug/l #	91

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

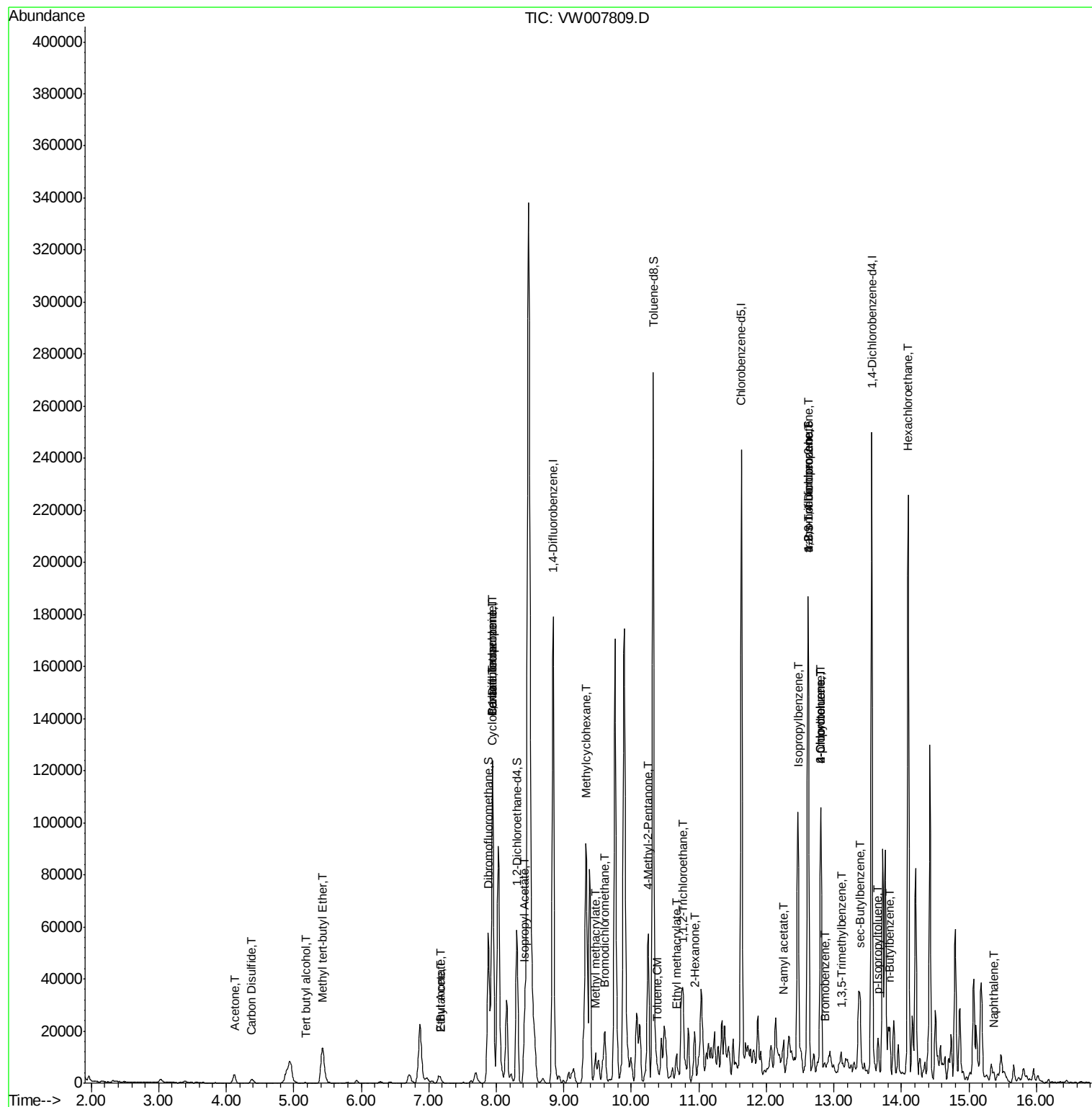
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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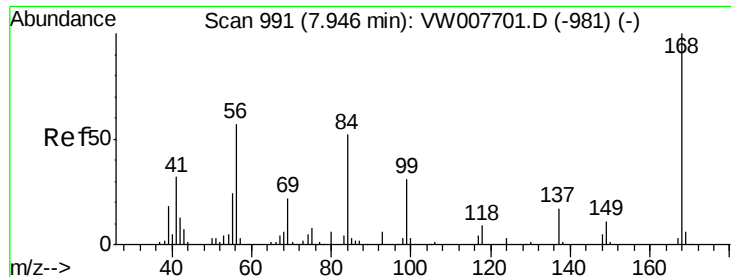
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007809.D
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Operator : SY/AP
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

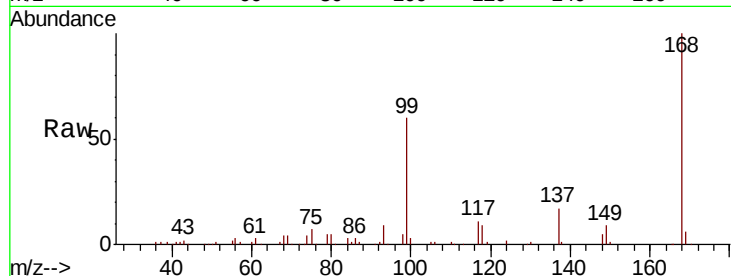
ClientSampleId :

Tot Ion:168 Resp: 88292

Ion Ratio Lower Upper

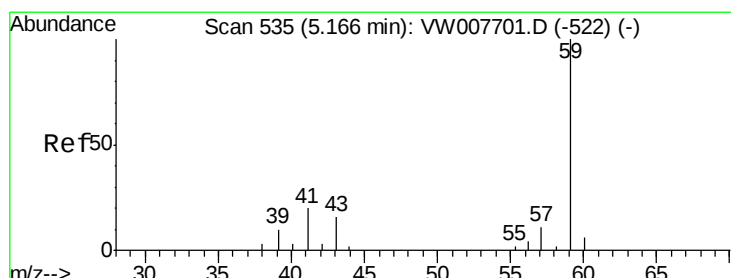
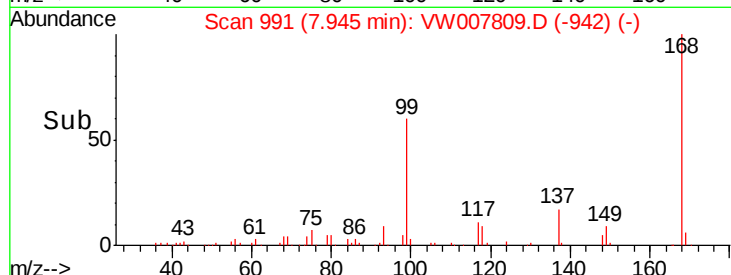
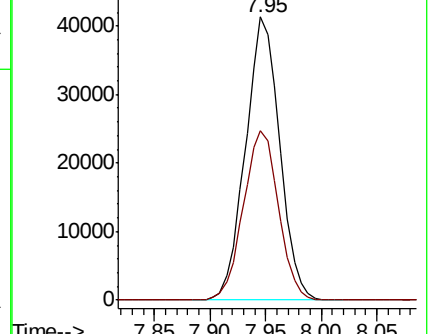
168 100

99 59.7 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 6.602 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW007809.D

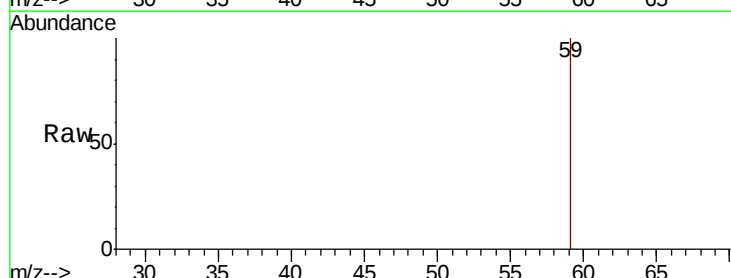
Acq: 21 Dec 2018 21:33

Tgt Ion: 59 Resp: 431

Ion Ratio Lower Upper

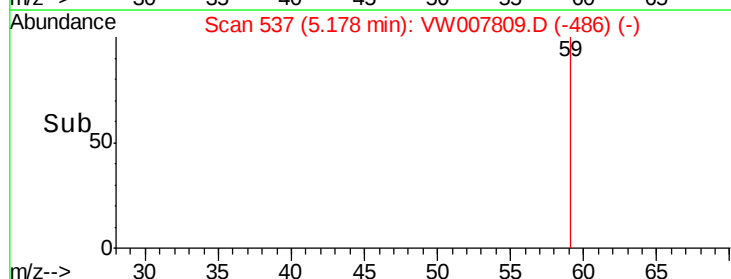
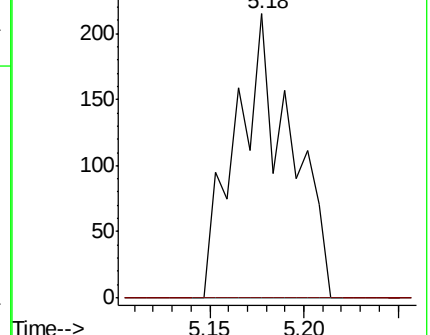
59 100

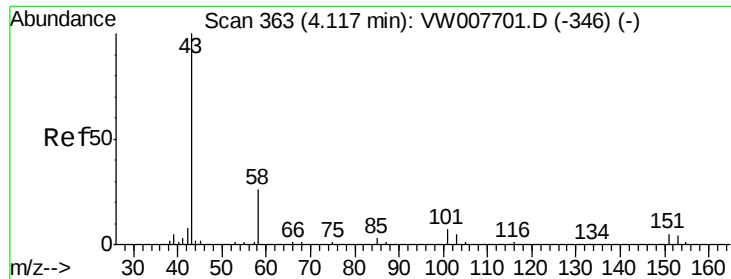
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 31.631 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

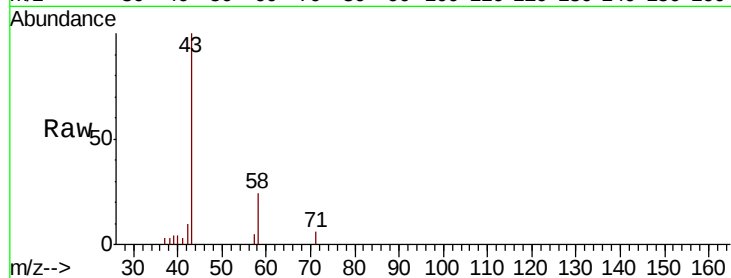
ClientSampled :

Tot Ion: 43 Resp: 5732

Ion Ratio Lower Upper

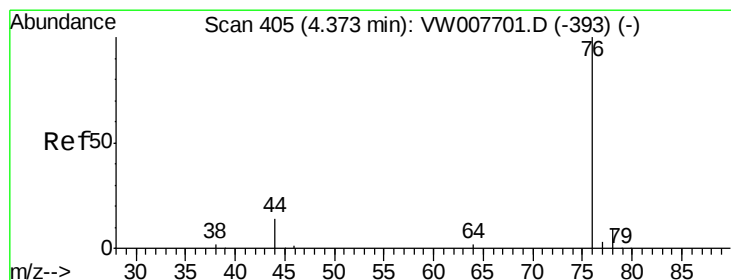
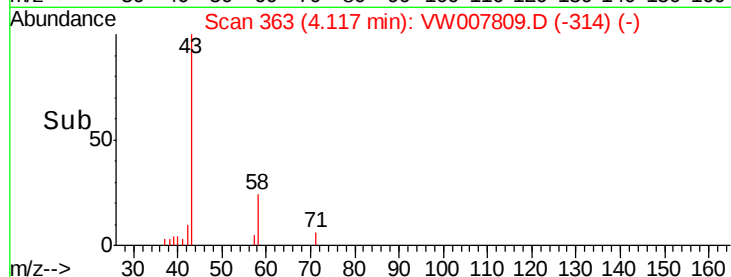
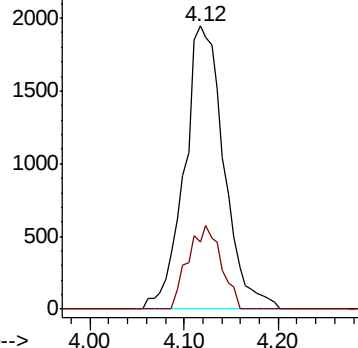
43 100

58 23.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 1.233 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW007809.D

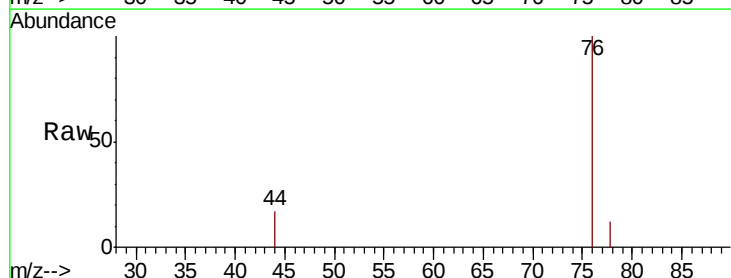
Acq: 21 Dec 2018 21:33

Tgt Ion: 76 Resp: 3324

Ion Ratio Lower Upper

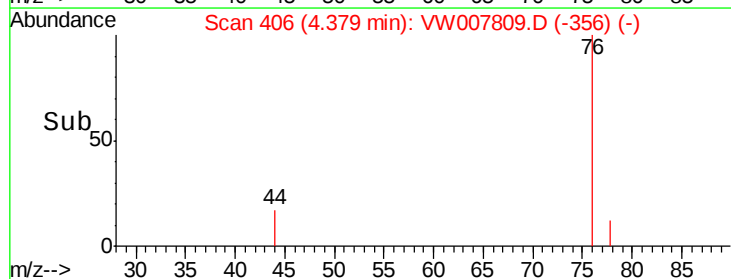
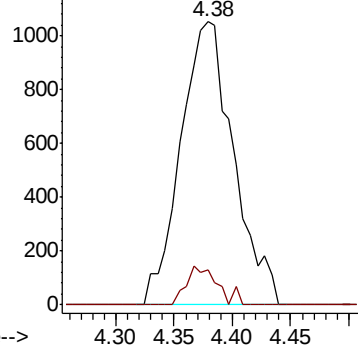
76 100

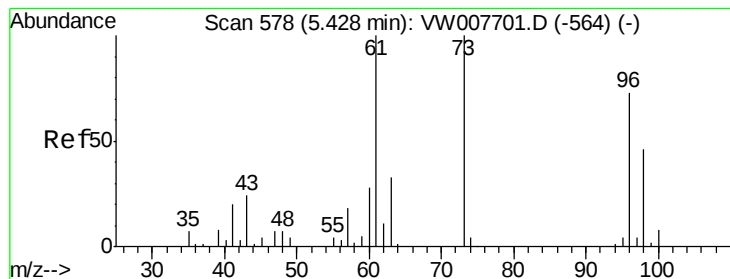
78 12.2 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



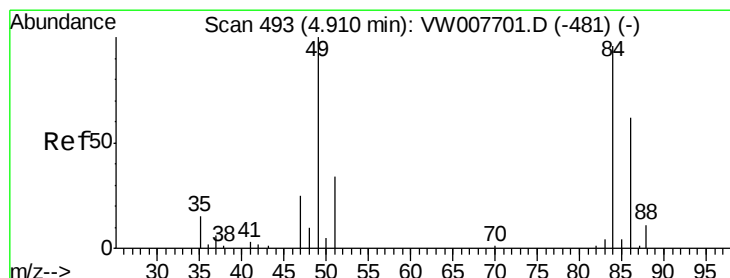
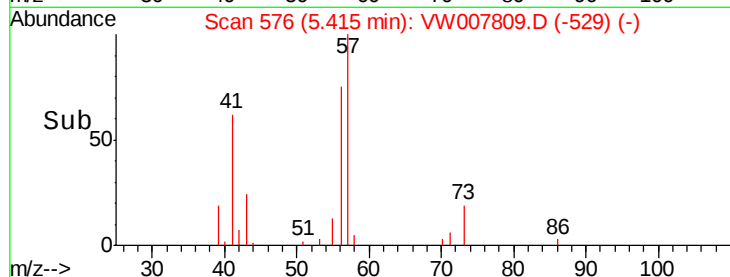
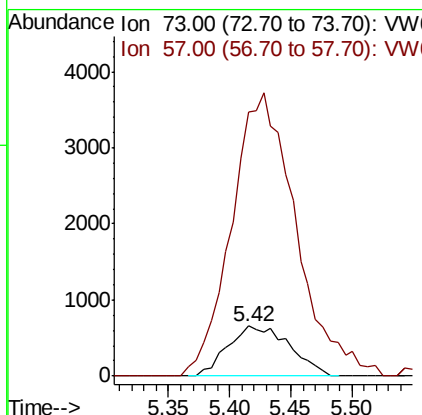
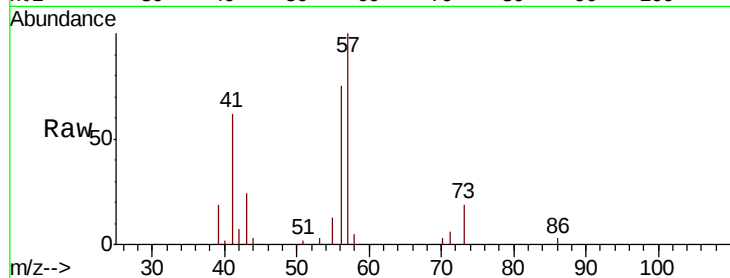


#19

Methyl tert-butyl Ether
 Concen: 1.846 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW007809.D
 Acq: 21 Dec 2018 21:33

Instrument :
 MSVOA_W
 ClientSampled :

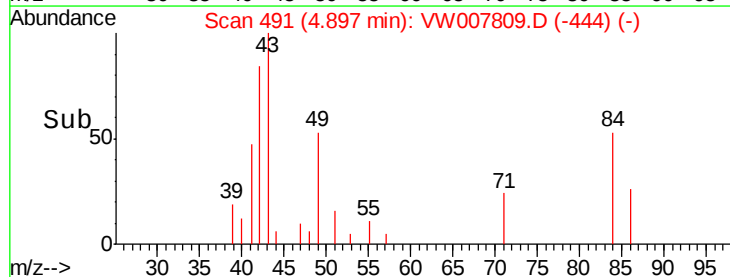
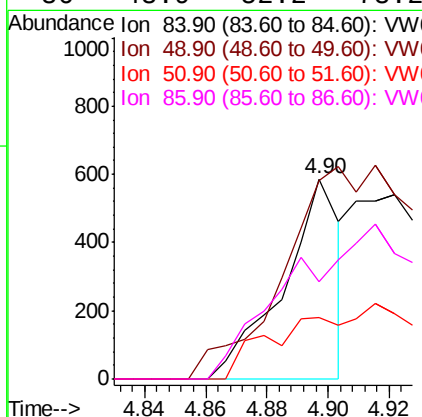
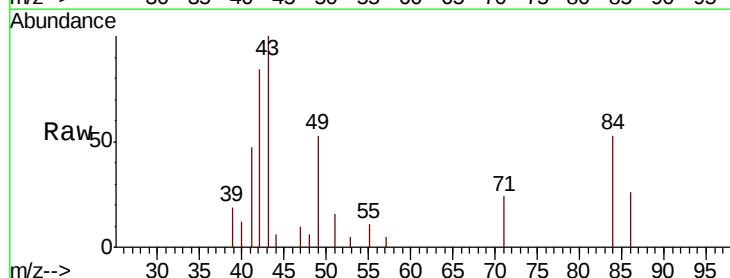
Tot Ion: 73 Resp: 2309
 Ion Ratio Lower Upper
 73 100
 57 506.5 14.7 22.1#

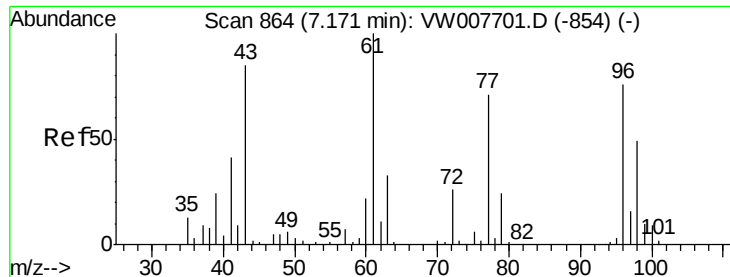


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.90 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: VW007809.D
 Acq: 21 Dec 2018 21:33

Tgt Ion: 84 Resp: 755
 Ion Ratio Lower Upper
 84 100
 49 99.3 83.7 125.5
 51 30.7 28.2 42.2
 86 48.9 52.2 78.2#





#25

2-Butanone

Concen: 8.306 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

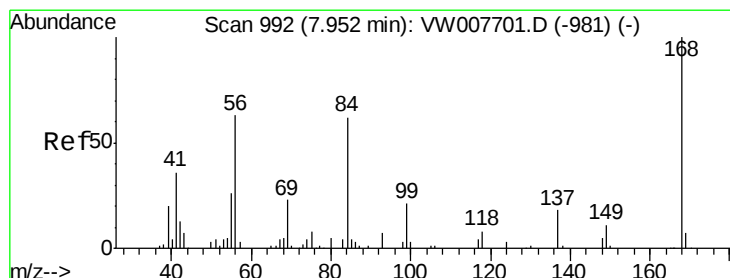
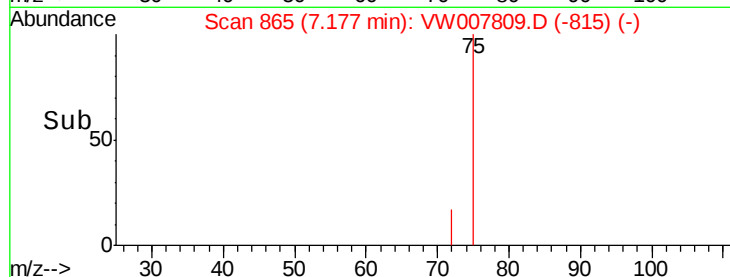
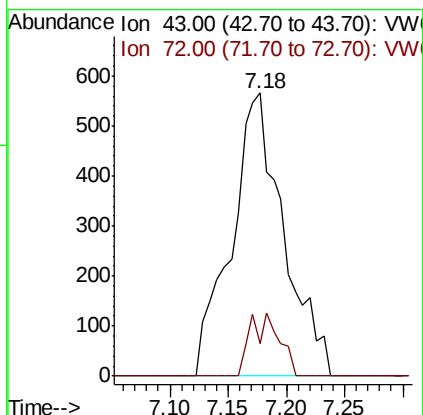
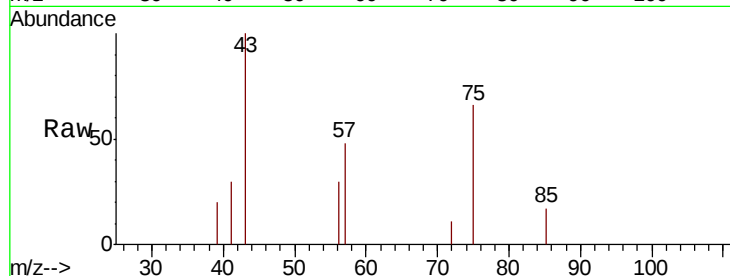
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1763

Ion Ratio Lower Upper

43 100

72 11.3 24.5 36.7#



#31

Cyclohexane

Concen: 3.208 ug/l

RT: 7.93 min Scan# 989

Delta R.T. -0.02 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

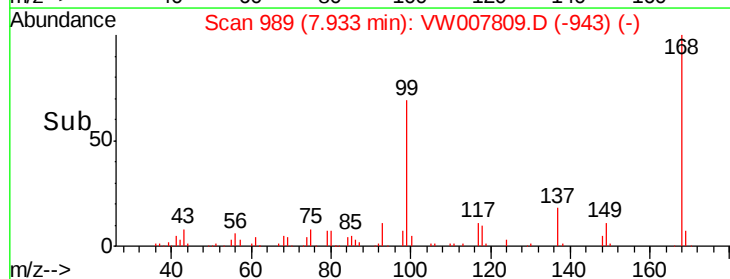
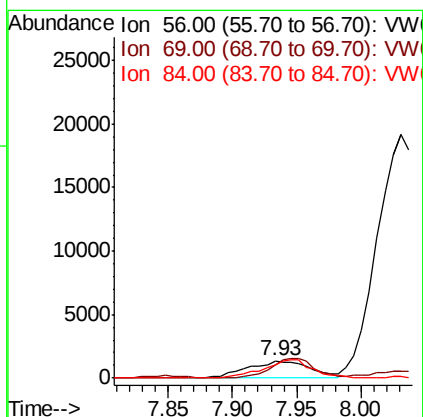
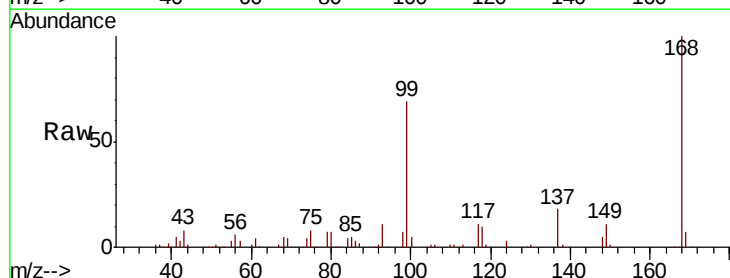
Tgt Ion: 56 Resp: 4622

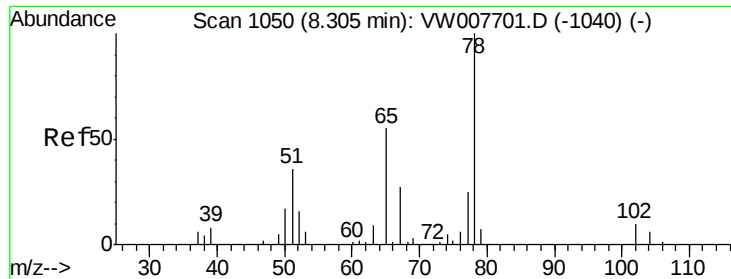
Ion Ratio Lower Upper

56 100

69 66.4 29.7 44.5#

84 79.1 78.9 118.3

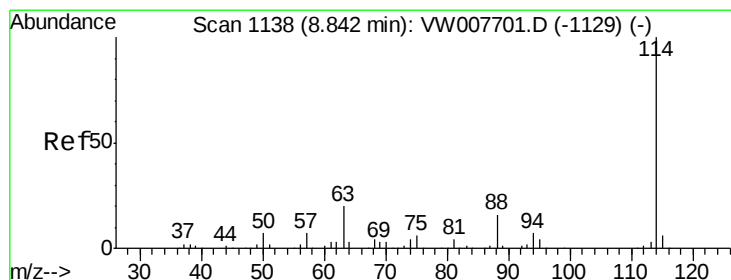
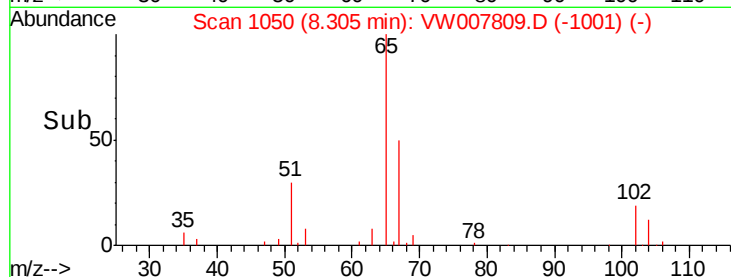
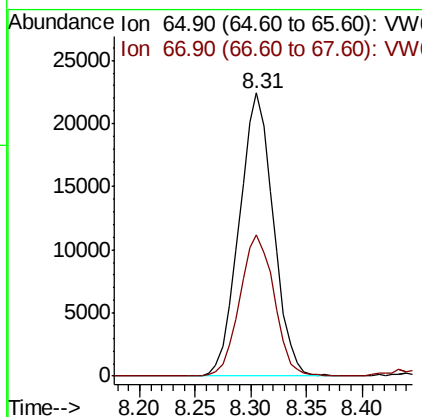
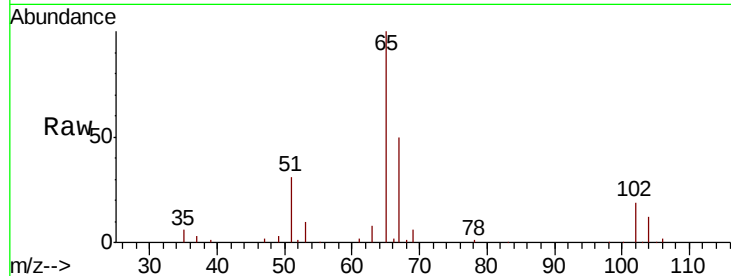




#33
 1,2-Dichloroethane-d4
 Concen: 49.295 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007809.D
 Acq: 21 Dec 2018 21:33

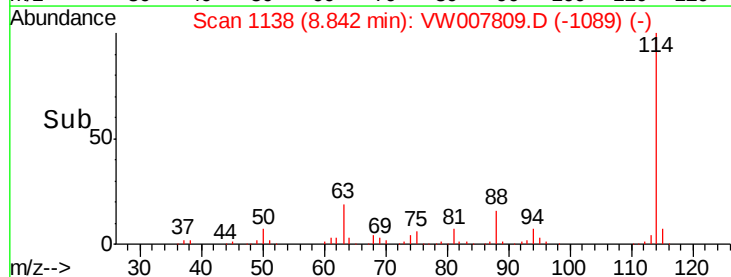
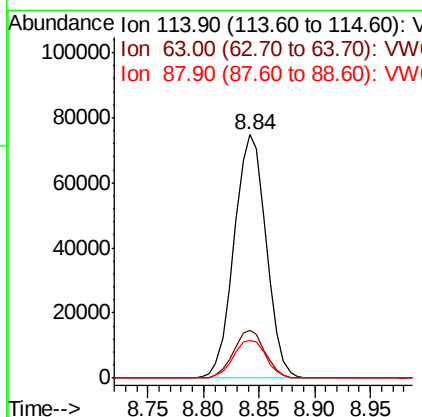
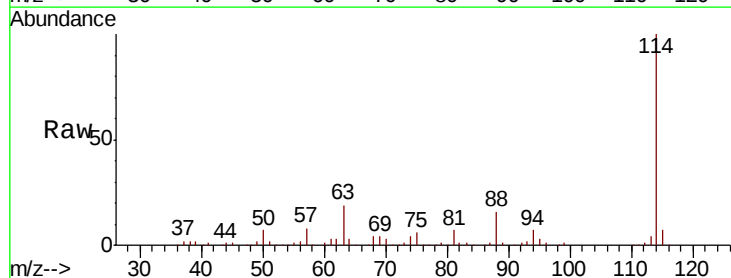
Instrument :
 MSVOA_W
 ClientSampled :

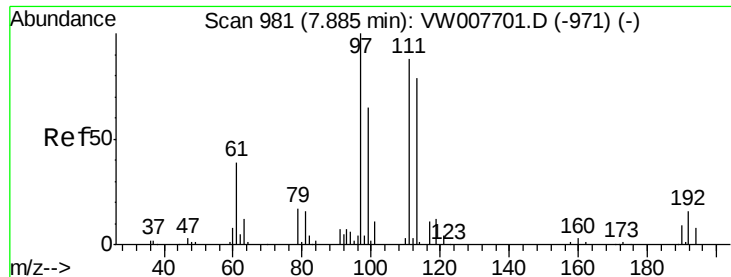
Tot Ion: 65 Resp: 47704
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007809.D
 Acq: 21 Dec 2018 21:33

Tgt Ion: 114 Resp: 149087
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.5 0.0 32.6

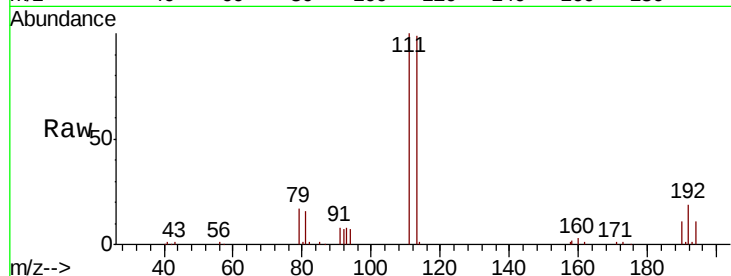




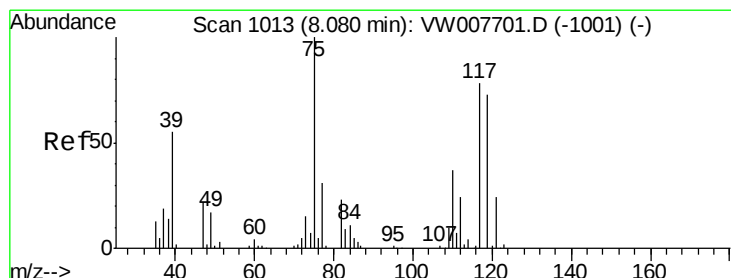
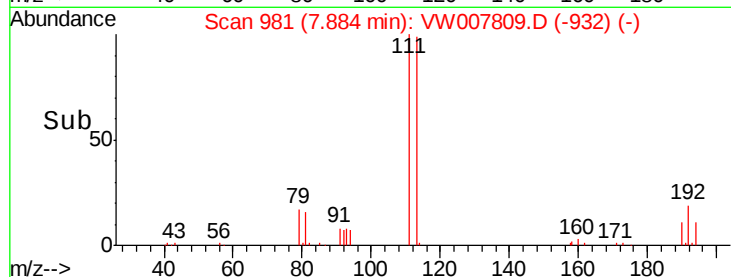
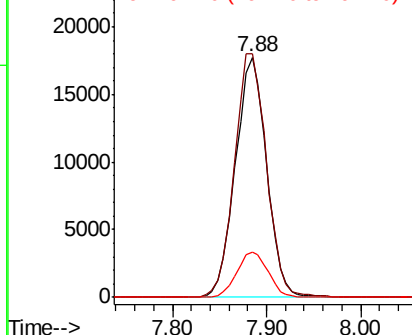
#35
 Dibromofluoromethane
 Concen: 44.878 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007809.D
 Acq: 21 Dec 2018 21:33

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 40817
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.6 124.0
 192 18.8 15.5 23.3

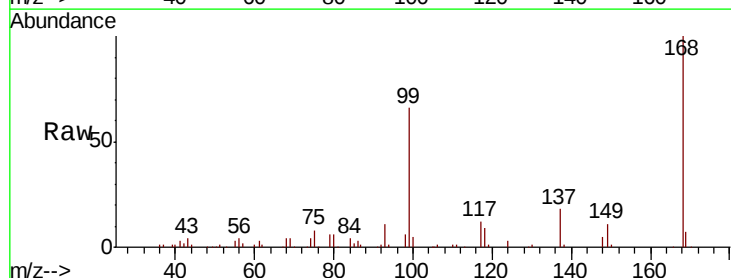


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

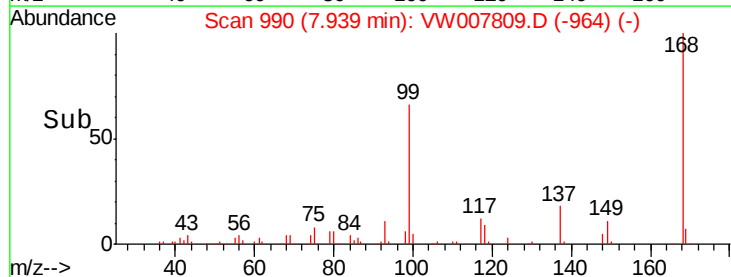
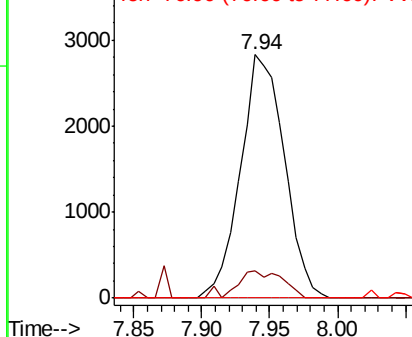


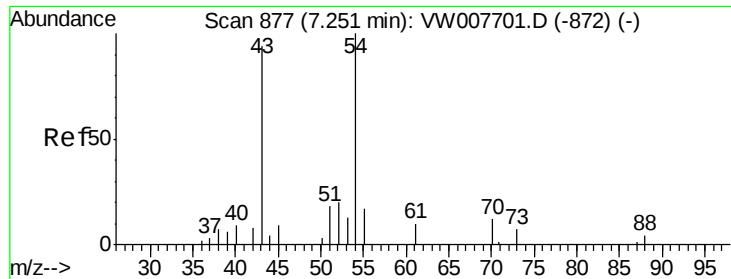
#36
 1,1-Dichloropropene
 Concen: 4.445 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW007809.D
 Acq: 21 Dec 2018 21:33

Tgt Ion: 75 Resp: 6396
 Ion Ratio Lower Upper
 75 100
 110 11.0 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): V
 Ion 76.90 (76.60 to 77.60): VW

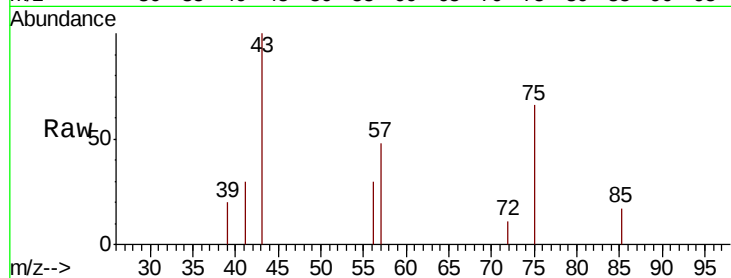




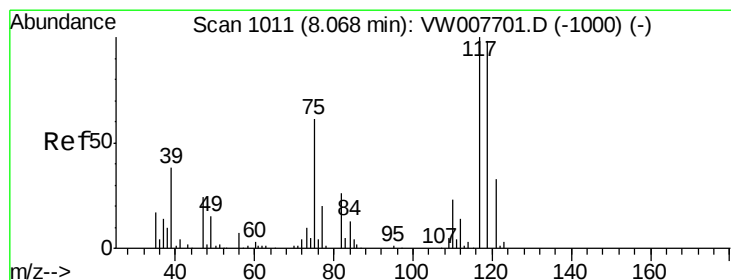
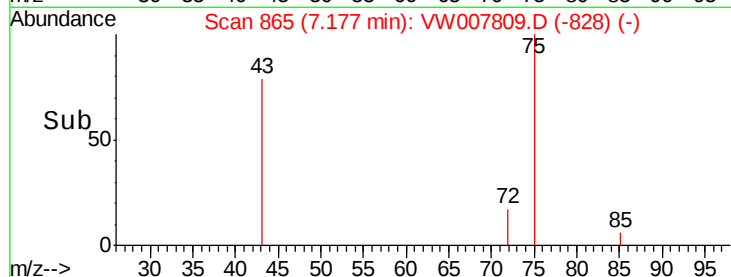
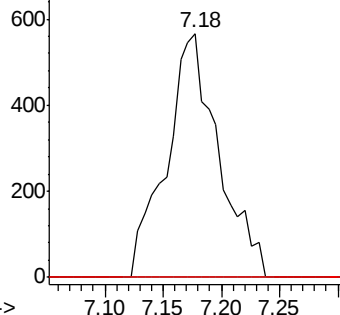
#37
Ethyl Acetate
Concen: 3.550 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.07 min
Lab File: VW007809.D
Acq: 21 Dec 2018 21:33

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1763
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 9.3 13.9#

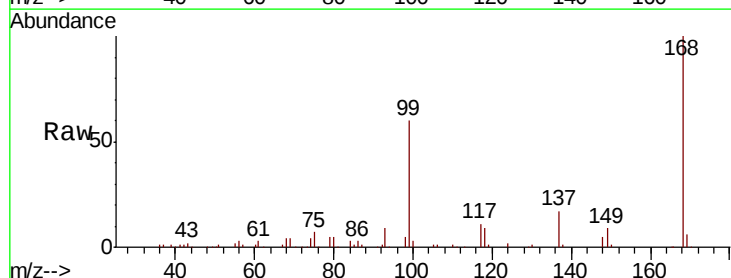


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

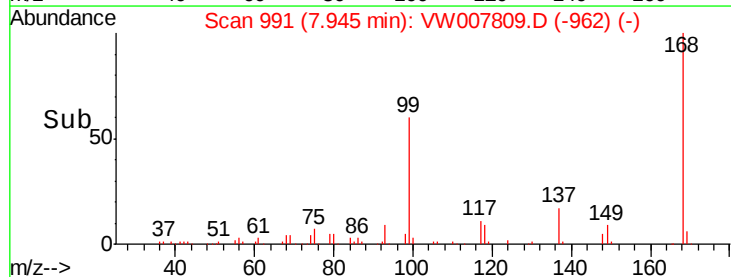
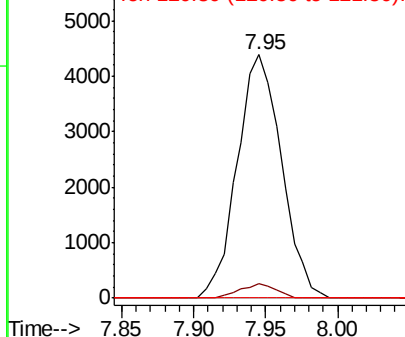


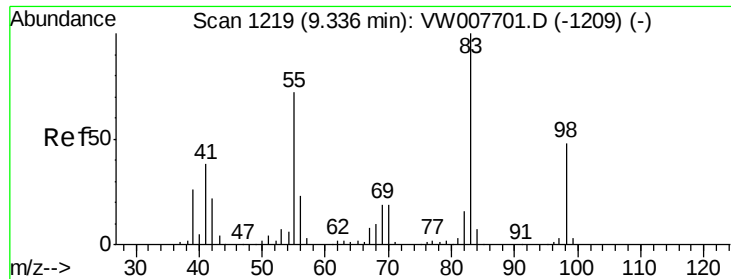
#38
Carbon Tetrachloride
Concen: 5.529 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007809.D
Acq: 21 Dec 2018 21:33

Tgt Ion: 117 Resp: 9369
Ion Ratio Lower Upper
117 100
119 5.9 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

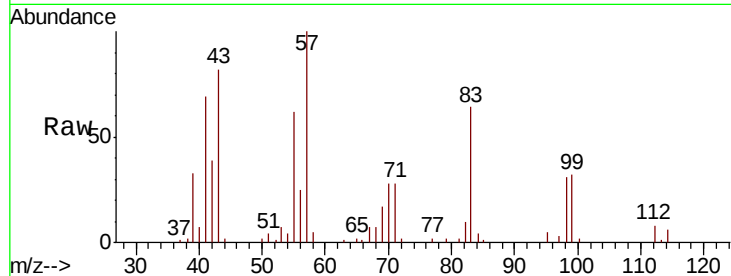




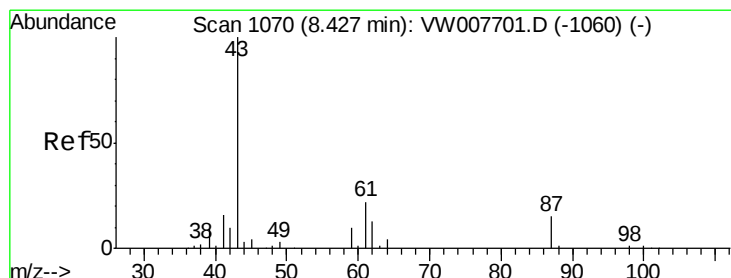
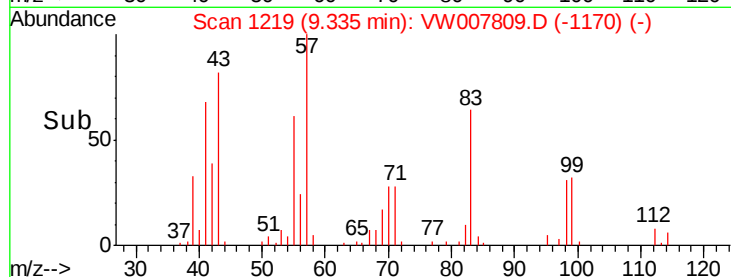
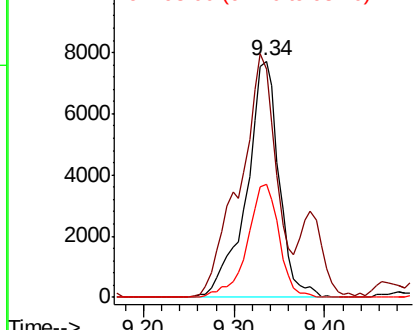
#39
Methylcyclohexane
Concen: 10.692 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007809.D
Acq: 21 Dec 2018 21:33

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 19118
Ion Ratio Lower Upper
83 100
55 96.7 57.2 85.8#
98 47.8 38.6 58.0

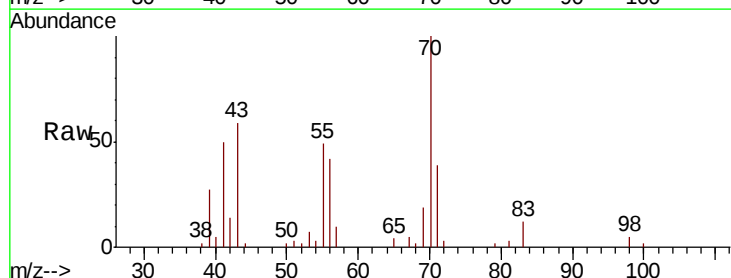


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

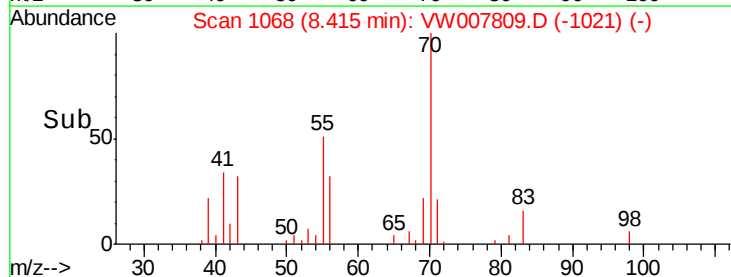
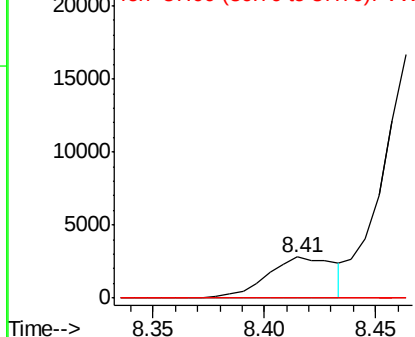


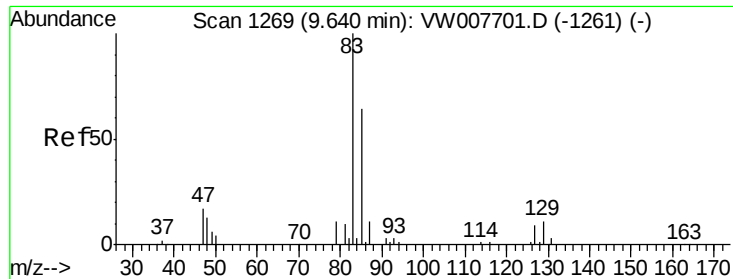
#43
Isopropyl Acetate
Concen: 5.975 ug/l
RT: 8.41 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VW007809.D
Acq: 21 Dec 2018 21:33

Tgt Ion: 43 Resp: 5945
Ion Ratio Lower Upper
43 100
61 0.0 26.3 39.5#
87 0.0 12.0 18.0#



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





#47

Bromodichloromethane

Concen: 1.123 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.02 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

ClientSampled :

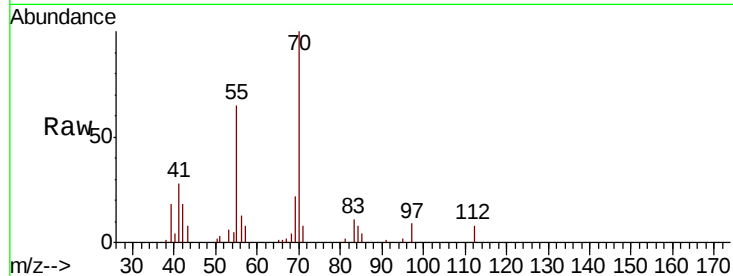
Tot Ion: 83 Resp: 1549

Ion Ratio Lower Upper

83 100

85 33.1 51.4 77.0#

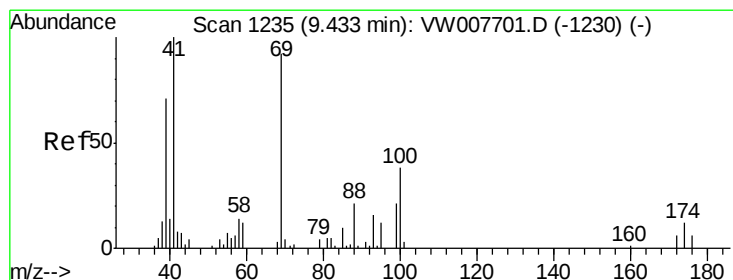
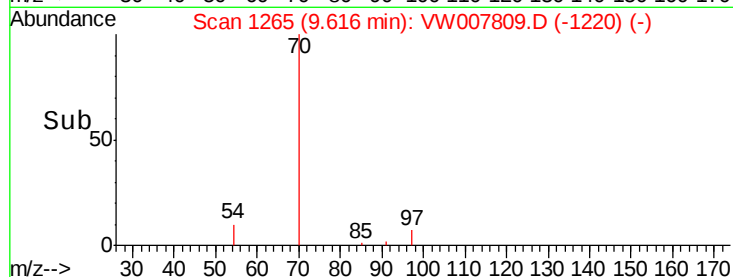
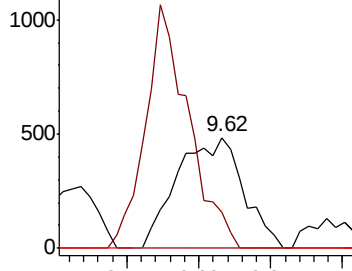
127 0.0 7.5 11.3#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 6.564 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.04 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

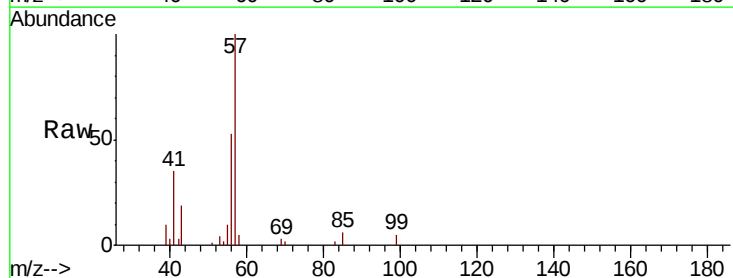
Tgt Ion: 41 Resp: 3260

Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.2#

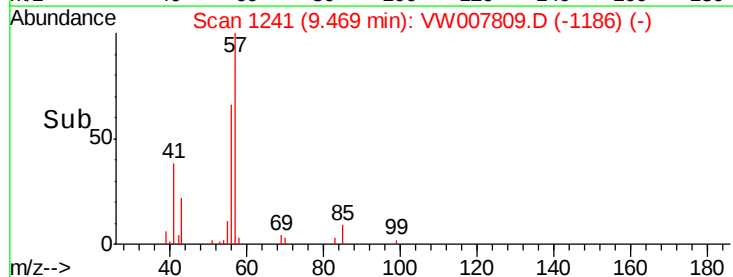
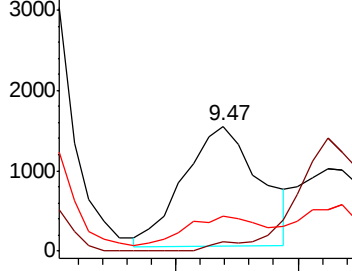
39 26.9 53.9 80.9#

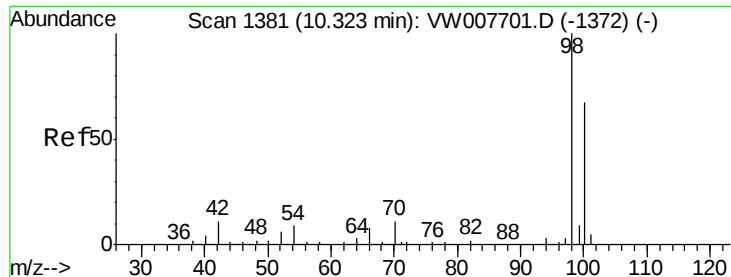


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 47.302 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

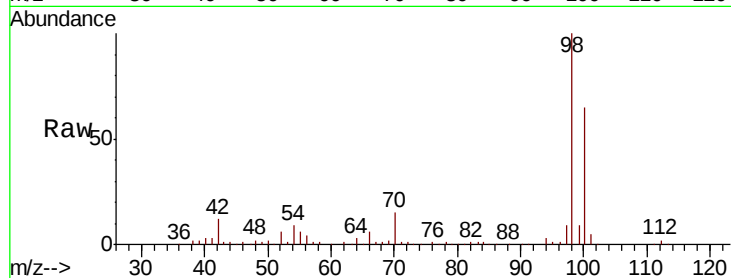
ClientSampleId :

Tot Ion: 98 Resp: 162184

Ion Ratio Lower Upper

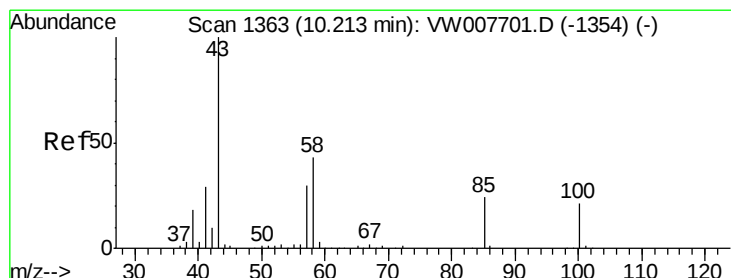
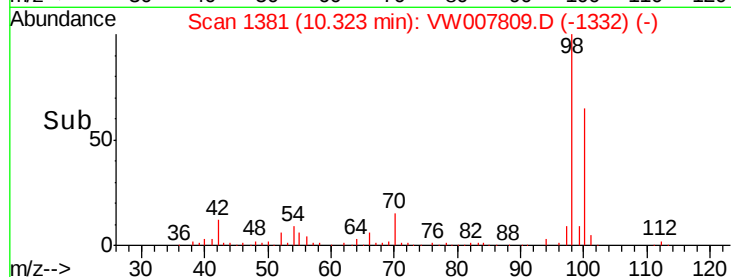
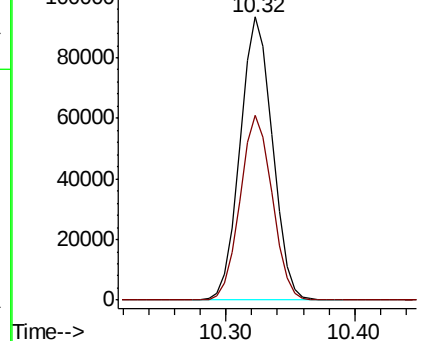
98 100

100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 11.929 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW007809.D

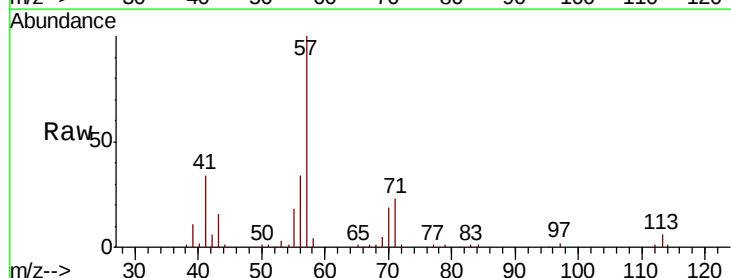
Acq: 21 Dec 2018 21:33

Tgt Ion: 43 Resp: 5609

Ion Ratio Lower Upper

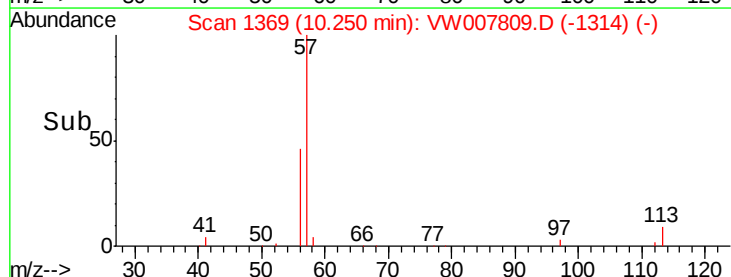
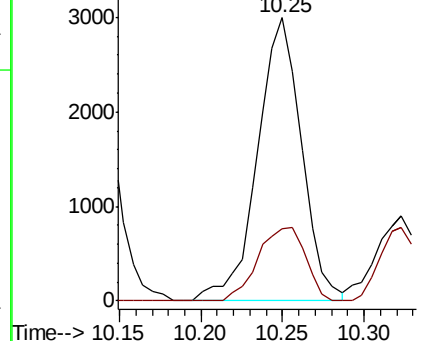
43 100

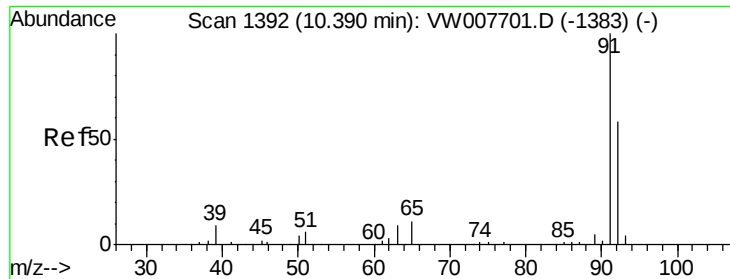
58 27.8 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 1.032 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

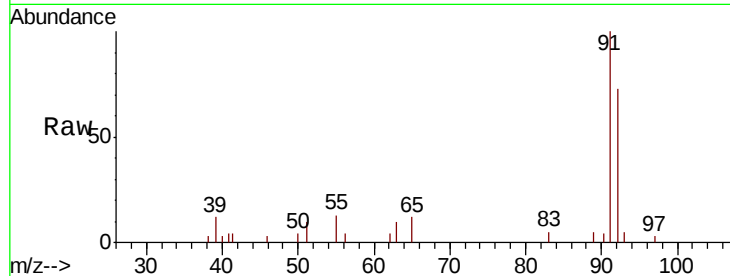
ClientSampled :

Tot Ion: 92 Resp: 2658

Ion Ratio Lower Upper

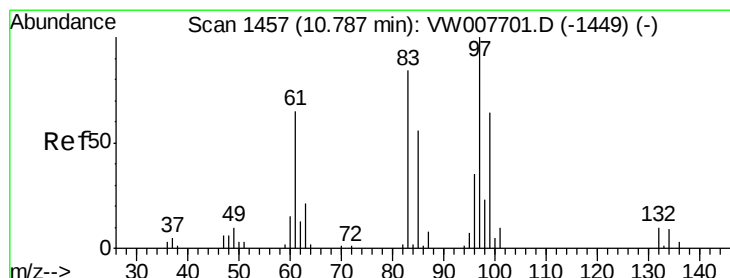
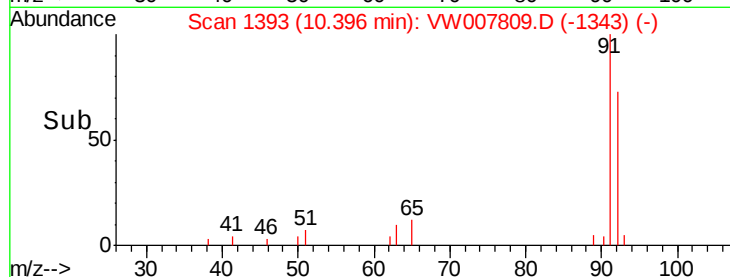
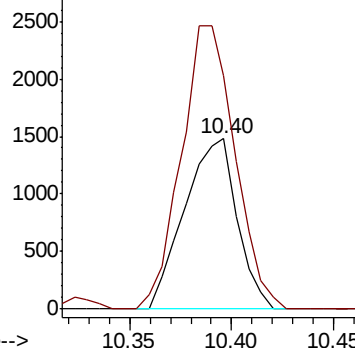
92 100

91 169.2 137.0 205.4



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: 14.521 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Tgt Ion: 97 Resp: 10499

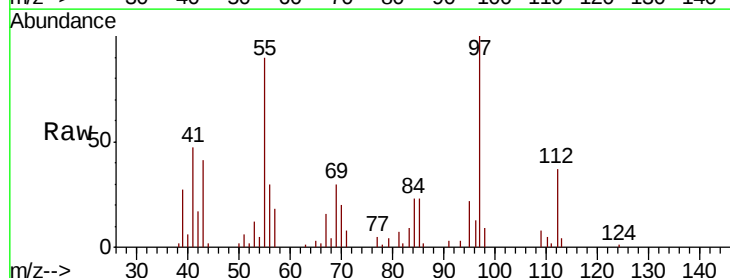
Ion Ratio Lower Upper

97 100

83 9.1 67.5 101.3#

85 22.5 44.8 67.2#

99 0.0 51.0 76.4#

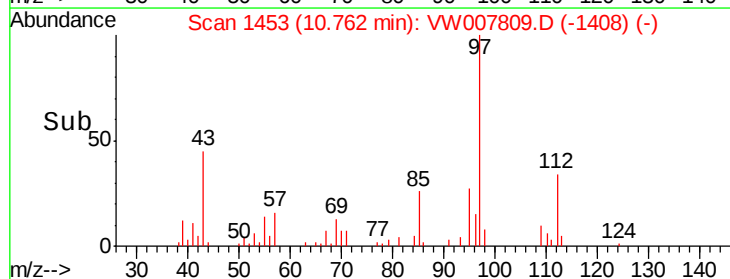
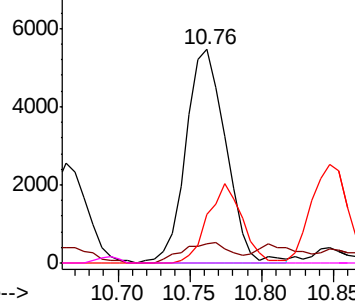


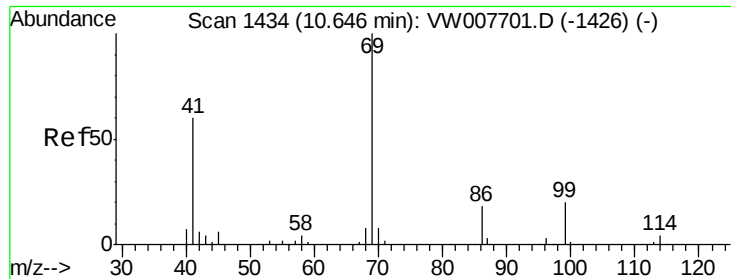
Abundance Ion 96.90 (96.60 to 97.60): VW

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

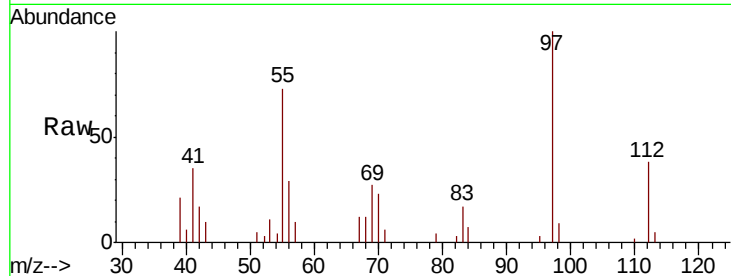




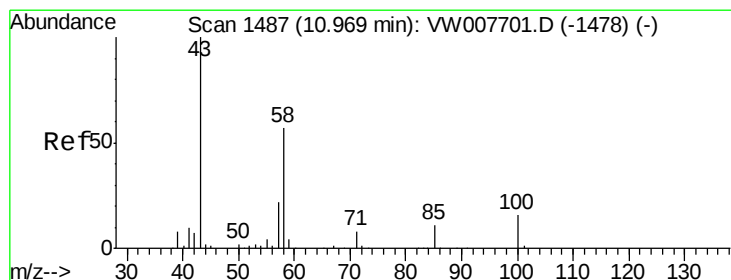
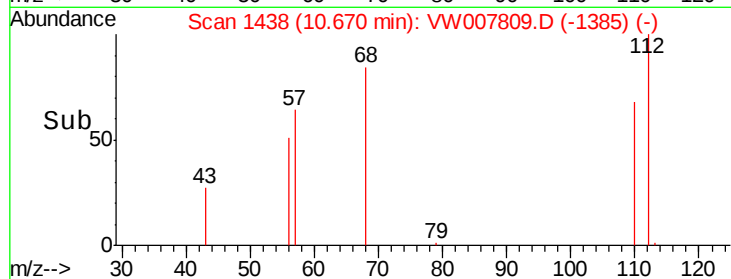
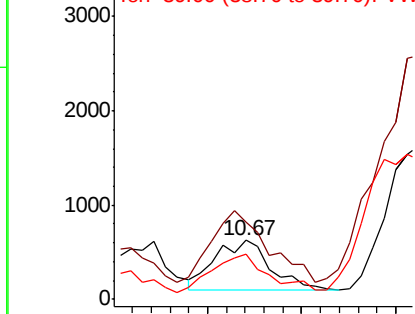
#56
Ethyl methacrylate
Concen: 1.243 ug/l
RT: 10.67 min Scan# 1438
Delta R.T. 0.02 min
Lab File: VW007809.D
Acq: 21 Dec 2018 21:33

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 69 Resp: 1062
Ion Ratio Lower Upper
69 100
41 180.3 48.9 73.3#
39 83.2 31.3 46.9#

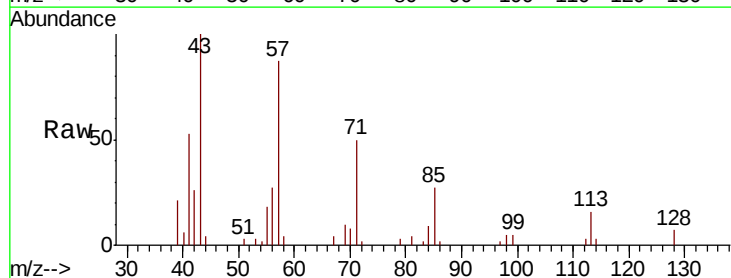


Abundance Ion 69.00 (68.70 to 69.70): VW
Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW

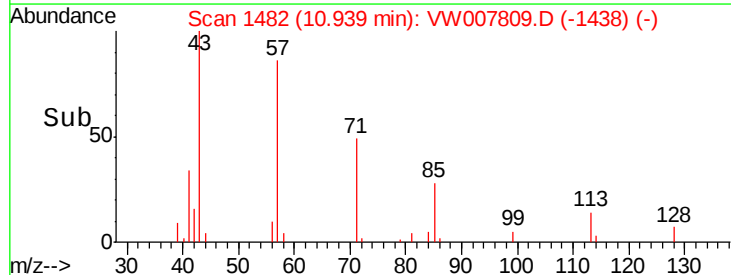
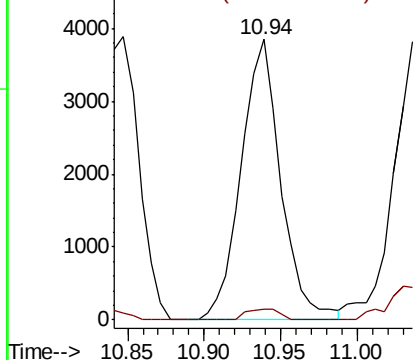


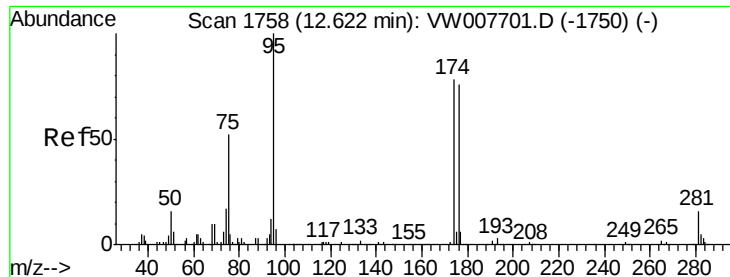
#59
2-Hexanone
Concen: 20.966 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW007809.D
Acq: 21 Dec 2018 21:33

Tgt Ion: 43 Resp: 6933
Ion Ratio Lower Upper
43 100
58 3.3 27.7 83.1#



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

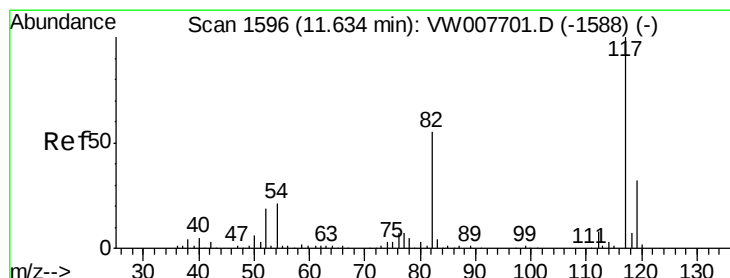
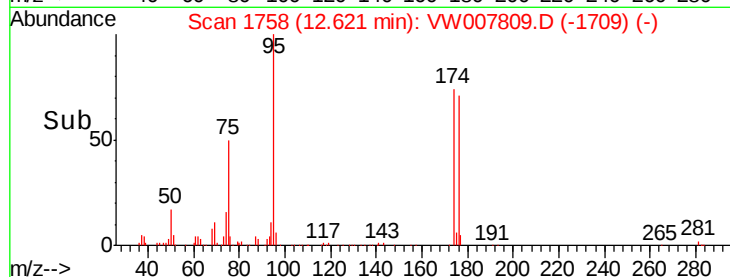
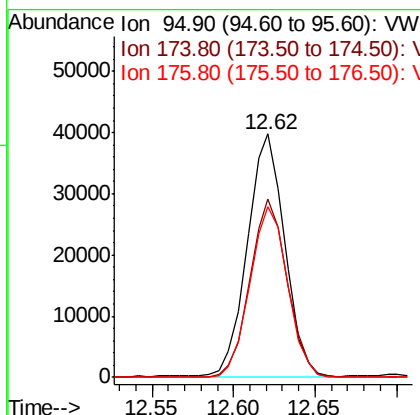
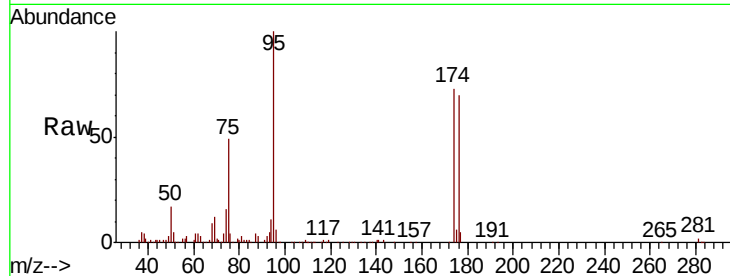




#62
4-Bromofluorobenzene
Concen: 47.601 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007809.D
Acq: 21 Dec 2018 21:33

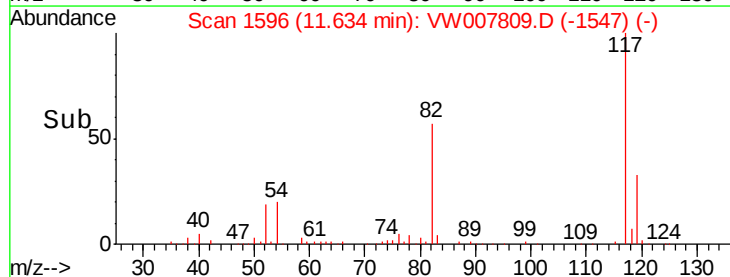
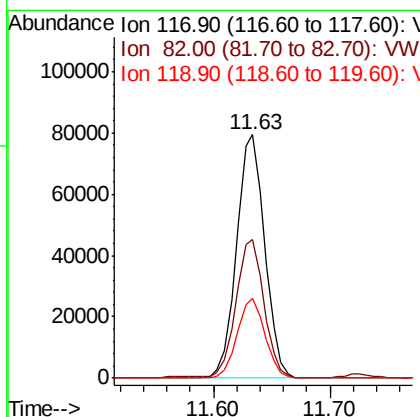
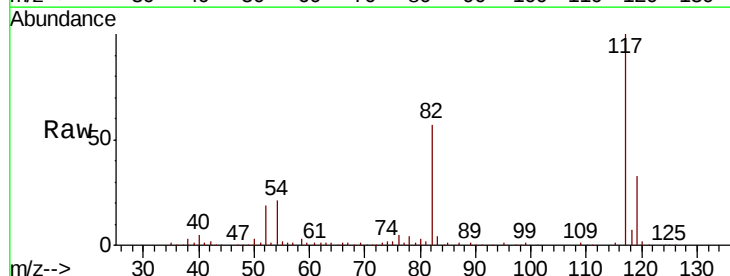
Instrument :
MSVOA_W
ClientSampled :

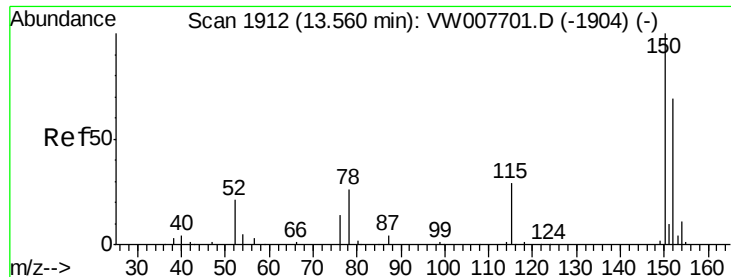
Tot Ion: 95 Resp: 63051
Ion Ratio Lower Upper
95 100
174 73.2 0.0 152.2
176 70.9 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007809.D
Acq: 21 Dec 2018 21:33

Tgt Ion: 117 Resp: 133517
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 33.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

ClientSampleId :

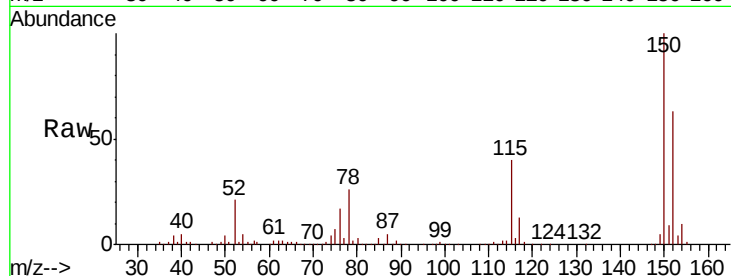
Tot Ion:152 Resp: 64545

Ion Ratio Lower Upper

152 100

115 63.1 31.8 95.4

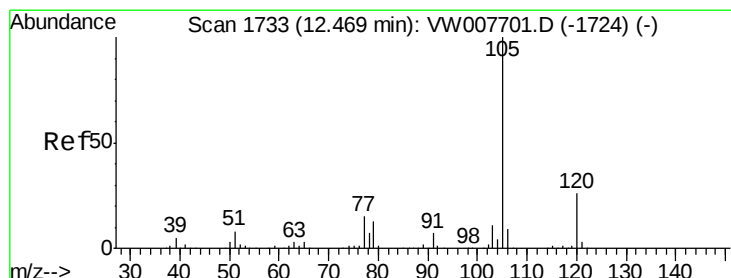
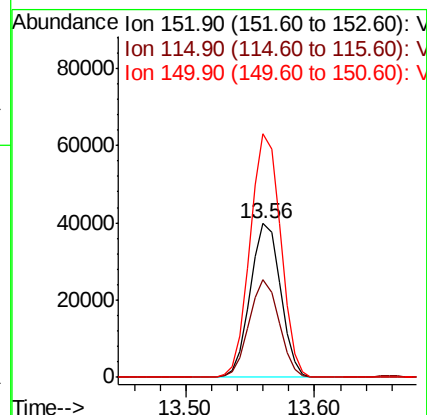
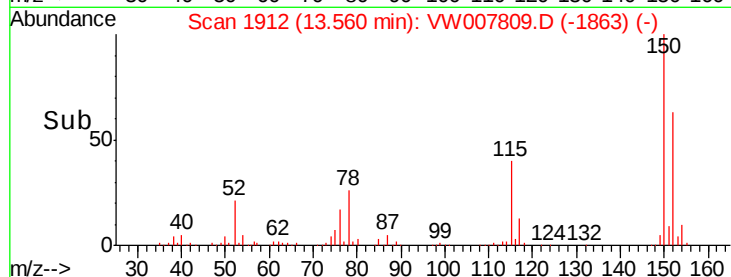
150 159.2 0.0 350.8



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: 13.773 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007809.D

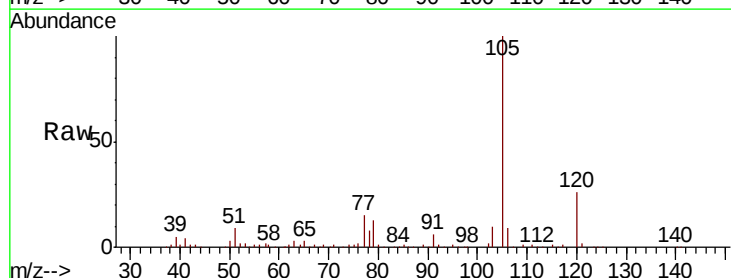
Acq: 21 Dec 2018 21:33

Tgt Ion:105 Resp: 67197

Ion Ratio Lower Upper

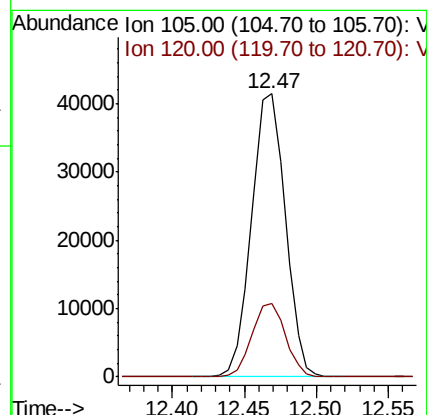
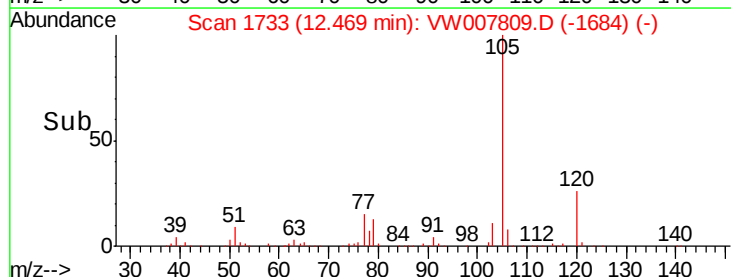
105 100

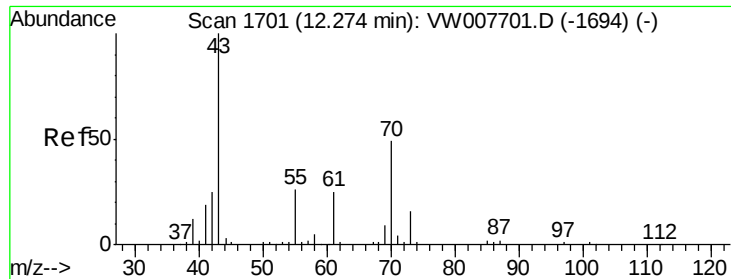
120 25.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.389 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 2864

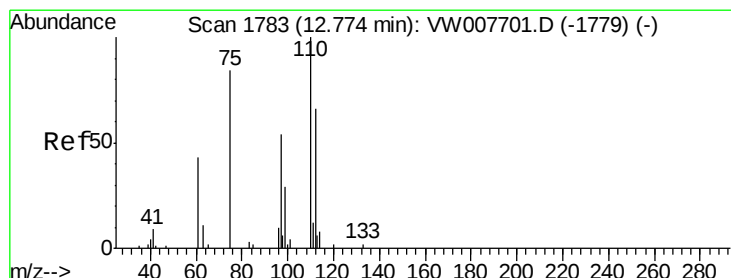
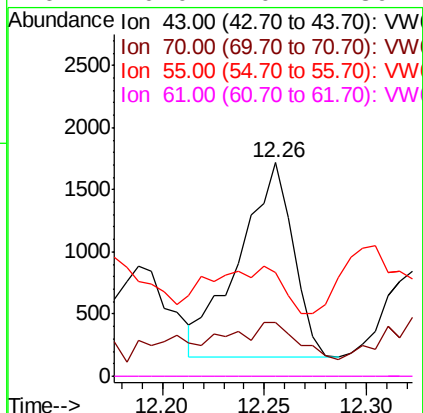
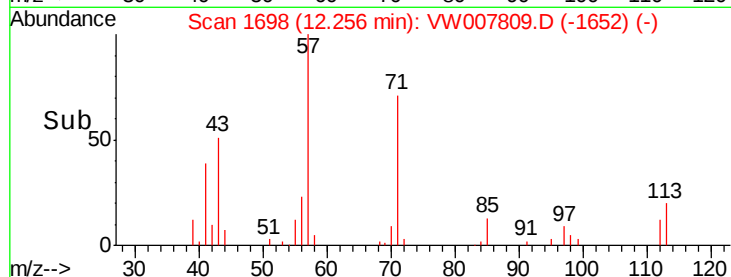
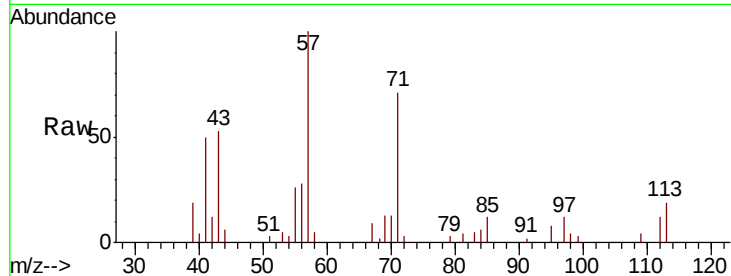
Ion Ratio Lower Upper

43 100

70 23.5 37.6 56.4#

55 62.8 21.7 32.5#

61 0.0 20.1 30.1#



#76

1,2,3-Trichloropropane

Concen: 62.976 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007809.D

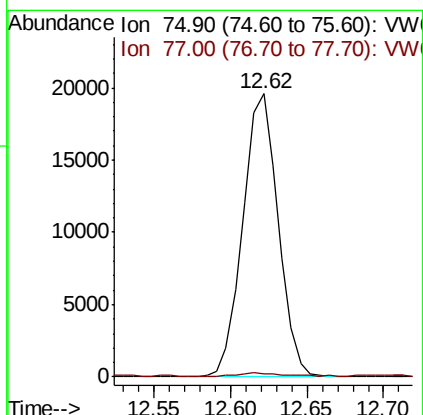
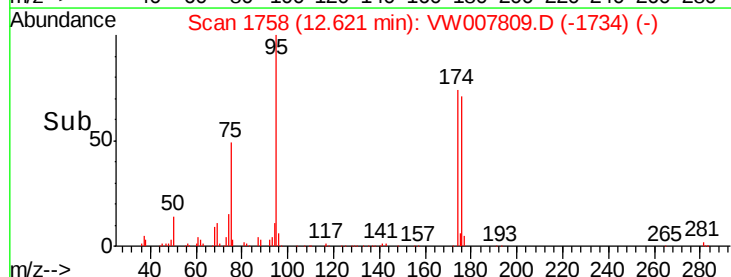
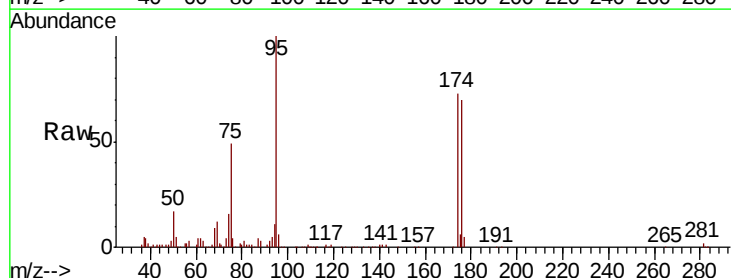
Acq: 21 Dec 2018 21:33

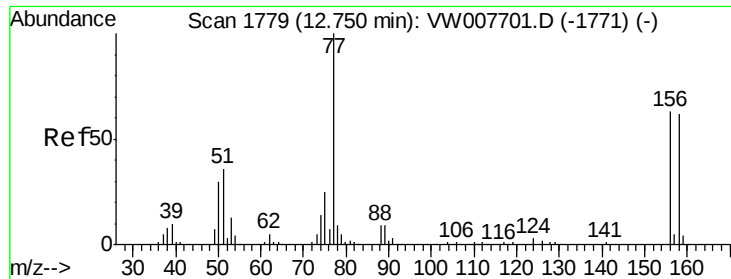
Tgt Ion: 75 Resp: 31417

Ion Ratio Lower Upper

75 100

77 2.4 0.0 0.0#





#77

Bromobenzene

Concen: 1.013 ug/l

RT: 12.88 min Scan# 1800

Delta R.T. 0.13 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

ClientSampled :

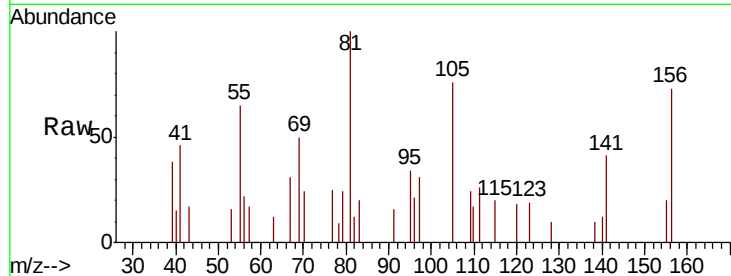
Tot Ion:156 Resp: 1133

Ion Ratio Lower Upper

156 100

77 27.3 87.4 262.1#

158 0.0 48.4 145.0#

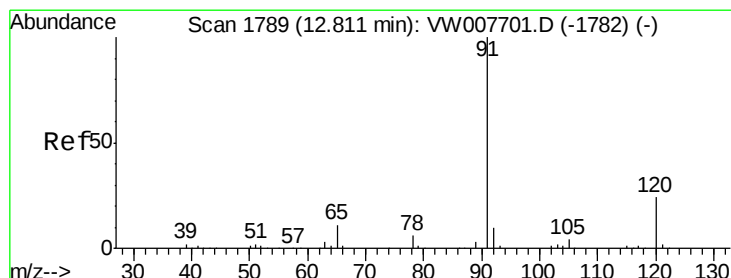
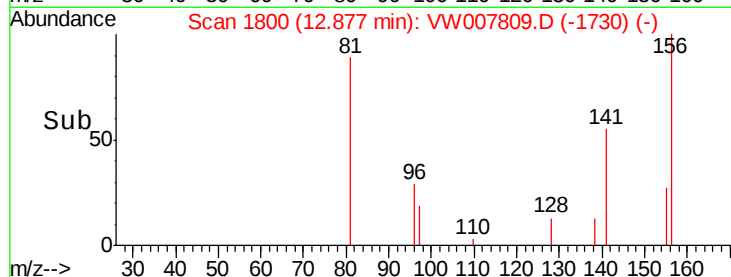
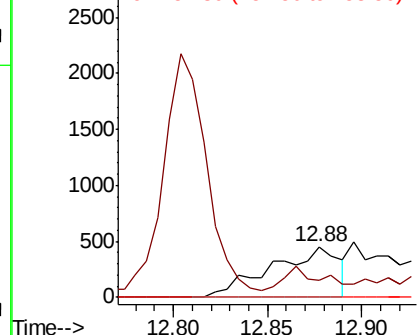


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 14.300 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007809.D

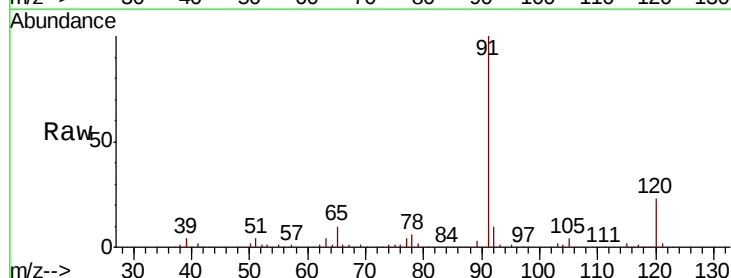
Acq: 21 Dec 2018 21:33

Tgt Ion: 91 Resp: 81214

Ion Ratio Lower Upper

91 100

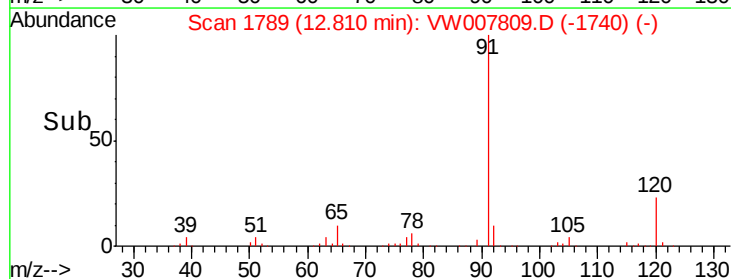
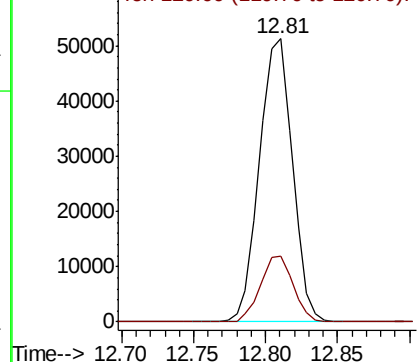
120 23.0 11.9 35.7

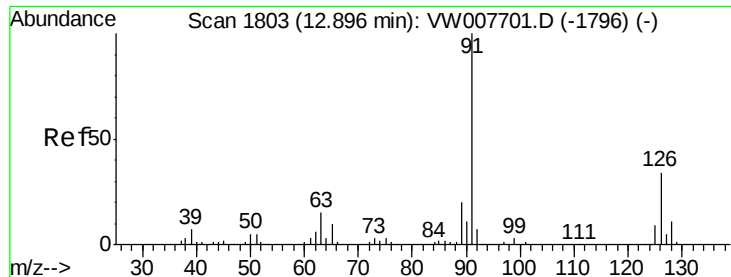


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

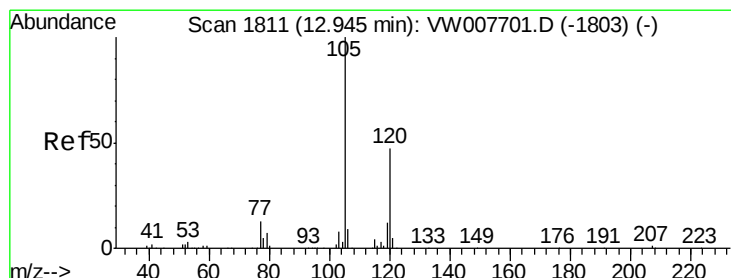
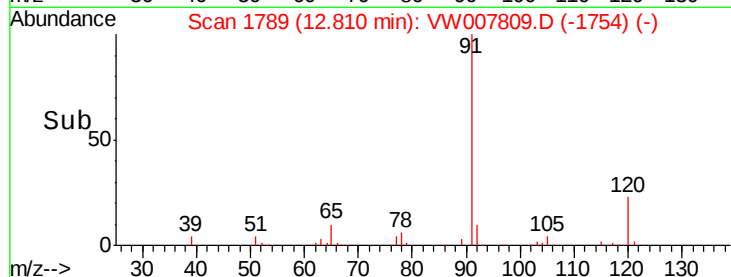
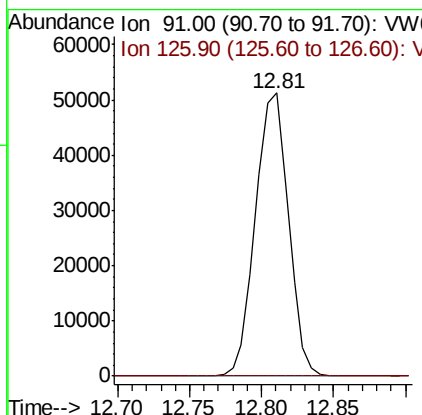
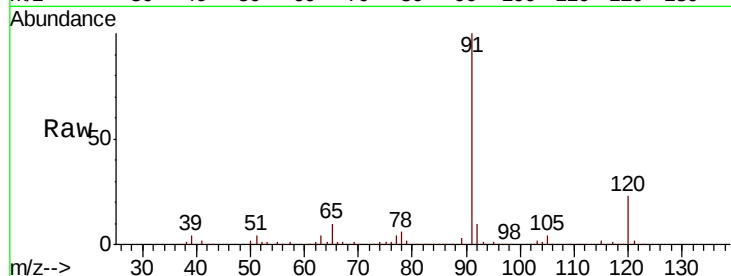




#79
2-Chlorotoluene
Concen: 24.547 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.09 min
Lab File: VW007809.D
Acq: 21 Dec 2018 21:33

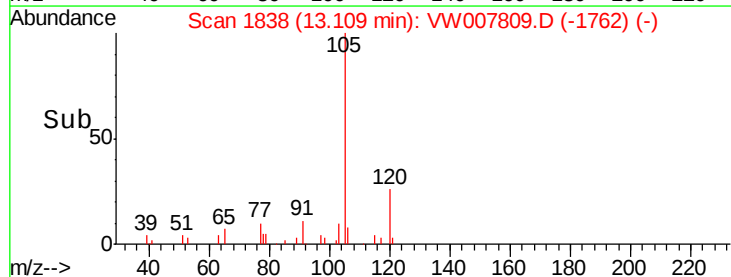
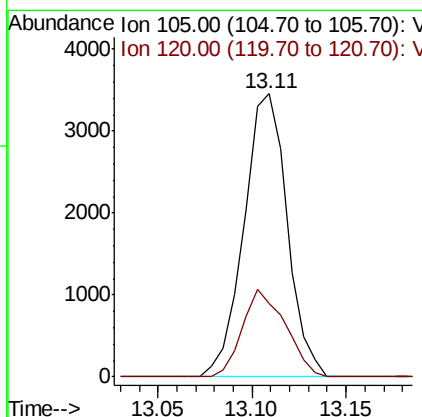
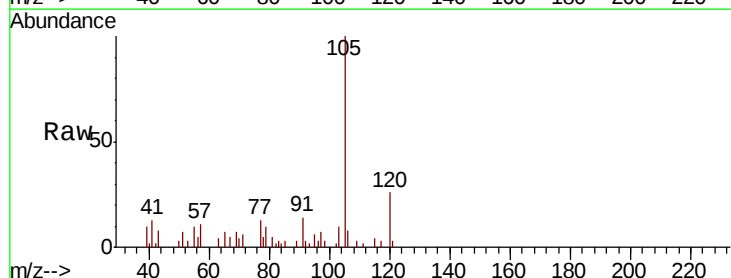
Instrument :
MSVOA_W
ClientSampled :

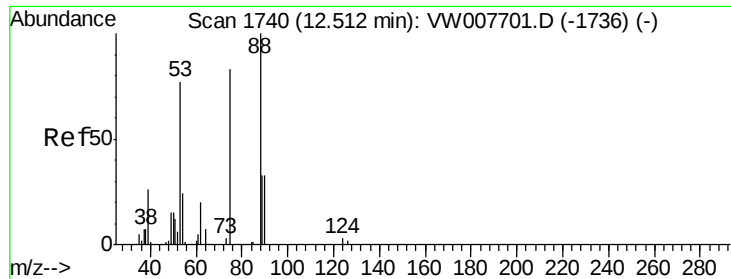
Tot Ion: 91 Resp: 81214
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#80
1,3,5-Trimethylbenzene
Concen: 1.306 ug/l
RT: 13.11 min Scan# 1838
Delta R.T. 0.16 min
Lab File: VW007809.D
Acq: 21 Dec 2018 21:33

Tgt Ion:105 Resp: 5497
Ion Ratio Lower Upper
105 100
120 30.8 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 132.191 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

ClientSampleId :

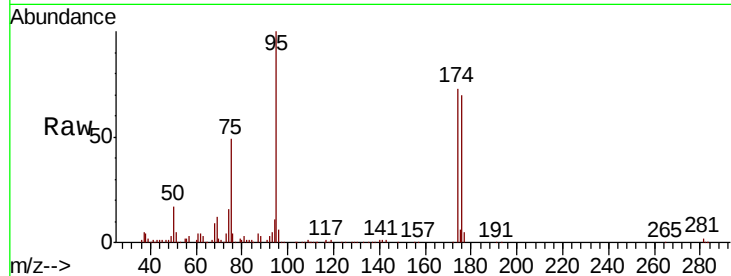
Tot Ion: 75 Resp: 31417

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

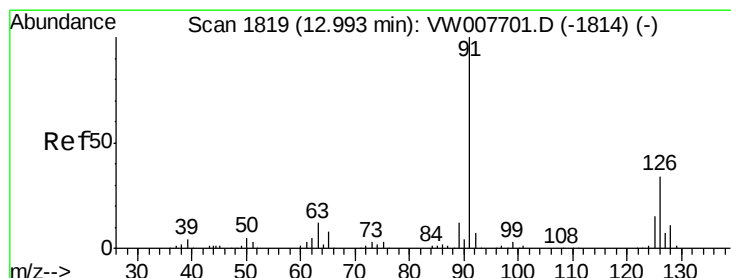
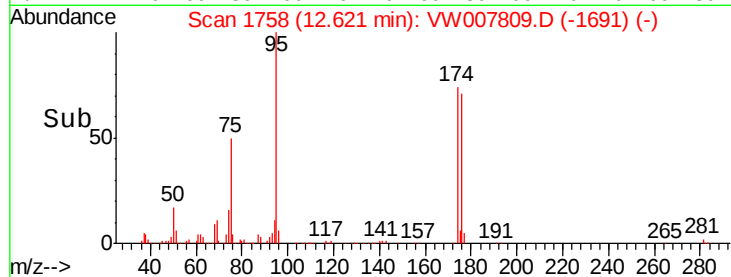
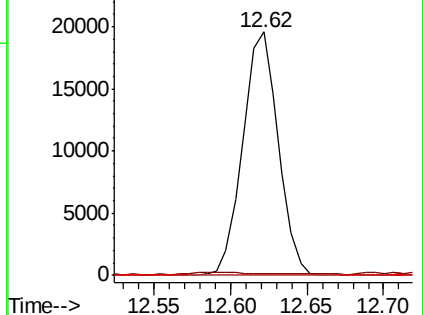
89 0.0 39.2 58.8#



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: 23.054 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.18 min

Lab File: VW007809.D

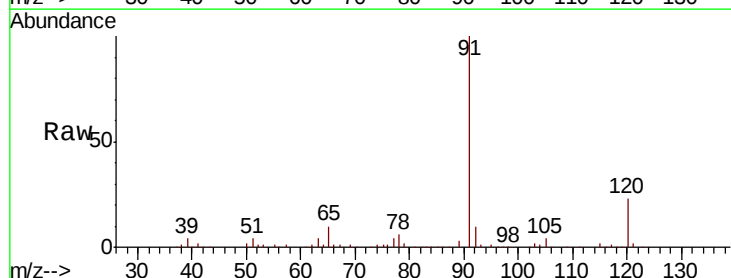
Acq: 21 Dec 2018 21:33

Tgt Ion: 91 Resp: 81214

Ion Ratio Lower Upper

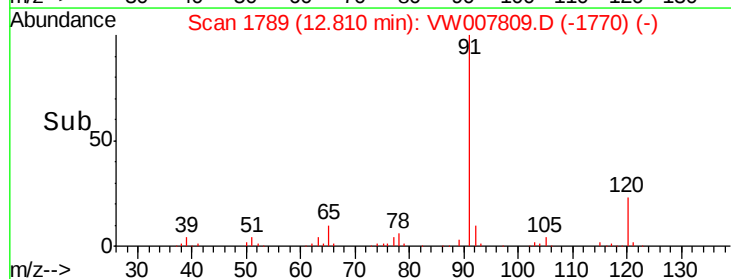
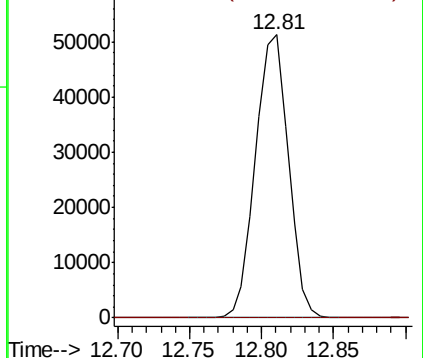
91 100

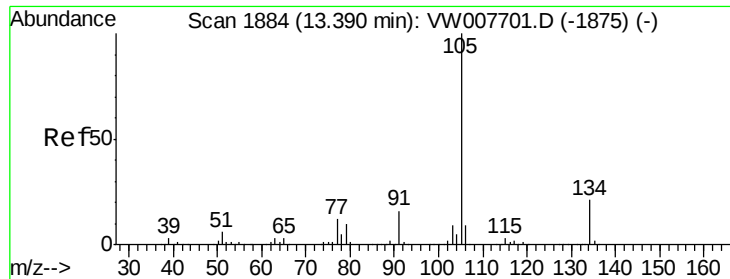
126 0.0 16.5 49.5#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#85

sec-Butylbenzene

Concen: 3.484 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

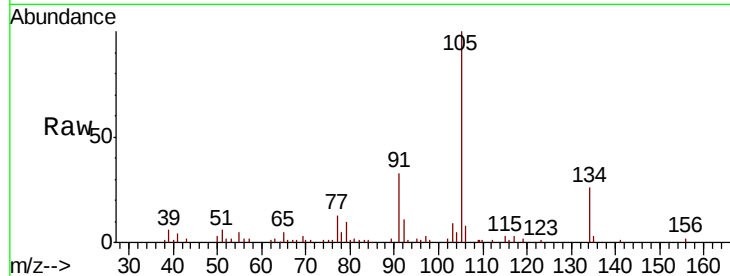
ClientSampleId :

Tot Ion:105 Resp: 17730

Ion Ratio Lower Upper

105 100

134 40.3 10.2 30.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12000

10000

8000

6000

4000

2000

0

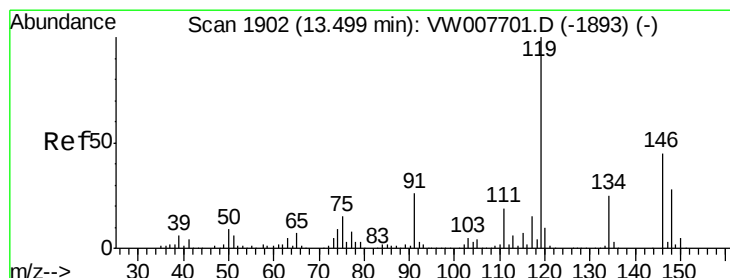
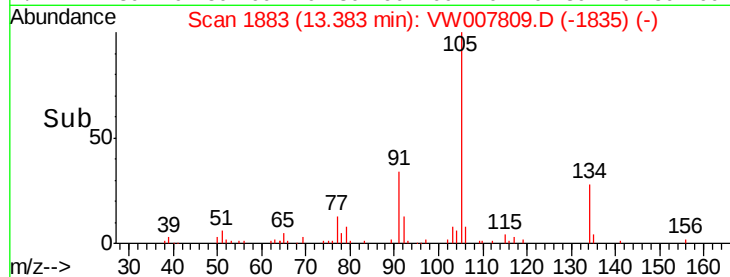
13.38

13.35

13.40

13.45

Time-->



#86

p-Isopropyltoluene

Concen: 1.620 ug/l

RT: 13.66 min Scan# 1928

Delta R.T. 0.16 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

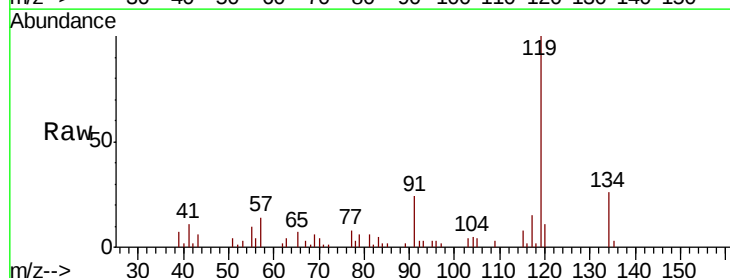
Tgt Ion:119 Resp: 7496

Ion Ratio Lower Upper

119 100

134 24.4 13.0 39.0

91 27.9 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

25000

20000

15000

10000

5000

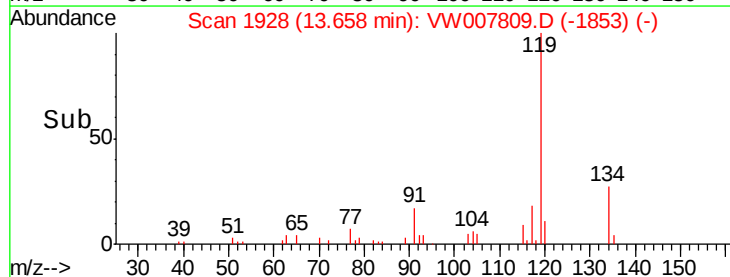
0

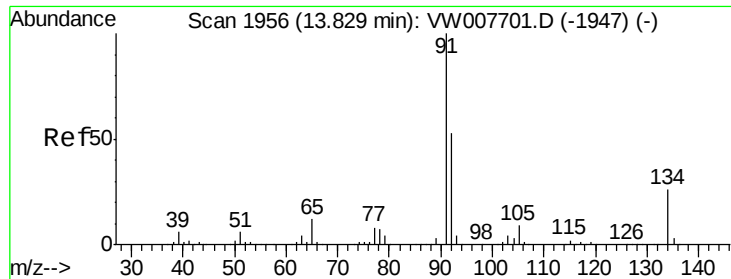
13.66

13.60

13.70

Time-->





#89

n-Butylbenzene

Concen: 2.646 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

ClientSampled :

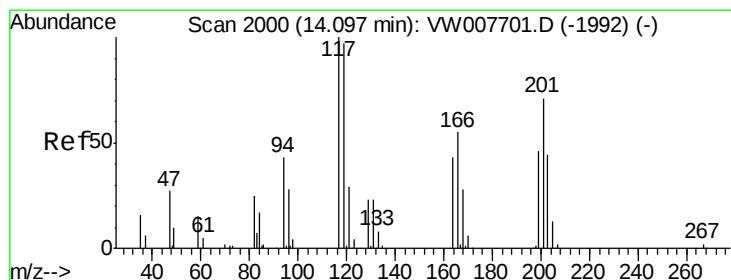
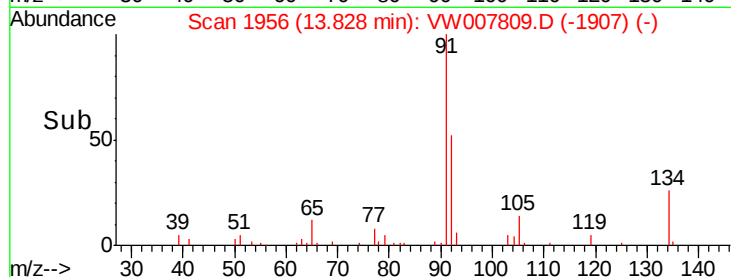
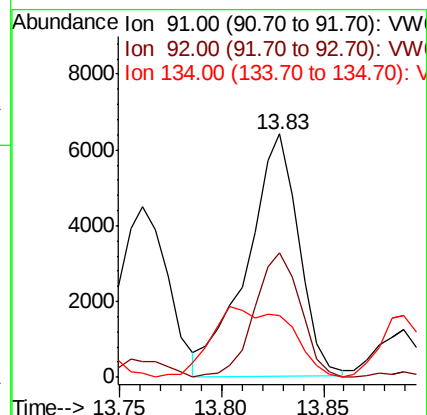
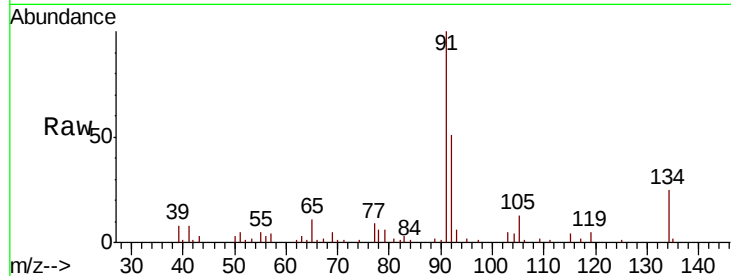
Tot Ion: 91 Resp: 11228

Ion Ratio Lower Upper

91 100

92 46.0 26.4 79.2

134 0.0 13.7 41.0#



#90

Hexachloroethane

Concen: 13.865 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007809.D

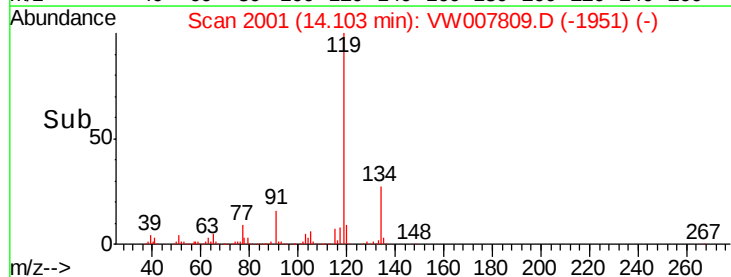
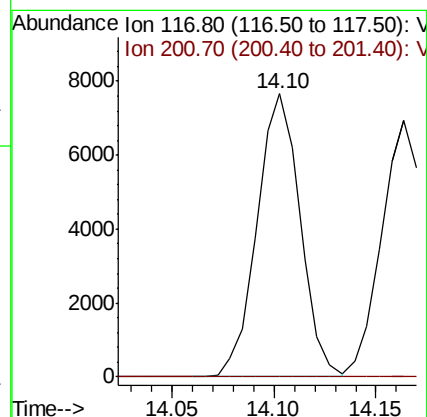
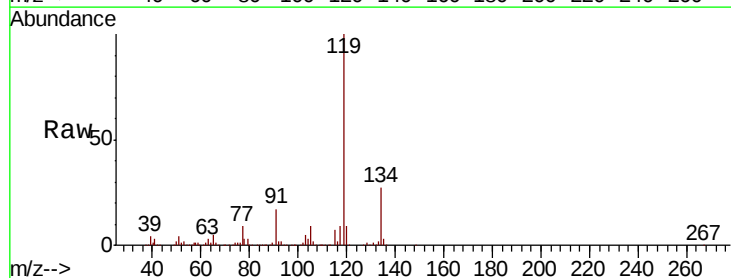
Acq: 21 Dec 2018 21:33

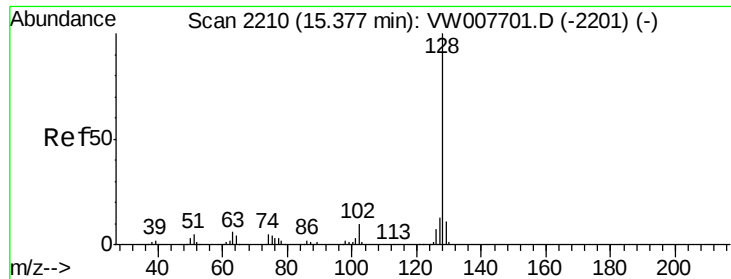
Tgt Ion: 117 Resp: 11264

Ion Ratio Lower Upper

117 100

201 0.0 36.2 108.6#

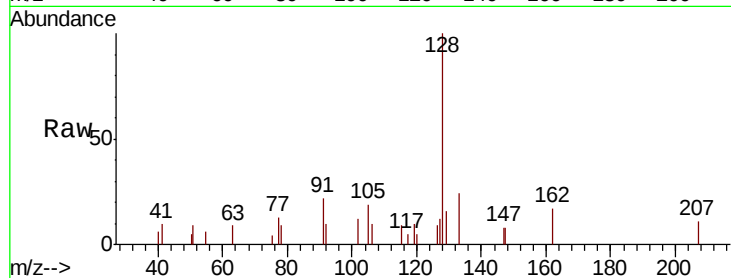




#95
 Naphthalene
 Concen: 1.105 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW007809.D
 Acq: 21 Dec 2018 21:33

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	9.4	10.7	16.1#
129	8.1	8.8	13.2#



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

