

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122218\
 Data File : VW007769.D
 Acq On : 21 Dec 2018 00:53
 Operator : SY/AP
 Sample : J6423-01
 Misc : 3.64G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 03:58:44 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	12469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	20321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	18350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8631	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	6194	45.32	ug/l	0.00
Spiked Amount			Recovery	=	90.64%	
35) Dibromofluoromethane	7.88	113	5292	42.69	ug/l	0.00
Spiked Amount			Recovery	=	85.38%	
50) Toluene-d8	10.33	98	18936	40.52	ug/l	0.00
Spiked Amount			Recovery	=	81.04%	
62) 4-Bromofluorobenzene	12.62	95	8096	44.84	ug/l	0.00
Spiked Amount			Recovery	=	89.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.36	62	13938	160.861	ug/l	93
12) 1,1-Dichloroethene	4.04	96	391	3.178	ug/l #	60
16) Acetone	4.13	43	1430	55.877	ug/l	96
17) Carbon Disulfide	4.39	76	913	2.398	ug/l #	75
20) Methylene Chloride	4.92	84	138	Below Cal	#	49
21) trans-1,2-Dichloroethene	5.43	96	296	2.188	ug/l #	83
27) cis-1,2-Dichloroethene	7.17	96	18897	131.094	ug/l	93
31) Cyclohexane	7.96	56	592	2.910	ug/l #	59
36) 1,1-Dichloropropene	7.95	75	909	4.635	ug/l #	40
38) Carbon Tetrachloride	7.95	117	1363	5.901	ug/l #	11
43) Isopropyl Acetate	8.48	43	313	2.308	ug/l #	49
44) Trichloroethene	9.09	130	4480	28.305	ug/l	82
48) Methyl methacrylate	9.39	41	118	1.743	ug/l #	29
52) Toluene	10.38	92	1485	4.229	ug/l	96
55) 1,1,2-Trichloroethane	10.76	97	207	2.100	ug/l #	15
59) 2-Hexanone	10.95	43	125	2.773	ug/l #	24
60) Dibromochloromethane	11.13	129	235	1.801	ug/l #	11
67) Ethyl Benzene	11.73	91	6331	9.289	ug/l #	86
68) m/p-Xylenes	11.85	106	3772	14.267	ug/l	99
69) o-Xylene	12.16	106	1500	6.053	ug/l	99
73) Isopropylbenzene	12.47	105	2333	3.576	ug/l	98
74) N-amyl acetate	12.26	43	259	2.292	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.71	83	225	2.300	ug/l #	26
76) 1,2,3-Trichloropropane	12.90	75	237	3.553	ug/l #	100
77) Bromobenzene	12.93	156	25370	169.681	ug/l #	1
78) n-propylbenzene	12.81	91	5986	7.882	ug/l	94
79) 2-Chlorotoluene	12.95	91	915	2.068	ug/l	79
80) 1,3,5-Trimethylbenzene	12.94	105	5170	9.187	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.43	75	122	3.839	ug/l #	30
82) 4-Chlorotoluene	12.95	91	915	1.942	ug/l	80
83) tert-Butylbenzene	13.45	119	705	1.428	ug/l	86
84) 1,2,4-Trimethylbenzene	13.26	105	7774	13.690	ug/l	97
85) sec-Butylbenzene	13.39	105	1418	2.084	ug/l	83
86) p-Isopropyltoluene	13.65	119	803	1.298	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122218\
Data File : VW007769.D
Acq On : 21 Dec 2018 00:53
Operator : SY/AP
Sample : J6423-01
Misc : 3.64G/5ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 21 03:58:44 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

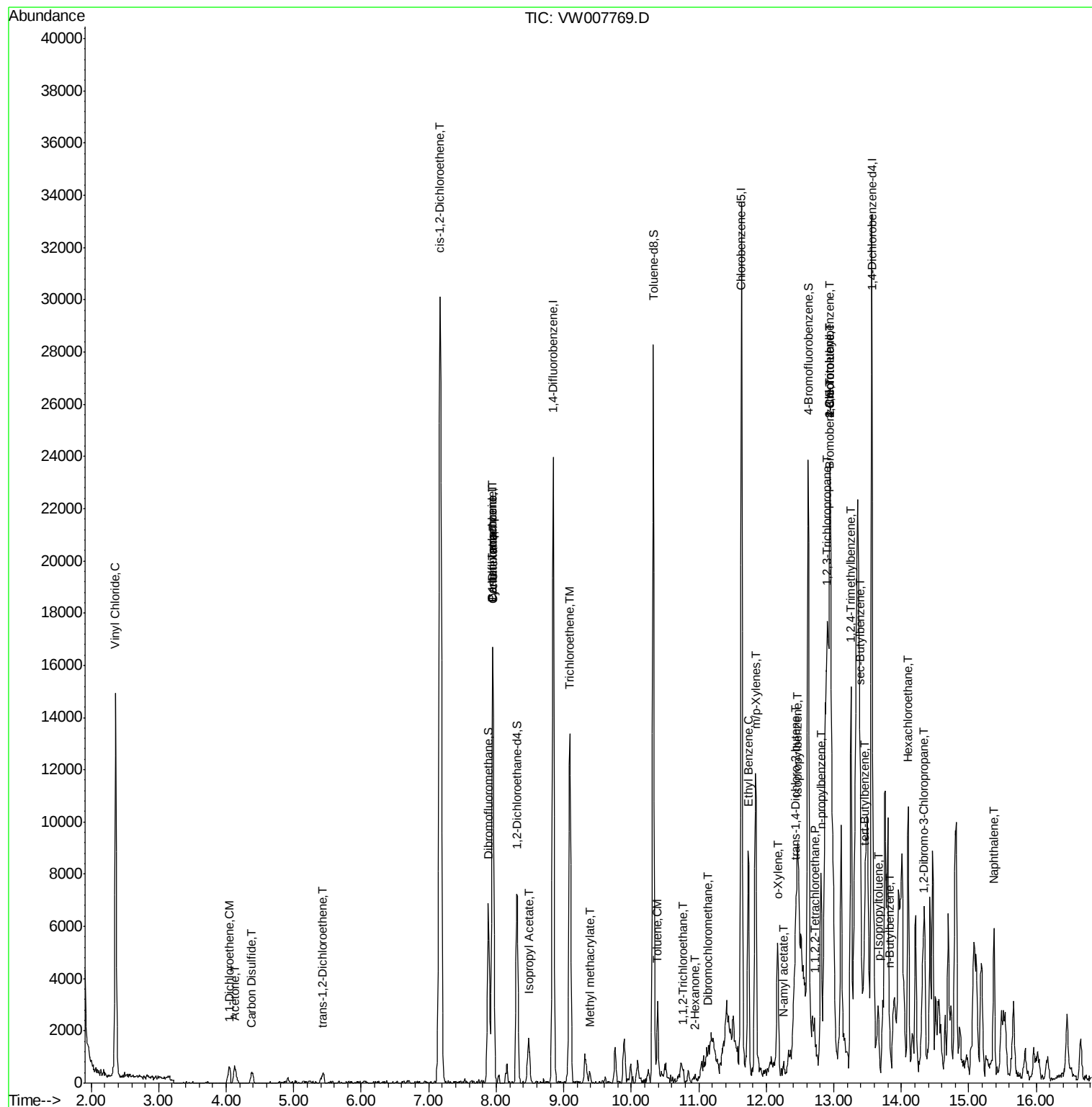
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.83	91	601	1.059	ug/l #	67
90) Hexachloroethane	14.10	117	690	6.352	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.32	75	52	2.589	ug/l #	1
95) Naphthalene	15.38	128	5411	15.863	ug/l	96

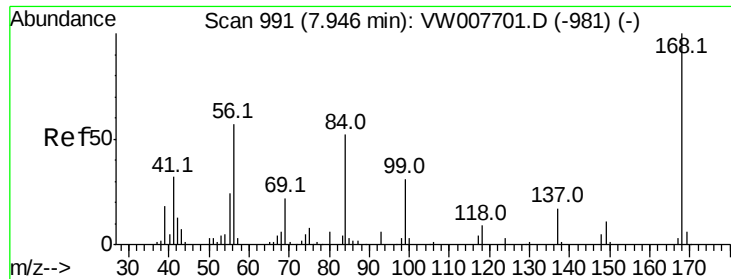
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122218\
Data File : VW007769.D
Acq On : 21 Dec 2018 00:53
Operator : SY/AP
Sample : J6423-01
Misc : 3.64G/5ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 21 03:58:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

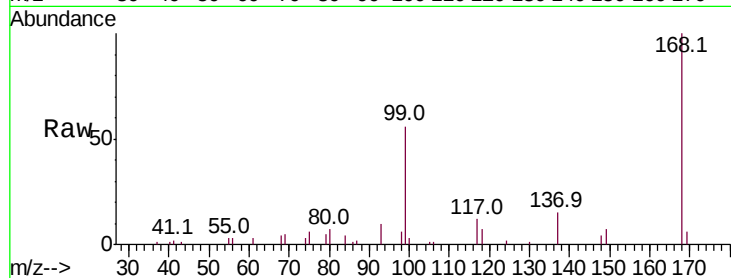
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 12469

Ion Ratio Lower Upper

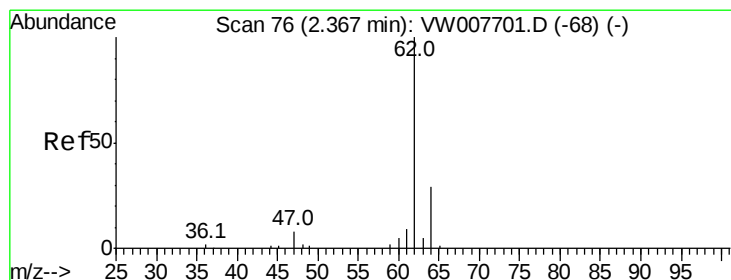
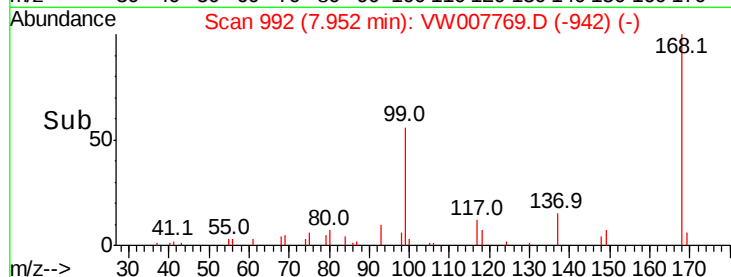
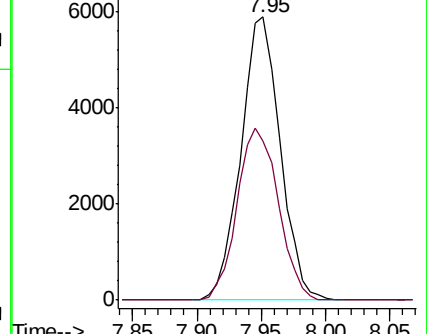
168 100

99 56.1 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#4

Vinyl Chloride

Concen: 160.861 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW007769.D

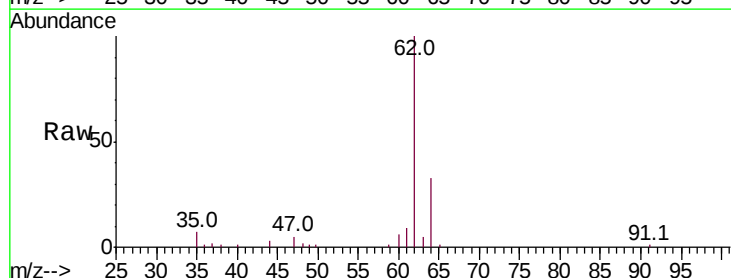
Acq: 21 Dec 2018 00:53

Tgt Ion: 62 Resp: 13938

Ion Ratio Lower Upper

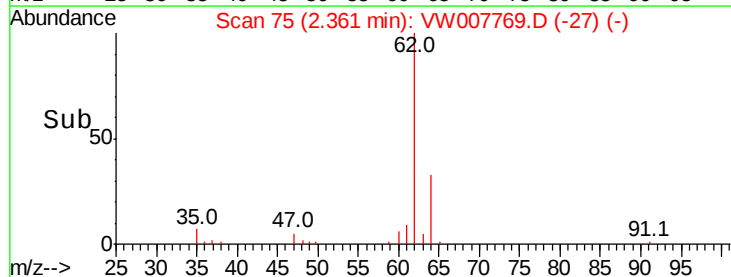
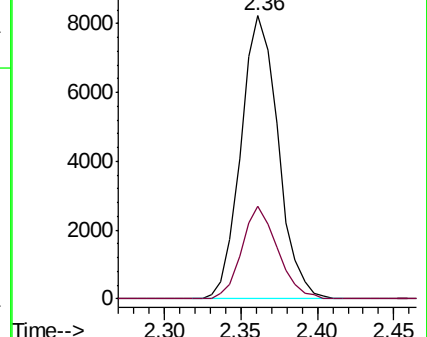
62 100

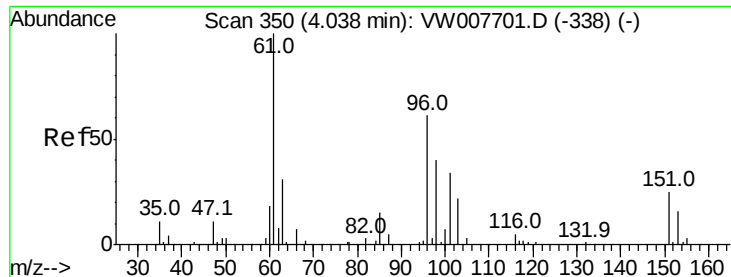
64 32.9 23.4 35.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#12

1,1-Dichloroethene

Concen: 3.178 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

Instrument :
MSVOA_W
ClientSampled :

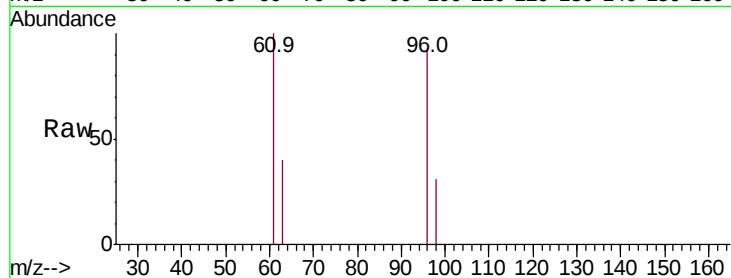
Tot Ion: 96 Resp: 391

Ion Ratio Lower Upper

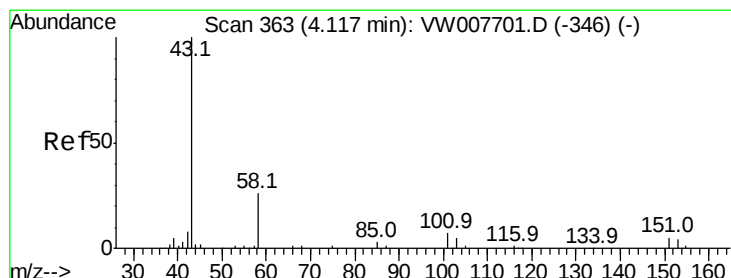
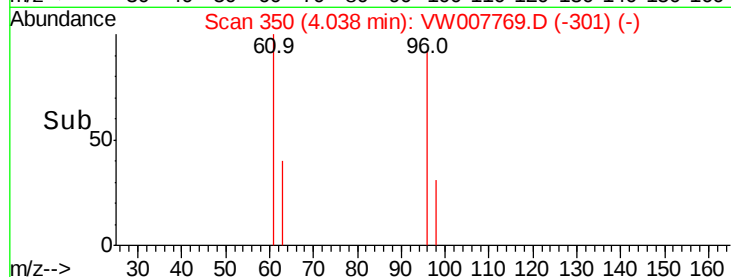
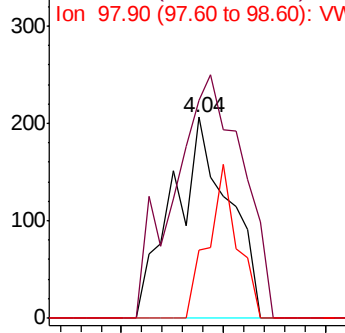
96 100

61 108.7 130.6 195.8#

98 34.0 52.3 78.5#



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#16

Acetone

Concen: 55.877 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007769.D

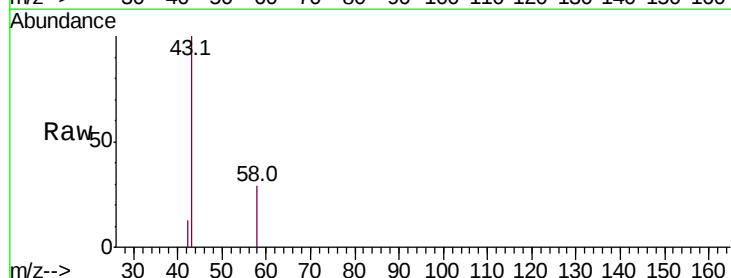
Acq: 21 Dec 2018 00:53

Tgt Ion: 43 Resp: 1430

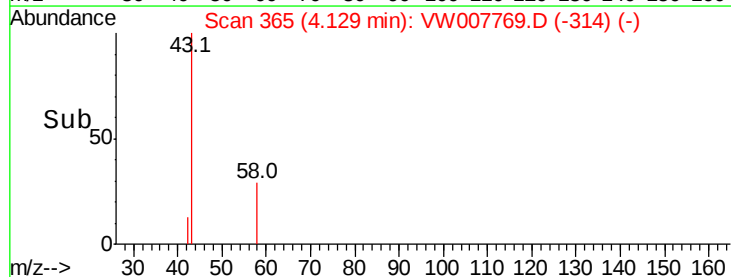
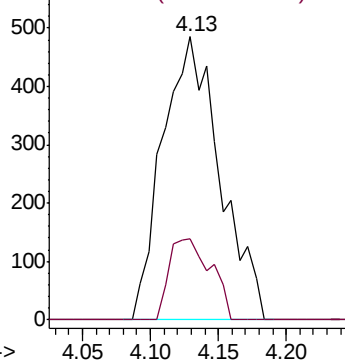
Ion Ratio Lower Upper

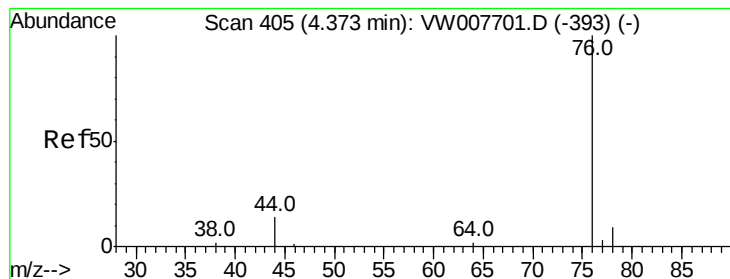
43 100

58 28.7 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: 2.398 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

Instrument :

MSVOA_W

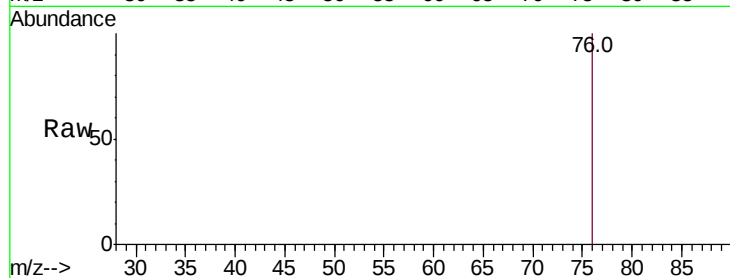
ClientSampled :

Tot Ion: 76 Resp: 913

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

400

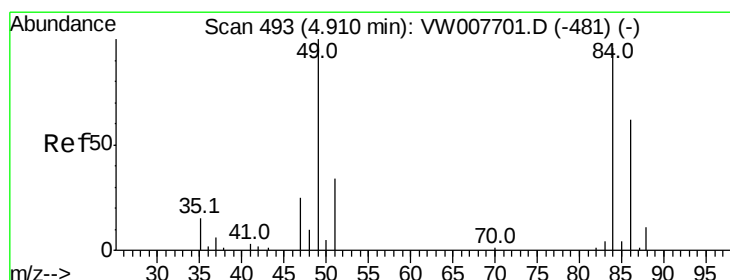
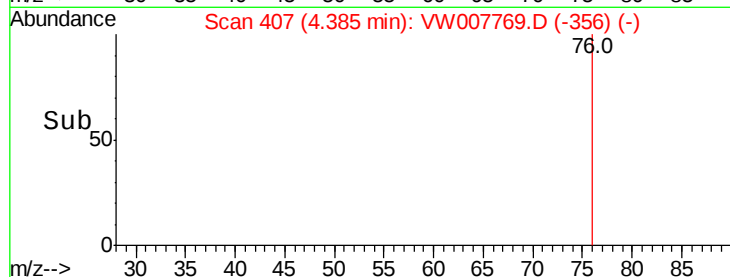
300

200

100

0

Time--> 4.30 4.35 4.40 4.45



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

Tgt Ion: 84 Resp: 138

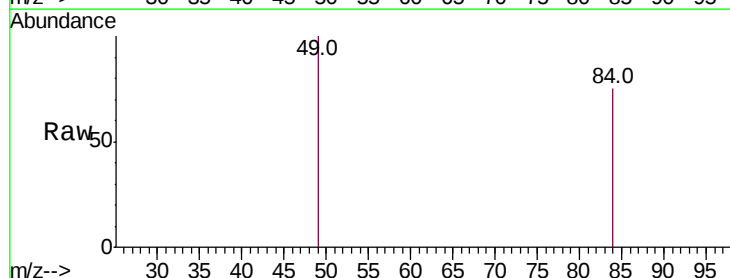
Ion Ratio Lower Upper

84 100

49 133.7 83.7 125.5#

51 0.0 28.2 42.2#

86 0.0 52.2 78.2#



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

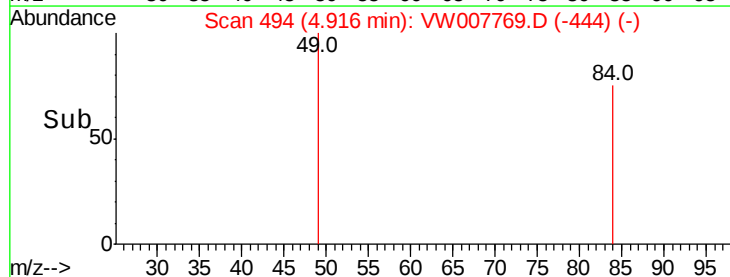
150

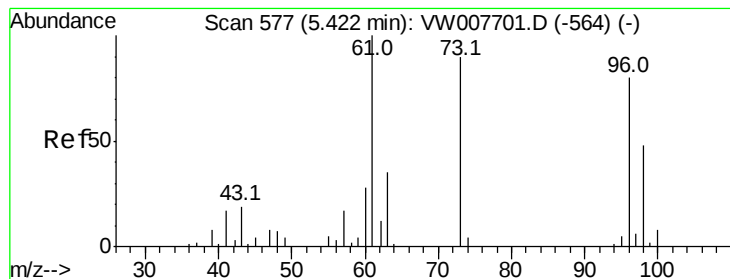
100

50

0

Time--> 4.88 4.90 4.92 4.94





#21

trans-1,2-Dichloroethene

Concen: 2.188 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampled :

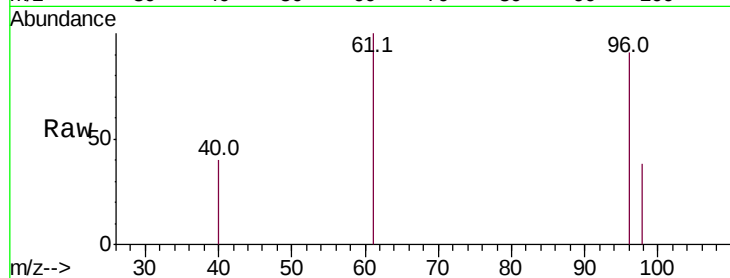
Tot Ion: 96 Resp: 296

Ion Ratio Lower Upper

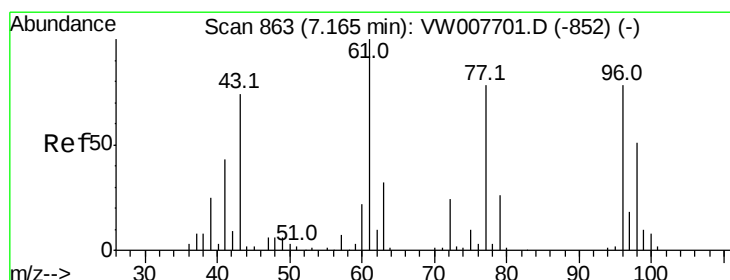
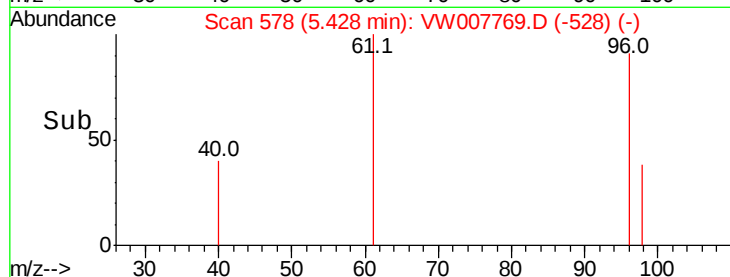
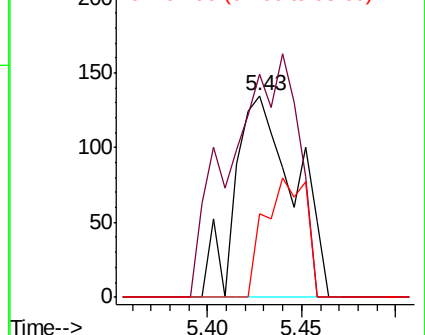
96 100

61 110.4 100.1 150.1

98 41.5 48.5 72.7#



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#27

cis-1,2-Dichloroethene

Concen: 131.094 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

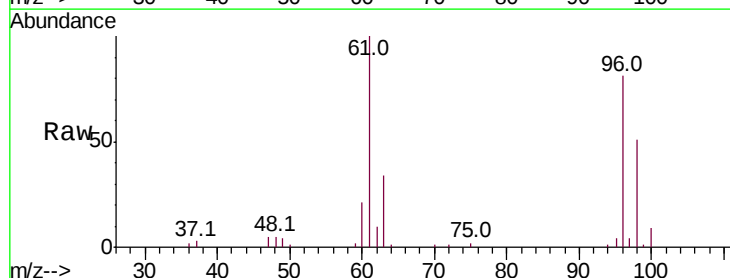
Tgt Ion: 96 Resp: 18897

Ion Ratio Lower Upper

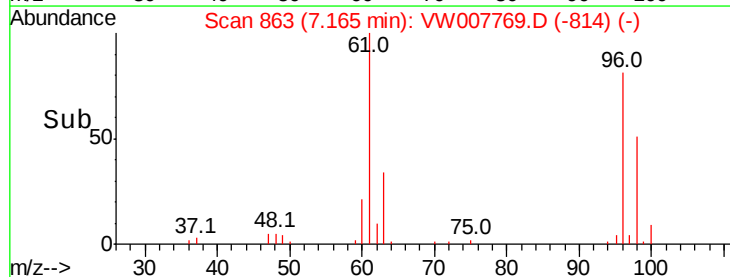
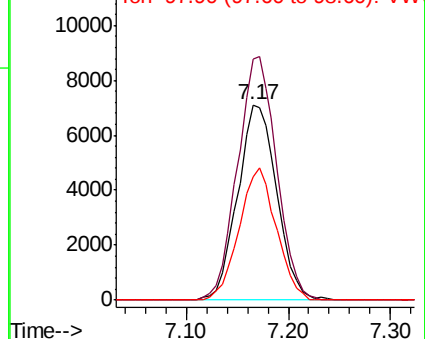
96 100

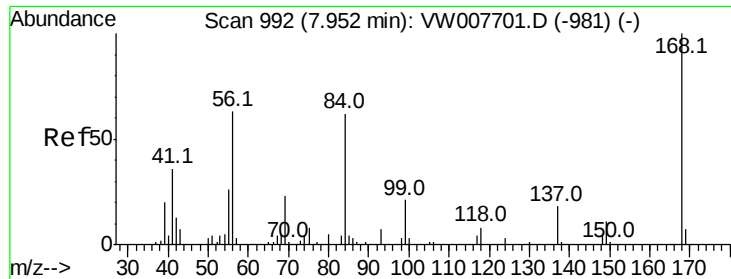
61 124.3 0.0 271.6

98 64.3 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW

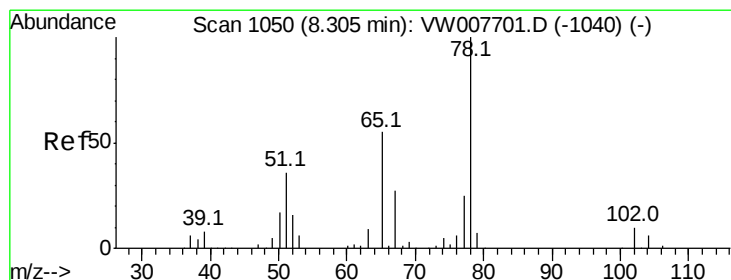
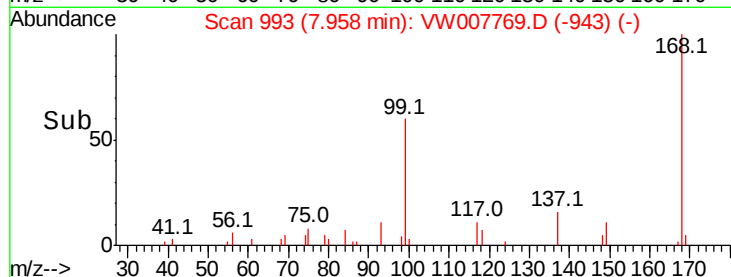
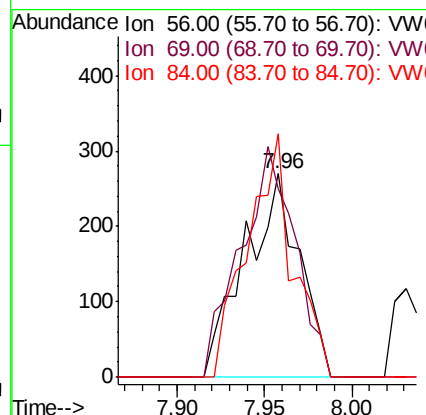
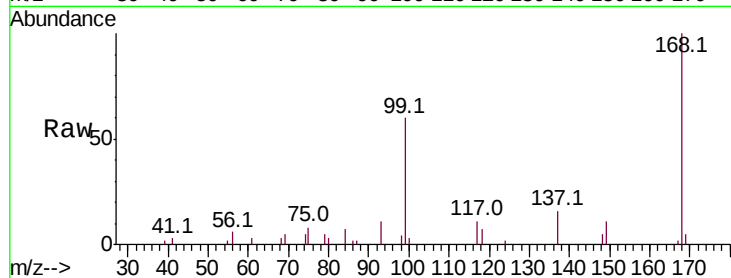




#31
Cyclohexane
Concen: 2.910 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

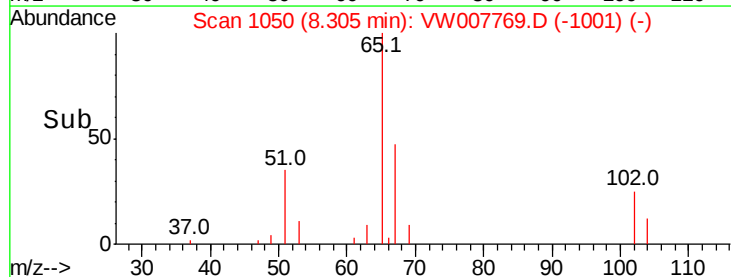
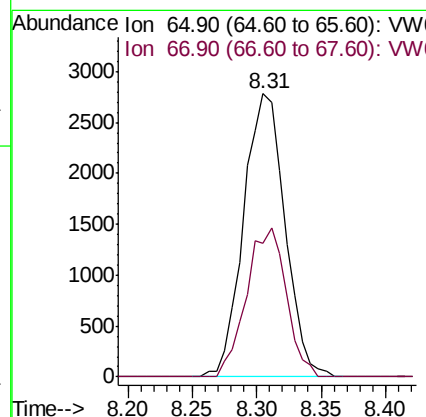
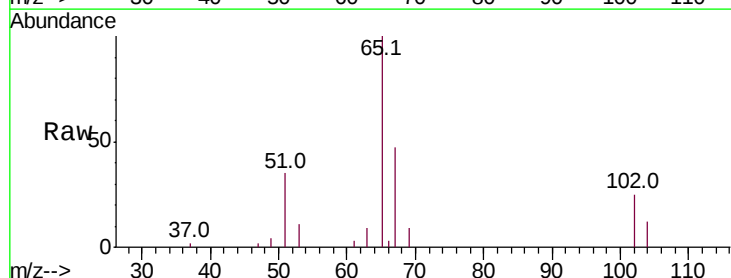
Instrument :
MSVOA_W
ClientSampled :

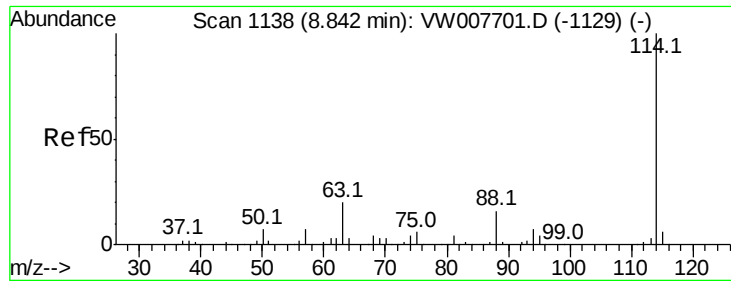
Tot Ion: 56 Resp: 592
Ion Ratio Lower Upper
56 100
69 92.6 29.7 44.5#
84 119.6 78.9 118.3#



#33
1,2-Dichloroethane-d4
Concen: 45.322 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion: 65 Resp: 6194
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.6

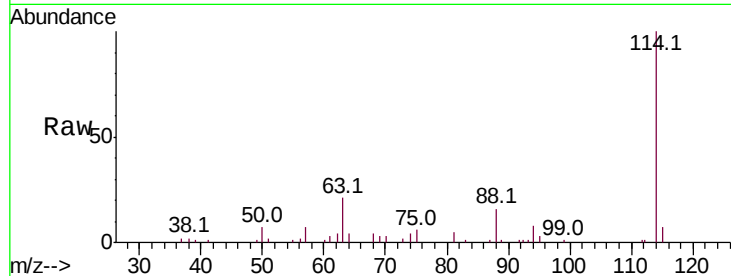




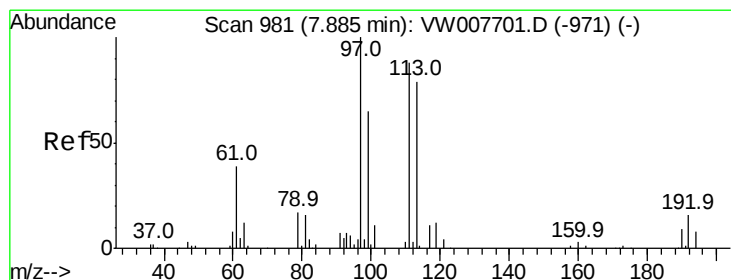
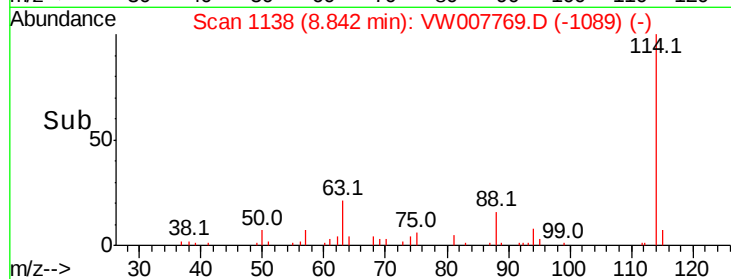
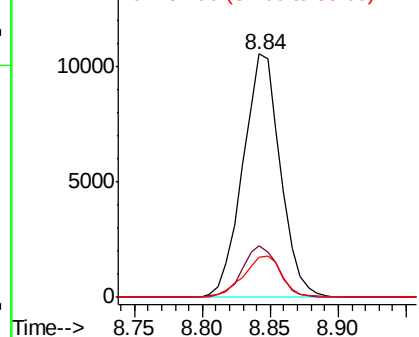
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007769.D
 Acq: 21 Dec 2018 00:53

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:114 Resp: 20321
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.0
 88 16.4 0.0 32.6

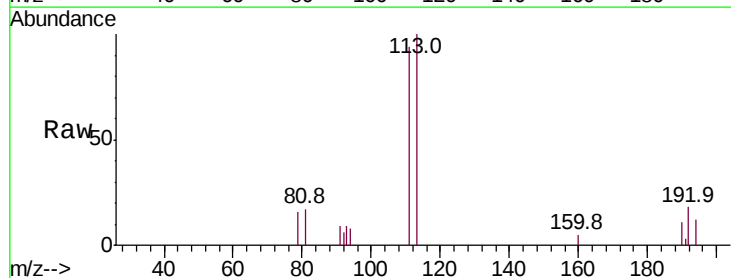


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

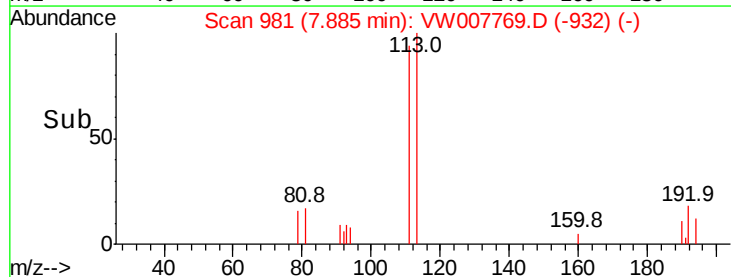
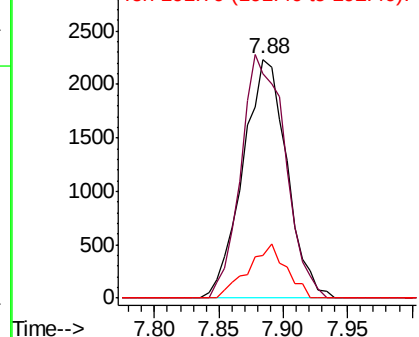


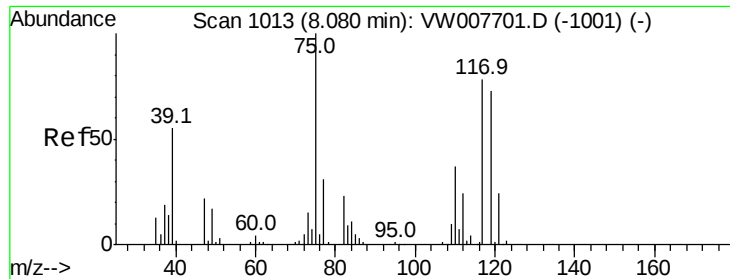
#35
 Dibromofluoromethane
 Concen: 42.688 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007769.D
 Acq: 21 Dec 2018 00:53

Tgt Ion:113 Resp: 5292
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.6 124.0
 192 19.7 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

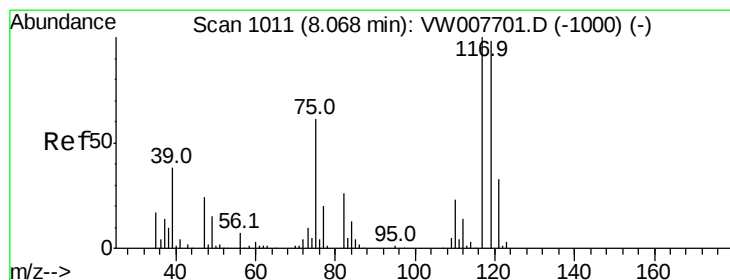
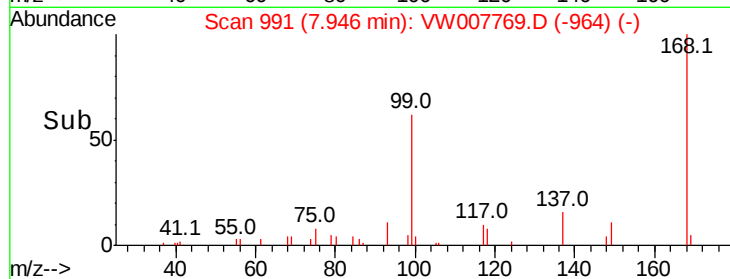
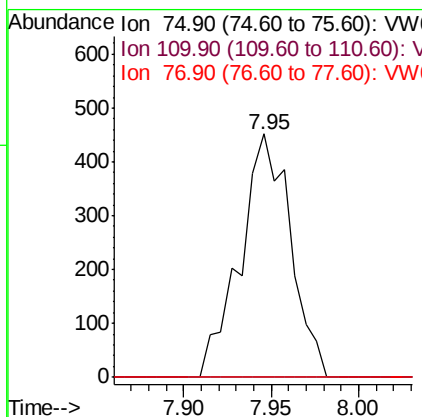
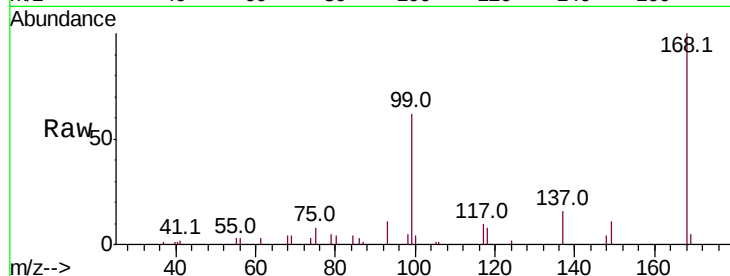




#36
 1,1-Dichloropropene
 Concen: 4.635 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007769.D
 Acq: 21 Dec 2018 00:53

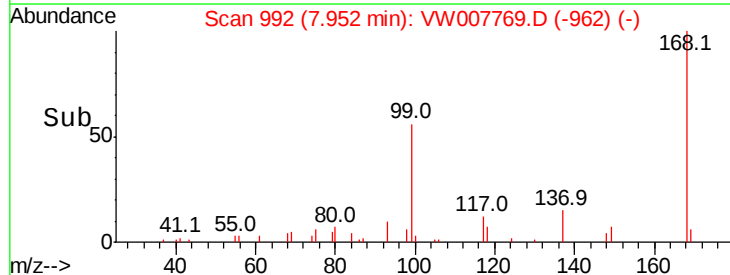
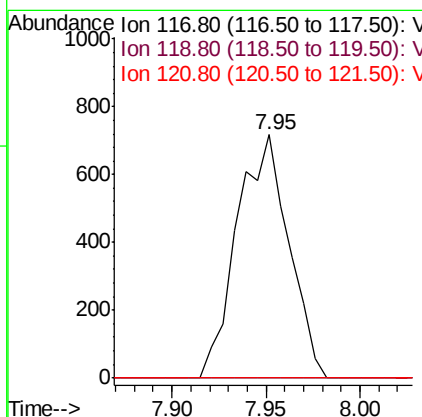
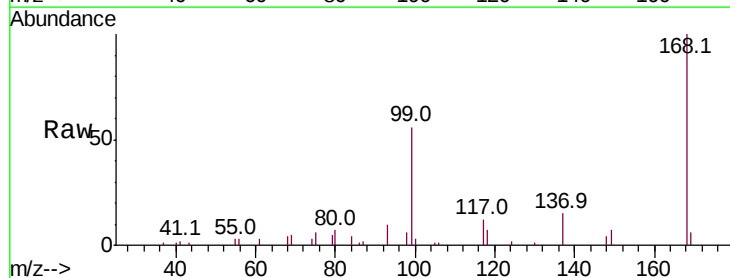
Instrument :
 MSVOA_W
 ClientSampleId :

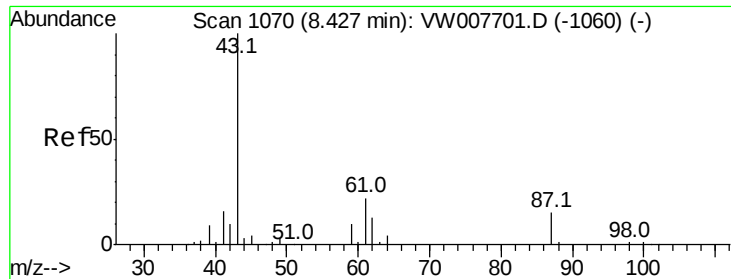
Tot Ion: 75 Resp: 909
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.6 55.8#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.901 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007769.D
 Acq: 21 Dec 2018 00:53

Tgt Ion: 117 Resp: 1363
 Ion Ratio Lower Upper
 117 100
 119 0.0 78.2 117.2#
 121 0.0 26.1 39.1#





#43

Isopropyl Acetate

Concen: 2.308 ug/l

RT: 8.48 min Scan# 1079

Delta R.T. 0.05 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampled :

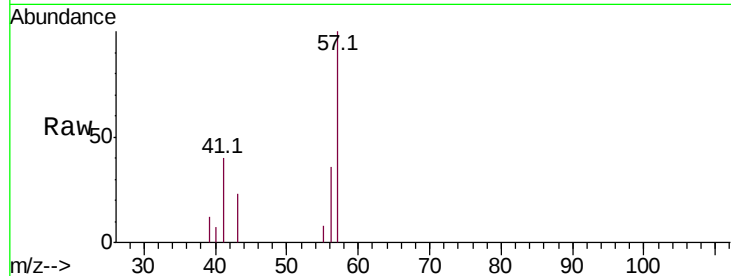
Tot Ion: 43 Resp: 313

Ion Ratio Lower Upper

43 100

61 0.0 26.3 39.5#

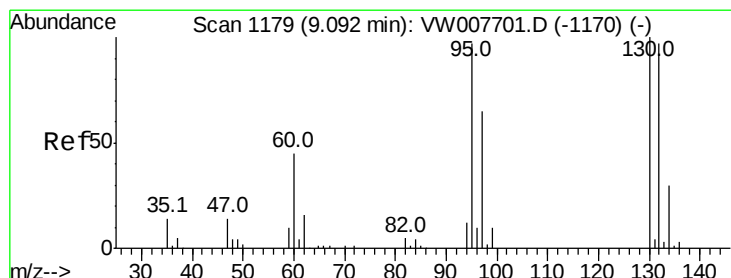
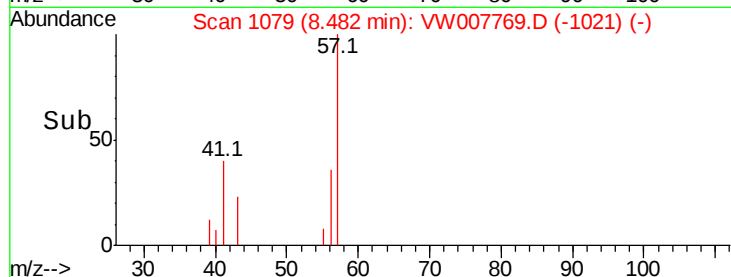
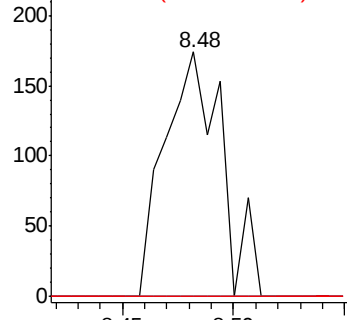
87 0.0 12.0 18.0#



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



#44

Trichloroethene

Concen: 28.305 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007769.D

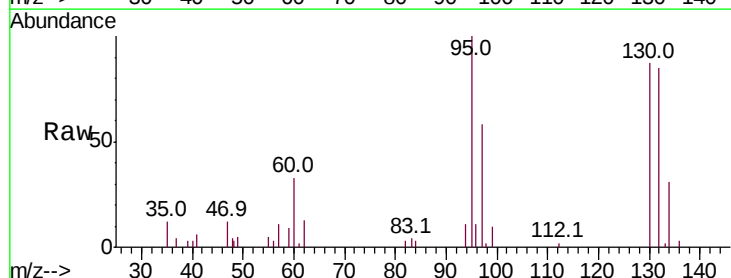
Acq: 21 Dec 2018 00:53

Tgt Ion: 130 Resp: 4480

Ion Ratio Lower Upper

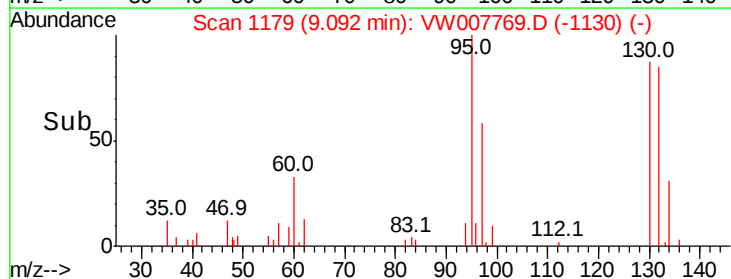
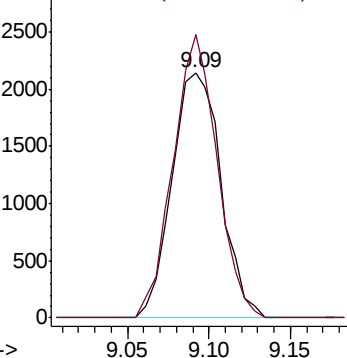
130 100

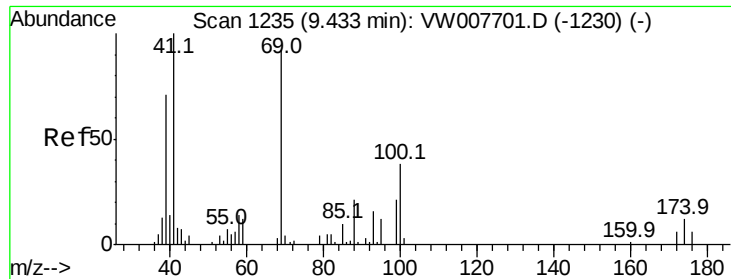
95 115.3 0.0 194.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#48

Methvl methacrylate

Concen: 1.743 ug/l

RT: 9.39 min Scan# 1228

Delta R.T. -0.04 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

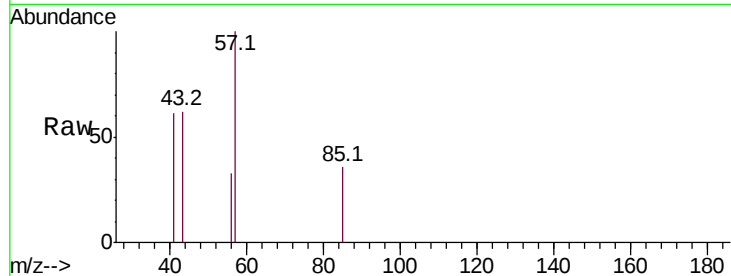
Tot Ion: 41 Resp: 118

Ion Ratio Lower Upper

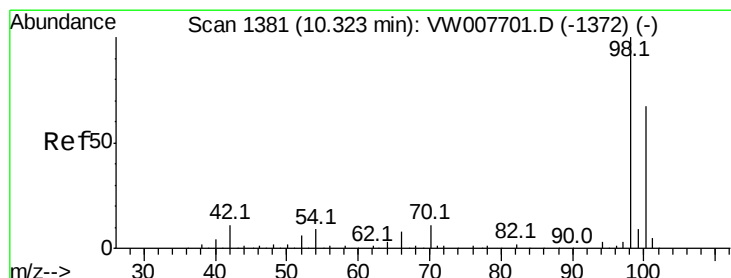
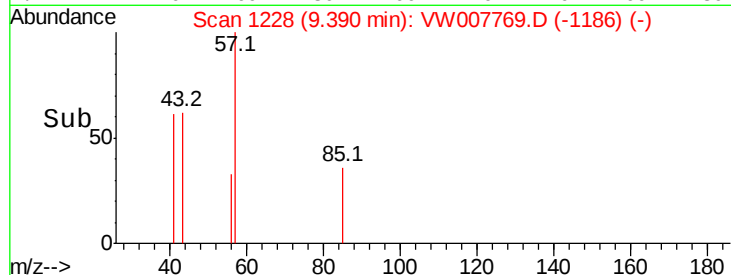
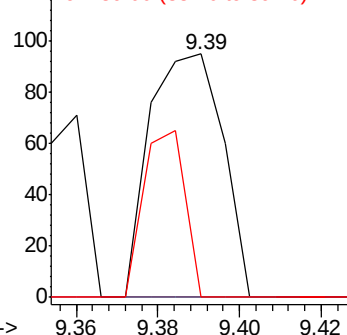
41 100

69 0.0 74.2 111.2#

39 39.0 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: 40.518 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW007769.D

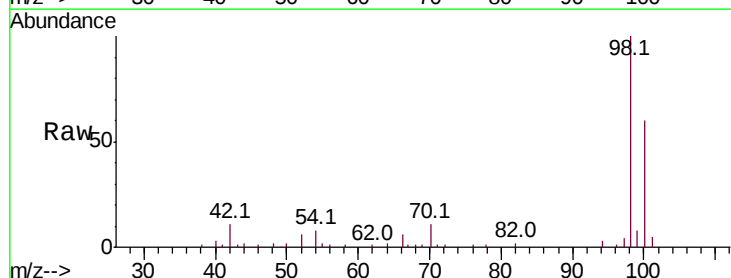
Acq: 21 Dec 2018 00:53

Tgt Ion: 98 Resp: 18936

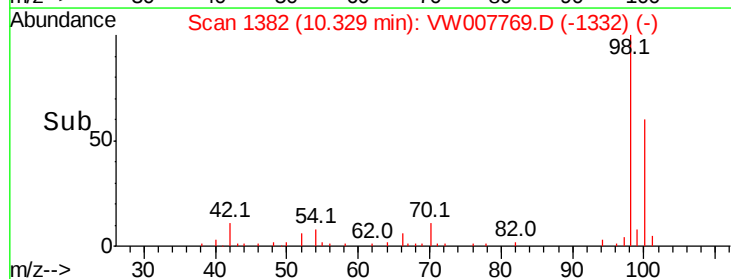
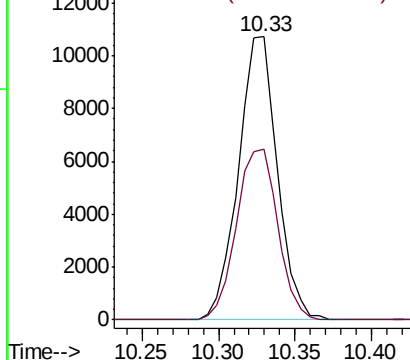
Ion Ratio Lower Upper

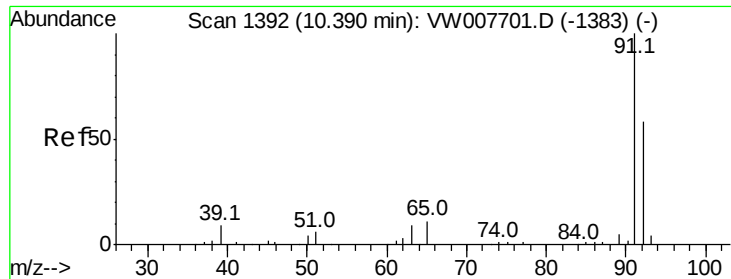
98 100

100 64.2 52.2 78.2



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





#52

Toluene

Concen: 4.229 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

Instrument :

MSVOA_W

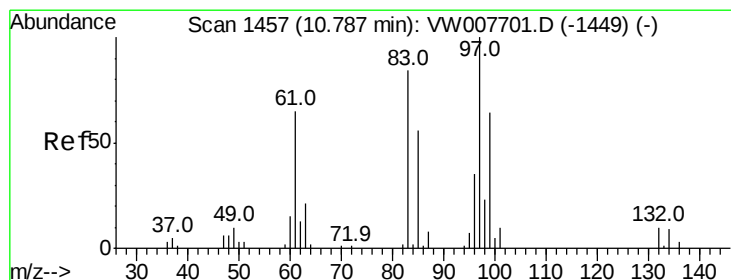
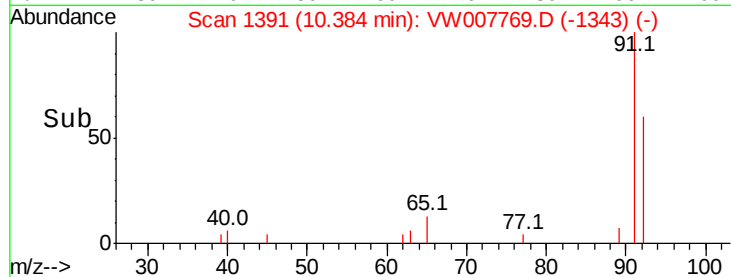
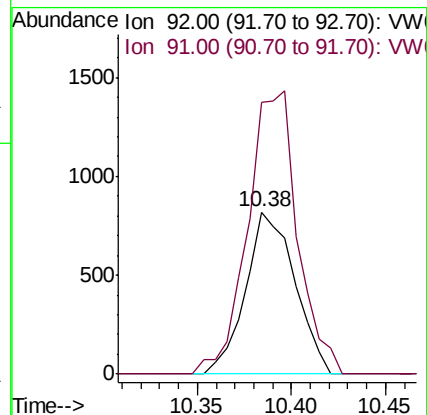
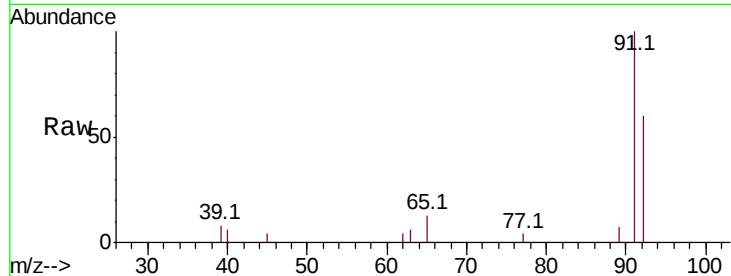
ClientSampleId :

Tot Ion: 92 Resp: 1485

Ion Ratio Lower Upper

92 100

91 176.8 137.0 205.4



#55

1,1,2-Trichloroethane

Concen: 2.100 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

Tgt Ion: 97 Resp: 207

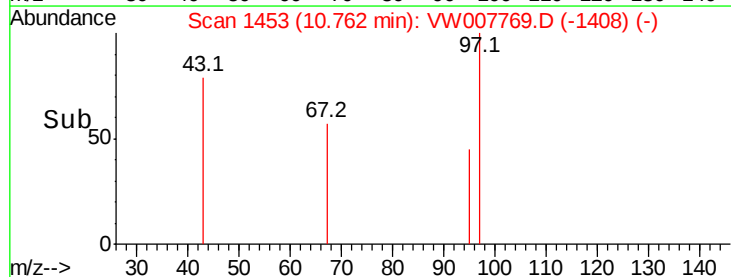
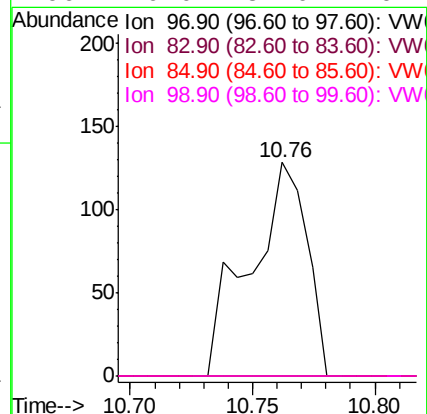
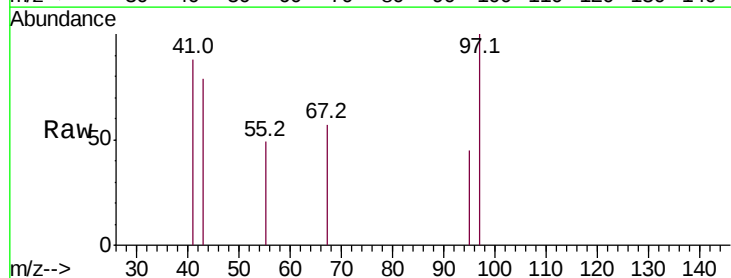
Ion Ratio Lower Upper

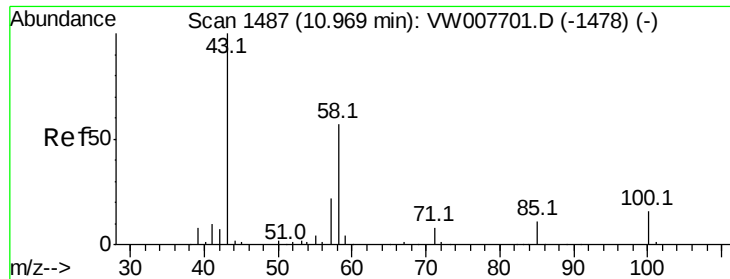
97 100

83 0.0 67.5 101.3#

85 0.0 44.8 67.2#

99 0.0 51.0 76.4#





#59

2-Hexanone

Concen: 2.773 ug/l

RT: 10.95 min Scan# 1483

Delta R.T. -0.02 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

Instrument :

MSVOA_W

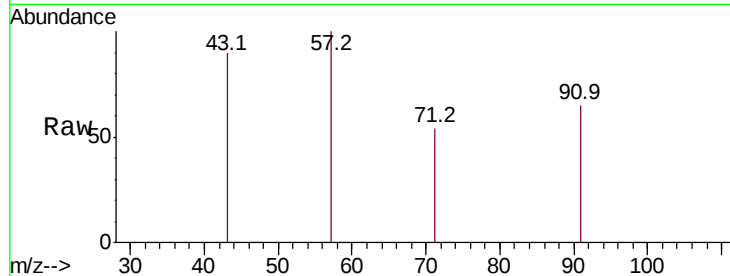
ClientSampled :

Tot Ion: 43 Resp: 125

Ion Ratio Lower Upper

43 100

58 0.0 27.7 83.1#

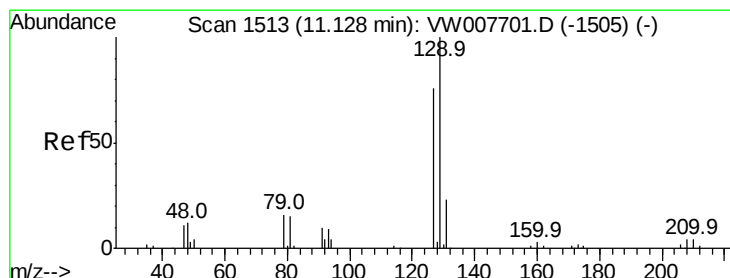
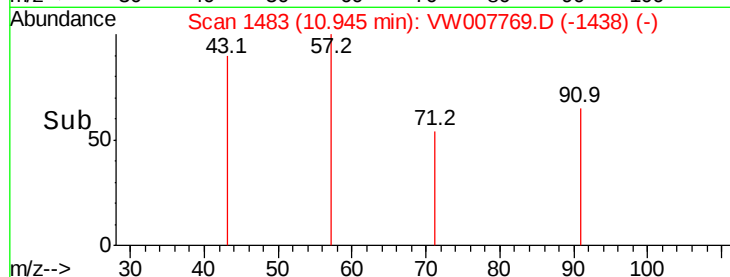
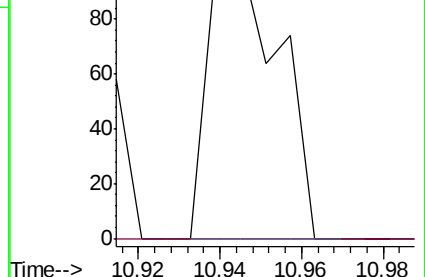


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.95

10.92 10.94 10.96 10.98



#60

Dibromochloromethane

Concen: 1.801 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VW007769.D

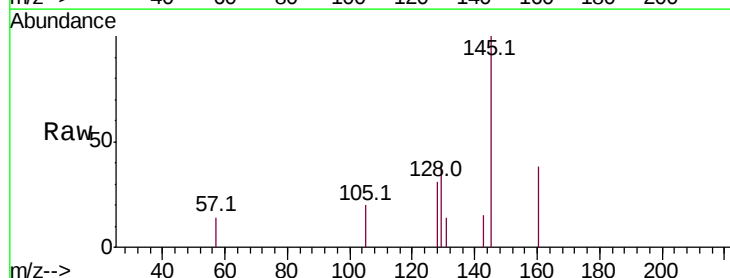
Acq: 21 Dec 2018 00:53

Tgt Ion: 129 Resp: 235

Ion Ratio Lower Upper

129 100

127 0.0 38.3 114.9#

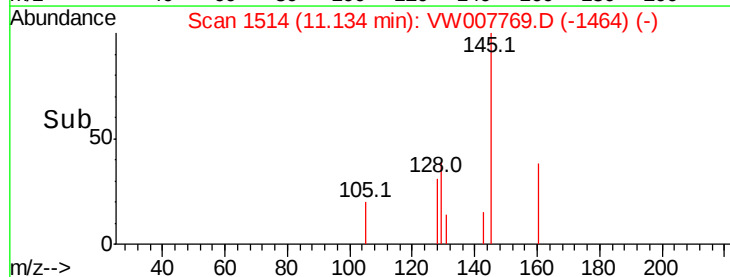
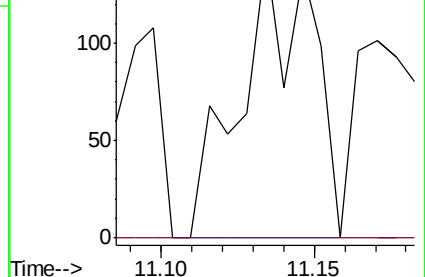


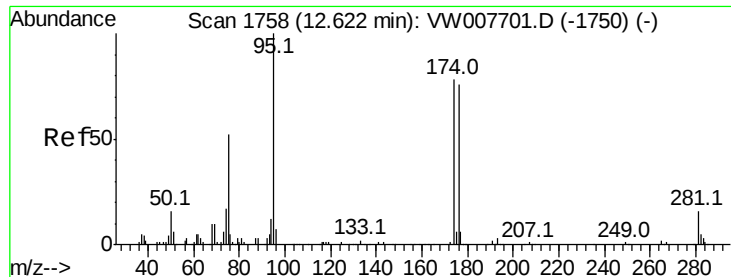
Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.13

11.10 11.15

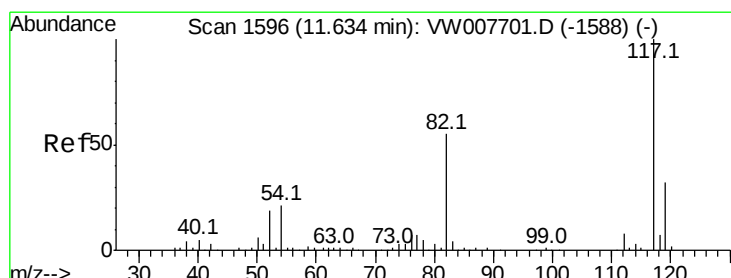
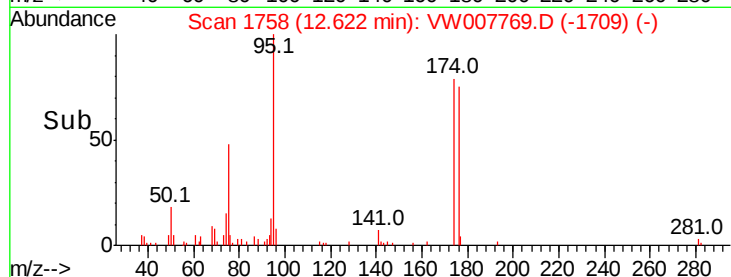
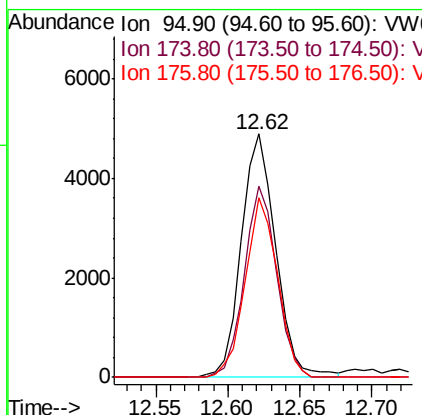
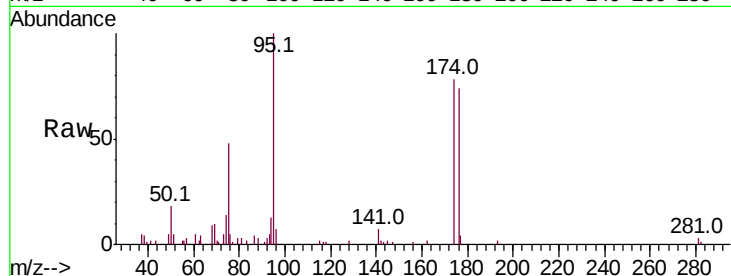




#62
4-Bromofluorobenzene
Concen: 44.842 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

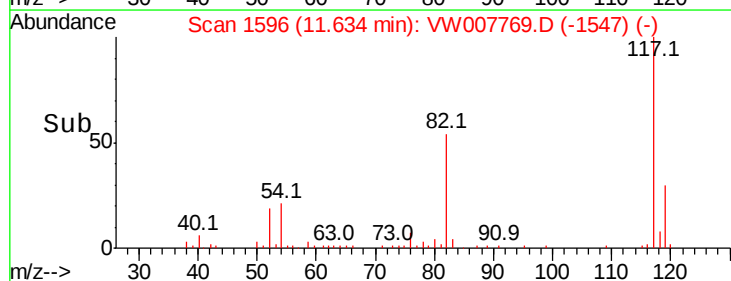
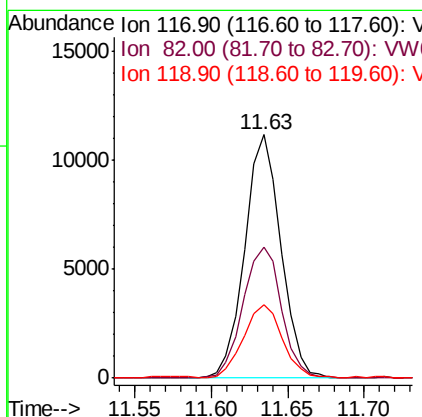
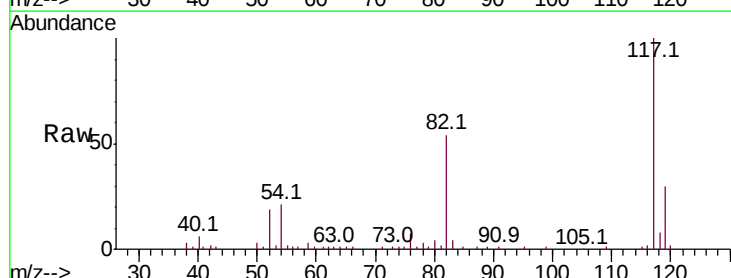
Instrument :
MSVOA_W
ClientSampleId :

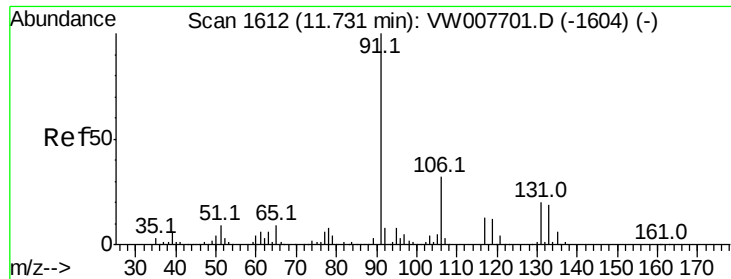
Tot Ion: 95 Resp: 8096
Ion Ratio Lower Upper
95 100
174 73.1 0.0 152.2
176 68.9 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion: 117 Resp: 18350
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 30.2 25.7 38.5

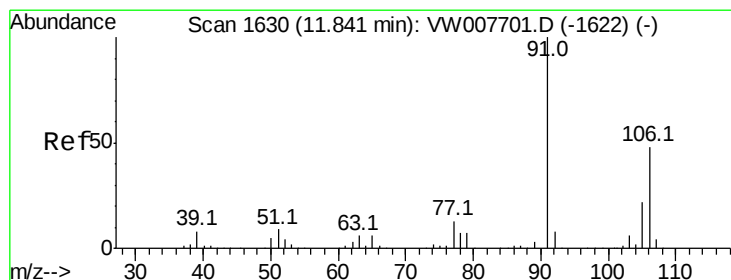
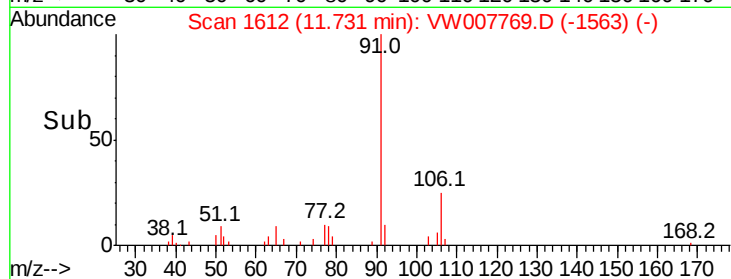
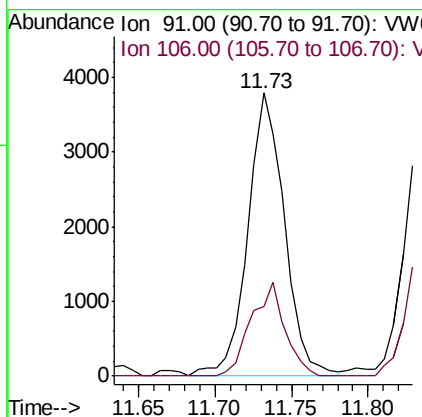
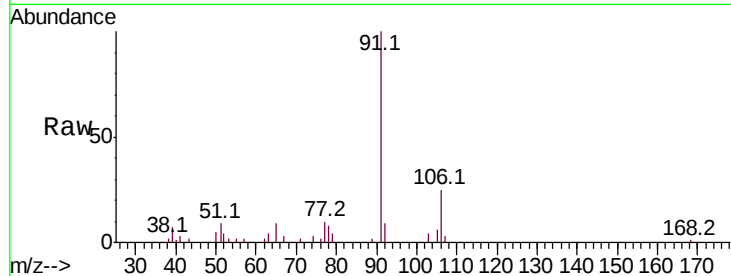




#67
Ethyl Benzene
Concen: 9.289 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

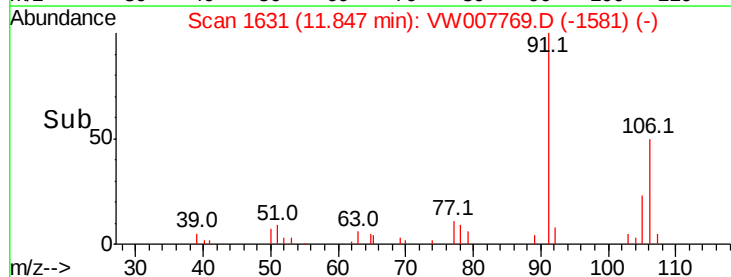
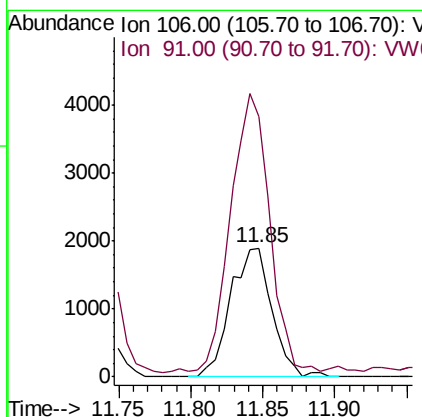
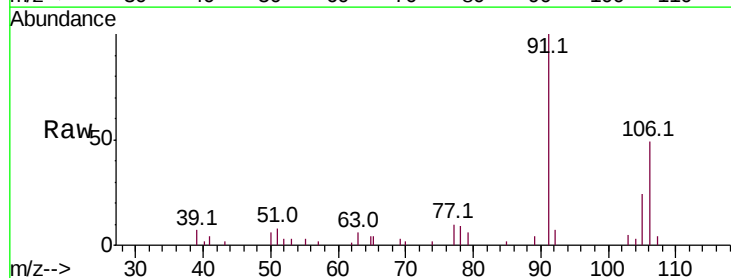
Instrument :
MSVOA_W
ClientSampleId :

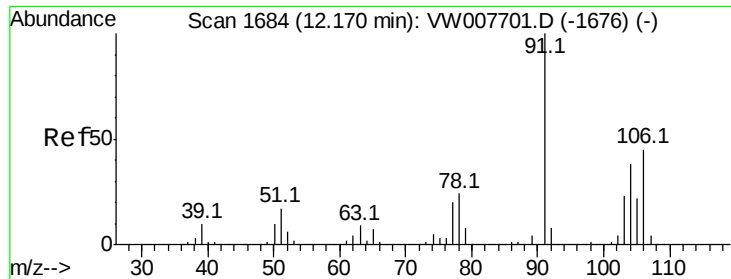
Tot Ion: 91 Resp: 6331
Ion Ratio Lower Upper
91 100
106 24.7 25.8 38.8#



#68
m/p-Xylenes
Concen: 14.267 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion:106 Resp: 3772
Ion Ratio Lower Upper
106 100
91 207.3 165.2 247.8

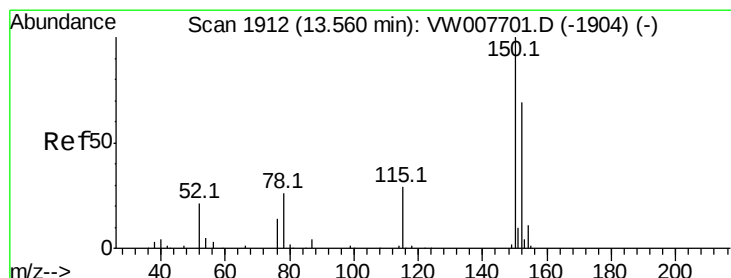
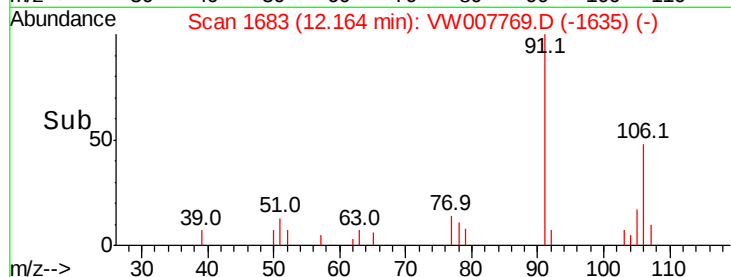
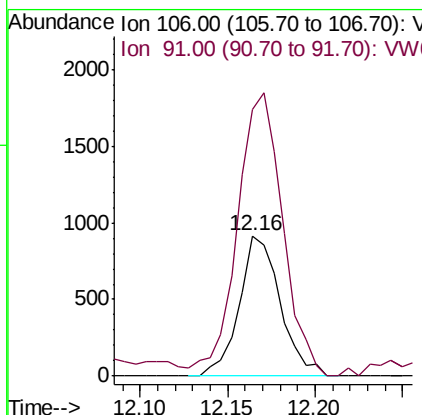
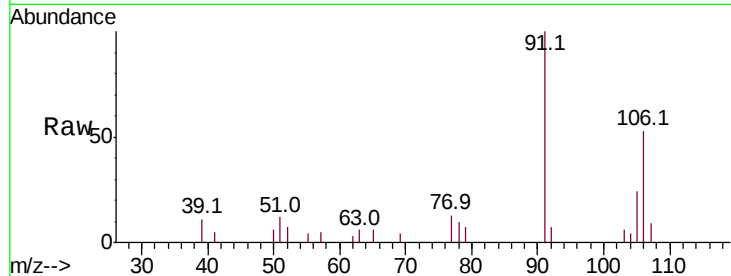




#69
o-Xylene
Concen: 6.053 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

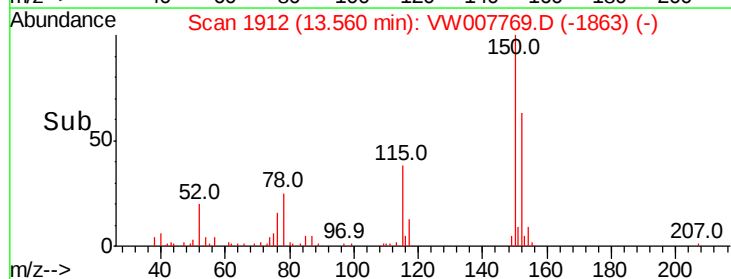
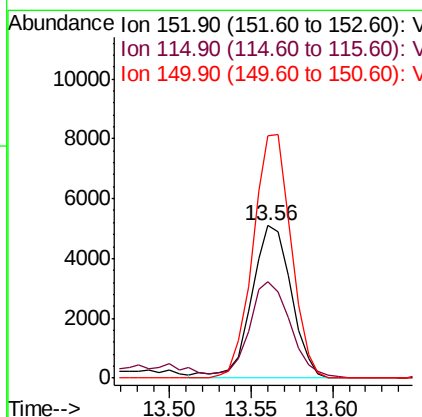
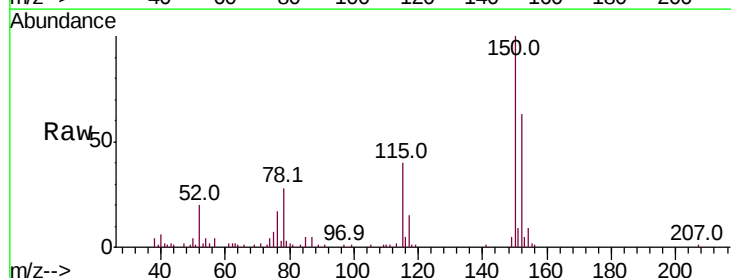
Instrument :
MSVOA_W
ClientSampled :

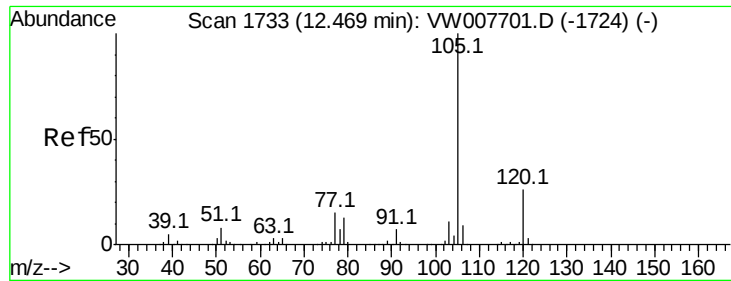
Tot Ion:106 Resp: 1500
Ion Ratio Lower Upper
106 100
91 222.8 110.5 331.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion:152 Resp: 8631
Ion Ratio Lower Upper
152 100
115 65.9 31.8 95.4
150 151.9 0.0 350.8

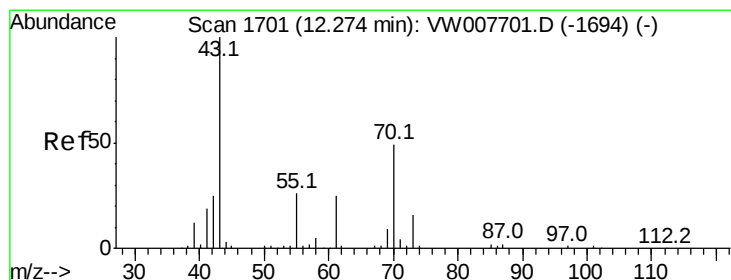
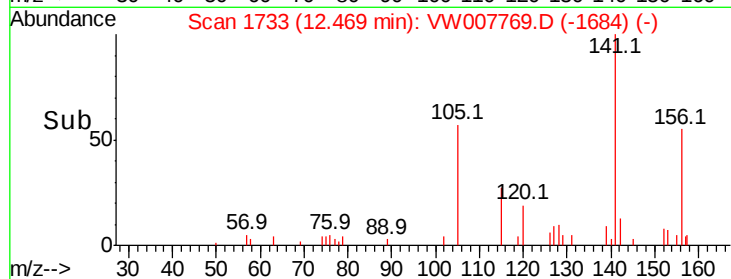
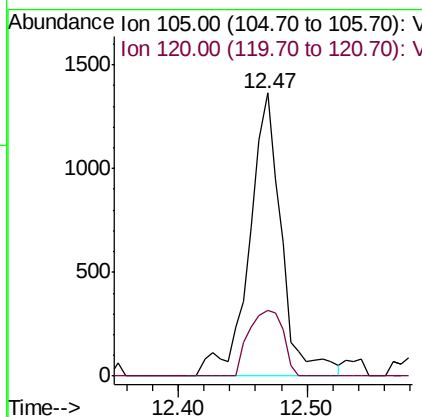
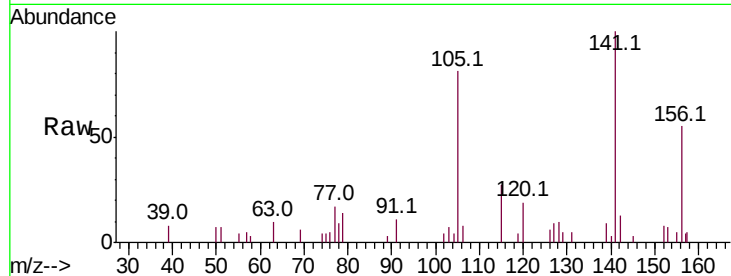




#73
Isopropylbenzene
Concen: 3.576 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

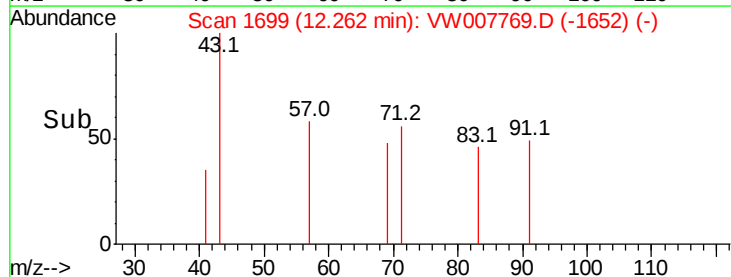
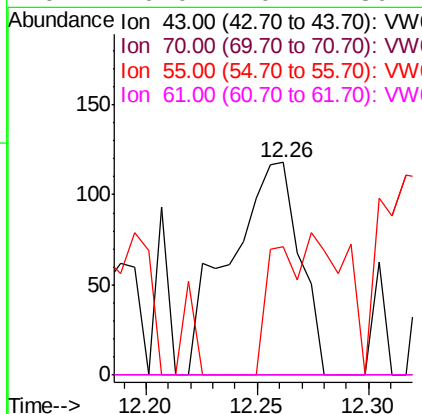
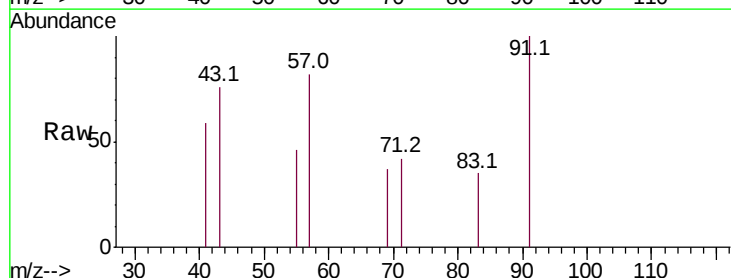
Instrument :
MSVOA_W
ClientSampled :

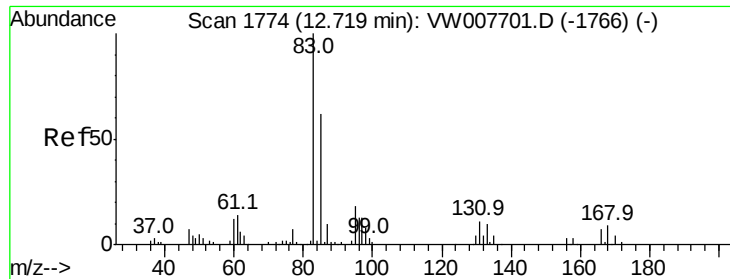
Tot Ion: 105 Resp: 2333
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.3



#74
N-ethyl acetate
Concen: 2.292 ug/l
RT: 12.26 min Scan# 1699
Delta R.T. -0.01 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
70 0.0 37.6 56.4#
55 27.4 21.7 32.5
61 0.0 20.1 30.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.300 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampled :

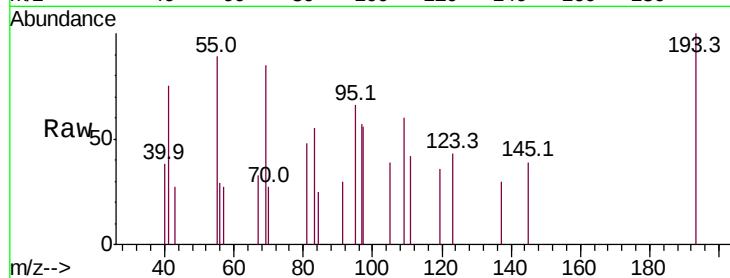
Tot Ion: 83 Resp: 225

Ion Ratio Lower Upper

83 100

131 0.0 6.3 18.8#

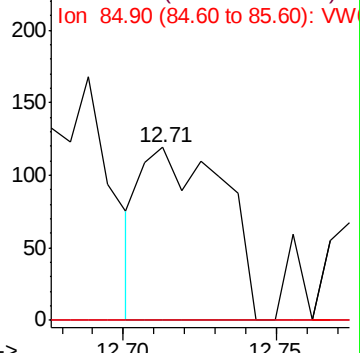
85 0.0 32.3 96.8#



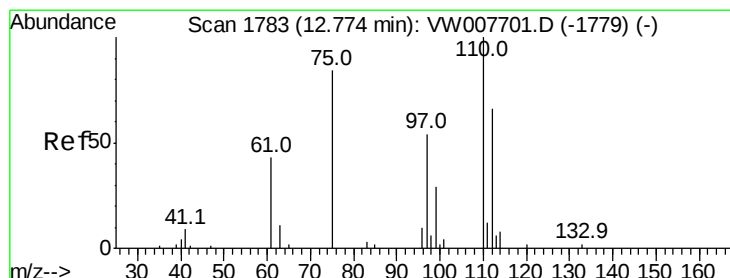
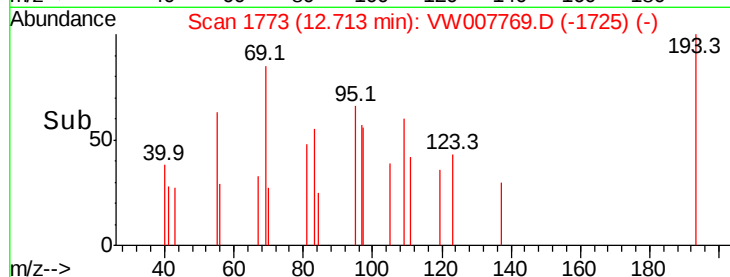
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



Time-->



#76

1,2,3-Trichloropropane

Concen: 3.553 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.12 min

Lab File: VW007769.D

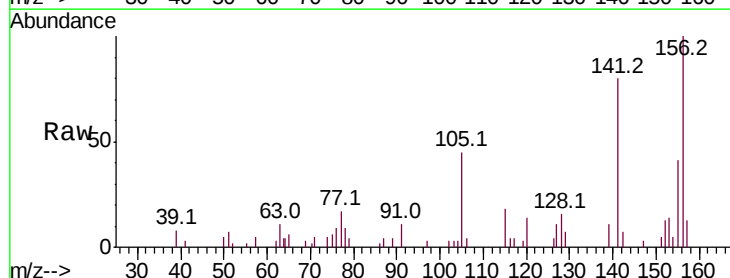
Acq: 21 Dec 2018 00:53

Tgt Ion: 75 Resp: 237

Ion Ratio Lower Upper

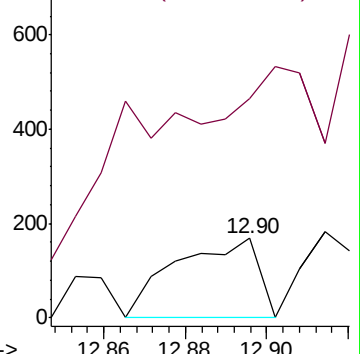
75 100

77 732.5 0.0 0.0#

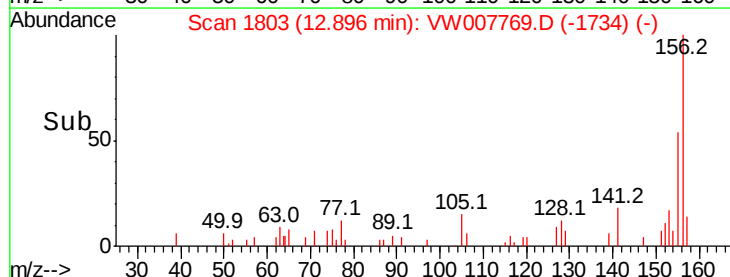


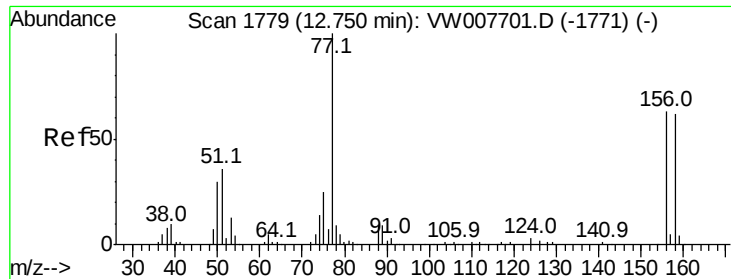
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->





#77

Bromobenzene

Concen: 169.681 ug/l

RT: 12.93 min Scan# 1809

Delta R.T. 0.18 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

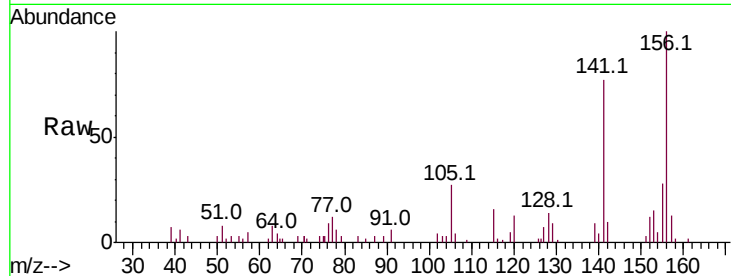
Tot Ion:156 Resp: 25370

Ion Ratio Lower Upper

156 100

77 0.0 87.4 262.1#

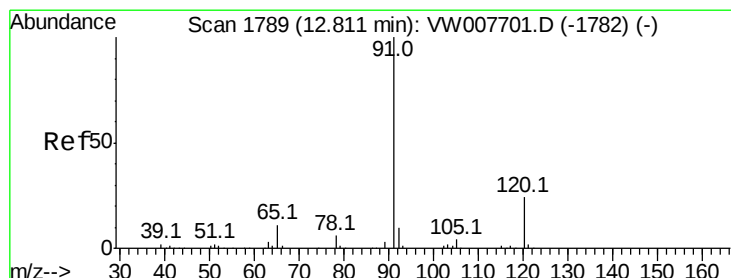
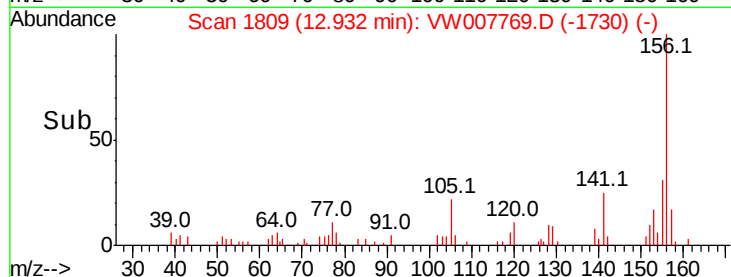
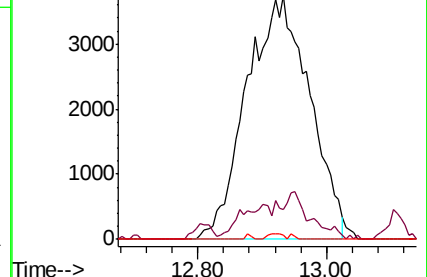
158 0.5 48.4 145.0#



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: 7.882 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007769.D

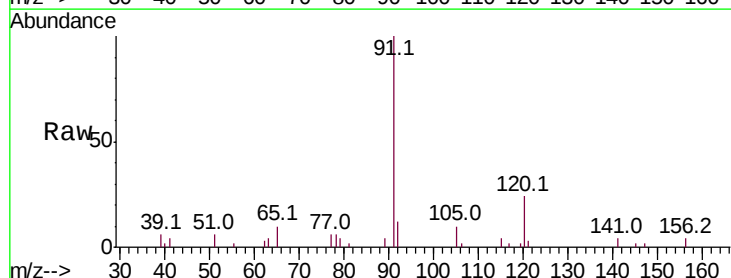
Acq: 21 Dec 2018 00:53

Tgt Ion: 91 Resp: 5986

Ion Ratio Lower Upper

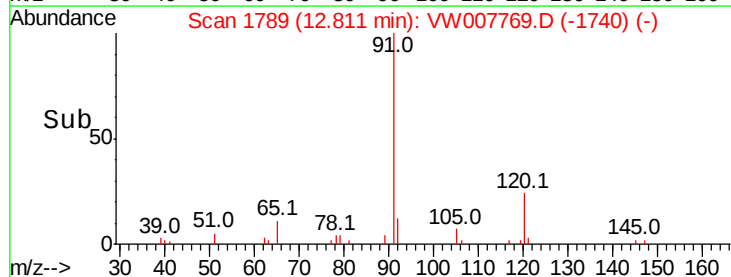
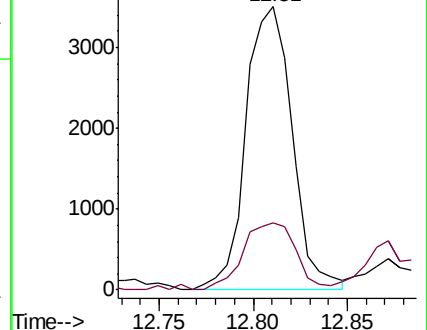
91 100

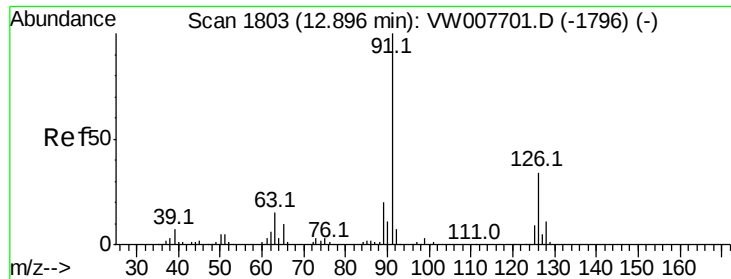
120 26.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

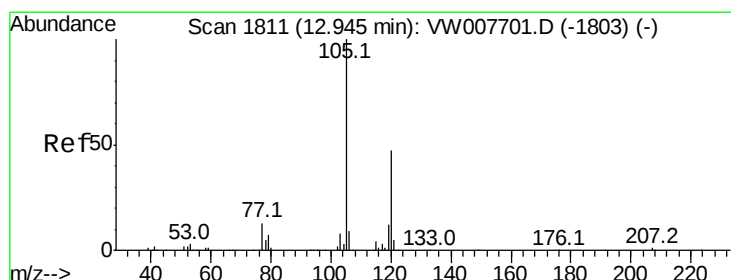
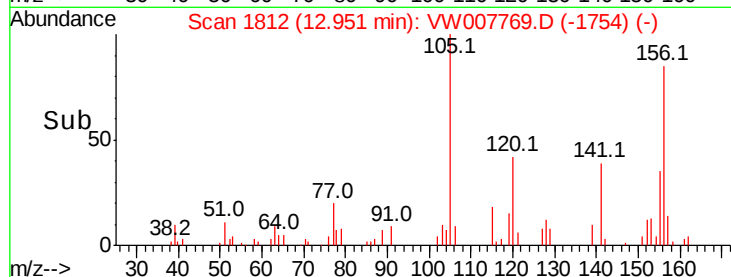
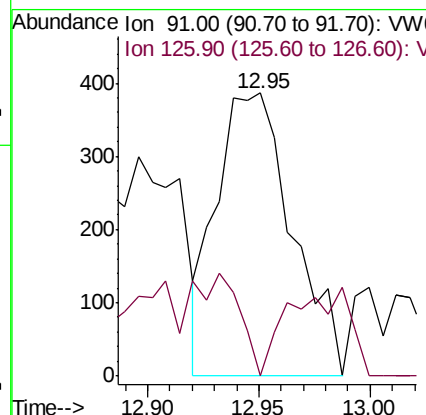
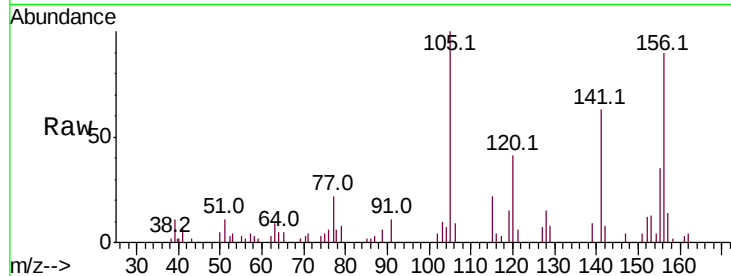




#79
2-Chlorotoluene
Concen: 2.068 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.05 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

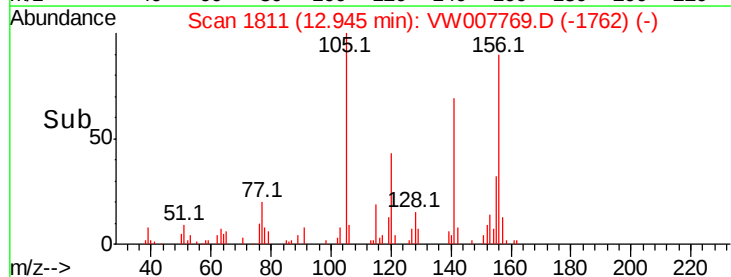
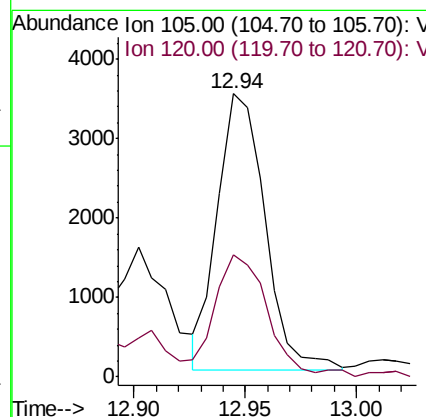
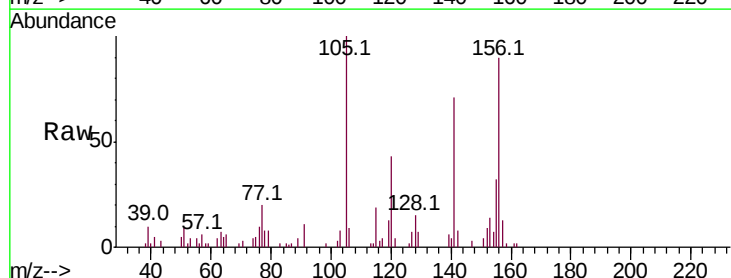
Instrument :
MSVOA_W
ClientSampled :

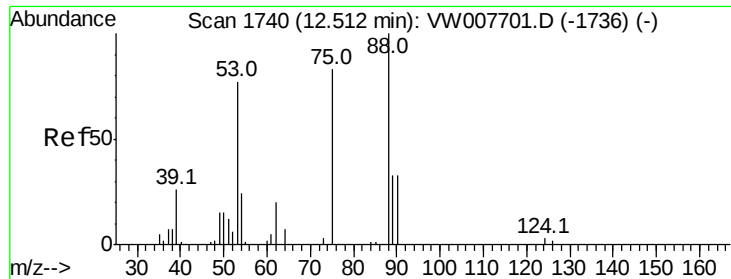
Tot Ion: 91 Resp: 915
Ion Ratio Lower Upper
91 100
126 21.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 9.187 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion:105 Resp: 5170
Ion Ratio Lower Upper
105 100
120 50.2 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 3.839 ug/l

RT: 12.43 min Scan# 1727

Delta R.T. -0.08 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampled :

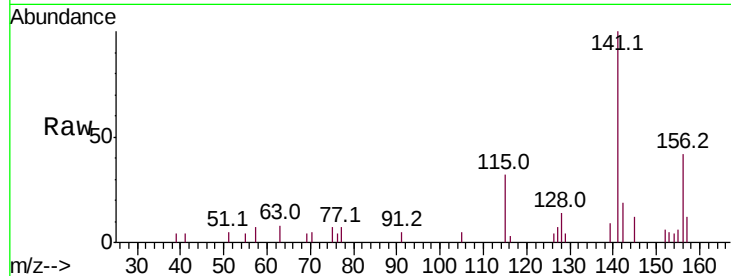
Tot Ion: 75 Resp: 122

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

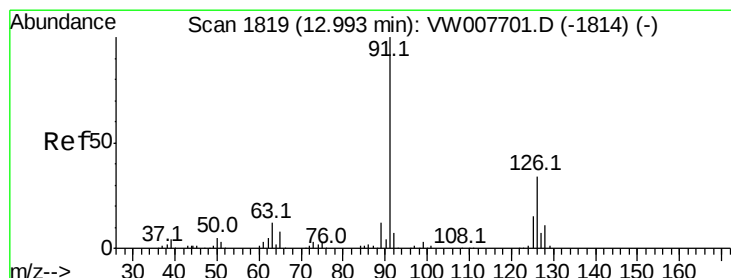
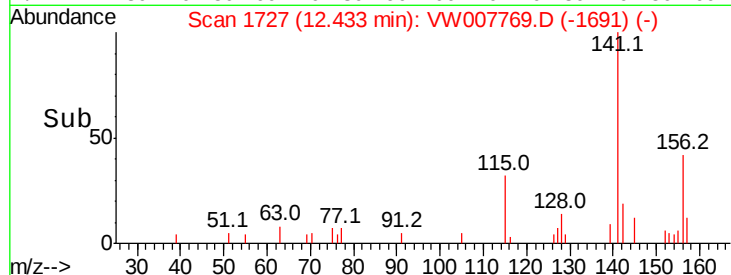
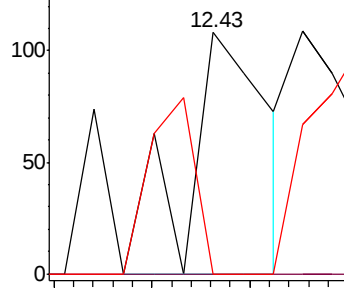
89 42.6 39.2 58.8



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: 1.942 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW007769.D

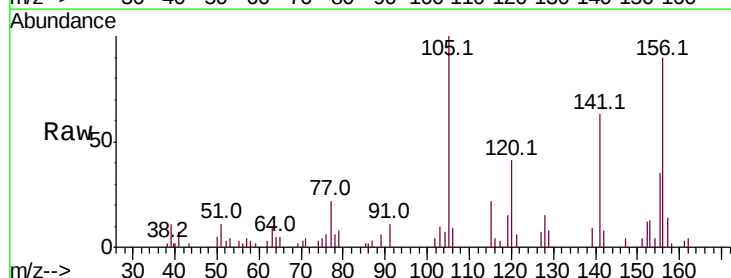
Acq: 21 Dec 2018 00:53

Tgt Ion: 91 Resp: 915

Ion Ratio Lower Upper

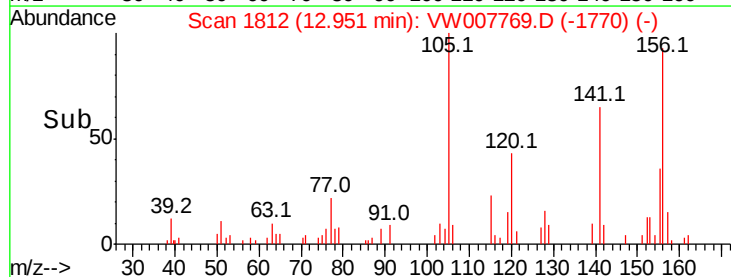
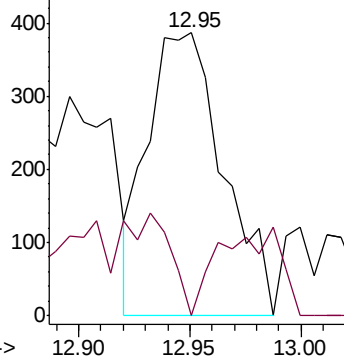
91 100

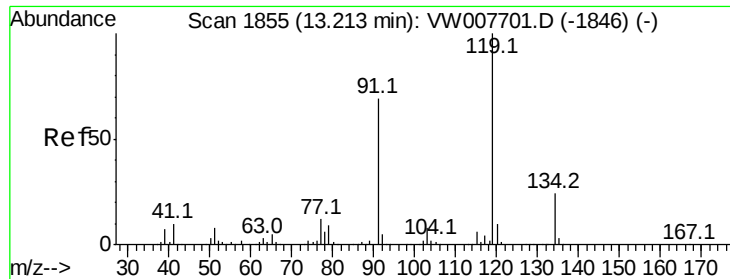
126 21.9 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

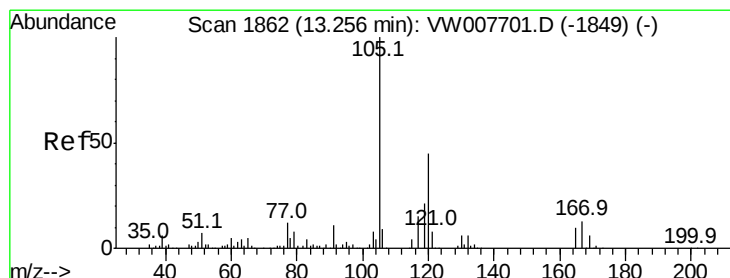
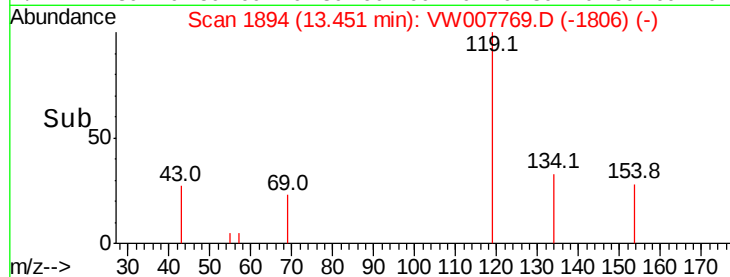
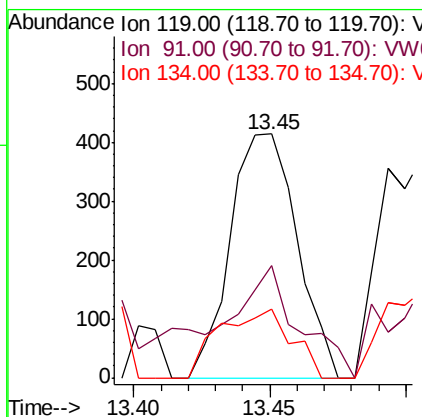
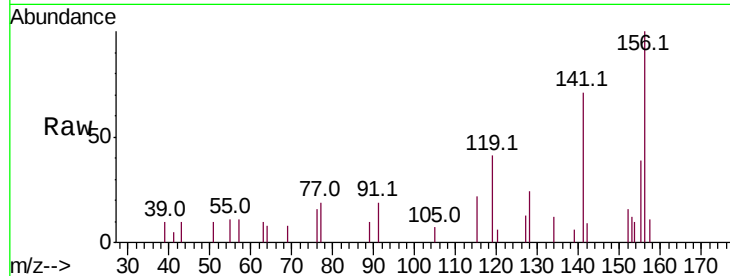




#83
 tert-Butylbenzene
 Concen: 1.428 ug/l
 RT: 13.45 min Scan# 1894
 Delta R.T. 0.24 min
 Lab File: VW007769.D
 Acq: 21 Dec 2018 00:53

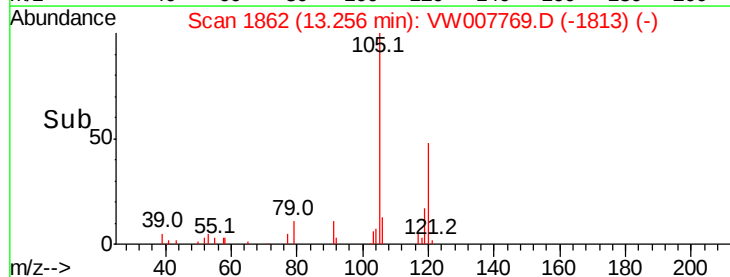
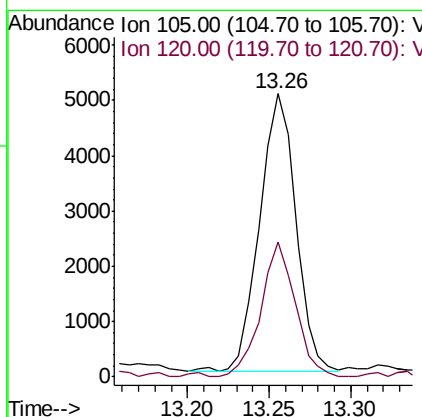
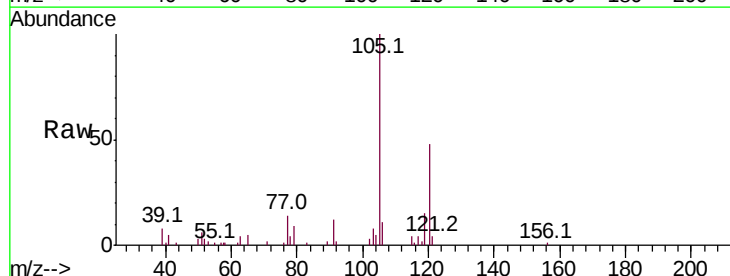
Instrument :
 MSVOA_W
 ClientSampled :

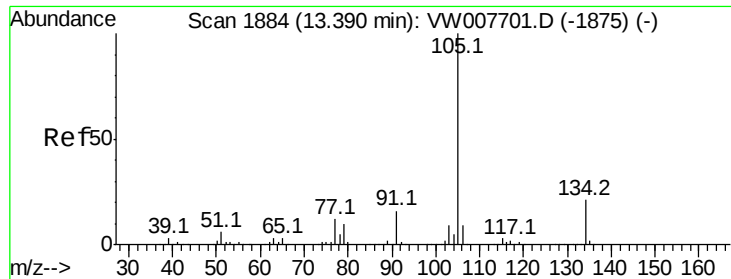
Tot Ion:119 Resp: 705
 Ion Ratio Lower Upper
 119 100
 91 55.3 34.2 102.5
 134 30.4 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 13.690 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007769.D
 Acq: 21 Dec 2018 00:53

Tgt Ion:105 Resp: 7774
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.0 66.0

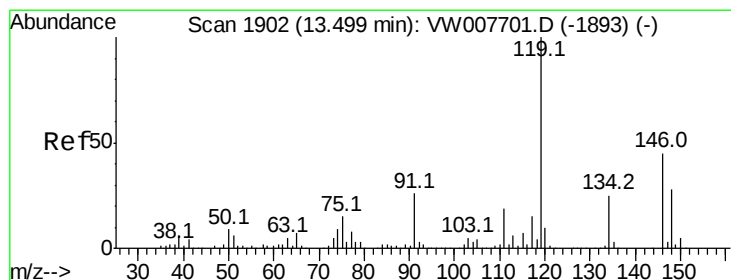
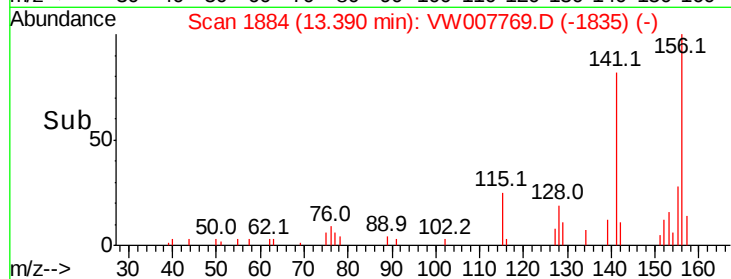
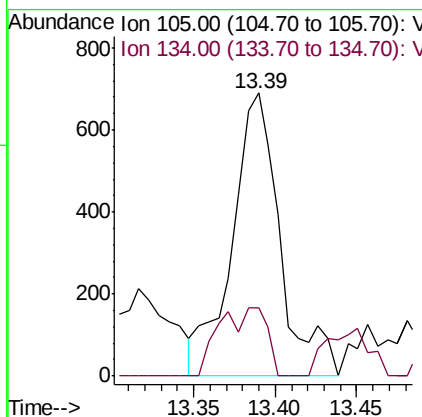
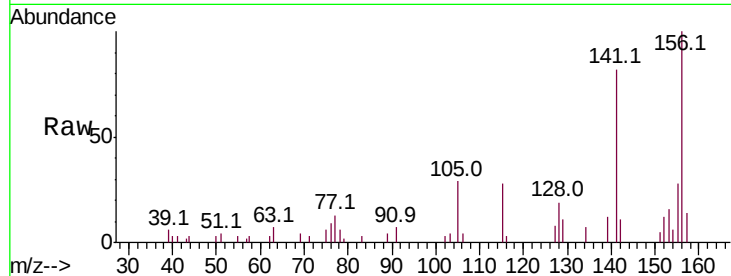




#85
 sec-Butylbenzene
 Concen: 2.084 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007769.D
 Acq: 21 Dec 2018 00:53

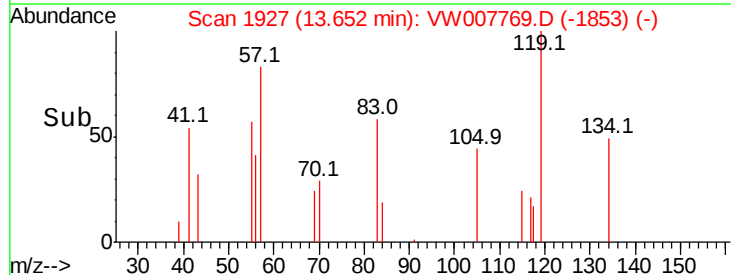
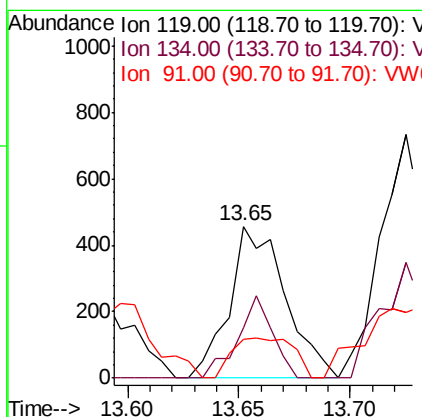
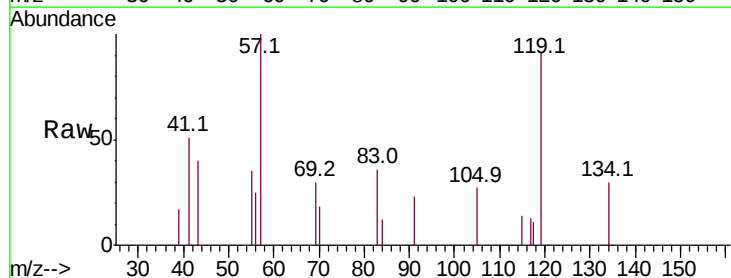
Instrument :
 MSVOA_W
 ClientSampled :

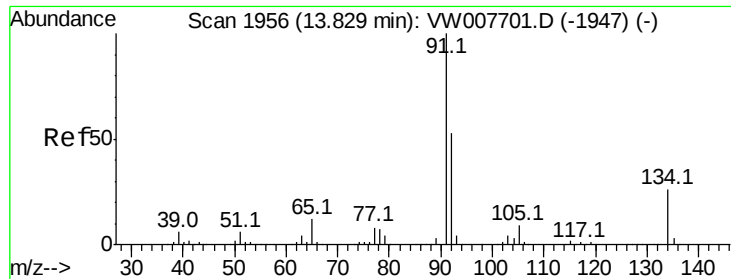
Tot Ion:105 Resp: 1418
 Ion Ratio Lower Upper
 105 100
 134 12.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 1.298 ug/l
 RT: 13.65 min Scan# 1927
 Delta R.T. 0.15 min
 Lab File: VW007769.D
 Acq: 21 Dec 2018 00:53

Tgt Ion:119 Resp: 803
 Ion Ratio Lower Upper
 119 100
 134 33.3 13.0 39.0
 91 28.5 12.8 38.4





#89

n-Butylbenzene

Concen: 1.059 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

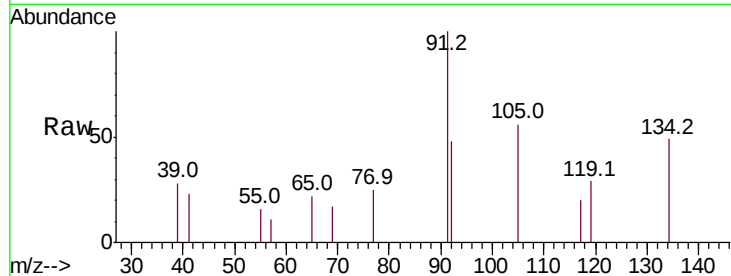
Tot Ion: 91 Resp: 601

Ion Ratio Lower Upper

91 100

92 69.1 26.4 79.2

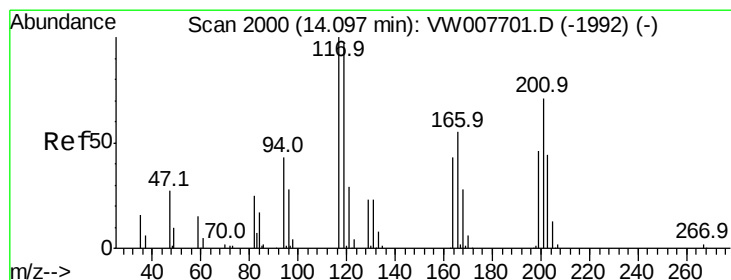
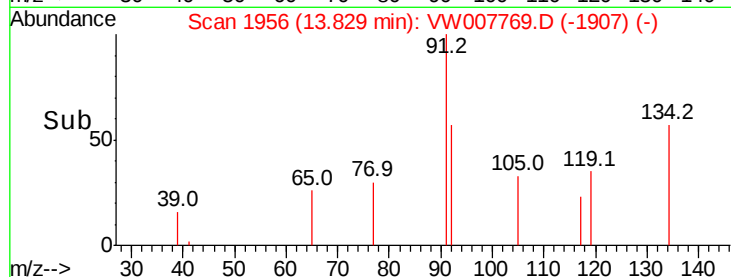
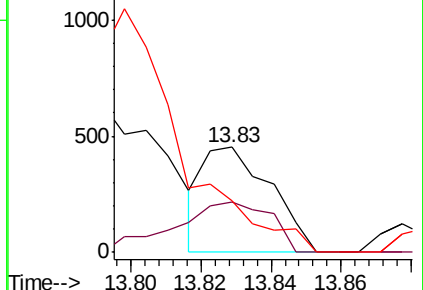
134 0.0 13.7 41.0#



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: 6.352 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007769.D

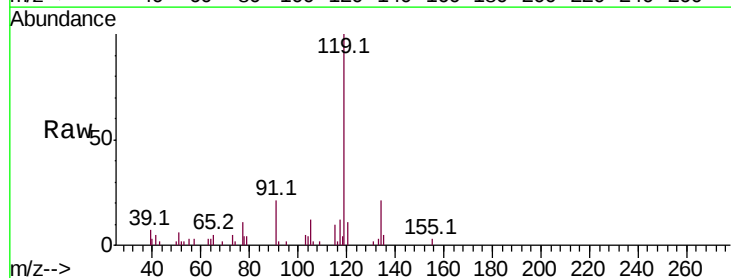
Acq: 21 Dec 2018 00:53

Tgt Ion: 117 Resp: 690

Ion Ratio Lower Upper

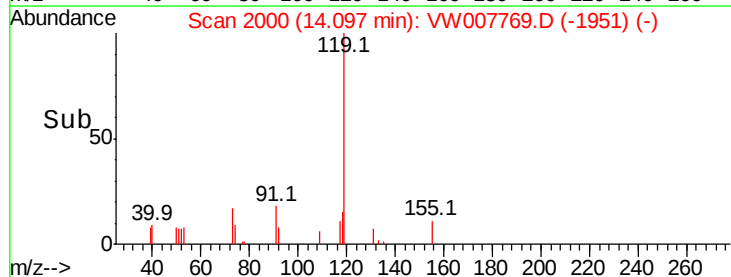
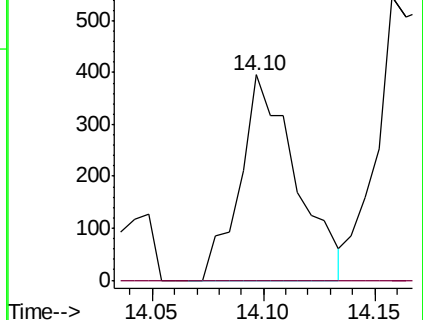
117 100

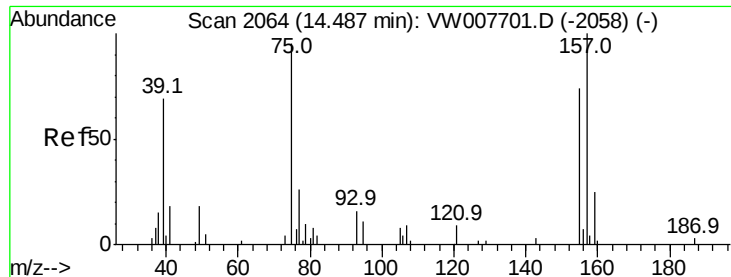
201 0.0 36.2 108.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.589 ug/l

RT: 14.32 min Scan# 2037

Delta R.T. -0.16 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

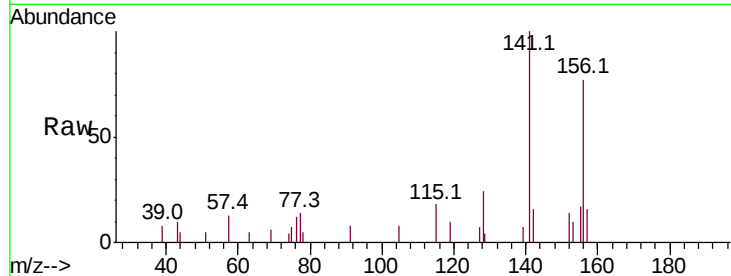
Tot Ion: 75 Resp: 52

Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.1#

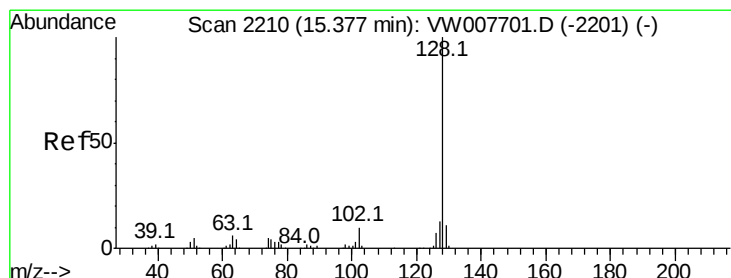
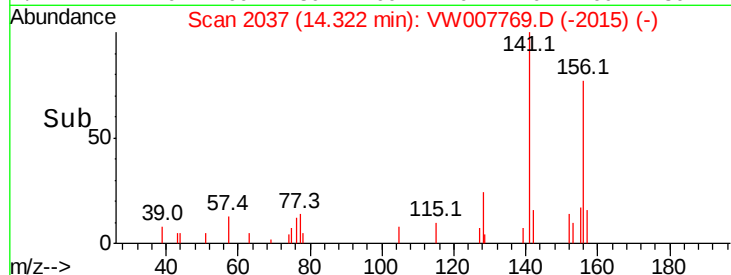
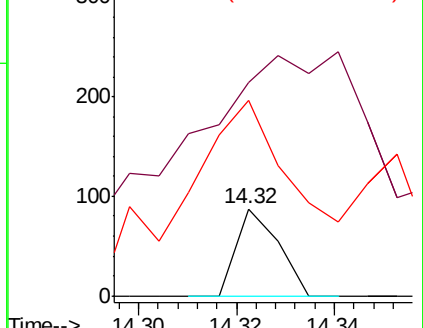
157 636.5 52.0 156.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 15.863 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007769.D

Acq: 21 Dec 2018 00:53

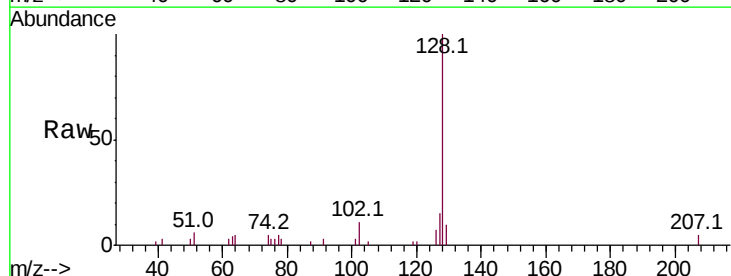
Tgt Ion: 128 Resp: 5411

Ion Ratio Lower Upper

128 100

127 12.0 10.7 16.1

129 9.0 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

