

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007010.D
 Acq On : 21 Nov 2018 19:40
 Operator : VAY/AP
 Sample : J60006-01
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 04:39:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	71785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	137310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	128235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55470	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	44579	63.43	ug/l	0.00
Spiked Amount			Recovery	=	126.86%	
35) Dibromofluoromethane	7.88	113	37221	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	10.32	98	142230	41.54	ug/l	0.00
Spiked Amount			Recovery	=	83.08%	
62) 4-Bromofluorobenzene	12.62	95	55198	40.96	ug/l	0.00
Spiked Amount			Recovery	=	81.92%	

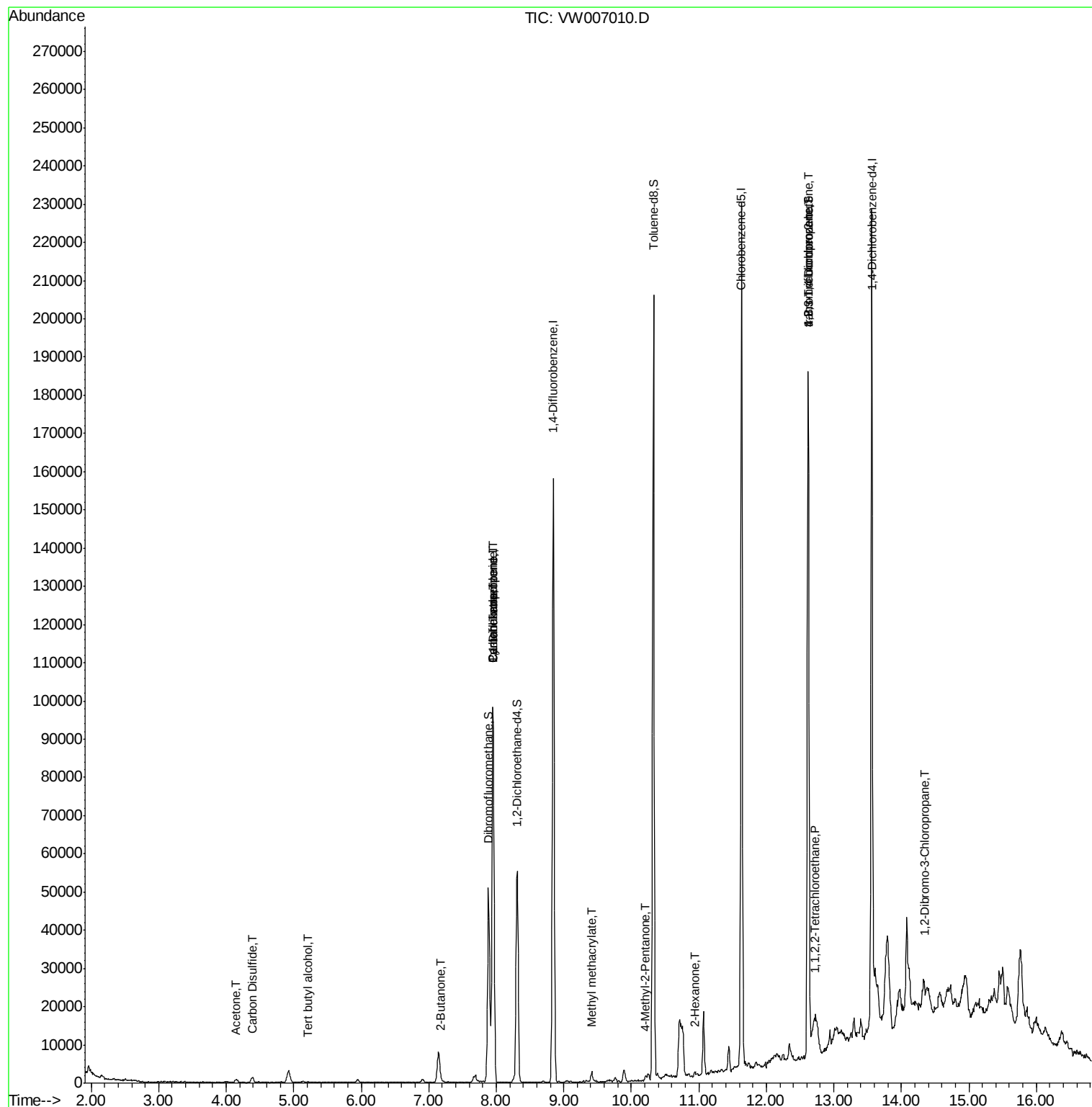
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	158	3.453	ug/l #	71
16) Acetone	4.15	43	1528	14.975	ug/l	93
17) Carbon Disulfide	4.39	76	2896	1.379	ug/l	98
20) Methylene Chloride	4.92	84	2685	Below Cal		91
25) 2-Butanone	7.18	43	642	3.674	ug/l	91
31) Cyclohexane	7.95	56	1479	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5640	4.203	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7595	5.911	ug/l #	16
48) Methyl methacrylate	9.41	41	1298	2.905	ug/l #	36
51) 4-Methyl-2-Pentanone	10.21	43	1063	2.270	ug/l #	86
59) 2-Hexanone	10.94	43	1407	4.388	ug/l #	24
75) 1,1,2,2-Tetrachloroethane	12.71	83	2726	4.751	ug/l #	33
76) 1,2,3-Trichloropropane	12.62	75	26863	61.630	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	26863	154.727	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.34	75	120	1.238	ug/l #	58

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112218\
Data File : VW007010.D
Acq On : 21 Nov 2018 19:40
Operator : VAY/AP
Sample : J60006-01
Misc : 5.05G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 22 04:39:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007010.D

Acq: 21 Nov 2018 19:40

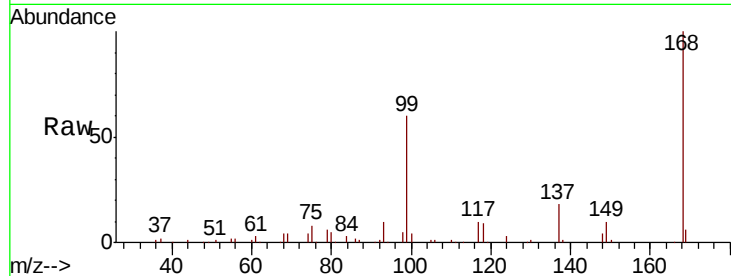
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 71785

Ion Ratio Lower Upper

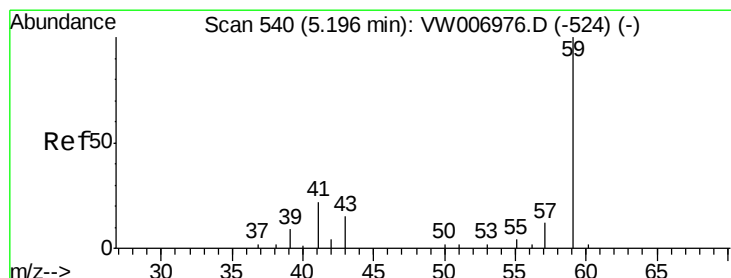
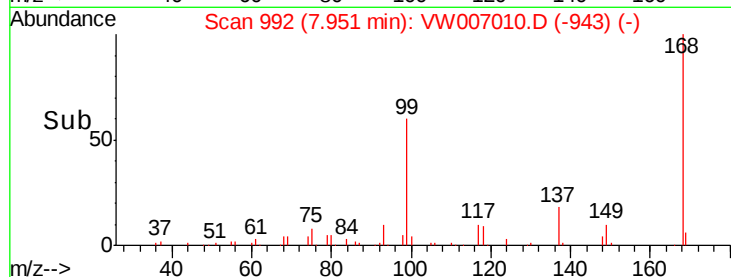
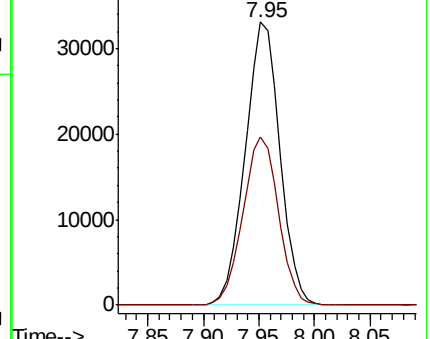
168 100

99 59.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 3.453 ug/l

RT: 5.21 min Scan# 543

Delta R.T. 0.02 min

Lab File: VW007010.D

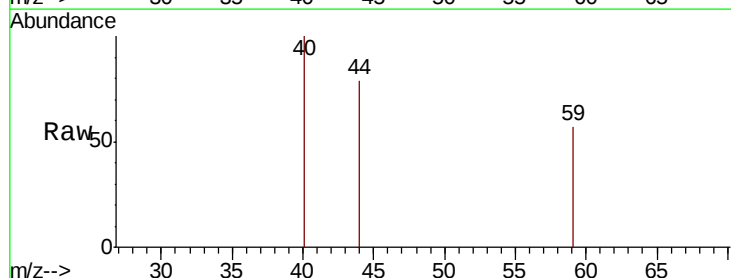
Acq: 21 Nov 2018 19:40

Tgt Ion: 59 Resp: 158

Ion Ratio Lower Upper

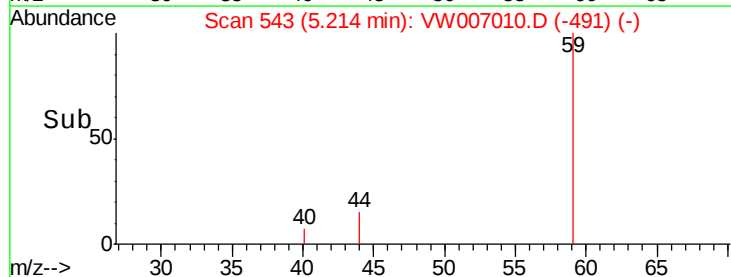
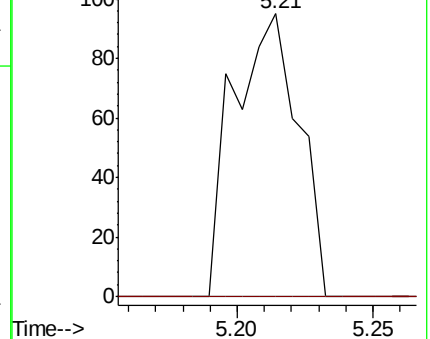
59 100

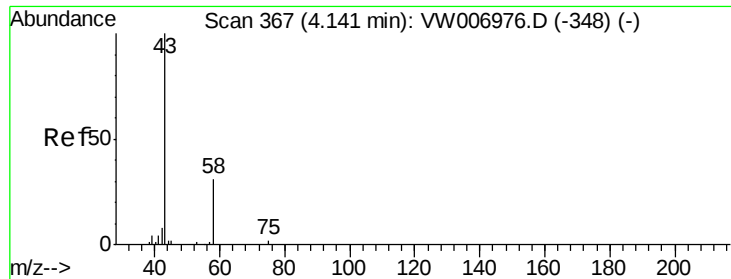
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 14.975 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007010.D

Acq: 21 Nov 2018 19:40

Instrument :

MSVOA_W

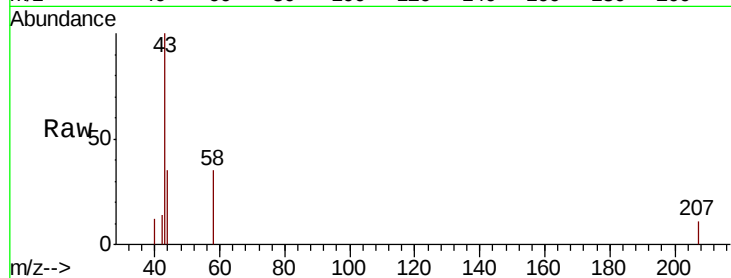
ClientSampled :

Tot Ion: 43 Resp: 1528

Ion Ratio Lower Upper

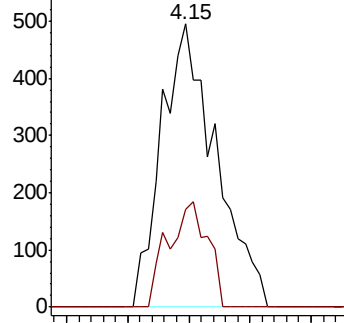
43 100

58 34.7 24.8 37.2

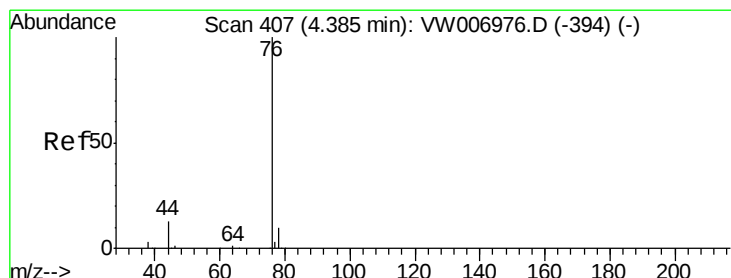
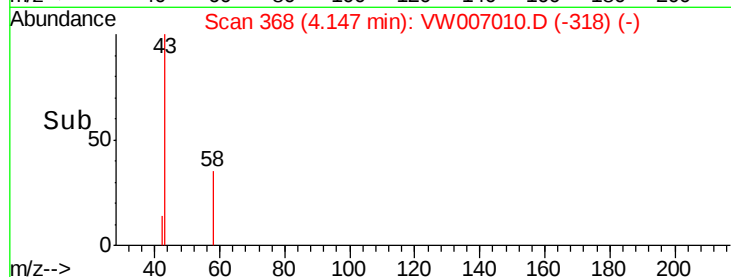


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time--> 4.05 4.10 4.15 4.20 4.25



#17

Carbon Disulfide

Concen: 1.379 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW007010.D

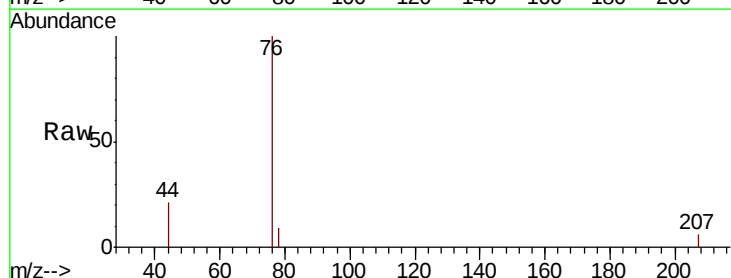
Acq: 21 Nov 2018 19:40

Tgt Ion: 76 Resp: 2896

Ion Ratio Lower Upper

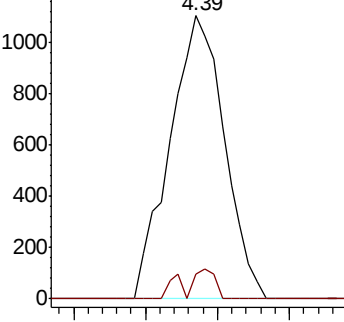
76 100

78 8.9 7.8 11.6

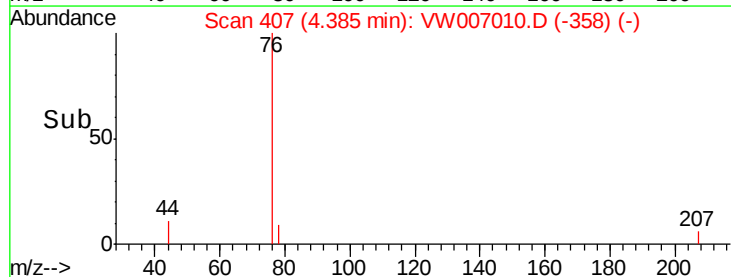


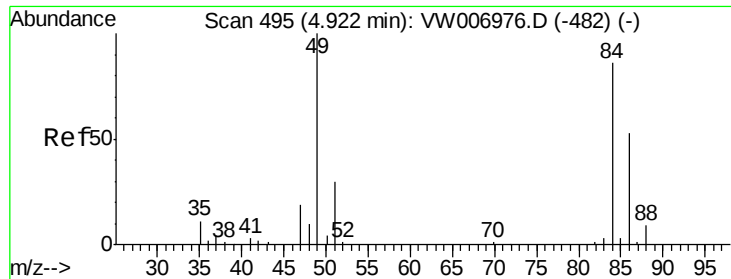
Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time--> 4.30 4.35 4.40 4.45

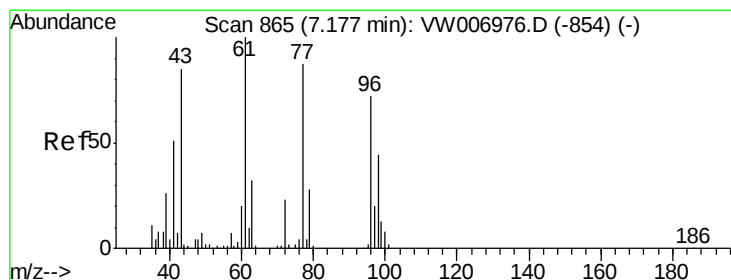
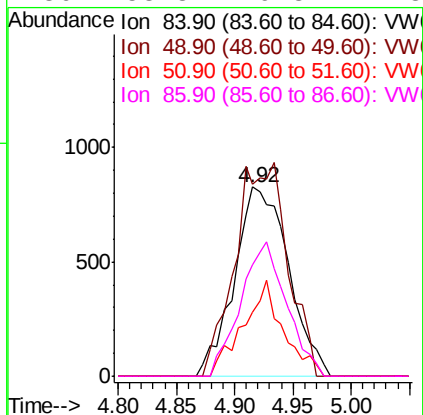
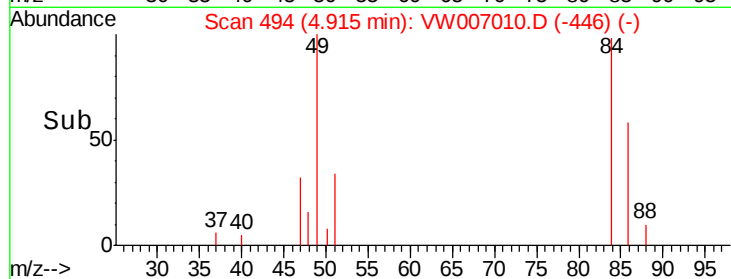
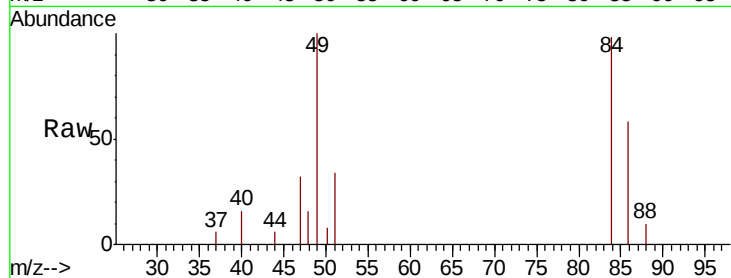




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007010.D
Acq: 21 Nov 2018 19:40

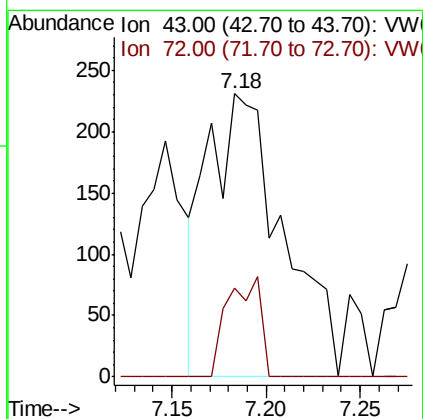
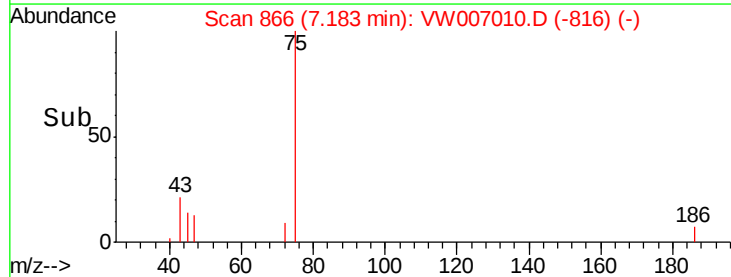
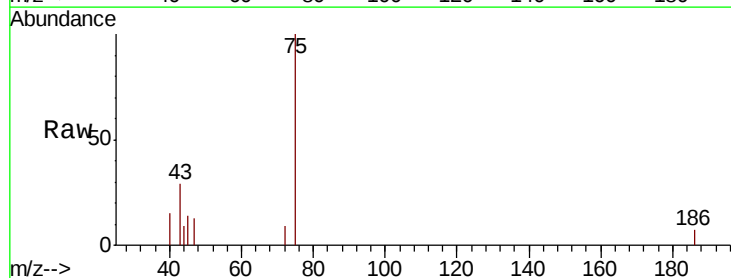
Instrument :
MSVOA_W
ClientSampled :

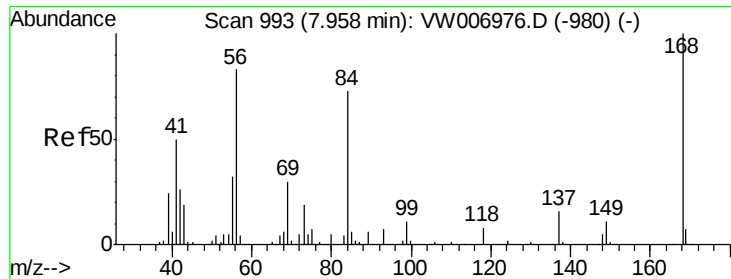
Tot Ion: 84 Resp: 2685
Ion Ratio Lower Upper
84 100
49 101.6 93.4 140.0
51 34.1 28.4 42.6
86 58.8 49.8 74.8



#25
2-Butanone
Concen: 3.674 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW007010.D
Acq: 21 Nov 2018 19:40

Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
72 31.2 21.3 31.9

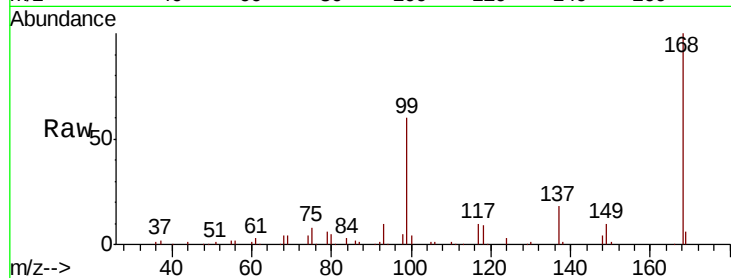




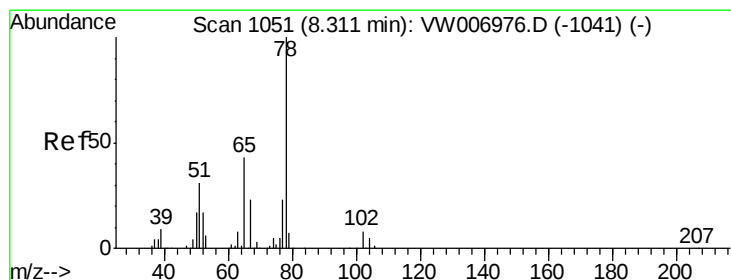
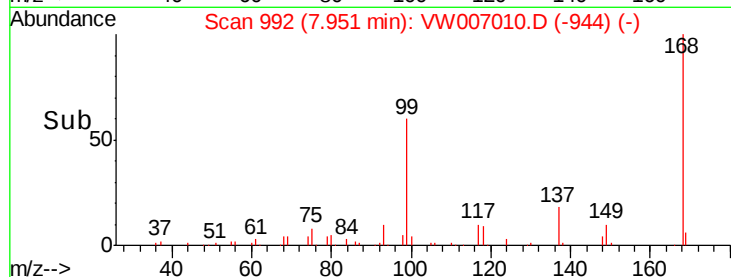
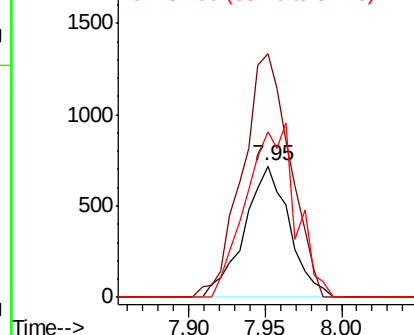
#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007010.D
Acq: 21 Nov 2018 19:40

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 1479
Ion Ratio Lower Upper
56 100
69 185.7 29.1 43.7#
84 125.9 70.6 105.8#

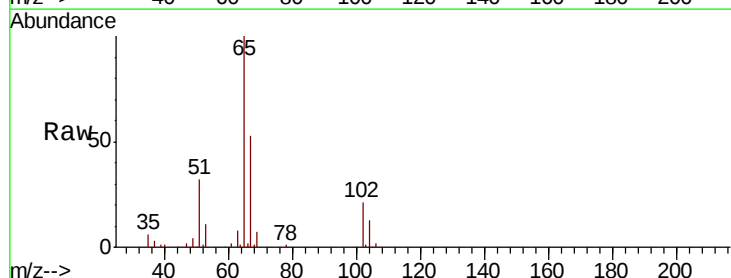


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

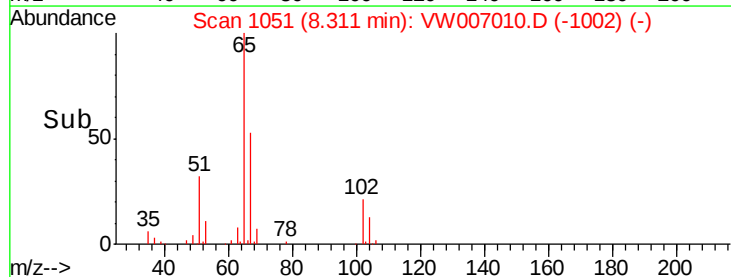
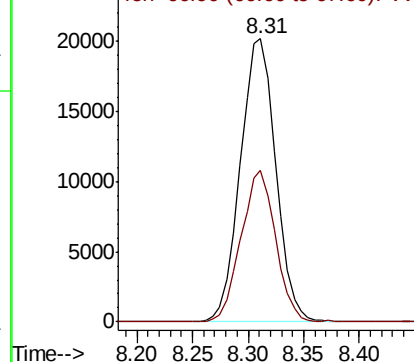


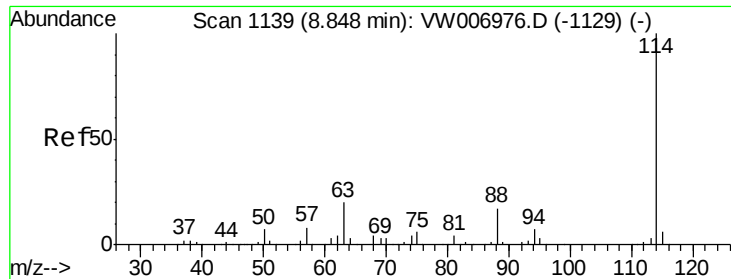
#33
1,2-Dichloroethane-d4
Concen: 63.431 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007010.D
Acq: 21 Nov 2018 19:40

Tgt Ion: 65 Resp: 44579
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.2



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

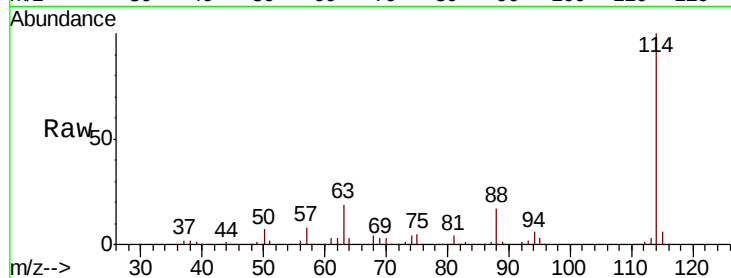




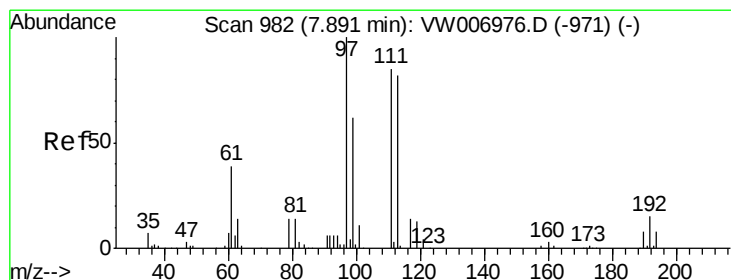
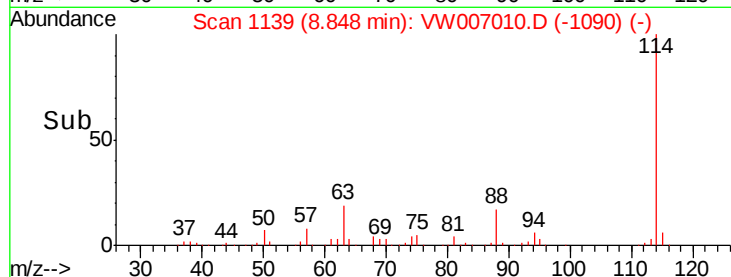
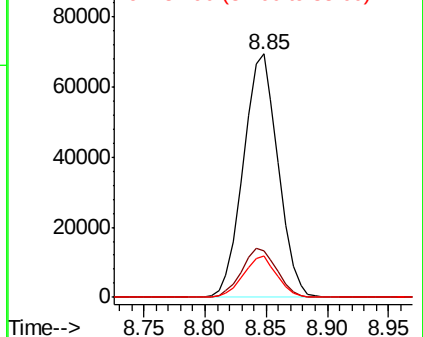
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007010.D
 Acq: 21 Nov 2018 19:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 137310
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.4
 88 17.1 0.0 34.2

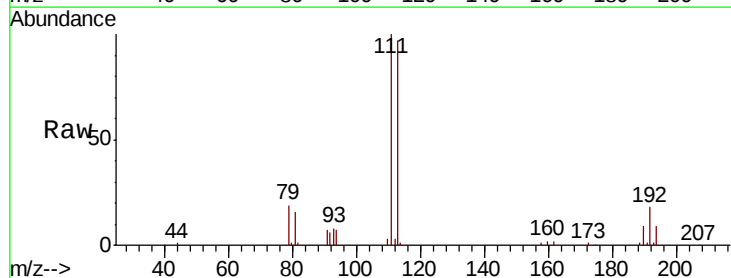


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

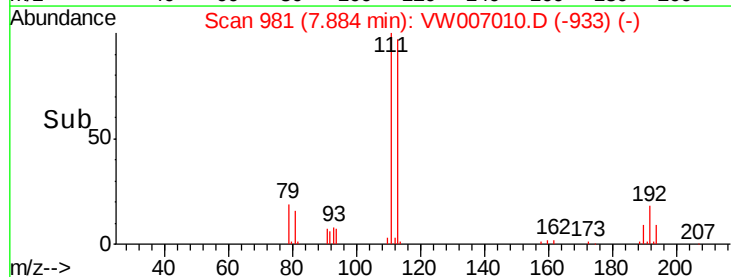
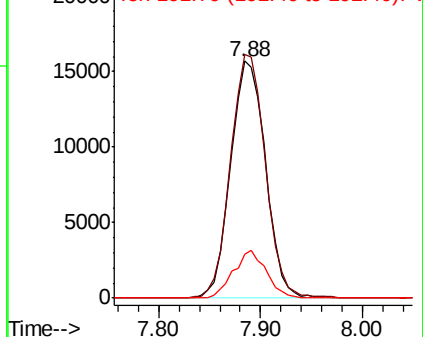


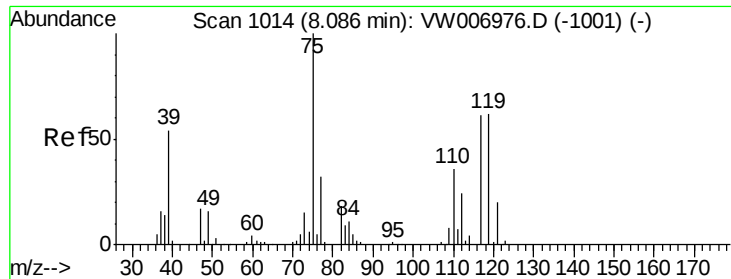
#35
 Dibromofluoromethane
 Concen: 48.001 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007010.D
 Acq: 21 Nov 2018 19:40

Tgt Ion:113 Resp: 37221
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.0 121.6
 192 18.8 15.0 22.6



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

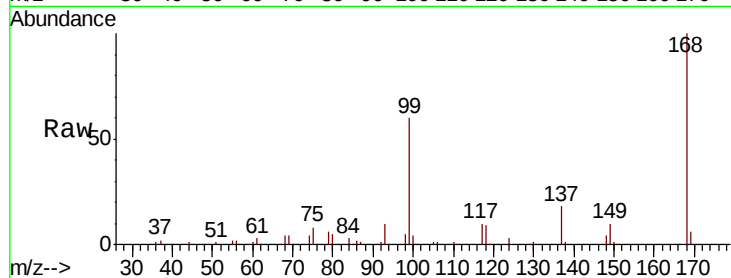




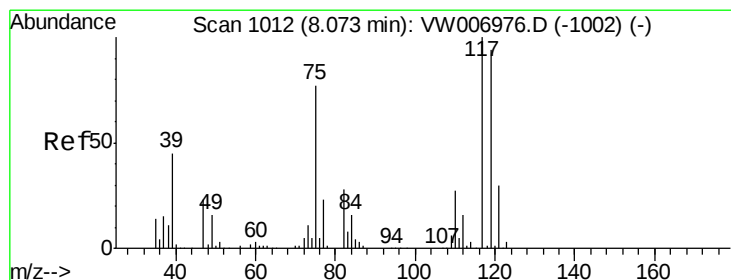
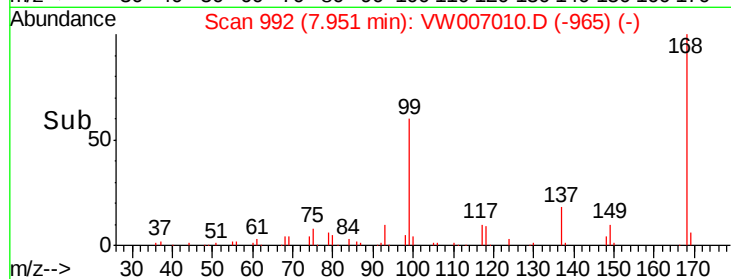
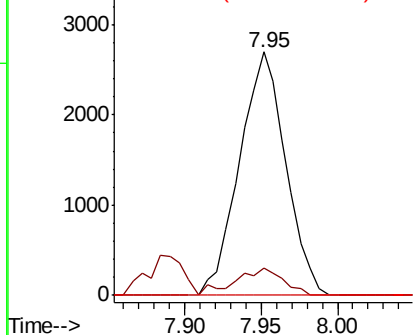
#36
 1,1-Dichloropropene
 Concen: 4.203 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007010.D
 Acq: 21 Nov 2018 19:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 5640
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.0 54.0#
 77 0.0 24.9 37.3#

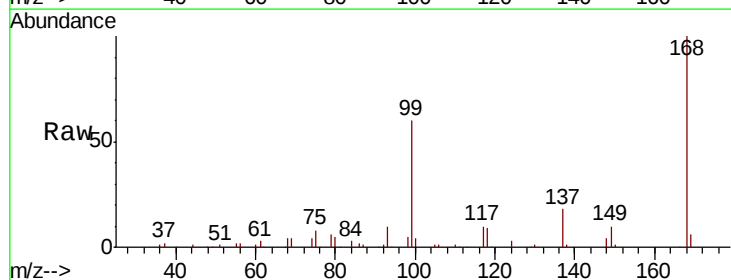


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

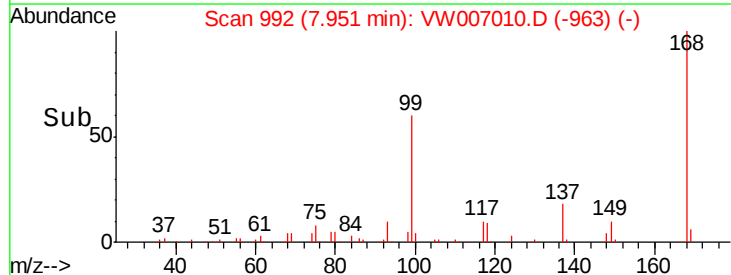
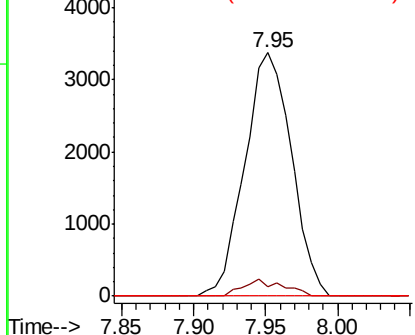


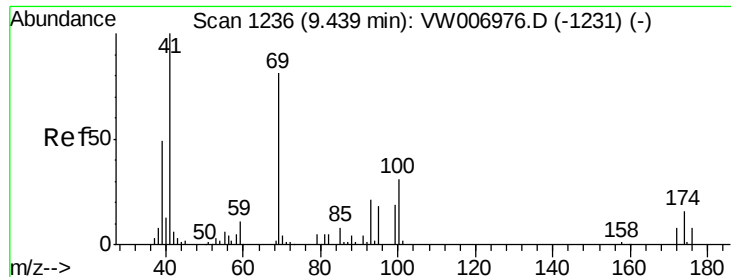
#38
 Carbon Tetrachloride
 Concen: 5.911 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007010.D
 Acq: 21 Nov 2018 19:40

Tgt Ion: 117 Resp: 7595
 Ion Ratio Lower Upper
 117 100
 119 3.9 74.9 112.3#
 121 0.0 23.6 35.4#



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

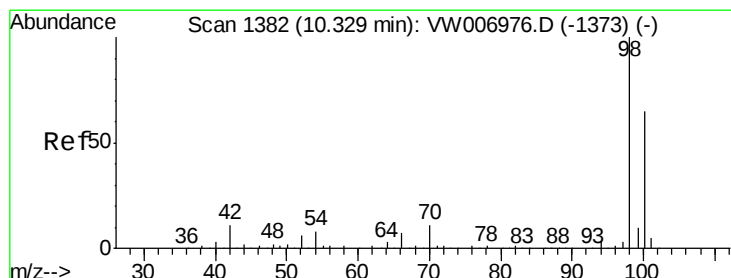
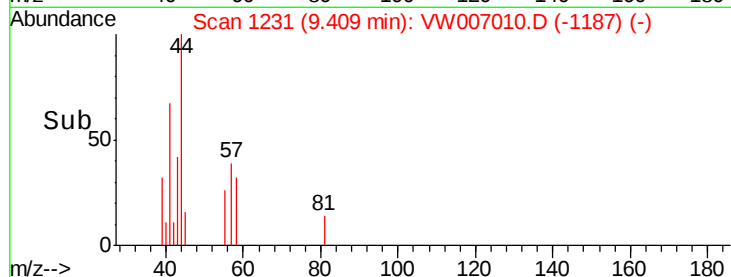
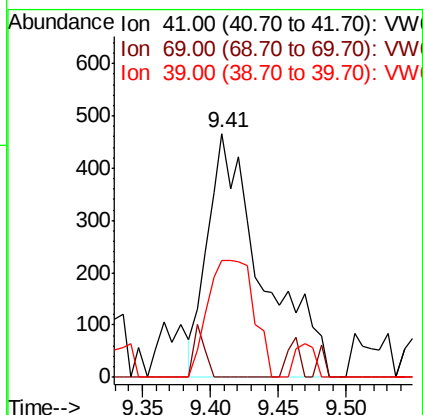
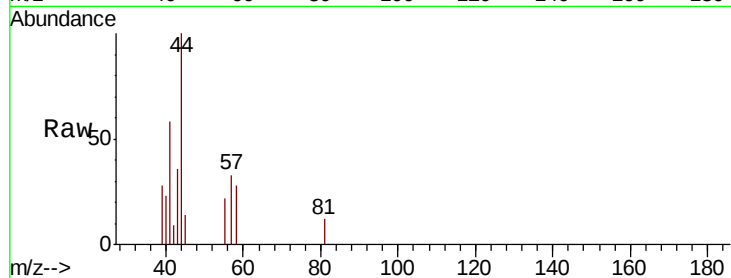




#48
Methvl methacrilate
Concen: 2.905 ug/l
RT: 9.41 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VW007010.D
Acq: 21 Nov 2018 19:40

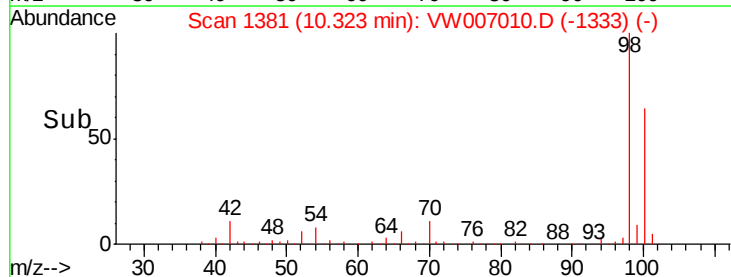
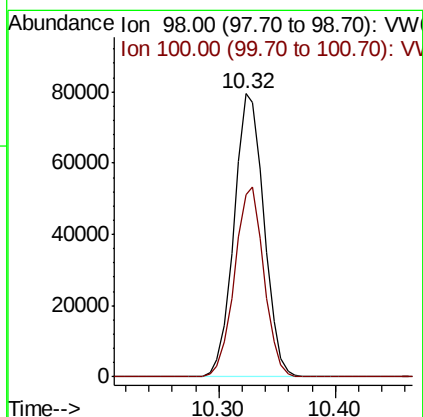
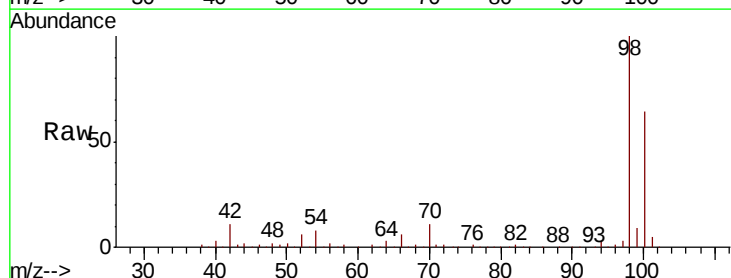
Instrument :
MSVOA_W
ClientSampled :

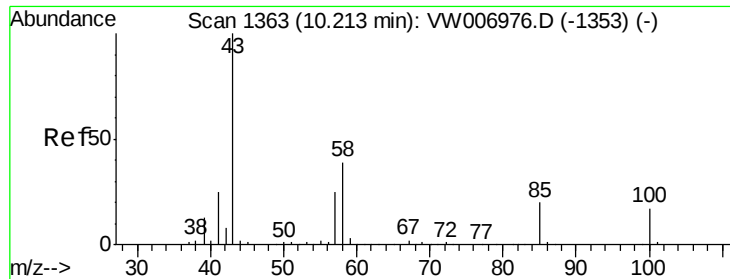
Tot Ion: 41 Resp: 1298
Ion Ratio Lower Upper
41 100
69 4.4 71.4 107.0#
39 40.5 44.8 67.2#



#50
Toluene-d8
Concen: 41.537 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007010.D
Acq: 21 Nov 2018 19:40

Tgt Ion: 98 Resp: 142230
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2

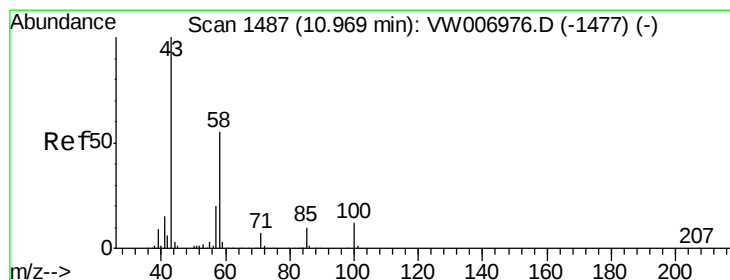
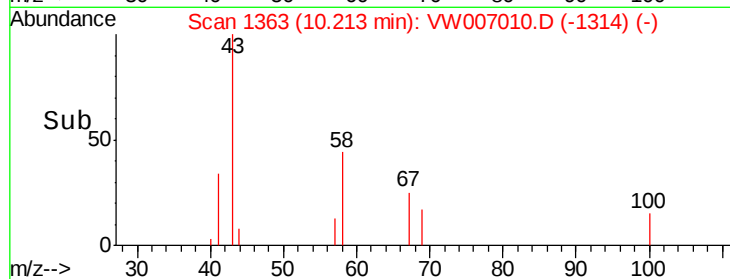
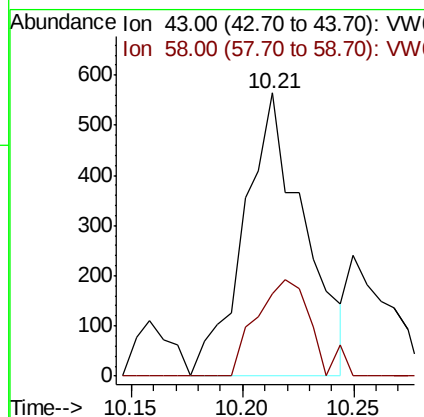
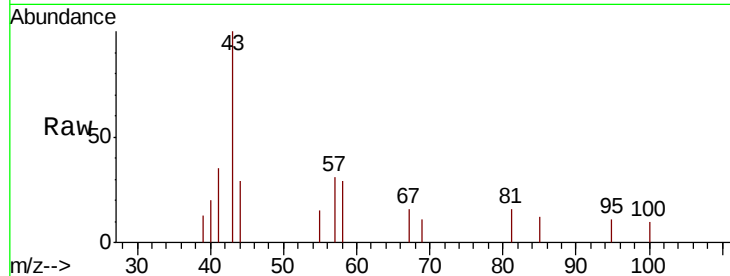




#51
4-Methyl-2-Pentanone
Concen: 2.270 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007010.D
Acq: 21 Nov 2018 19:40

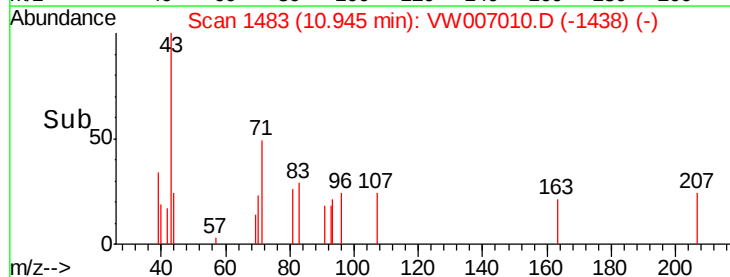
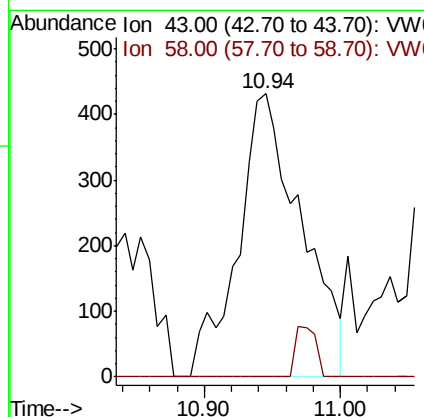
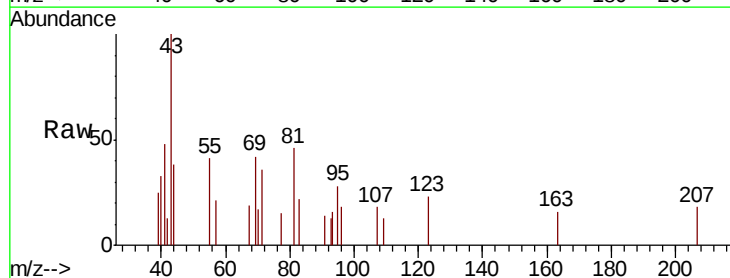
Instrument :
MSVOA_W
ClientSampled :

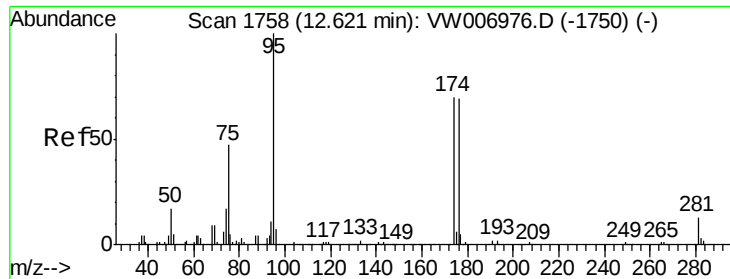
Tot Ion: 43 Resp: 1063
Ion Ratio Lower Upper
43 100
58 31.1 31.8 47.6#



#59
2-Hexanone
Concen: 4.388 ug/l
RT: 10.94 min Scan# 1483
Delta R.T. -0.02 min
Lab File: VW007010.D
Acq: 21 Nov 2018 19:40

Tgt Ion: 43 Resp: 1407
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.8#

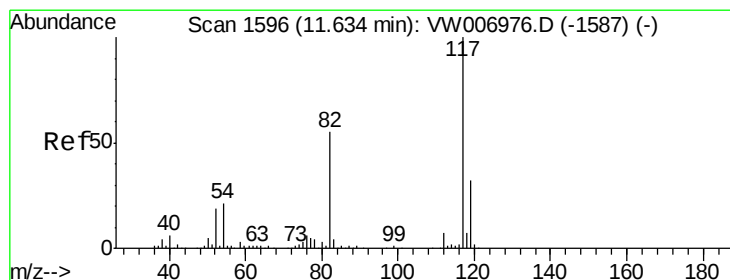
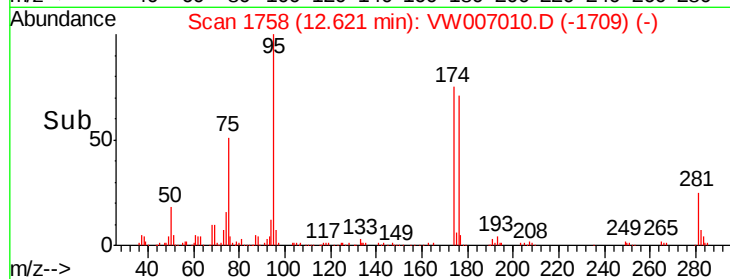
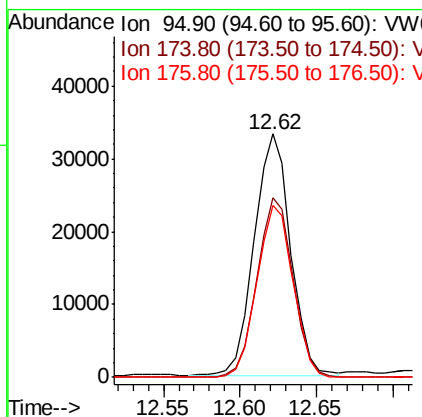
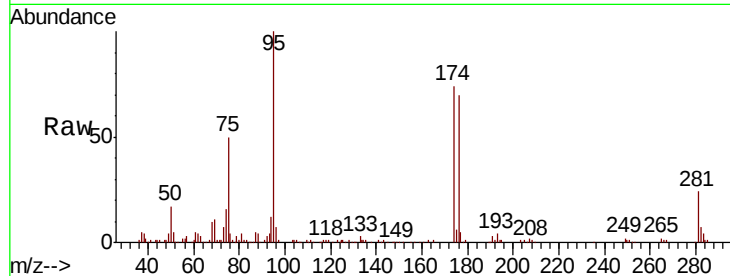




#62
4-Bromofluorobenzene
Concen: 40.964 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007010.D
Acq: 21 Nov 2018 19:40

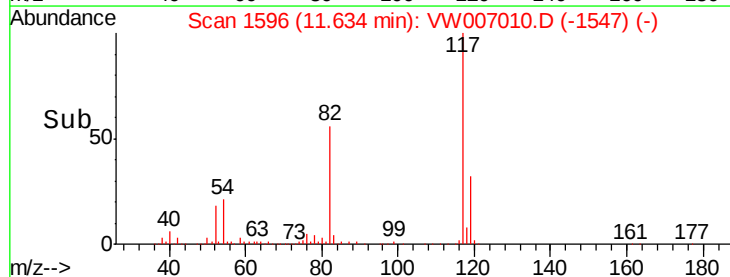
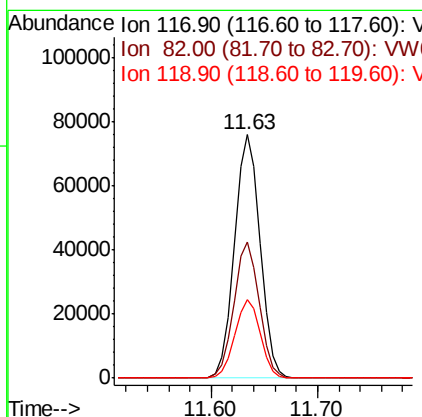
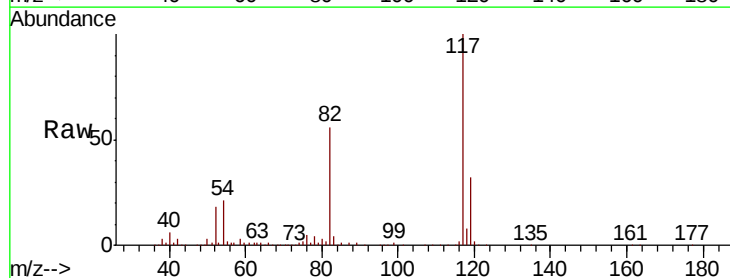
Instrument :
MSVOA_W
ClientSampleId :

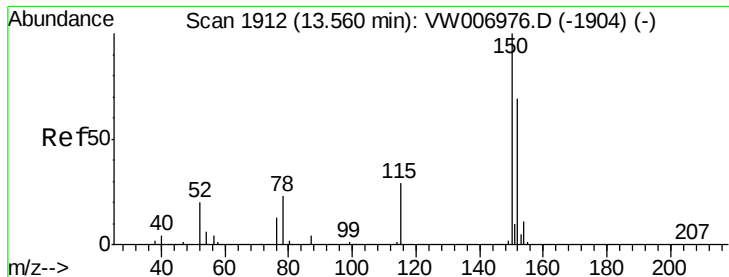
Tot Ion: 95 Resp: 55198
Ion Ratio Lower Upper
95 100
174 72.8 0.0 143.6
176 70.1 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007010.D
Acq: 21 Nov 2018 19:40

Tgt Ion: 117 Resp: 128235
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.4 25.9 38.9



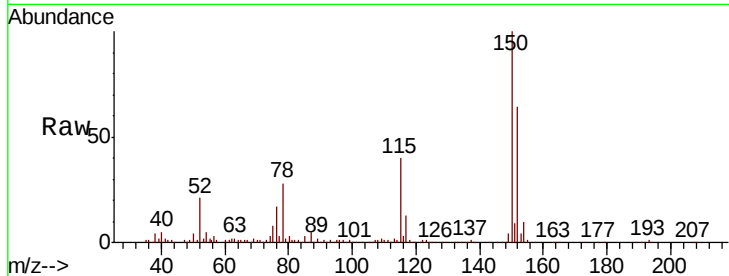


#72

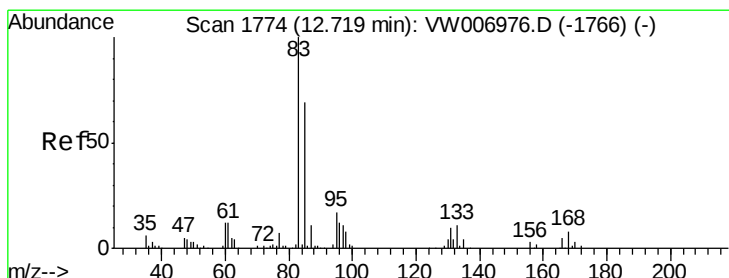
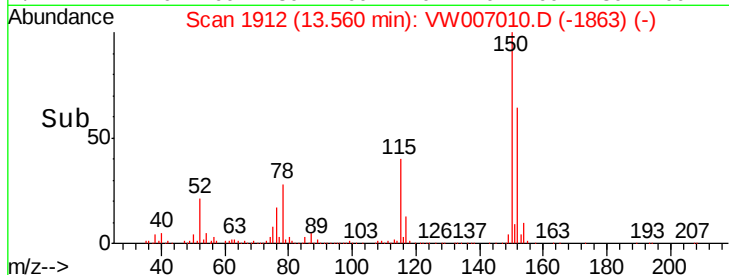
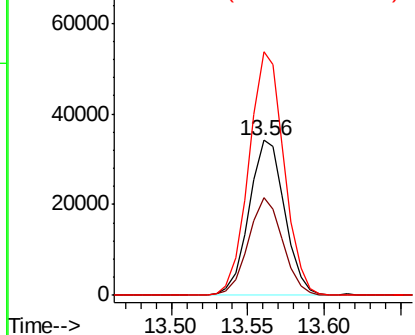
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007010.D
Acq: 21 Nov 2018 19:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 55470
Ion Ratio Lower Upper
152 100
115 60.8 31.4 94.2
150 154.9 0.0 353.4



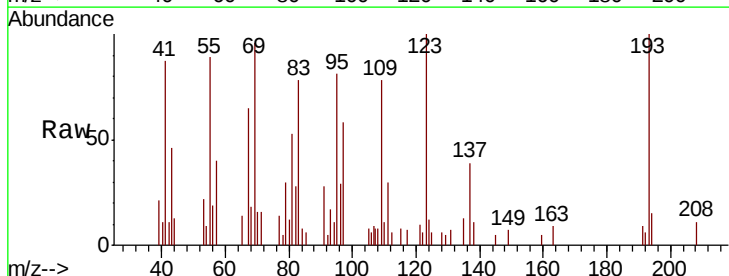
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



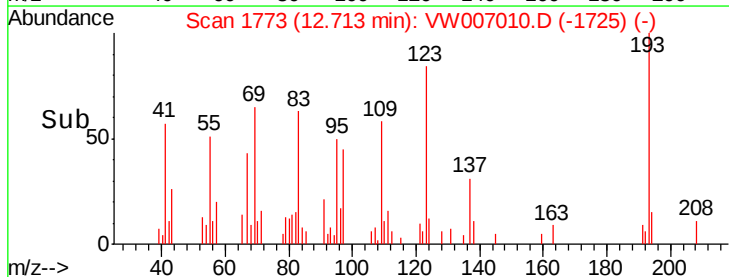
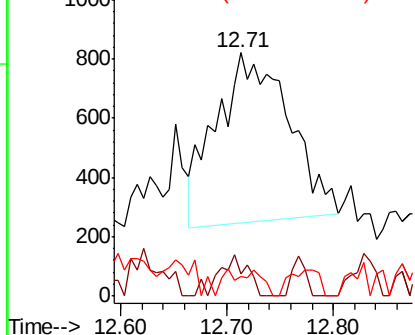
#75

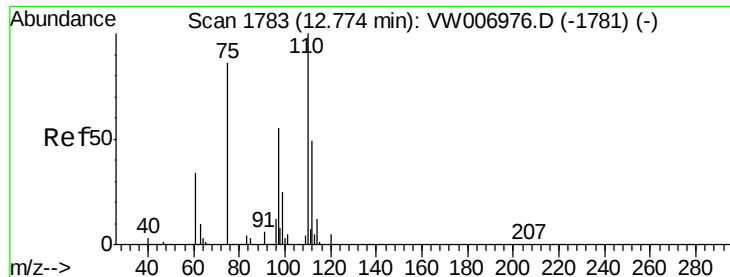
1,1,2,2-Tetrachloroethane
Concen: 4.751 ug/l
RT: 12.71 min Scan# 1773
Delta R.T. -0.01 min
Lab File: VW007010.D
Acq: 21 Nov 2018 19:40

Tgt Ion: 83 Resp: 2726
Ion Ratio Lower Upper
83 100
131 9.4 5.7 17.1
85 4.5 33.1 99.2#



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW

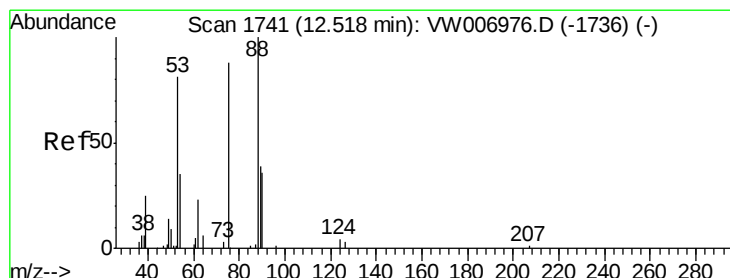
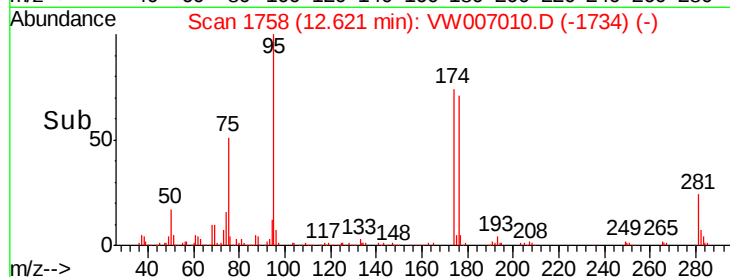
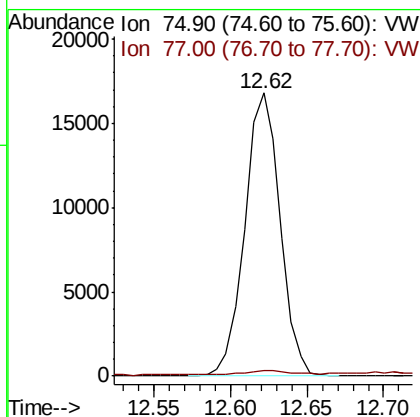
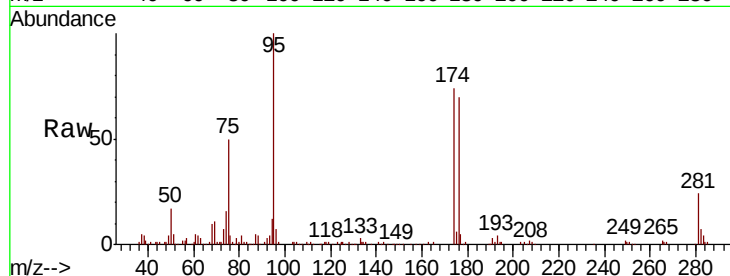




#76
 1,2,3-Trichloropropane
 Concen: 61.630 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007010.D
 Acq: 21 Nov 2018 19:40

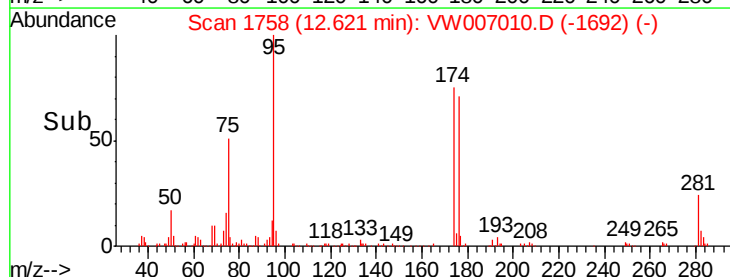
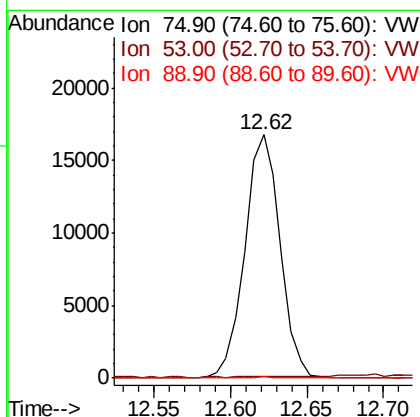
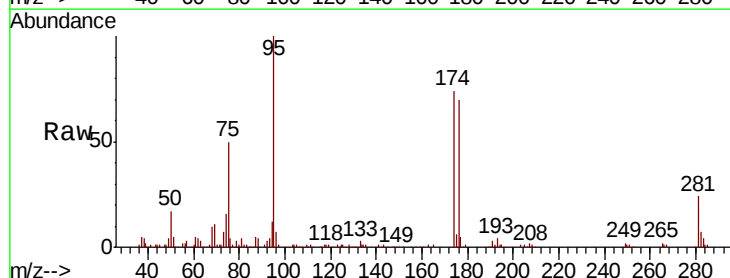
Instrument :
 MSVOA_W
 ClientSampleId :

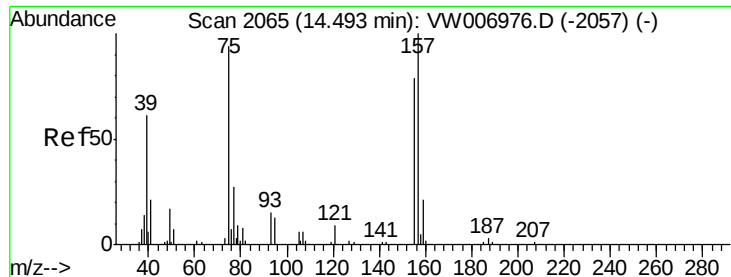
Tot Ion: 75 Resp: 26863
 Ion Ratio Lower Upper
 75 100
 77 2.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 154.727 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007010.D
 Acq: 21 Nov 2018 19:40

Tgt Ion: 75 Resp: 26863
 Ion Ratio Lower Upper
 75 100
 53 0.4 77.6 116.4#
 89 0.2 39.3 58.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.238 ug/l

RT: 14.34 min Scan# 2040

Delta R.T. -0.15 min

Lab File: VW007010.D

Acq: 21 Nov 2018 19:40

Instrument :

MSVOA_W

ClientSampleId :

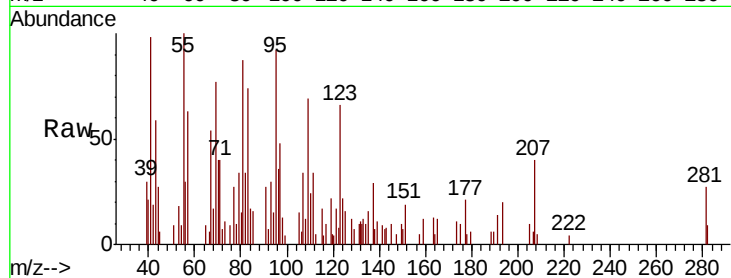
Tot Ion: 75 Resp: 120

Ion Ratio Lower Upper

75 100

155 0.0 42.6 127.8#

157 113.3 55.0 165.0



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

