

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090119\
 Data File : VW012451.D
 Acq On : 01 Sep 2019 16:31
 Operator : SY/VA
 Sample : K4516-02RE
 Misc : 4.69G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-B2-(2.5)

Quant Time: Sep 02 07:19:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	183147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	304452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	101776	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	123365	56.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.32%	
35) Dibromofluoromethane	7.88	113	94314	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
50) Toluene-d8	10.32	98	376491	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.62	95	116946	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	

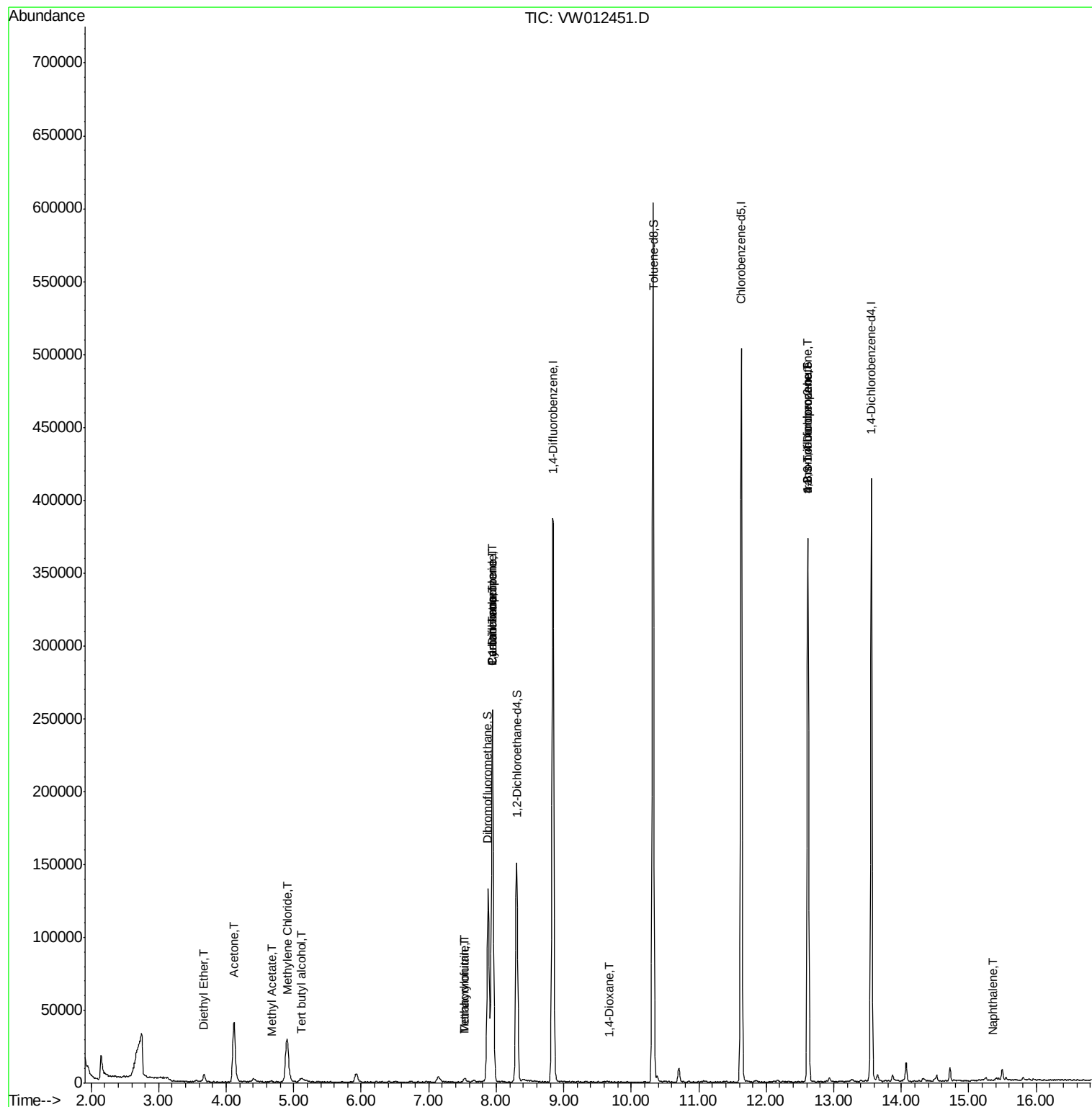
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	2341	2.297	ug/l	81
11) Tert butyl alcohol	5.12	59	2659	20.294	ug/l #	75
16) Acetone	4.12	43	74078	133.107	ug/l	96
18) Methyl Acetate	4.67	43	1463	1.061	ug/l #	85
20) Methylene Chloride	4.90	84	21363	10.154	ug/l	93
29) Tetrahydrofuran	7.53	42	2519	5.552	ug/l	98
31) Cyclohexane	7.94	56	4941	1.260	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	16292	5.178	ug/l #	53
38) Carbon Tetrachloride	7.95	117	18615	6.836	ug/l #	17
41) Methacrylonitrile	7.52	41	1363	1.345	ug/l #	52
49) 1,4-Dioxane	9.68	88	20	1.270	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	64206	64.774	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	64206	142.020	ug/l #	6
95) Naphthalene	15.36	128	255	4.382	ug/l #	69

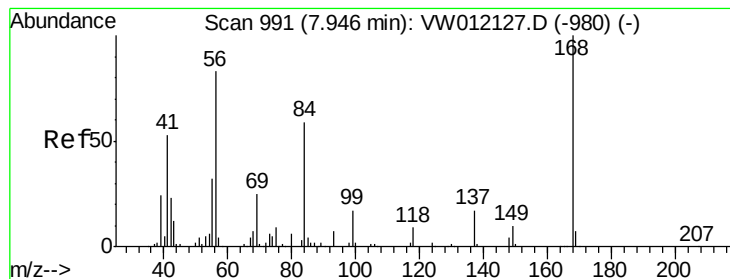
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090119\
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Quant Time: Sep 02 07:19:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012451.D

Acq: 01 Sep 2019 16:31

Instrument :

MSVOA_W

ClientSampleId :

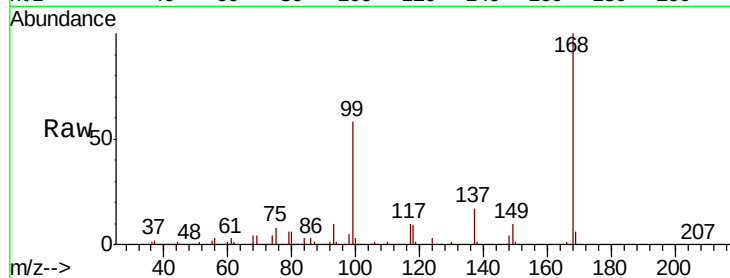
T1-S-B2-(2.5)

Tgt Ion:168 Resp: 183147

Ion Ratio Lower Upper

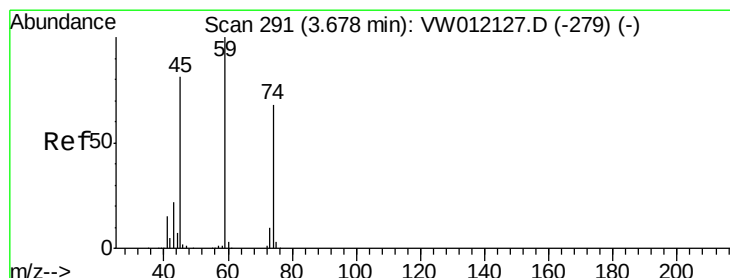
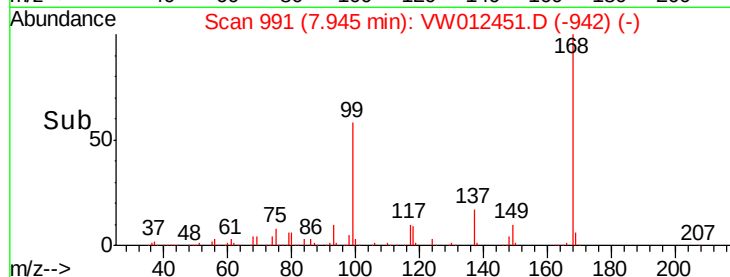
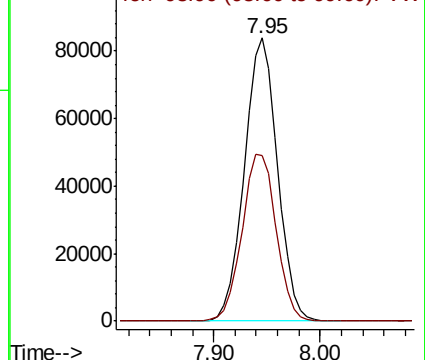
168 100

99 58.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.297 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW012451.D

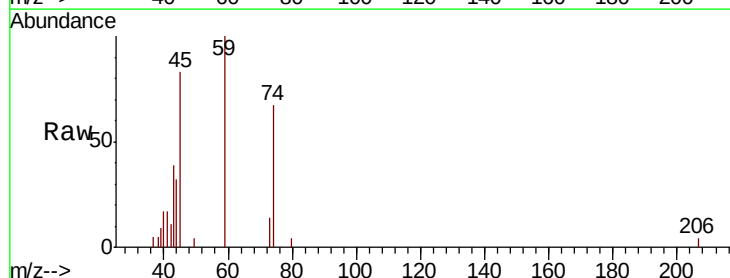
Acq: 01 Sep 2019 16:31

Tgt Ion: 74 Resp: 2341

Ion Ratio Lower Upper

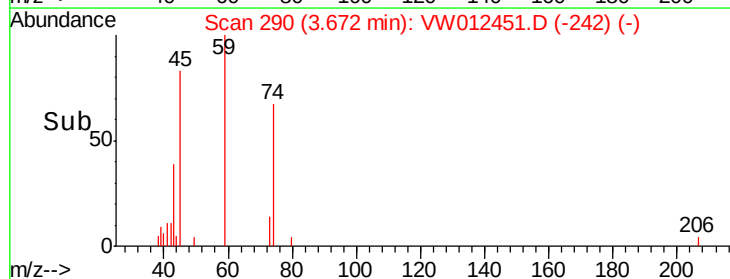
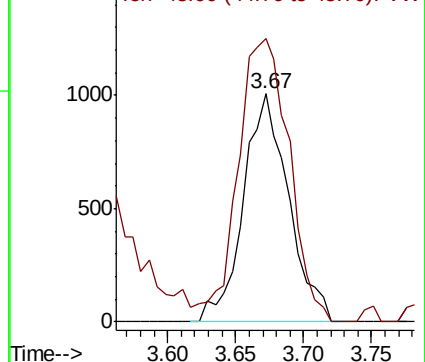
74 100

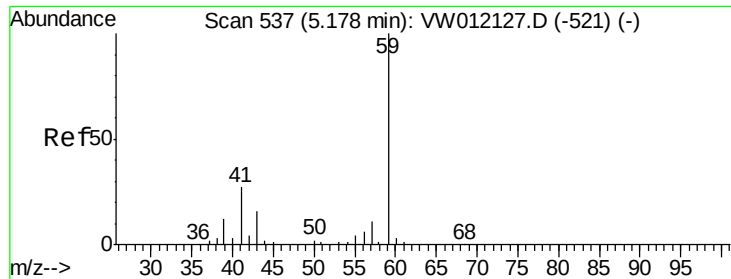
45 139.8 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

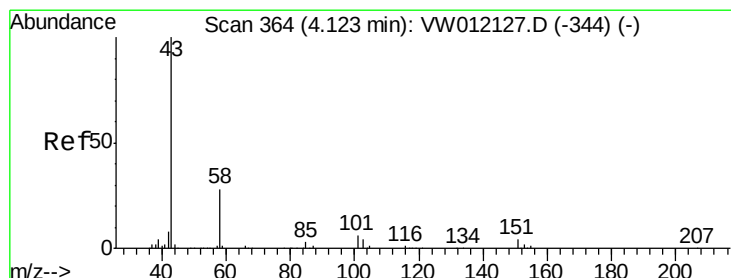
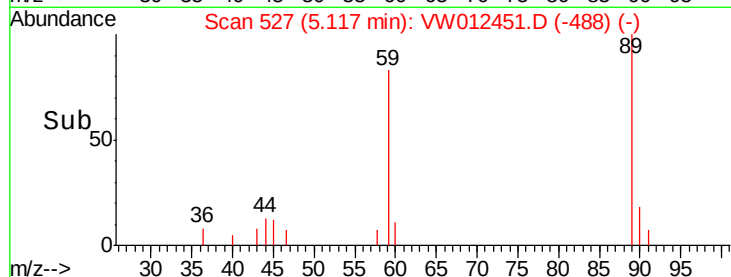
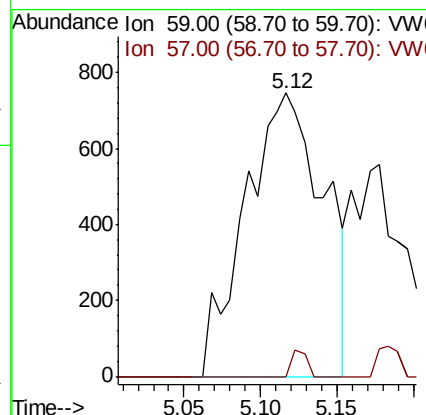
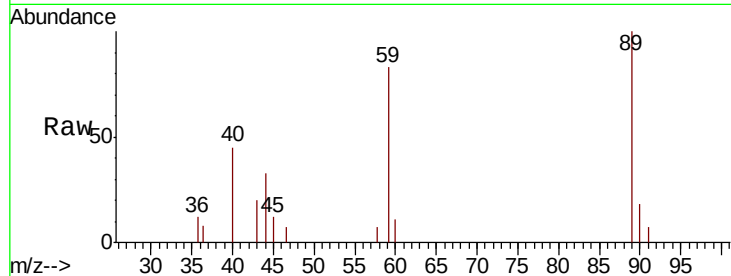




#11
Tert butyl alcohol
Concen: 20.294 ug/l
RT: 5.12 min Scan# 527
Delta R.T. -0.06 min
Lab File: VW012451.D
Acq: 01 Sep 2019 16:31

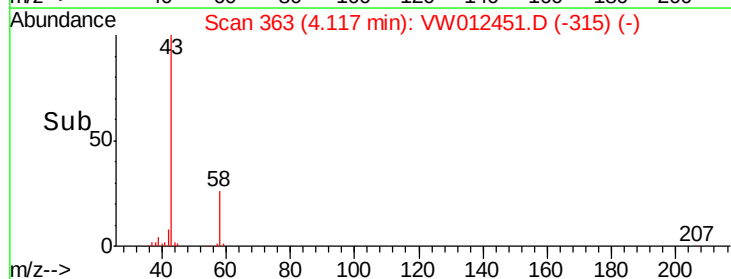
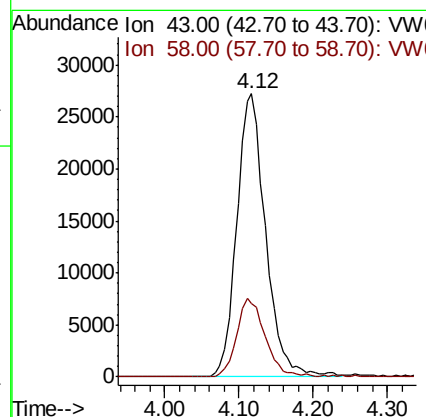
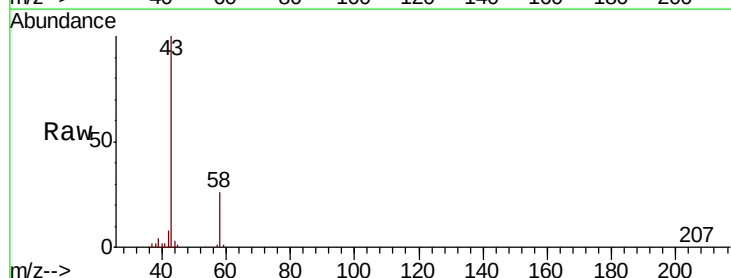
Instrument :
MSVOA_W
ClientSampled :
T1-S-B2-(2.5)

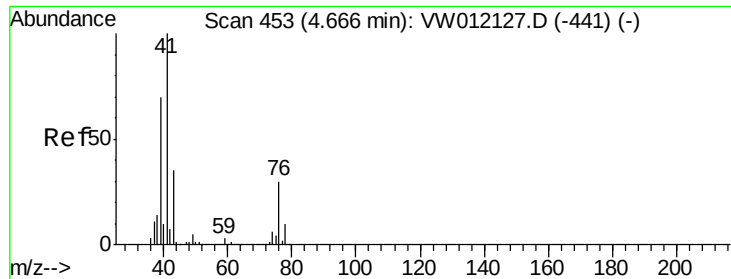
Tgt Ion: 59 Resp: 2659
Ion Ratio Lower Upper
59 100
57 1.8 9.0 13.4#



#16
Acetone
Concen: 133.107 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW012451.D
Acq: 01 Sep 2019 16:31

Tgt Ion: 43 Resp: 74078
Ion Ratio Lower Upper
43 100
58 25.8 22.4 33.6

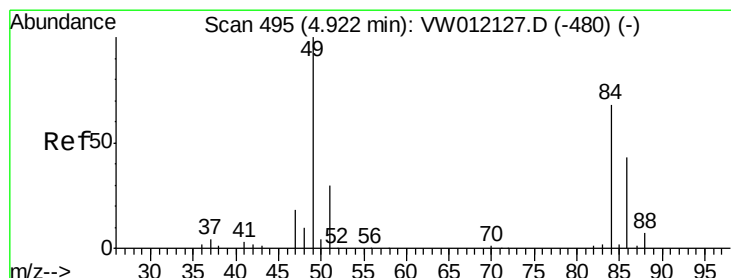
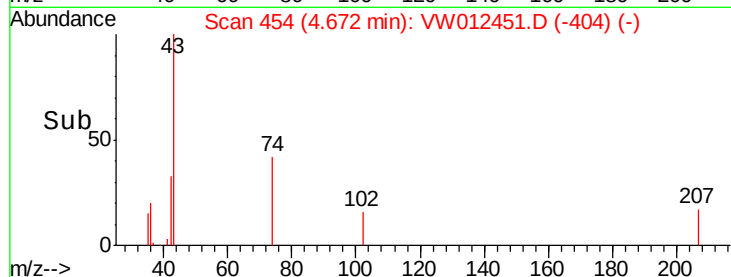
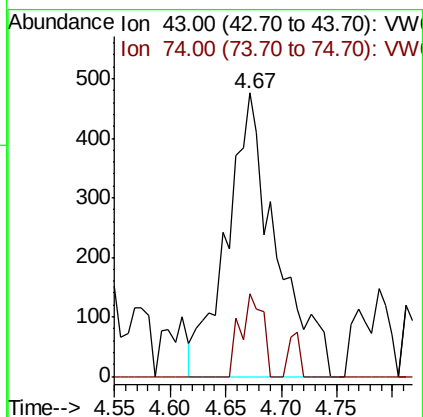
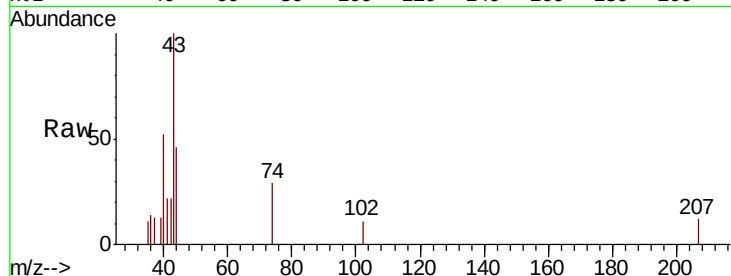




#18
Methyl Acetate
Concen: 1.061 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012451.D
Acq: 01 Sep 2019 16:31

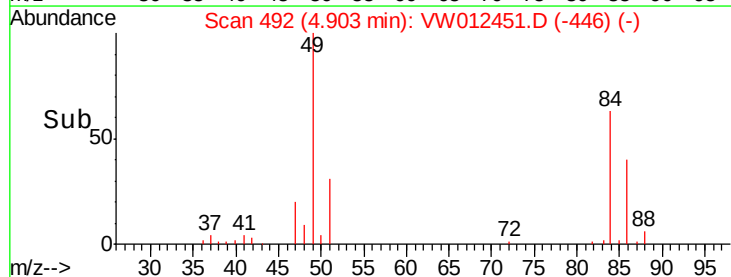
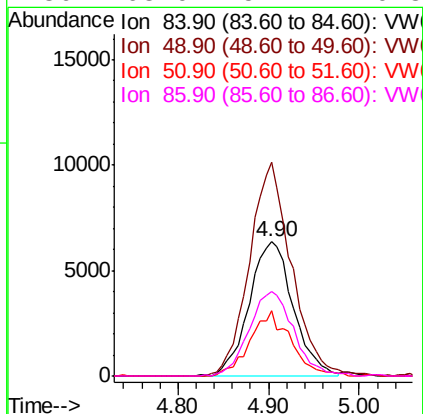
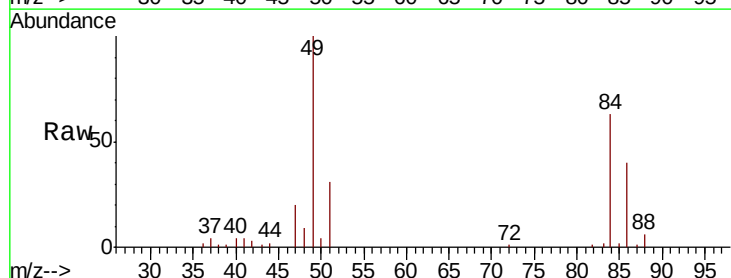
Instrument :
MSVOA_W
ClientSampleId :
T1-S-B2-(2.5)

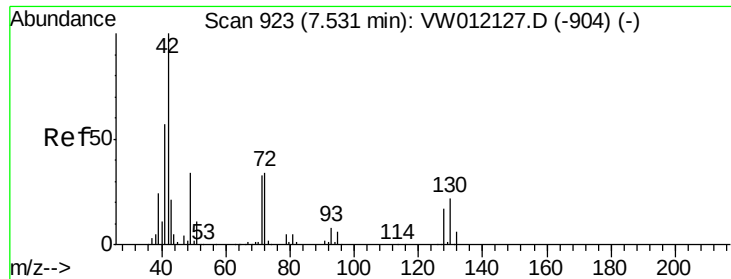
Tgt Ion: 43 Resp: 1463
Ion Ratio Lower Upper
43 100
74 12.9 15.7 23.5#



#20
Methylene Chloride
Concen: 10.154 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012451.D
Acq: 01 Sep 2019 16:31

Tgt Ion: 84 Resp: 21363
Ion Ratio Lower Upper
84 100
49 159.2 117.8 176.8
51 48.7 35.6 53.4
86 63.0 51.2 76.8

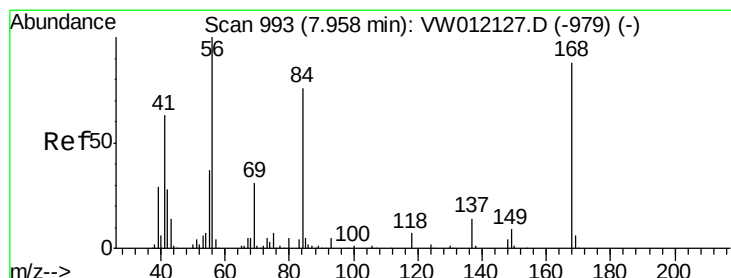
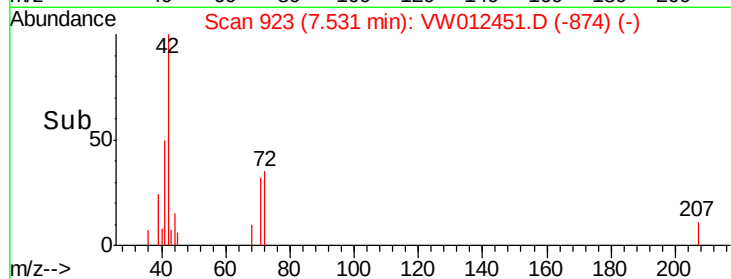
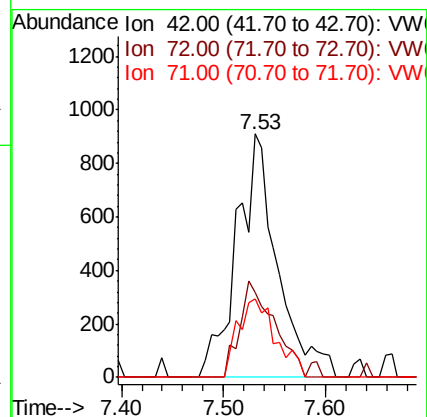
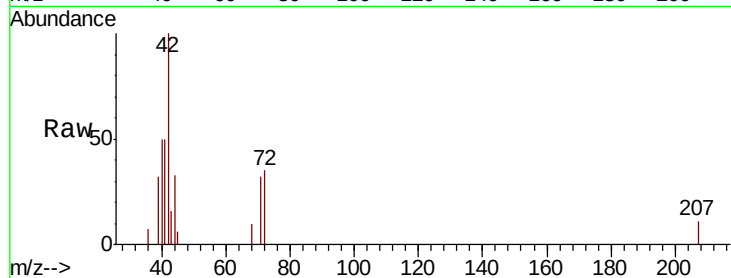




#29
Tetrahydrofuran
Concen: 5.552 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012451.D
Acq: 01 Sep 2019 16:31

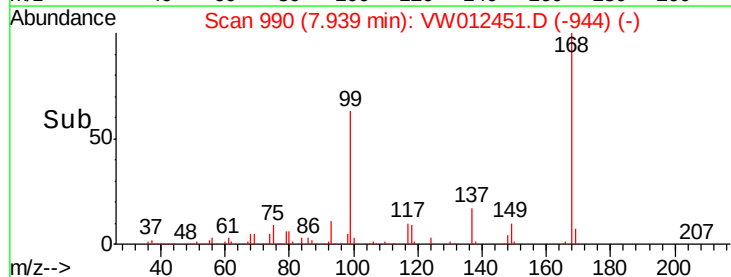
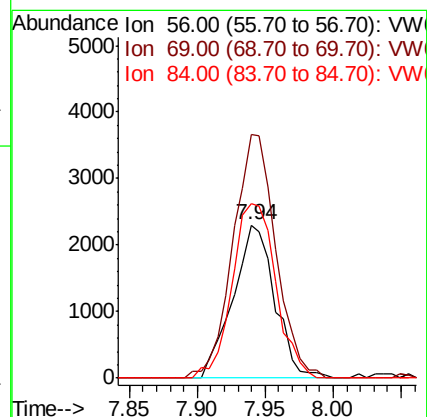
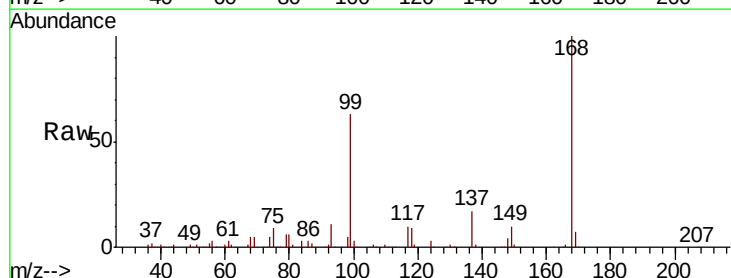
Instrument :
MSVOA_W
ClientSampleId :
T1-S-B2-(2.5)

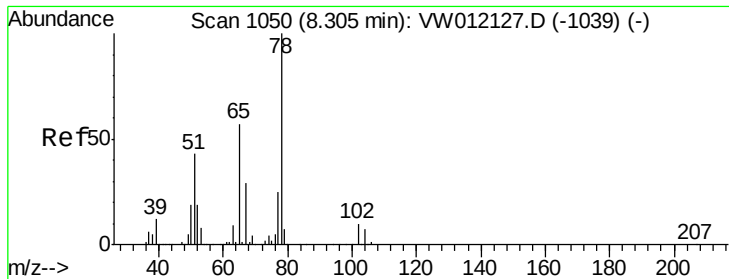
Tgt Ion: 42 Resp: 2519
Ion Ratio Lower Upper
42 100
72 33.5 27.3 40.9
71 29.9 25.5 38.3



#31
Cyclohexane
Concen: 1.260 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW012451.D
Acq: 01 Sep 2019 16:31

Tgt Ion: 56 Resp: 4941
Ion Ratio Lower Upper
56 100
69 158.8 24.9 37.3#
84 114.0 60.6 90.8#

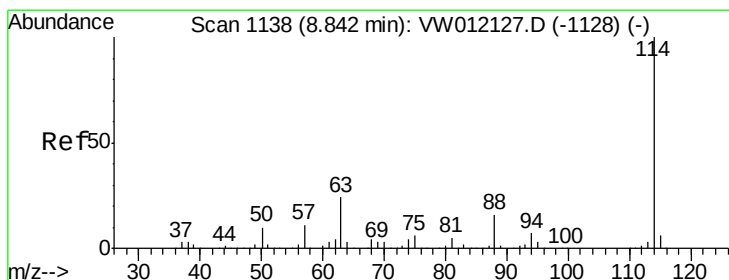
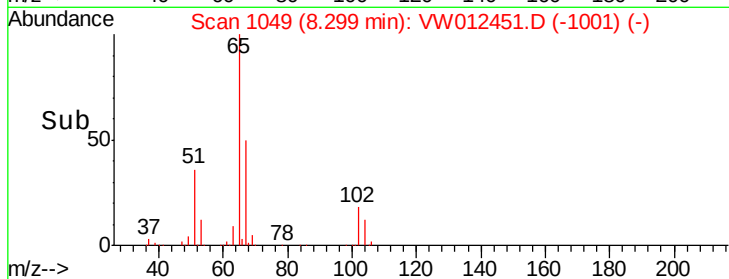
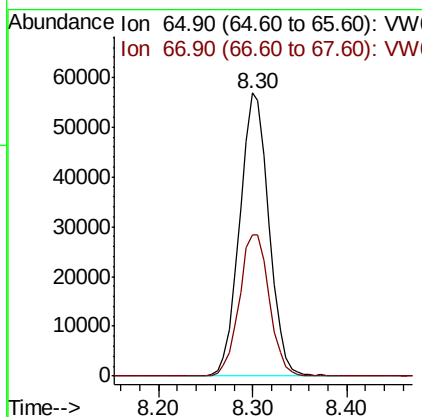
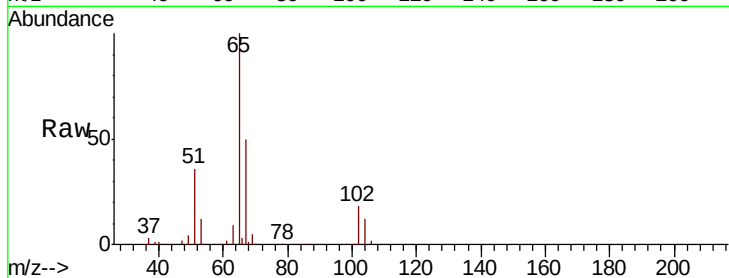




#33
 1,2-Dichloroethane-d4
 Concen: 56.663 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012451.D
 Acq: 01 Sep 2019 16:31

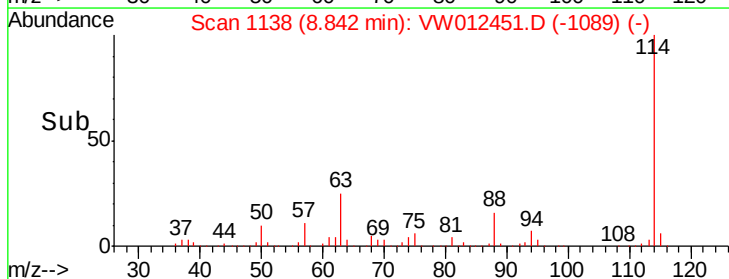
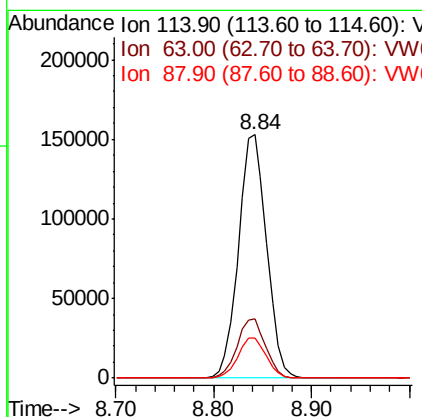
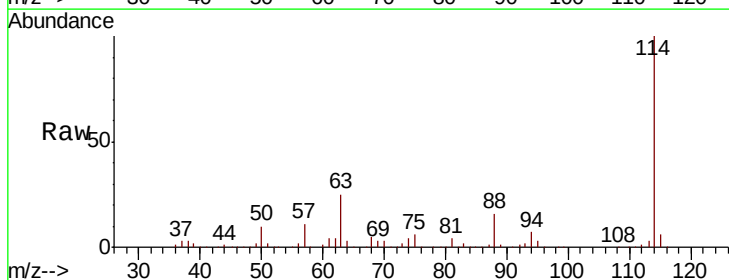
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 ClientSampleId :
 T1-S-B2-(2.5)

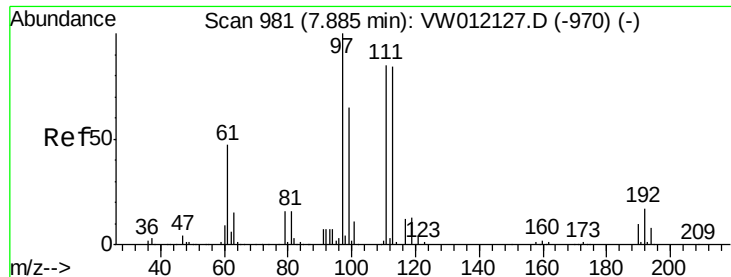
Tgt Ion: 65 Resp: 123365
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012451.D
 Acq: 01 Sep 2019 16:31

Tgt Ion: 114 Resp: 304452
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.6
 88 16.4 0.0 32.2

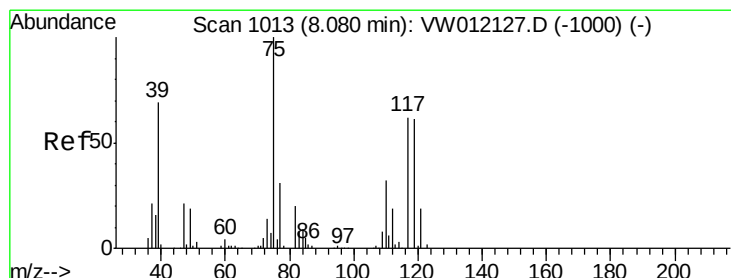
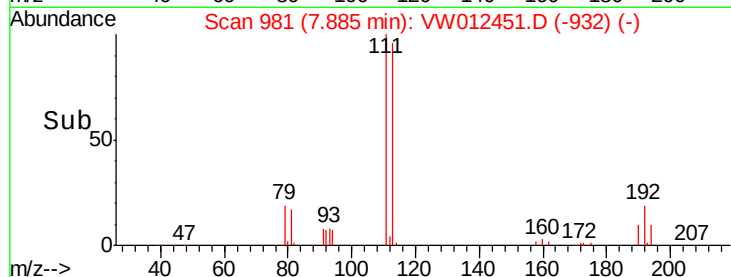
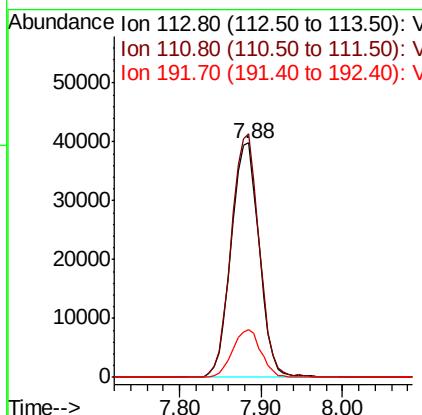
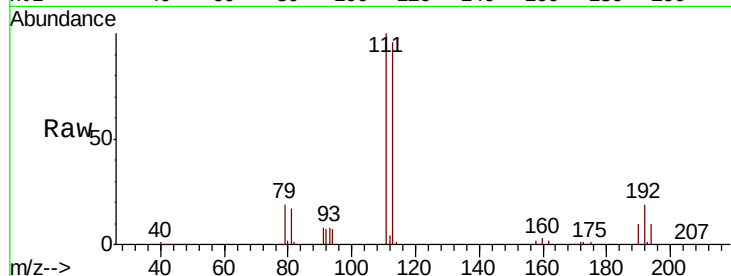




#35
 Dibromofluoromethane
 Concen: 51.898 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012451.D
 Acq: 01 Sep 2019 16:31

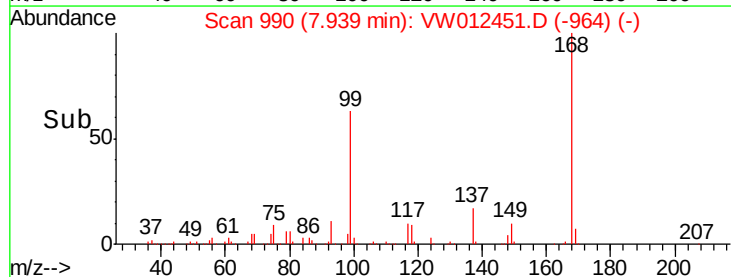
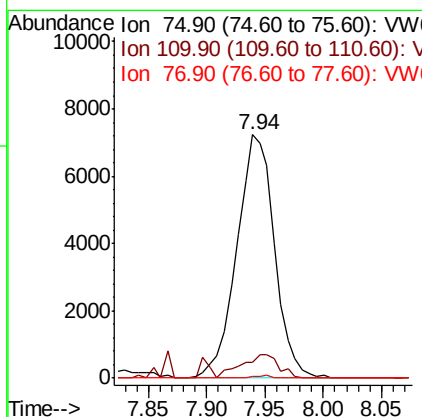
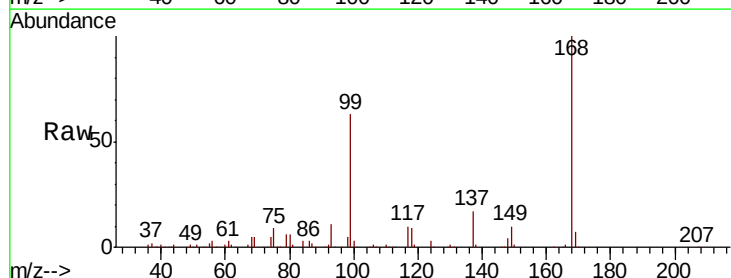
Instrument :
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 T1-S-B2-(2.5)

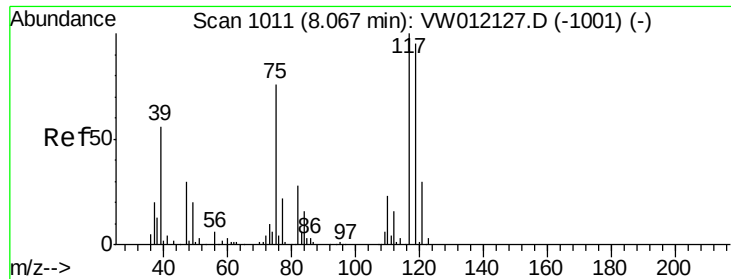
Tgt Ion: 113 Resp: 94314
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.7 124.1
 192 20.5 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.178 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012451.D
 Acq: 01 Sep 2019 16:31

Tgt Ion: 75 Resp: 16292
 Ion Ratio Lower Upper
 75 100
 110 9.8 15.6 46.8#
 77 0.5 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.836 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012451.D

Acq: 01 Sep 2019 16:31

Instrument :

MSVOA_W

ClientSampleId :

T1-S-B2-(2.5)

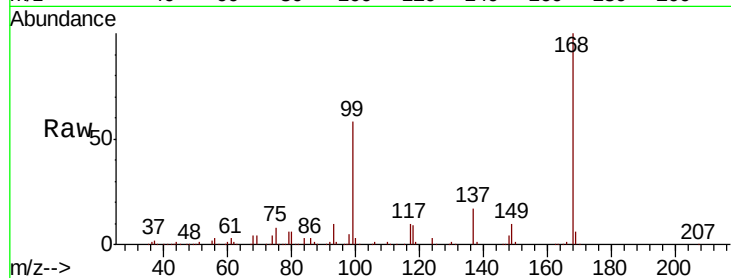
Tgt Ion:117 Resp: 18615

Ion Ratio Lower Upper

117 100

119 5.4 76.2 114.2#

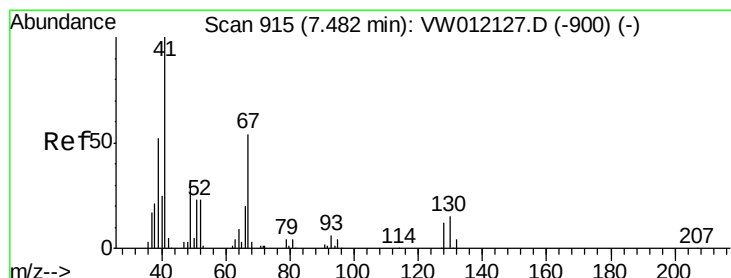
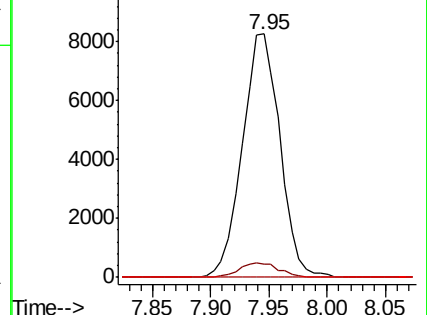
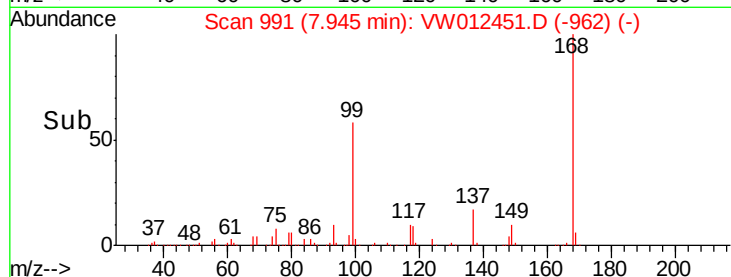
121 0.0 23.8 35.8#



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



#41

Methacrylonitrile

Concen: 1.345 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.04 min

Lab File: VW012451.D

Acq: 01 Sep 2019 16:31

Tgt Ion: 41 Resp: 1363

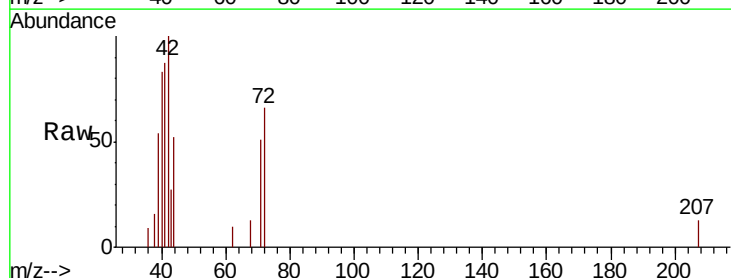
Ion Ratio Lower Upper

41 100

39 70.2 45.8 68.8#

67 0.0 46.2 69.4#

52 0.0 21.0 31.6#

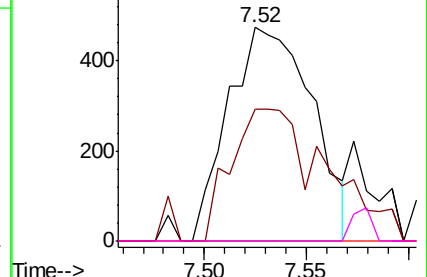
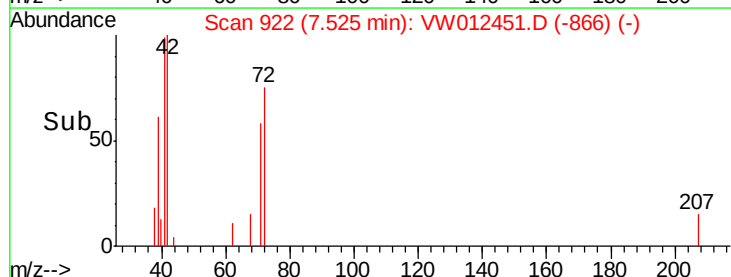


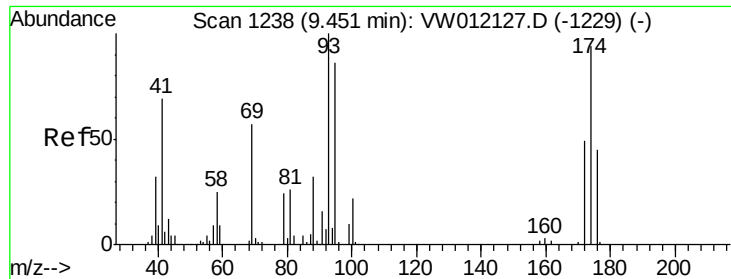
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW

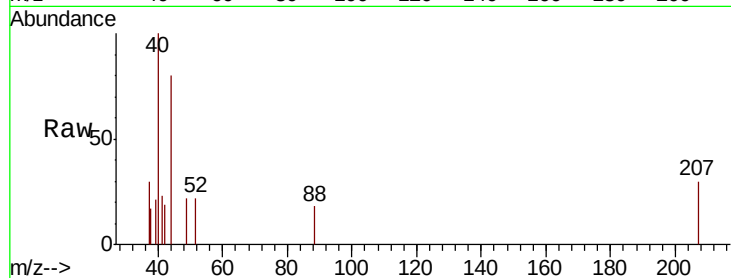




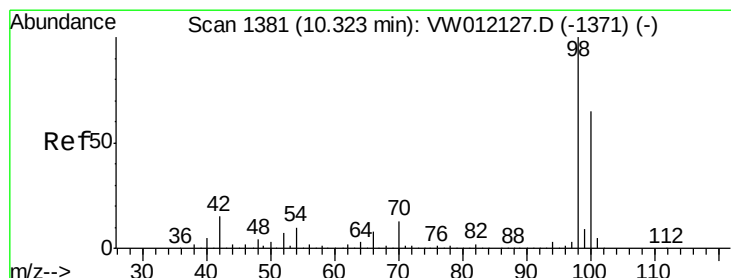
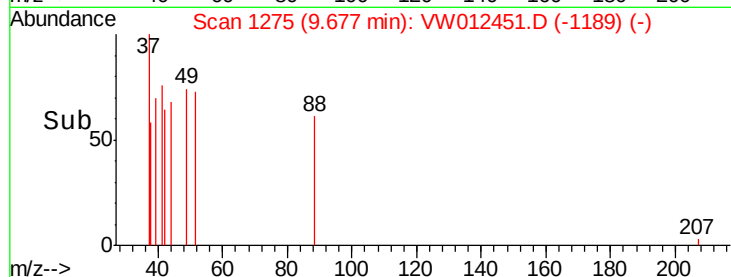
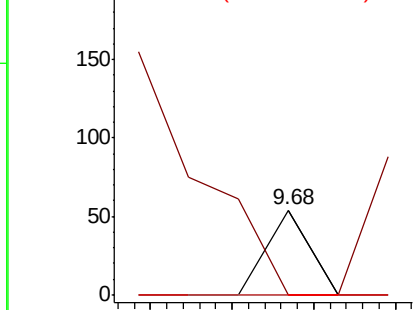
#49
1,4-Dioxane
Concen: 1.270 ug/l
RT: 9.68 min Scan# 1275
Delta R.T. 0.23 min
Lab File: VW012451.D
Acq: 01 Sep 2019 16:31

Instrument :
MSVOA_W
ClientSampleId :
T1-S-B2-(2.5)

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 32.9 49.3#
58 0.0 71.0 106.4#

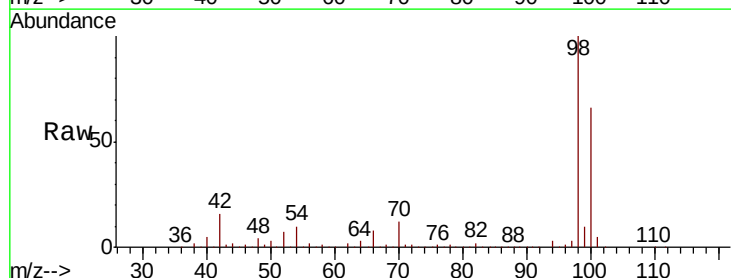


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

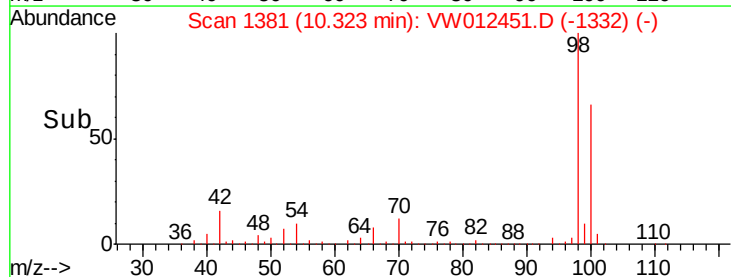
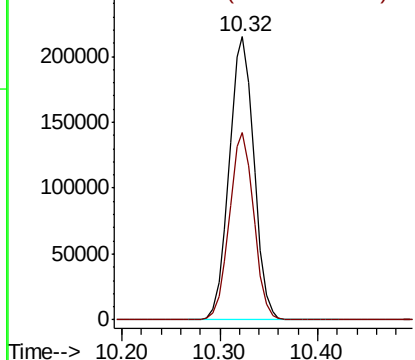


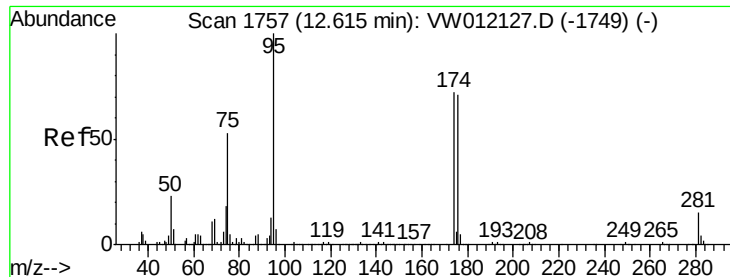
#50
Toluene-d8
Concen: 51.094 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012451.D
Acq: 01 Sep 2019 16:31

Tgt Ion: 98 Resp: 376491
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



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

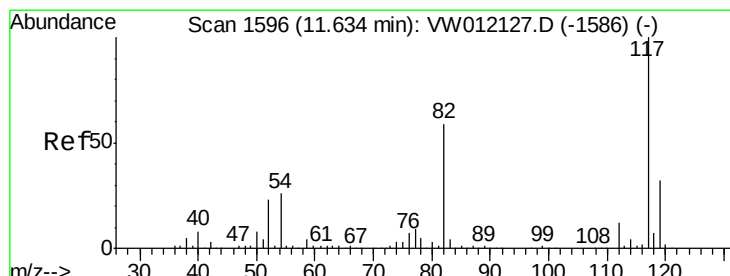
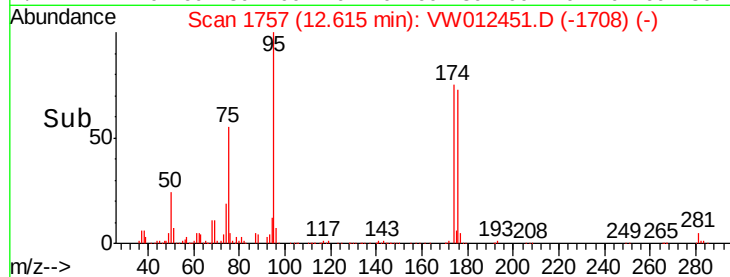
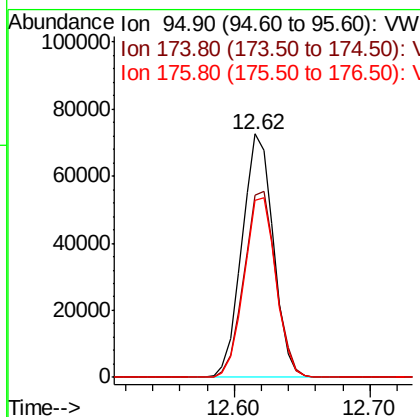
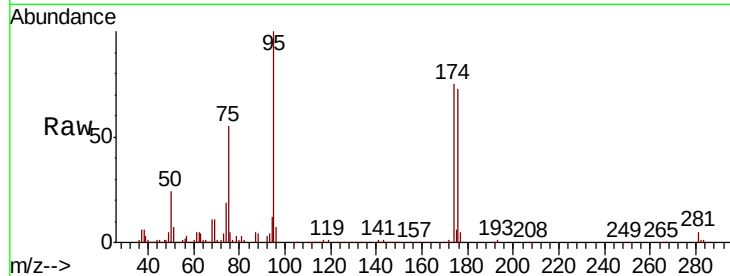




#62
4-Bromofluorobenzene
Concen: 45.024 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012451.D
Acq: 01 Sep 2019 16:31

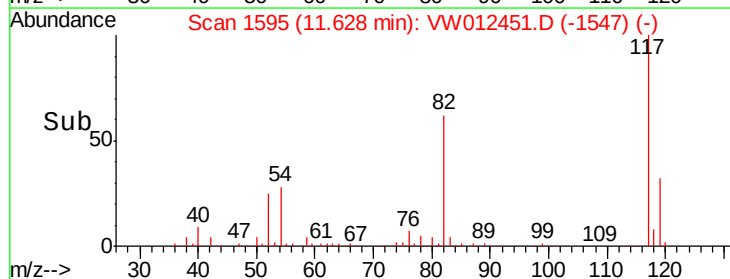
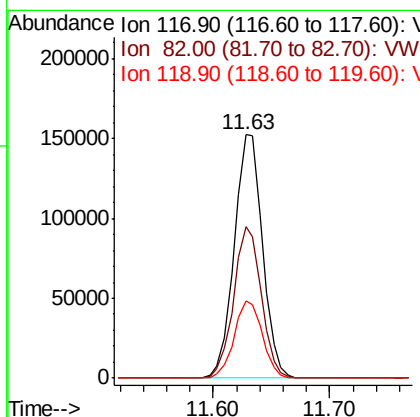
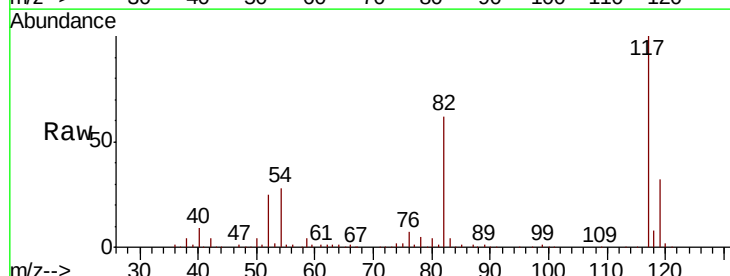
Instrument :
MSVOA_W
ClientSampleId :
T1-S-B2-(2.5)

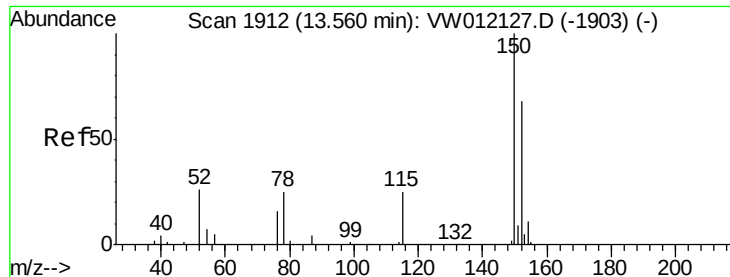
Tgt Ion: 95 Resp: 116946
Ion Ratio Lower Upper
95 100
174 78.1 0.0 150.8
176 75.4 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW012451.D
Acq: 01 Sep 2019 16:31

Tgt Ion: 117 Resp: 258553
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 31.7 25.4 38.2



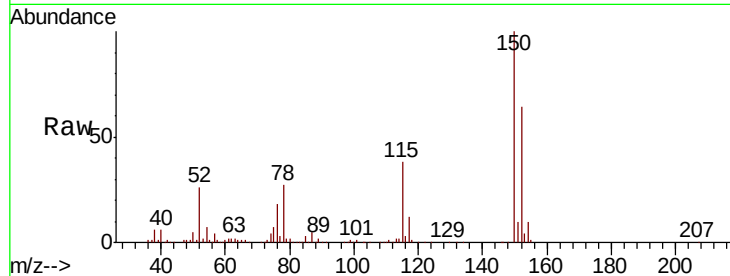


#72

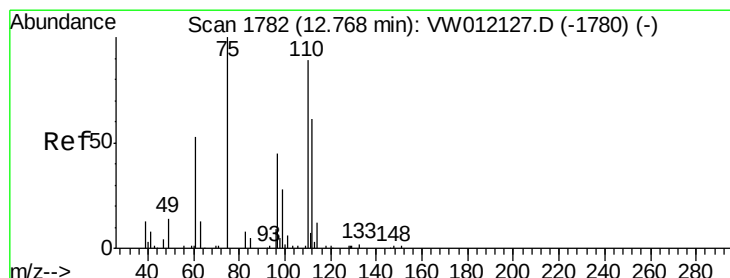
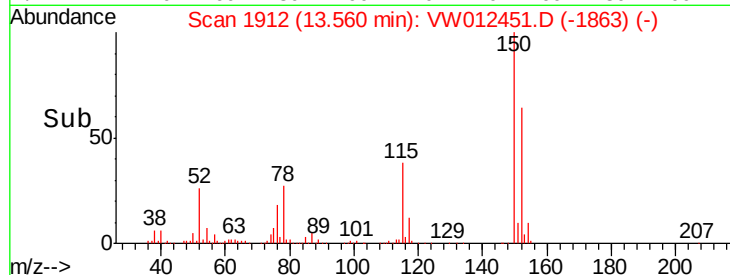
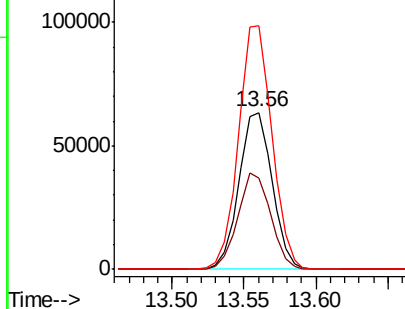
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012451.D
Acq: 01 Sep 2019 16:31

Instrument :
MSVOA_W
ClientSampleId :
T1-S-B2-(2.5)

Tgt Ion:152 Resp: 101776
Ion Ratio Lower Upper
152 100
115 60.6 30.1 90.3
150 156.1 0.0 345.8



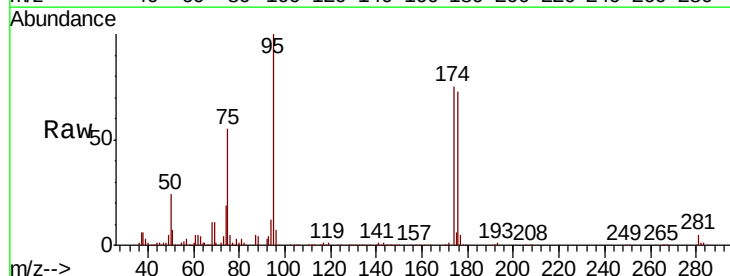
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



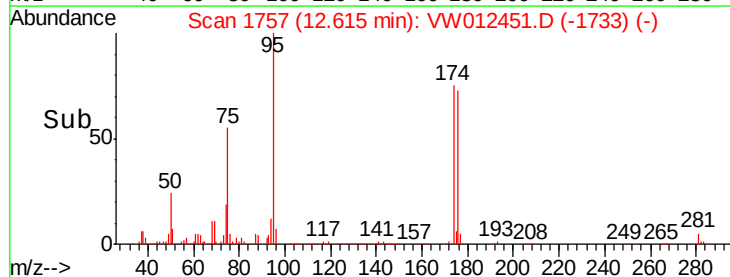
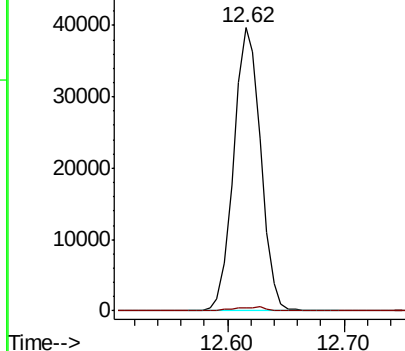
#76

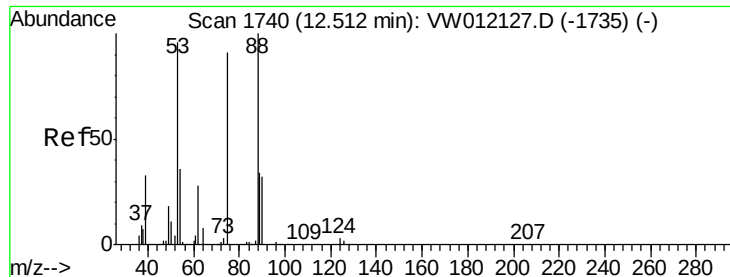
1,2,3-Trichloropropane
Concen: 64.774 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012451.D
Acq: 01 Sep 2019 16:31

Tgt Ion: 75 Resp: 64206
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 142.020 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012451.D

Acq: 01 Sep 2019 16:31

Instrument :

MSVOA_W

ClientSampleId :

T1-S-B2-(2.5)

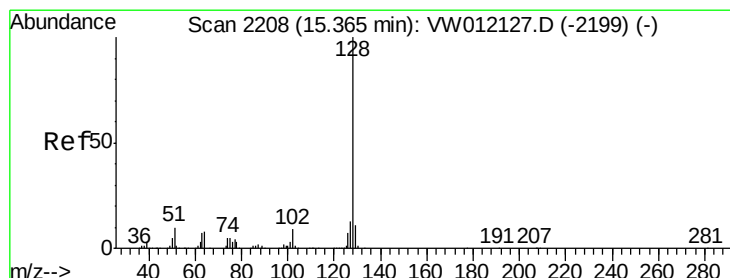
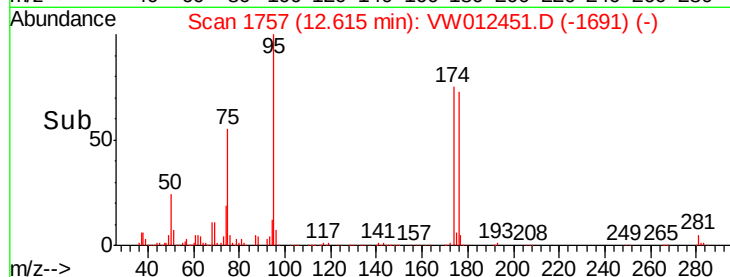
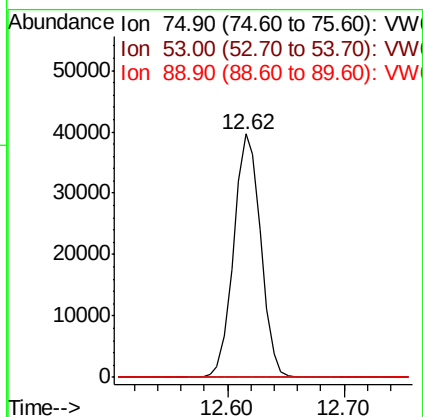
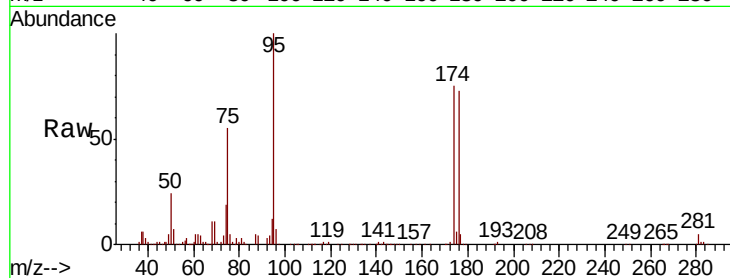
Tgt Ion: 75 Resp: 64206

Ion Ratio Lower Upper

75 100

53 0.1 89.4 134.0#

89 0.0 34.5 51.7#



#95

Naphthalene

Concen: 4.382 ug/l

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW012451.D

Acq: 01 Sep 2019 16:31

Tgt Ion: 128 Resp: 255

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 0.0 8.7 13.1#

