

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008124.D
 Acq On : 10 Jan 2019 02:18
 Operator : SY/AP
 Sample : K1008-01RE
 Misc : 6.34G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-010819

Quant Time: Jan 10 06:02:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

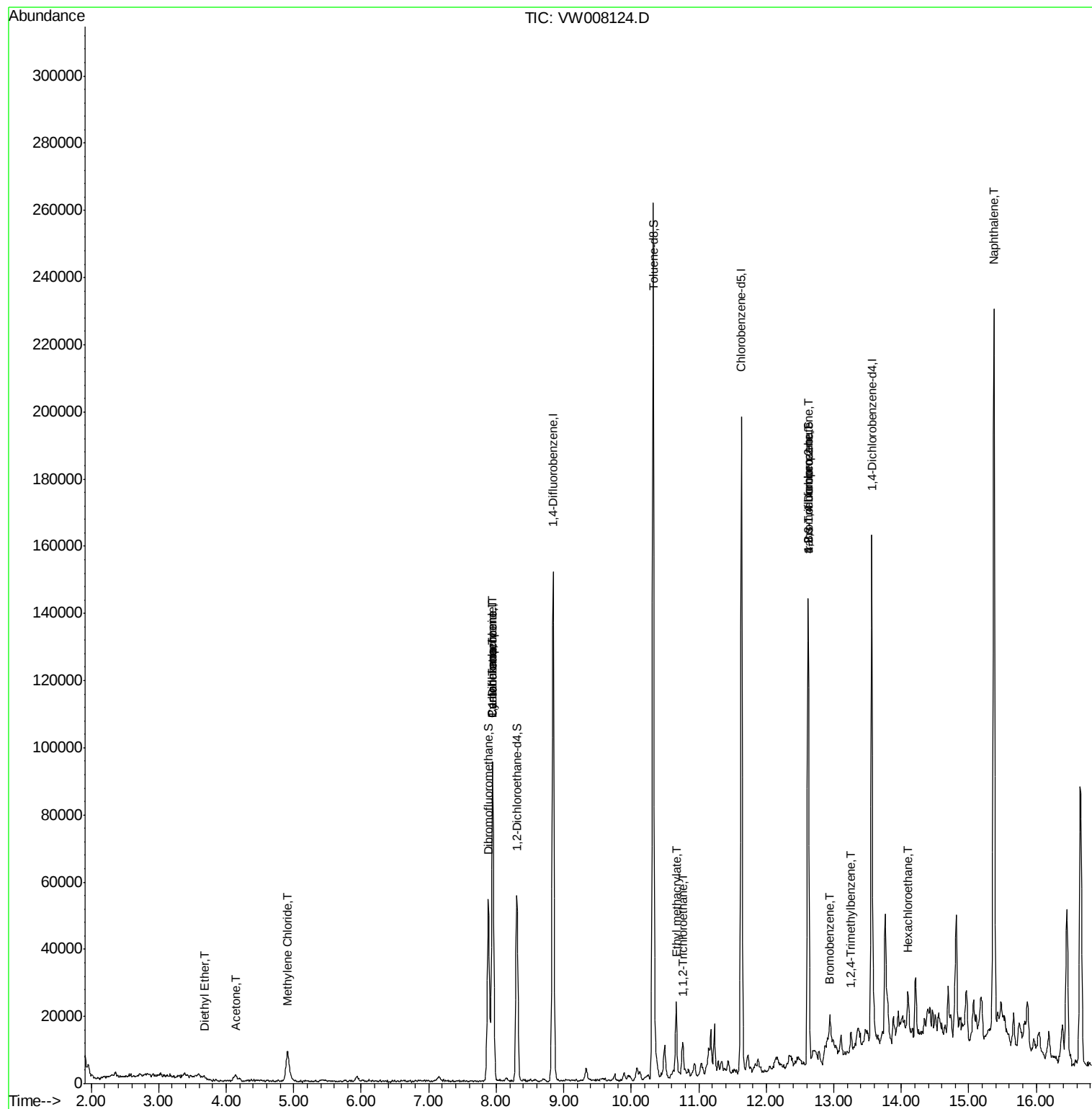
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	105330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	37218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42167	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
35) Dibromofluoromethane	7.88	113	37938	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
50) Toluene-d8	10.32	98	156772	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.62	95	45849	42.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.14%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	461	1.090	ug/l	57
11) Tert butyl alcohol	5.21	59	88	Below Cal	#	100
13) Acrolein	3.90	56	29	Below Cal	#	14
16) Acetone	4.14	43	3425	4.708	ug/l	95
20) Methylene Chloride	4.90	84	6602	4.593	ug/l	96
31) Cyclohexane	7.95	56	1997	1.268	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	5826	4.608	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7159	6.186	ug/l #	17
55) 1,1,2-Trichloroethane	10.76	97	3710	6.327	ug/l #	22
56) Ethyl methacrylate	10.66	69	2041	2.811	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	23506	69.282	ug/l #	1
77) Bromobenzene	12.93	156	3836	6.213	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	23506	161.335	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.26	105	3592	1.450	ug/l	94
90) Hexachloroethane	14.11	117	619	1.364	ug/l #	21
95) Naphthalene	15.37	128	183358	134.377	ug/l	100

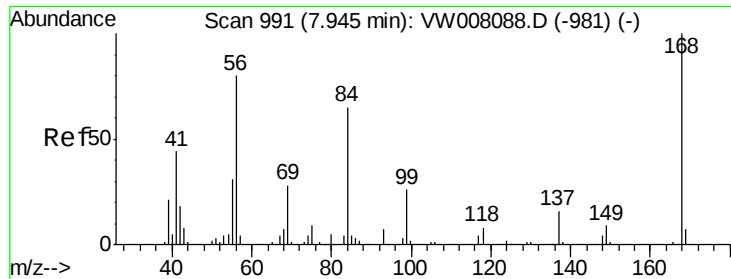
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
Data File : VW008124.D
Acq On : 10 Jan 2019 02:18
Operator : SY/AP
Sample : K1008-01RE
Misc : 6.34G/5ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleID :
HD-02-010819

Quant Time: Jan 10 06:02:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 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: VW008124.D

Acq: 10 Jan 2019 02:18

Instrument :

MSVOA_W

ClientSampleId :

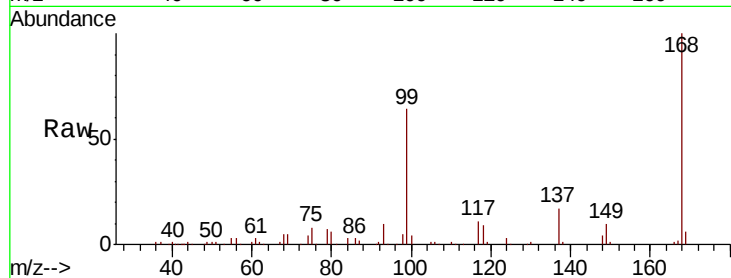
HD-02-010819

Tgt Ion: 168 Resp: 66590

Ion Ratio Lower Upper

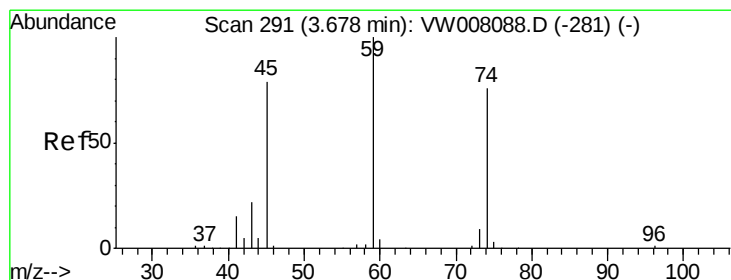
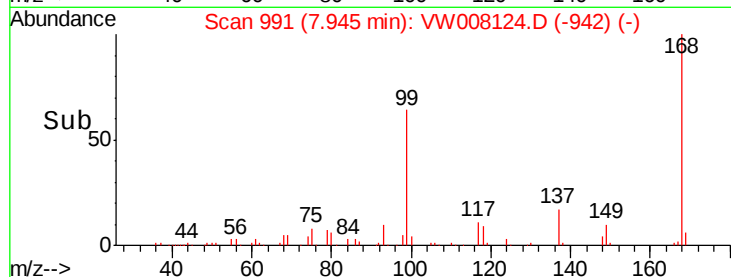
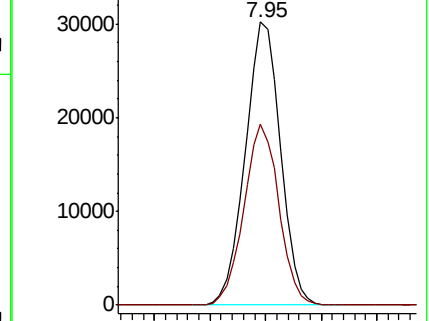
168 100

99 64.0 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.090 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW008124.D

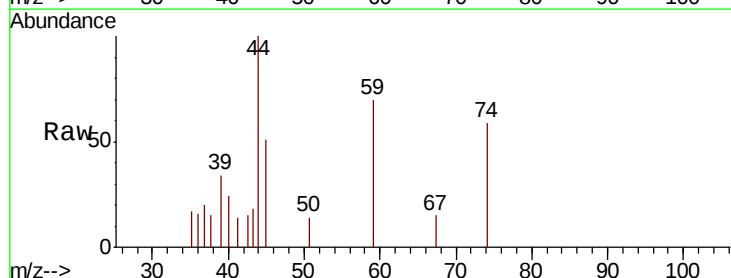
Acq: 10 Jan 2019 02:18

Tgt Ion: 74 Resp: 461

Ion Ratio Lower Upper

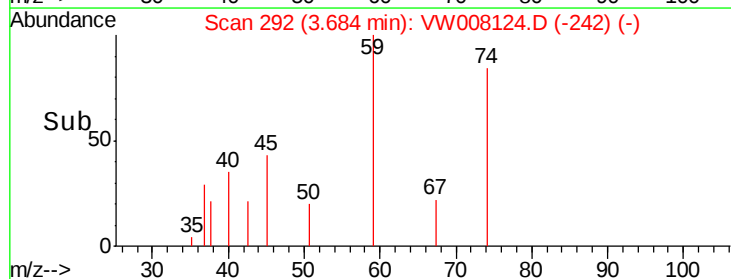
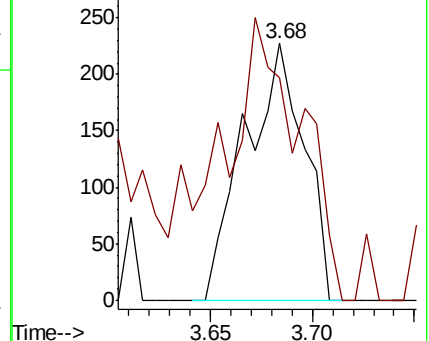
74 100

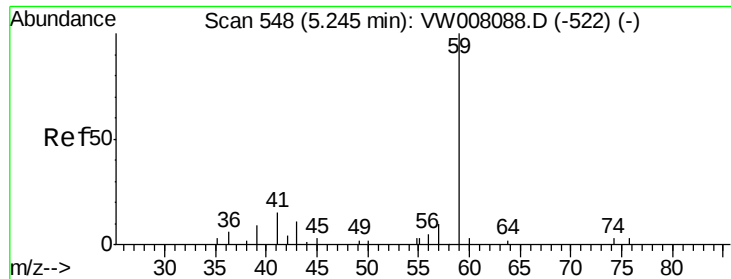
45 148.8 52.4 157.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

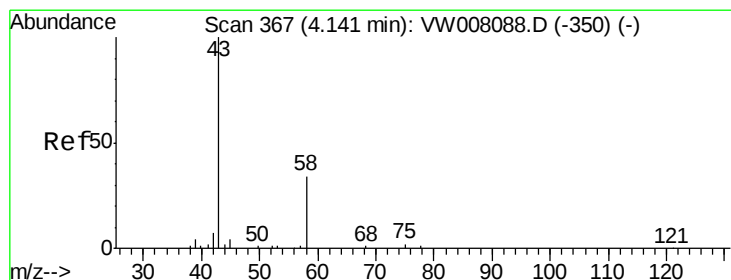
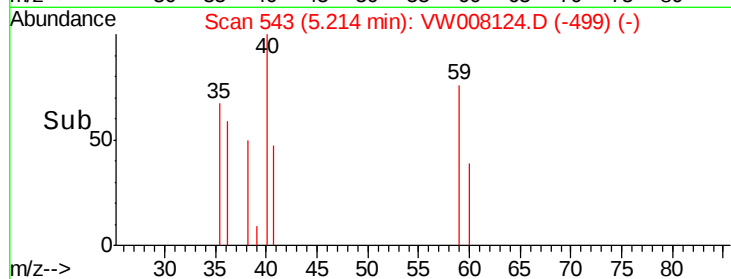
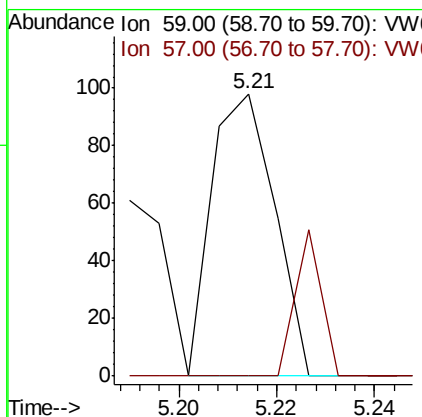
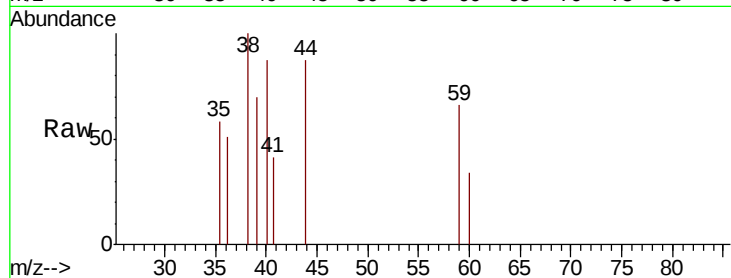




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.21 min Scan# 543
Delta R.T. -0.03 min
Lab File: VW008124.D
Acq: 10 Jan 2019 02:18

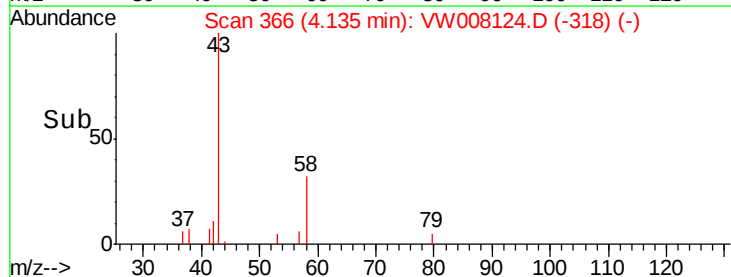
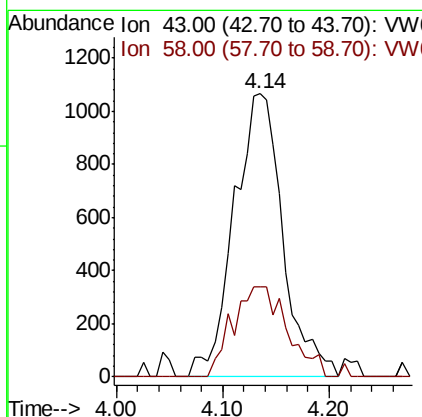
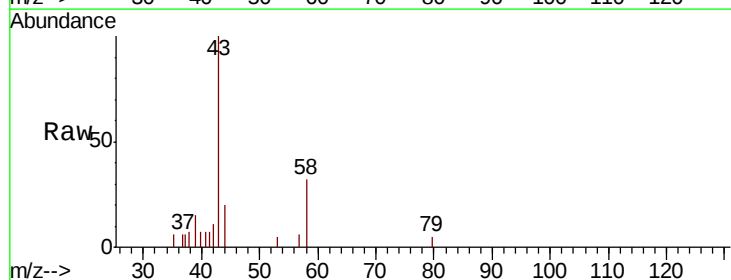
Instrument :
MSVOA_W
ClientSampleId :
HD-02-010819

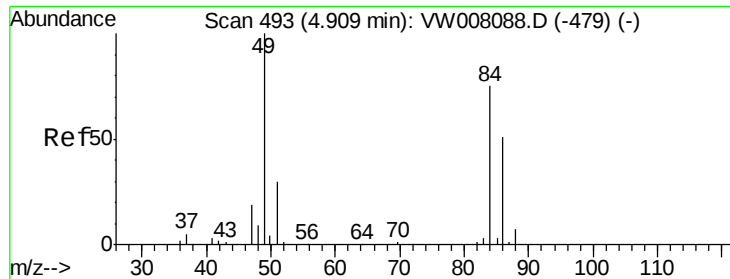
Tgt Ion: 59 Resp: 88
Ion Ratio Lower Upper
59 100
57 21.6 0.0 0.0#



#16
Acetone
Concen: 4.708 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW008124.D
Acq: 10 Jan 2019 02:18

Tgt Ion: 43 Resp: 3425
Ion Ratio Lower Upper
43 100
58 31.7 27.5 41.3



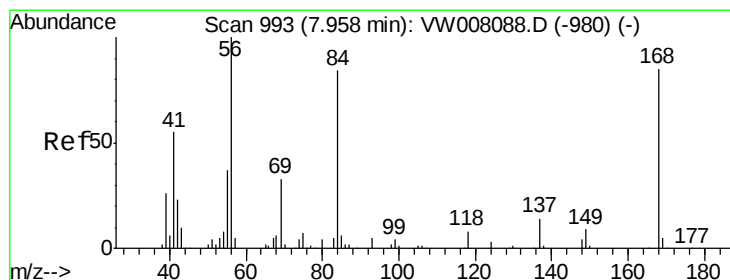
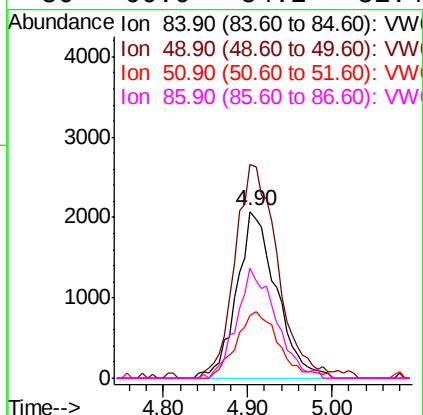
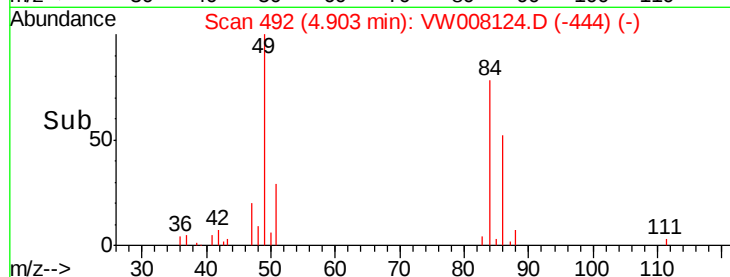
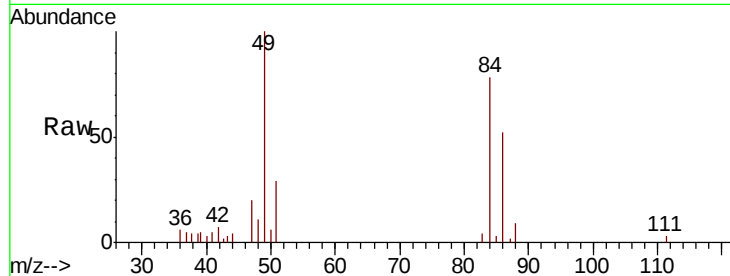


#20
Methylene Chloride
Concen: 4.593 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008124.D
Acq: 10 Jan 2019 02:18

Instrument :
MSVOA_W
ClientSampled :
HD-02-010819

Tgt Ion: 84 Resp: 6602

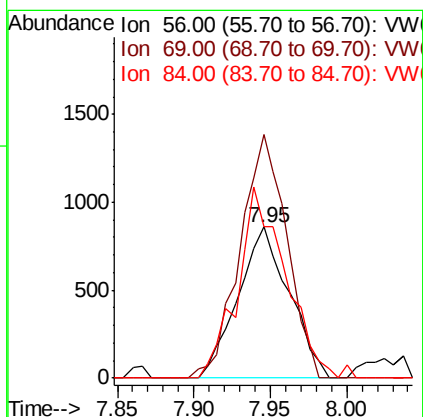
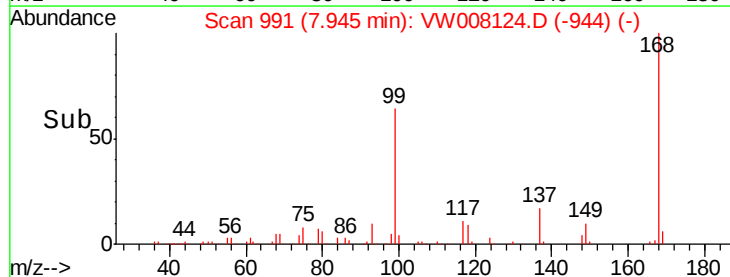
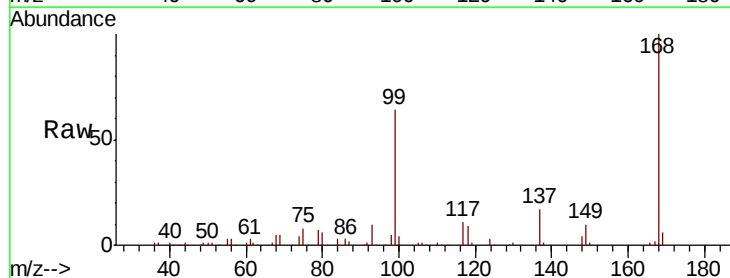
Ion	Ratio	Lower	Upper
84	100		
49	127.9	107.1	160.7
51	37.3	32.4	48.6
86	66.0	54.2	81.4

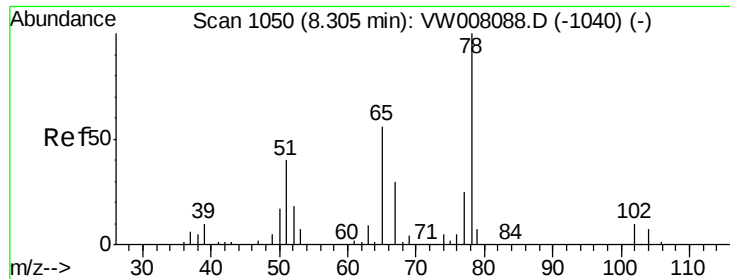


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008124.D
Acq: 10 Jan 2019 02:18

Tgt Ion: 56 Resp: 1997

Ion	Ratio	Lower	Upper
56	100		
69	161.4	26.2	39.4#
84	100.6	67.4	101.2

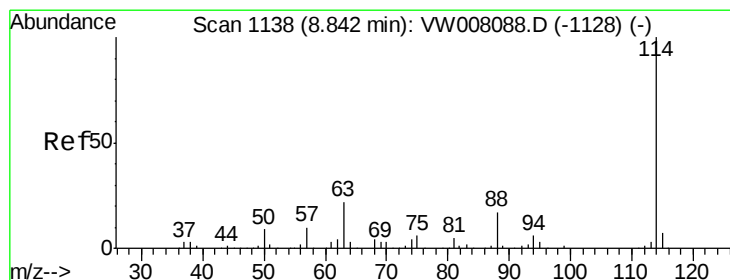
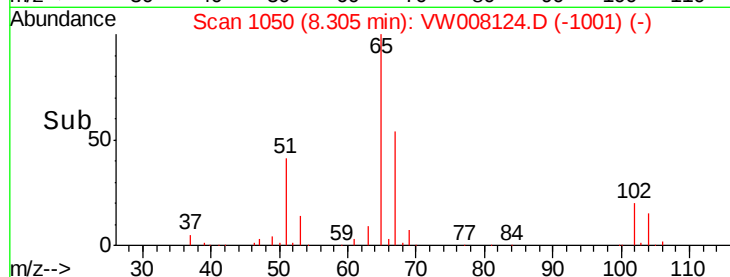
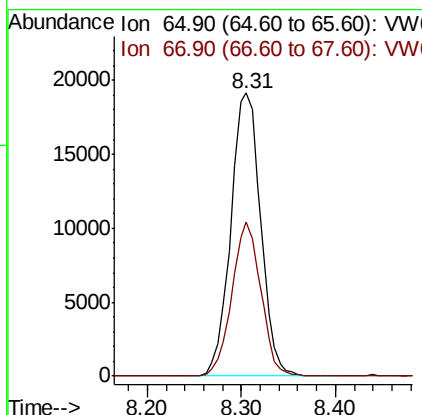
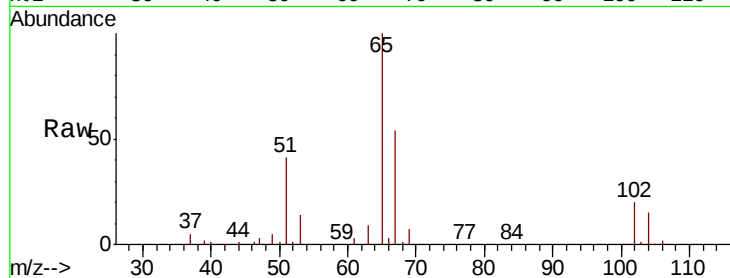




#33
 1,2-Dichloroethane-d4
 Concen: 56.342 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008124.D
 Acq: 10 Jan 2019 02:18

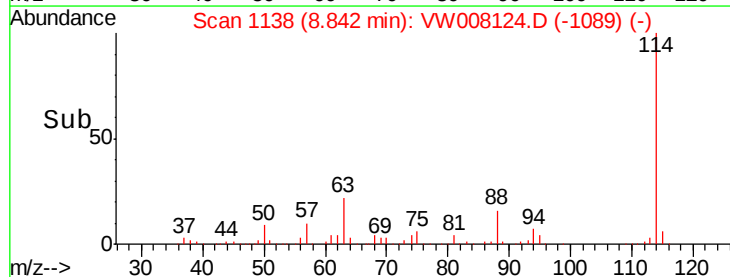
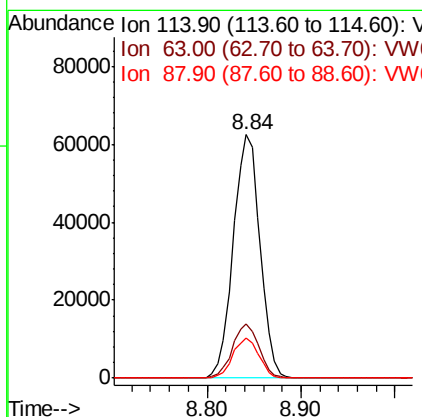
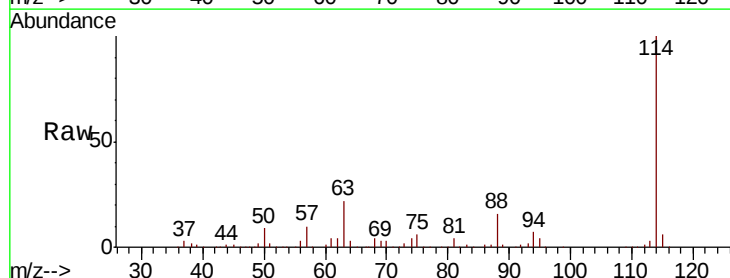
Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-010819

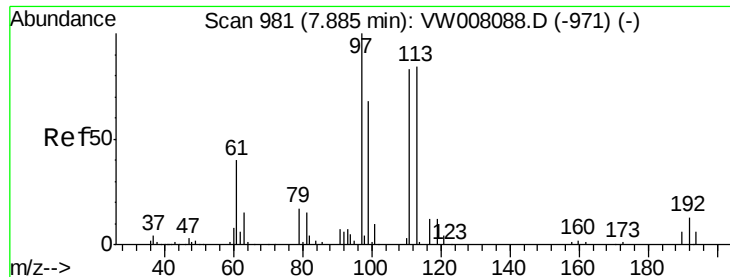
Tgt Ion: 65 Resp: 42167
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008124.D
 Acq: 10 Jan 2019 02:18

Tgt Ion: 114 Resp: 122749
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.4
 88 16.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.992 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008124.D

Acq: 10 Jan 2019 02:18

Instrument :

MSVOA_W

ClientSampleId :

HD-02-010819

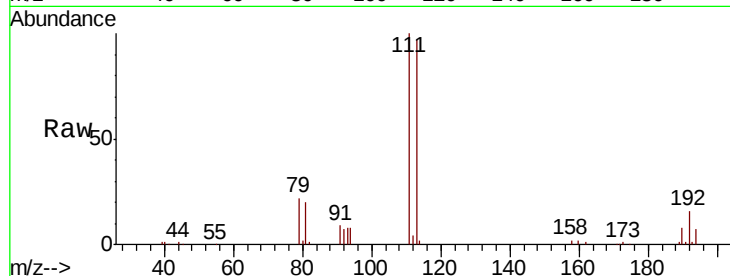
Tgt Ion:113 Resp: 37938

Ion Ratio Lower Upper

113 100

111 105.1 81.8 122.8

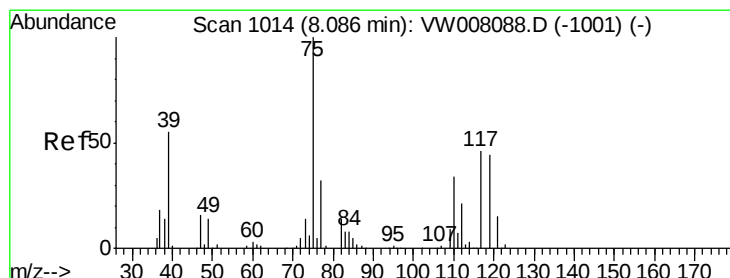
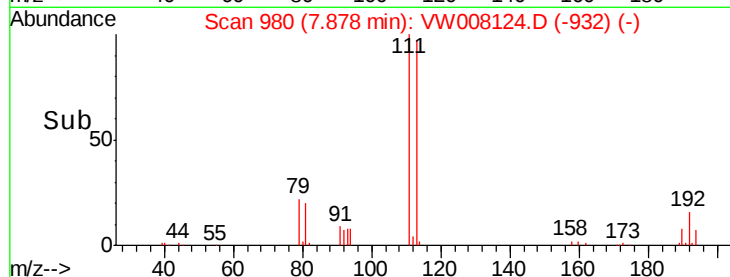
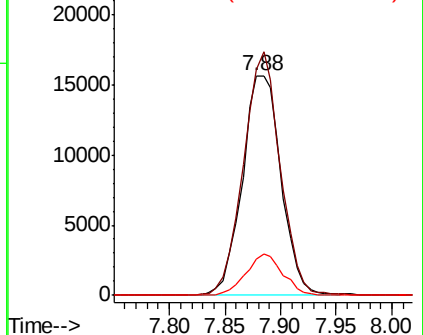
192 17.6 12.8 19.2



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: 4.608 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW008124.D

Acq: 10 Jan 2019 02:18

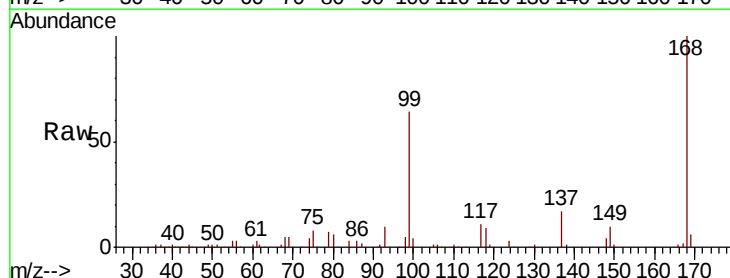
Tgt Ion: 75 Resp: 5826

Ion Ratio Lower Upper

75 100

110 9.1 17.1 51.3#

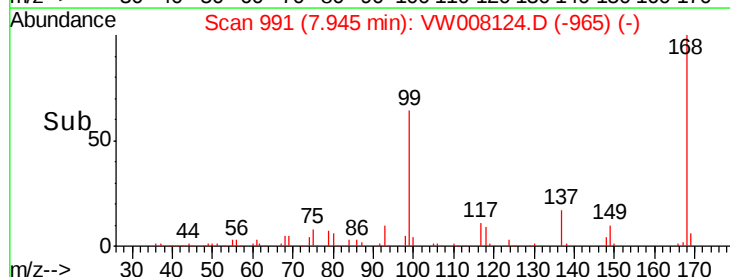
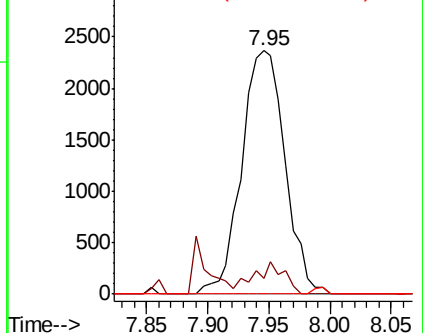
77 0.0 25.5 38.3#

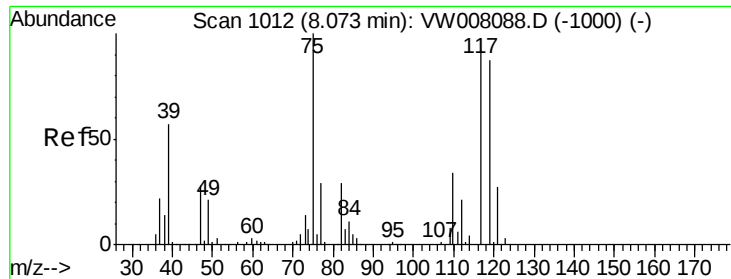


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

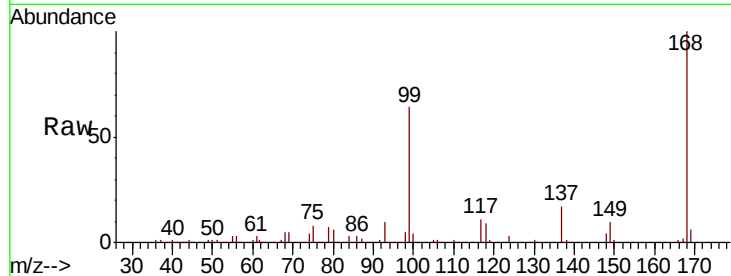




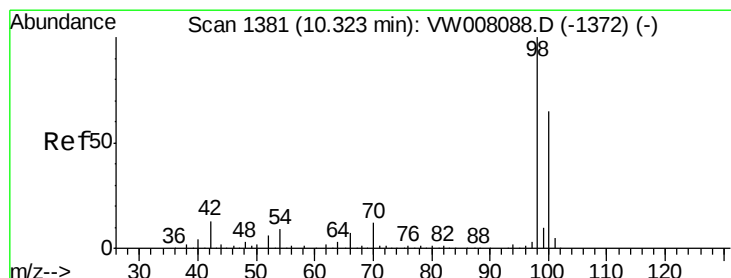
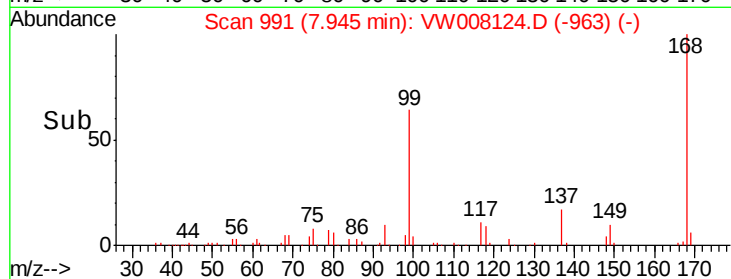
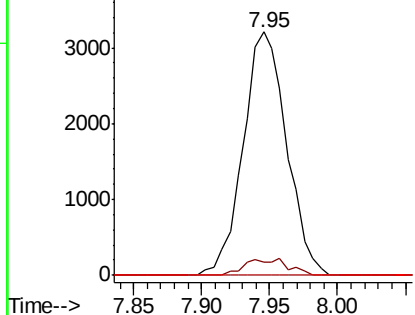
#38
Carbon Tetrachloride
Concen: 6.186 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008124.D
Acq: 10 Jan 2019 02:18

Instrument :
MSVOA_W
ClientSampleId :
HD-02-010819

Tgt Ion: 117 Resp: 7159
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 23.7 35.5#

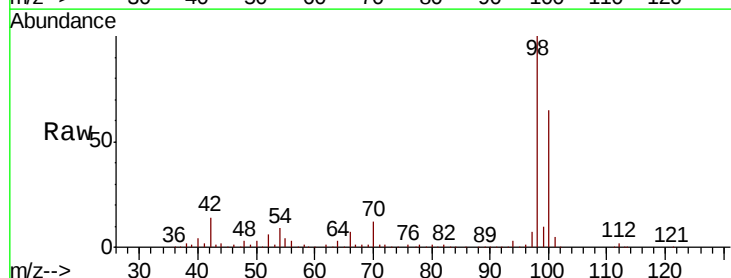


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

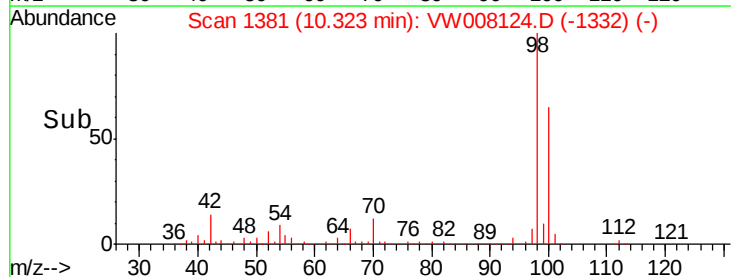
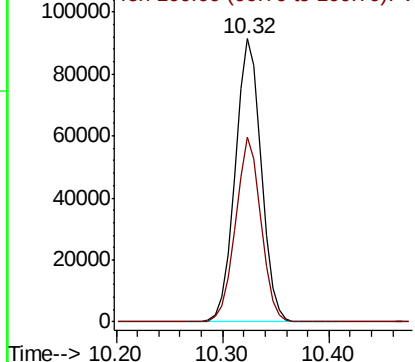


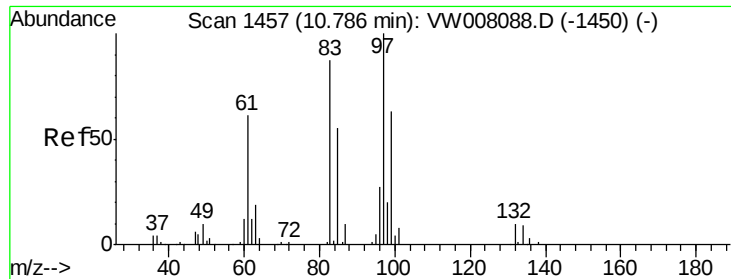
#50
Toluene-d8
Concen: 52.183 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008124.D
Acq: 10 Jan 2019 02:18

Tgt Ion: 98 Resp: 156772
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



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

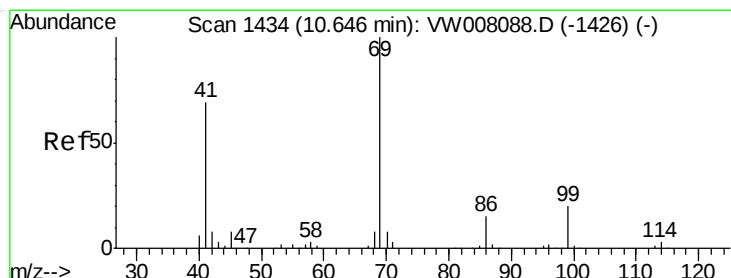
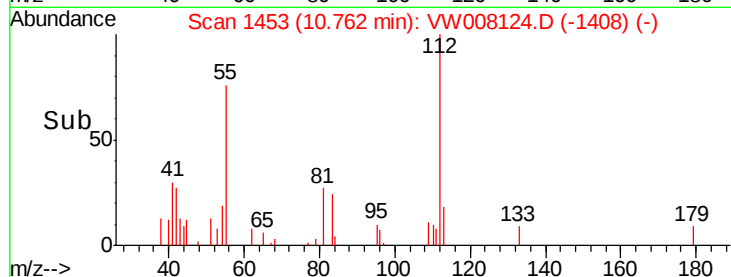
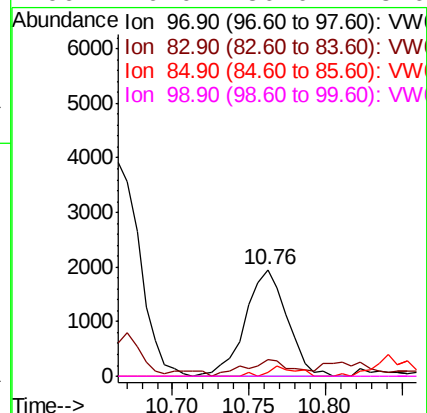
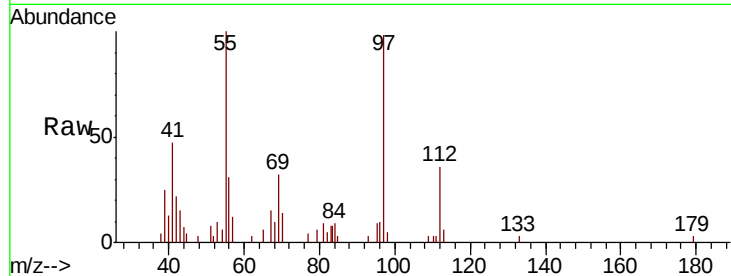




#55
1,1,2-Trichloroethane
Concen: 6.327 ug/l
RT: 10.76 min Scan# 1453
Delta R.T. -0.02 min
Lab File: VW008124.D
Acq: 10 Jan 2019 02:18

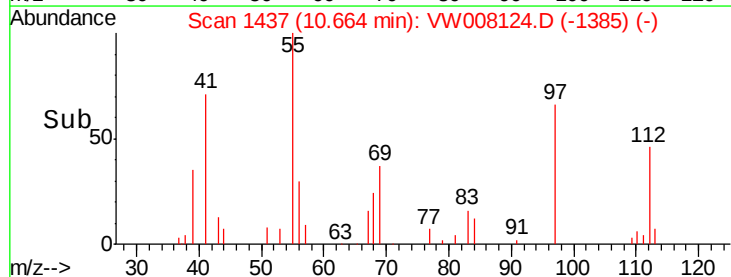
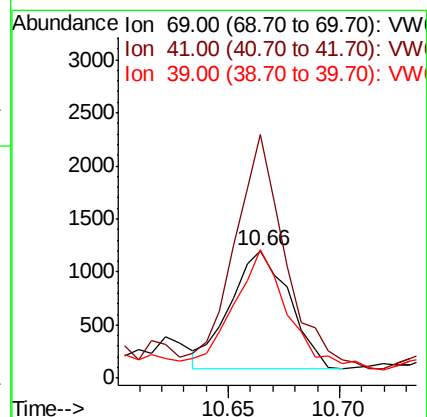
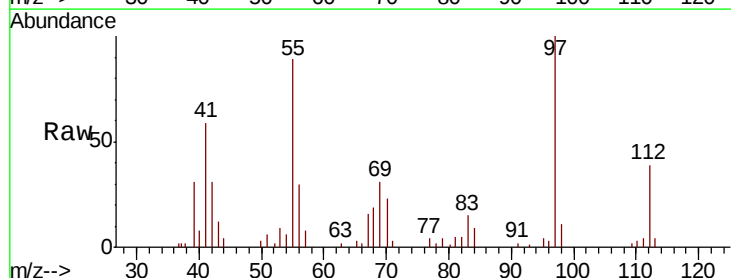
Instrument :
MSVOA_W
ClientSampleId :
HD-02-010819

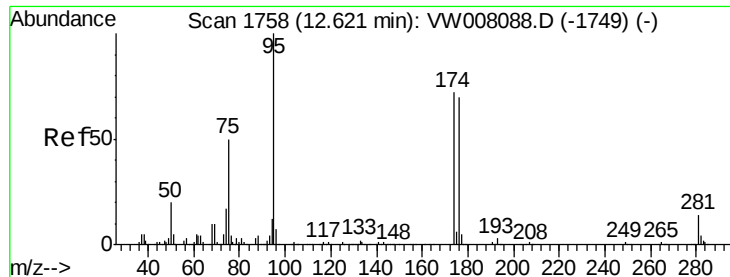
Tgt Ion: 97 Resp: 3710
Ion Ratio Lower Upper
97 100
83 11.6 69.3 103.9#
85 3.6 43.8 65.6#
99 0.0 50.0 75.0#



#56
Ethyl methacrylate
Concen: 2.811 ug/l
RT: 10.66 min Scan# 1437
Delta R.T. 0.02 min
Lab File: VW008124.D
Acq: 10 Jan 2019 02:18

Tgt Ion: 69 Resp: 2041
Ion Ratio Lower Upper
69 100
41 175.0 56.4 84.6#
39 96.7 28.1 42.1#

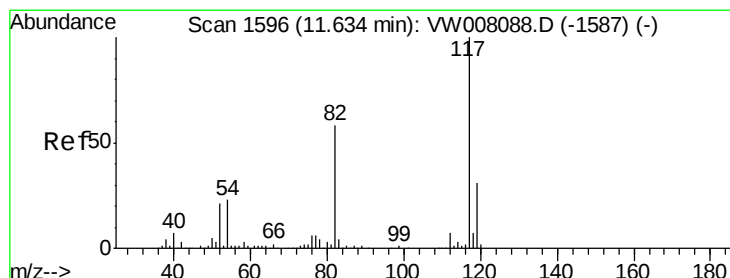
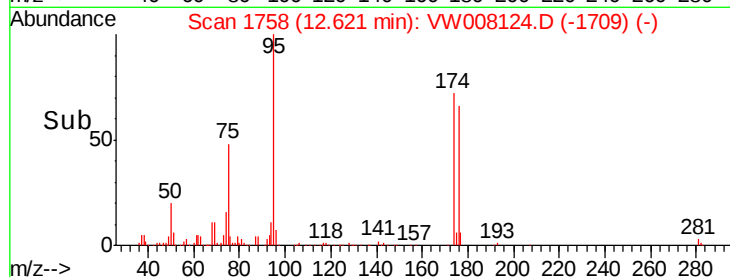
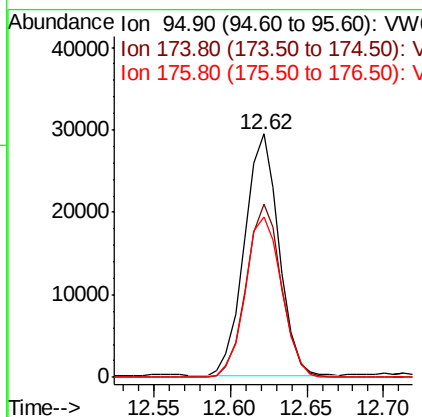
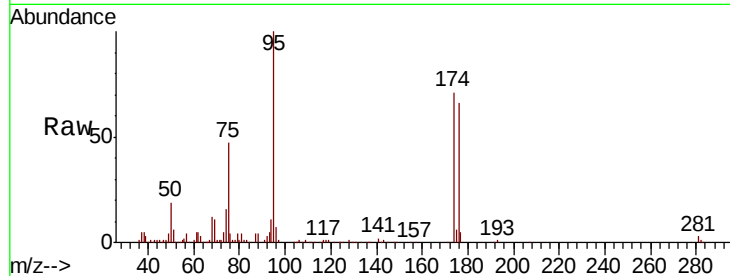




#62
4-Bromofluorobenzene
Concen: 42.570 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008124.D
Acq: 10 Jan 2019 02:18

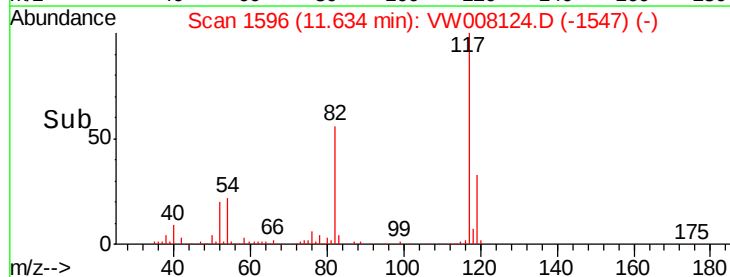
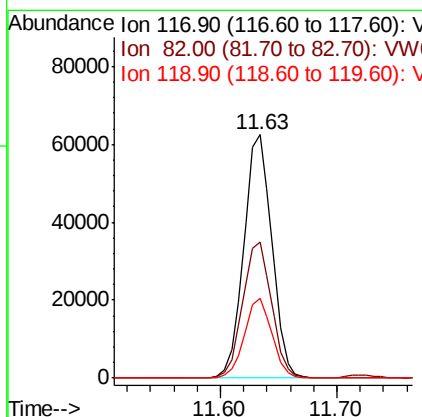
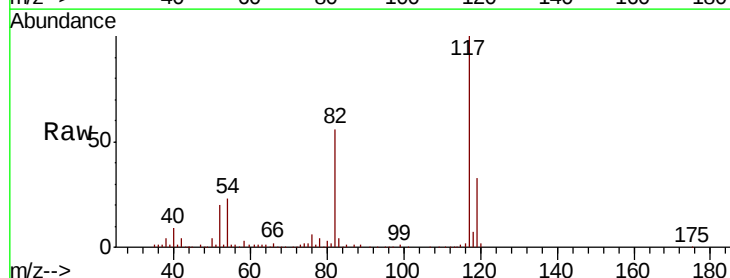
Instrument :
MSVOA_W
ClientSampleId :
HD-02-010819

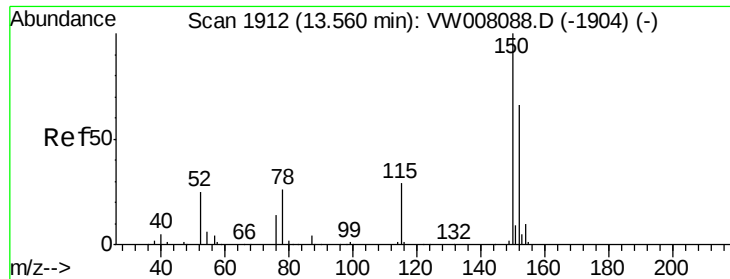
Tgt Ion: 95 Resp: 45849
Ion Ratio Lower Upper
95 100
174 72.7 0.0 143.0
176 70.2 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008124.D
Acq: 10 Jan 2019 02:18

Tgt Ion: 117 Resp: 105330
Ion Ratio Lower Upper
117 100
82 55.8 46.4 69.6
119 32.9 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008124.D

Acq: 10 Jan 2019 02:18

Instrument :

MSVOA_W

ClientSampleId :

HD-02-010819

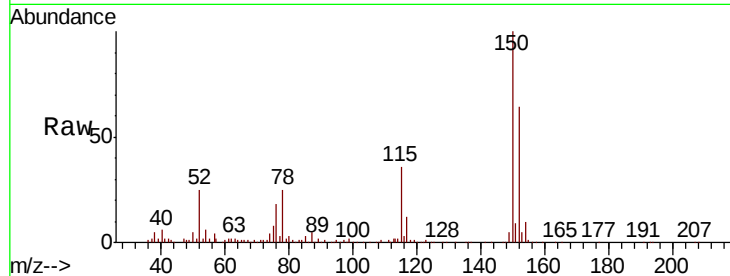
Tgt Ion:152 Resp: 37218

Ion Ratio Lower Upper

152 100

115 60.9 30.8 92.4

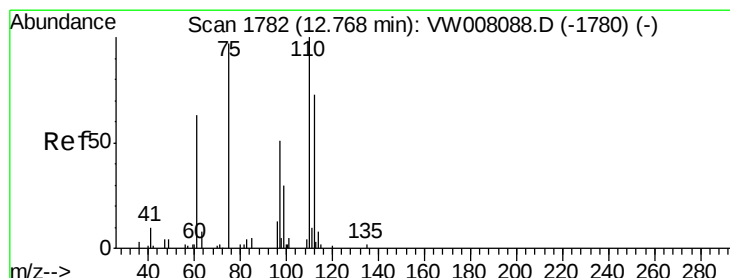
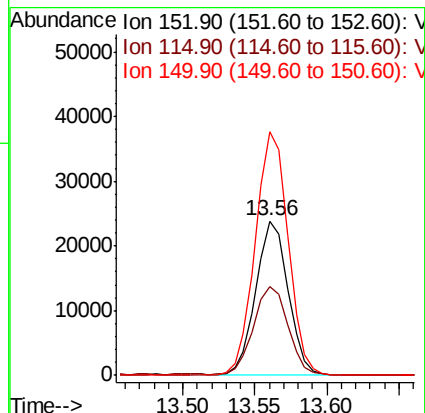
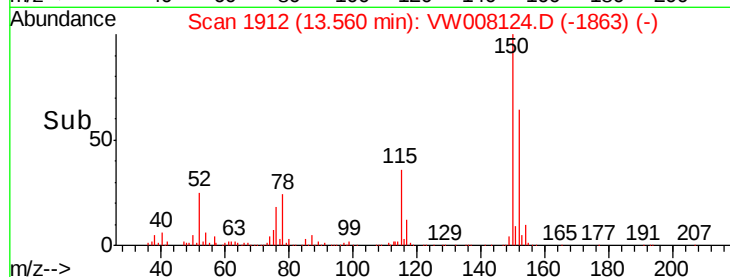
150 159.3 0.0 350.2



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: 69.282 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008124.D

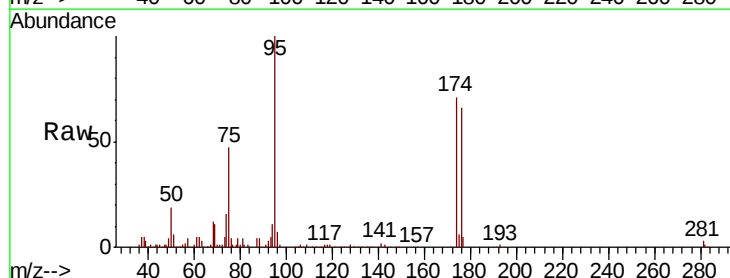
Acq: 10 Jan 2019 02:18

Tgt Ion: 75 Resp: 23506

Ion Ratio Lower Upper

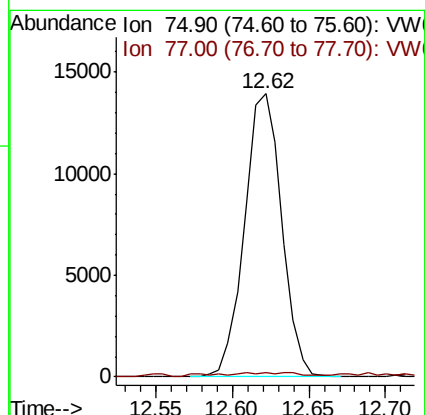
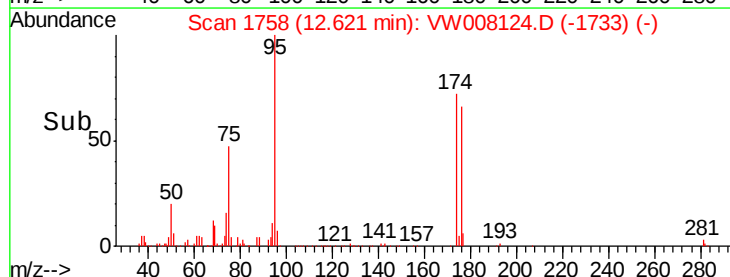
75 100

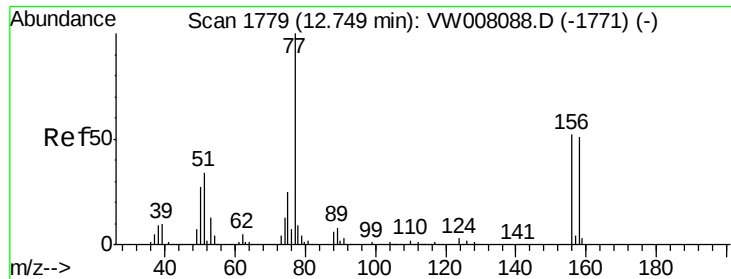
77 1.6 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 6.213 ug/l

RT: 12.93 min Scan# 1808

Delta R.T. 0.18 min

Lab File: VW008124.D

Acq: 10 Jan 2019 02:18

Instrument :

MSVOA_W

ClientSampled :

HD-02-010819

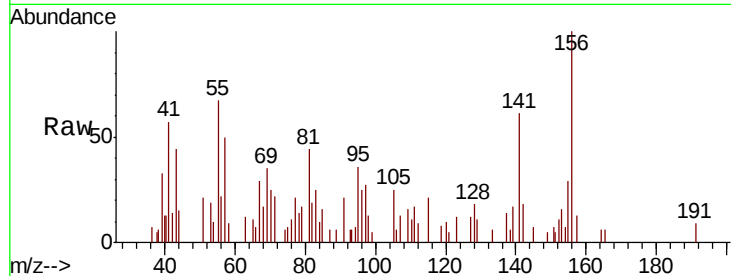
Tgt Ion:156 Resp: 3836

Ion Ratio Lower Upper

156 100

77 0.0 104.2 312.5#

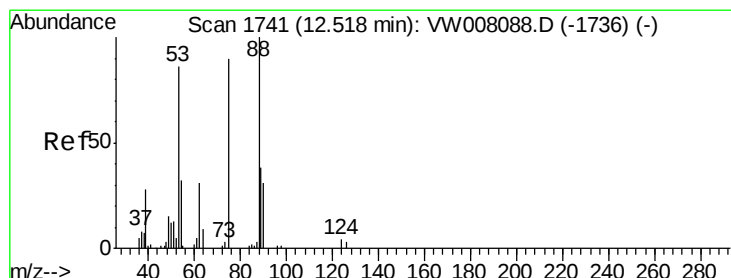
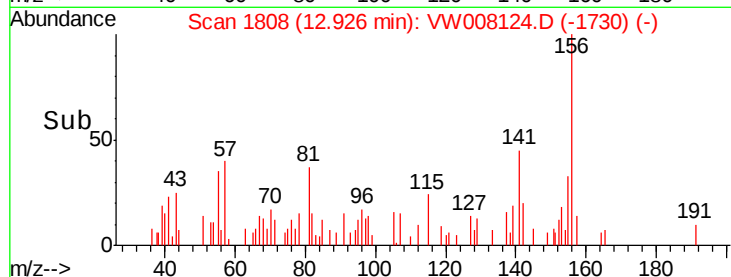
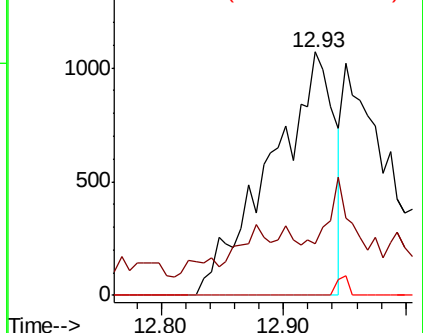
158 0.0 47.9 143.6#



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



#81

trans-1,4-Dichloro-2-butene

Concen: 161.335 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008124.D

Acq: 10 Jan 2019 02:18

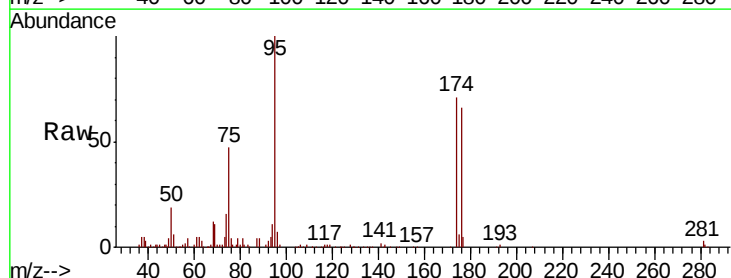
Tgt Ion: 75 Resp: 23506

Ion Ratio Lower Upper

75 100

53 0.6 78.8 118.2#

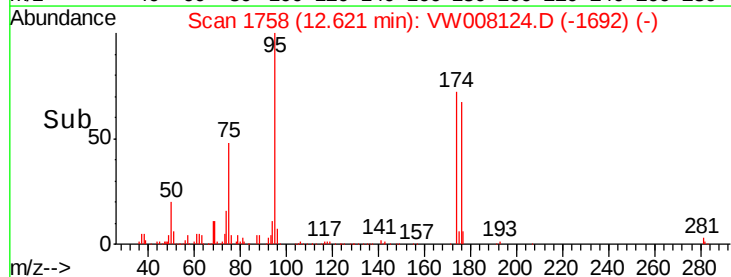
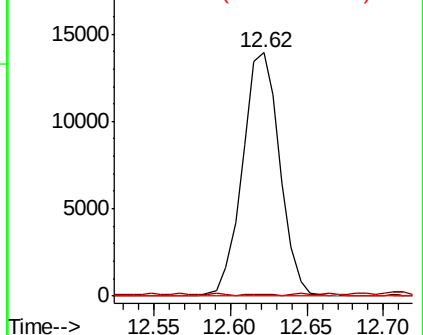
89 0.0 35.4 53.2#

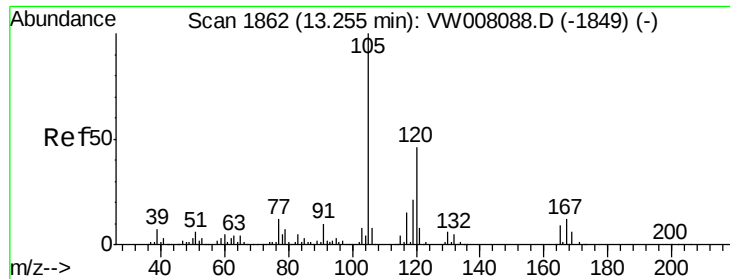


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

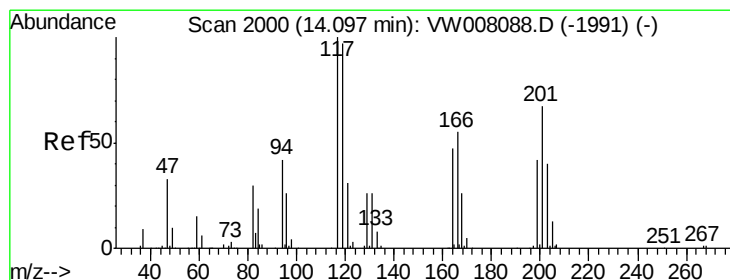
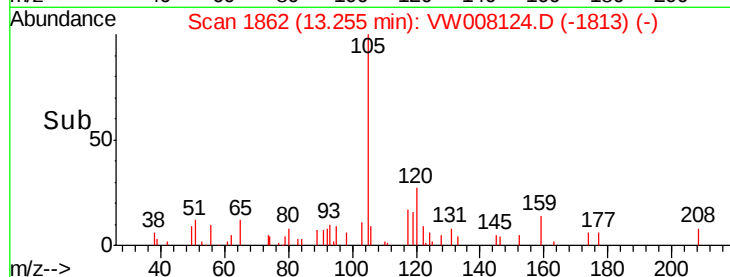
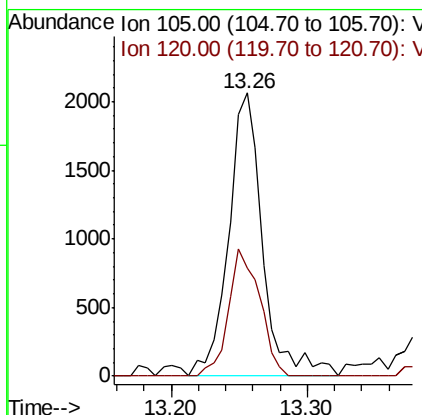
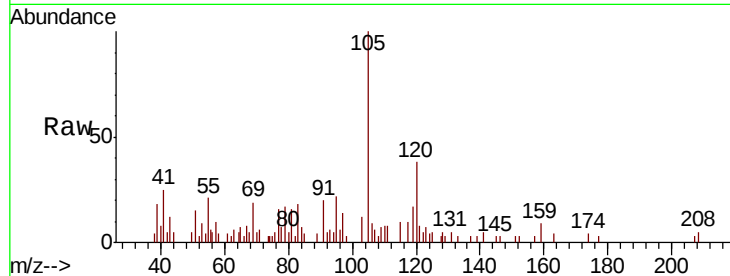




#84
 1,2,4-Trimethylbenzene
 Concen: 1.450 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008124.D
 Acq: 10 Jan 2019 02:18

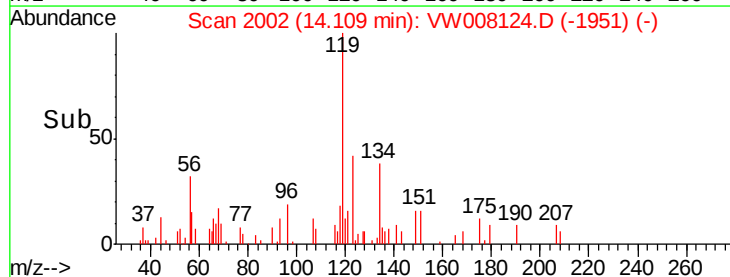
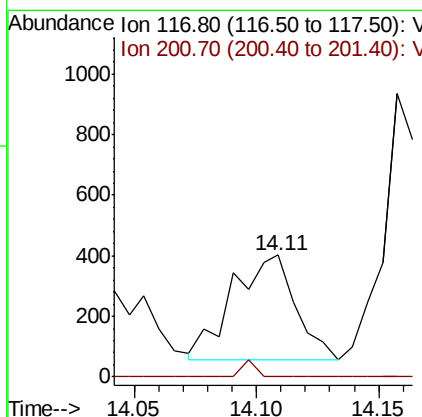
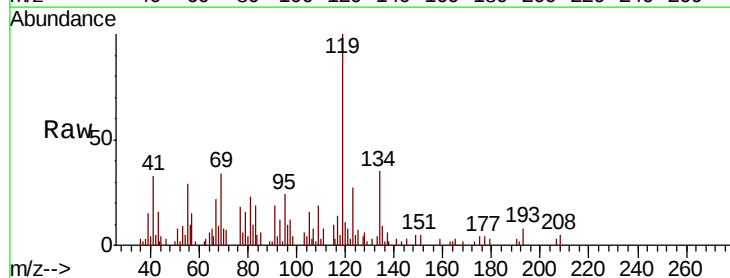
Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-010819

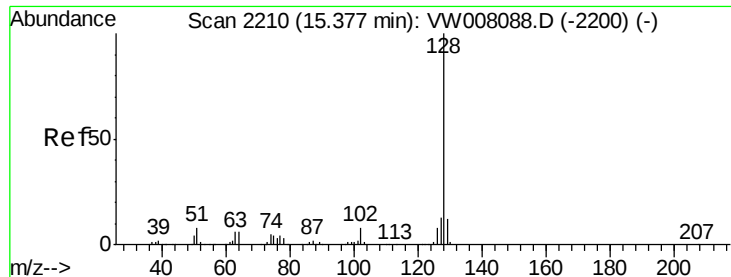
Tgt Ion:105 Resp: 3592
 Ion Ratio Lower Upper
 105 100
 120 41.2 22.7 68.1



#90
 Hexachloroethane
 Concen: 1.364 ug/l
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: VW008124.D
 Acq: 10 Jan 2019 02:18

Tgt Ion:117 Resp: 619
 Ion Ratio Lower Upper
 117 100
 201 3.4 33.0 98.9#

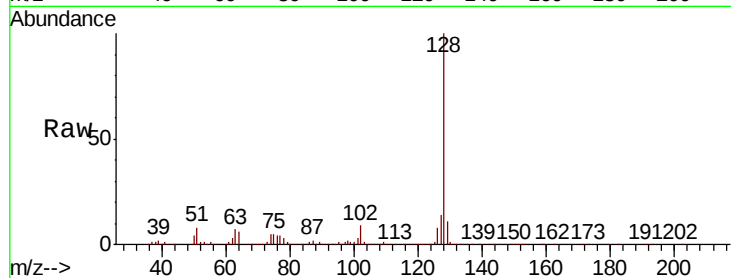




#95
Naphthalene
Concen: 134.377 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008124.D
Acq: 10 Jan 2019 02:18

Instrument :
MSVOA_W
ClientSampleId :
HD-02-010819

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.4
129	11.4	9.0	13.6



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

