

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082119\
 Data File : VW012081.D
 Acq On : 21 Aug 2019 20:18
 Operator : SY/VA
 Sample : K4403-02
 Misc : 7.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H1-(0)

Quant Time: Aug 22 05:18:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

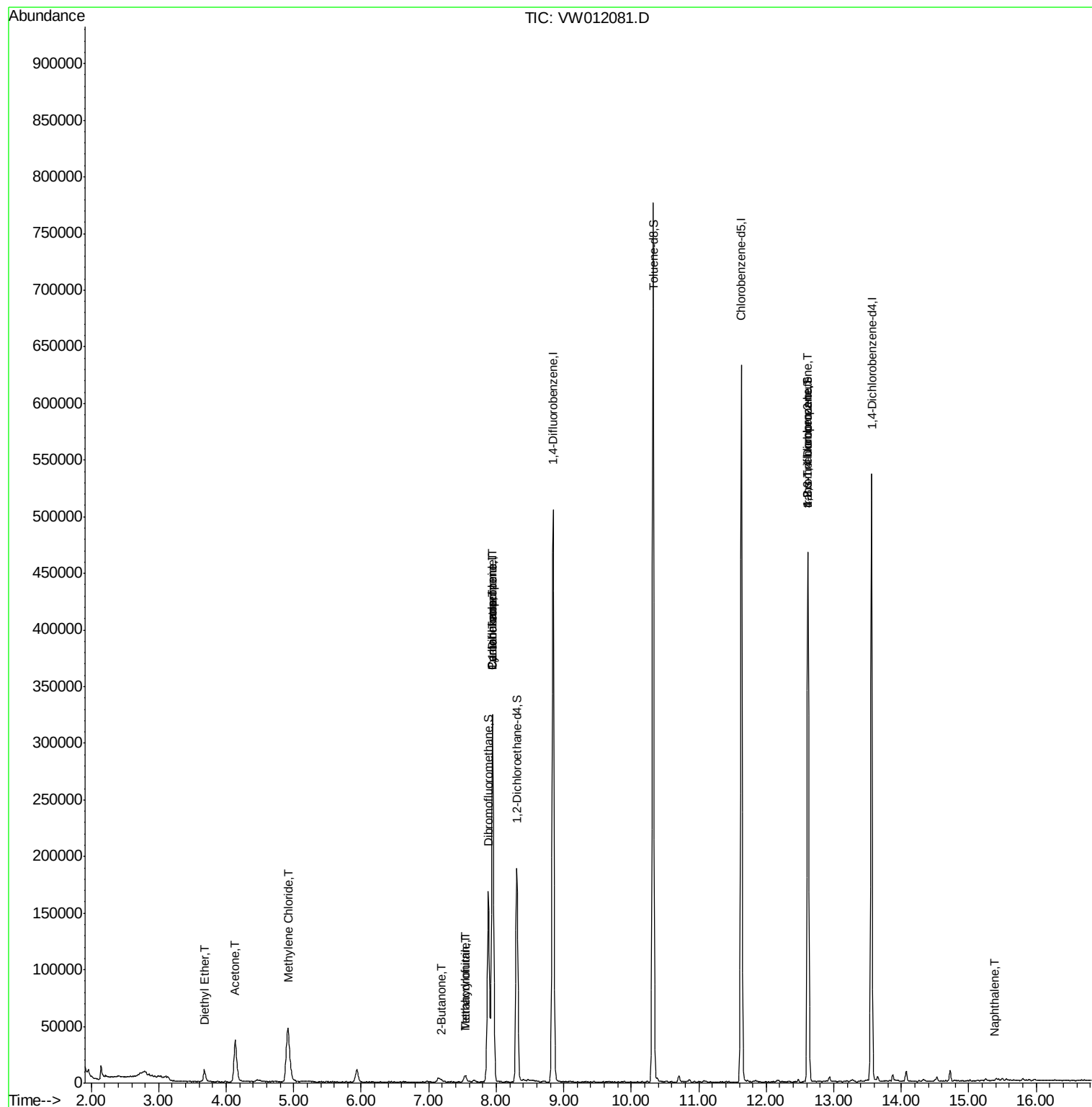
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147905	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
35) Dibromofluoromethane	7.88	113	119745	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
50) Toluene-d8	10.32	98	480124	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.62	95	155964	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	5055	3.619	ug/l	86
11) Tert butyl alcohol	5.19	59	281	Below Cal	#	29
16) Acetone	4.14	43	72334	83.589	ug/l	94
20) Methylene Chloride	4.92	84	38609	12.937	ug/l	97
25) 2-Butanone	7.19	43	1566	1.383	ug/l	99
29) Tetrahydrofuran	7.53	42	5351	8.267	ug/l	98
31) Cyclohexane	7.94	56	5932	1.166	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20120	4.905	ug/l #	51
38) Carbon Tetrachloride	7.95	117	24136	6.873	ug/l #	17
41) Methacrylonitrile	7.54	41	3490	2.474	ug/l #	53
76) 1,2,3-Trichloropropane	12.62	75	81551	58.479	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	81551	134.774	ug/l #	6
95) Naphthalene	15.38	128	373	2.135	ug/l #	69

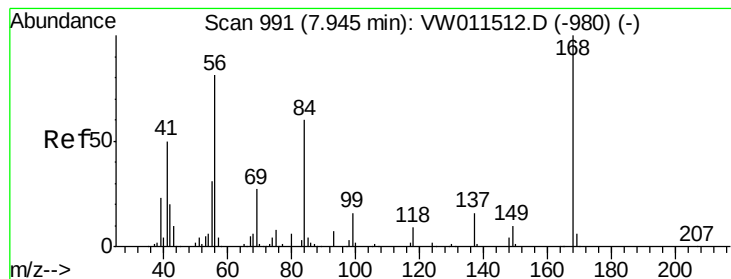
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082119\
Data File : VW012081.D
Acq On : 21 Aug 2019 20:18
Operator : SY/VA
Sample : K4403-02
Misc : 7.01G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(0)

Quant Time: Aug 22 05:18:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW012081.D

Acq: 21 Aug 2019 20:18

Instrument :

MSVOA_W

ClientSampleId :

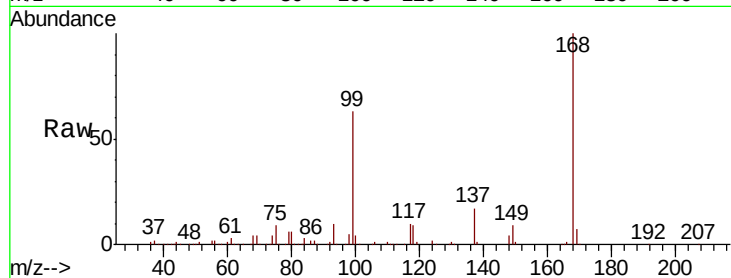
T1-H1-(0)

Tgt Ion:168 Resp: 236911

Ion Ratio Lower Upper

168 100

99 62.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

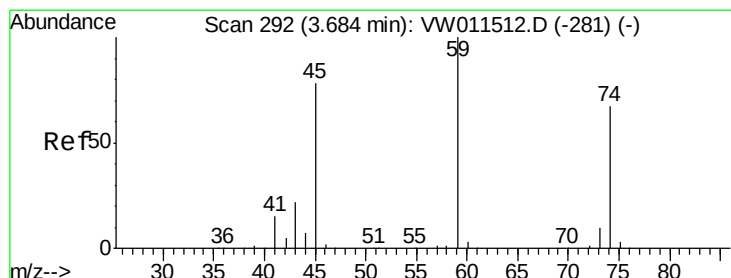
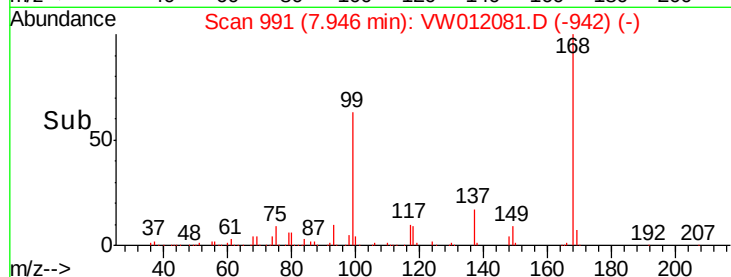
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 3.619 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW012081.D

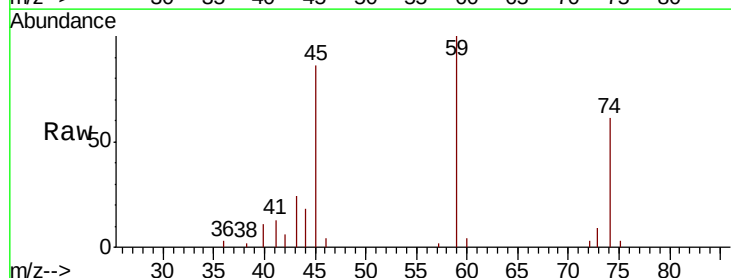
Acq: 21 Aug 2019 20:18

Tgt Ion: 74 Resp: 5055

Ion Ratio Lower Upper

74 100

45 134.3 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

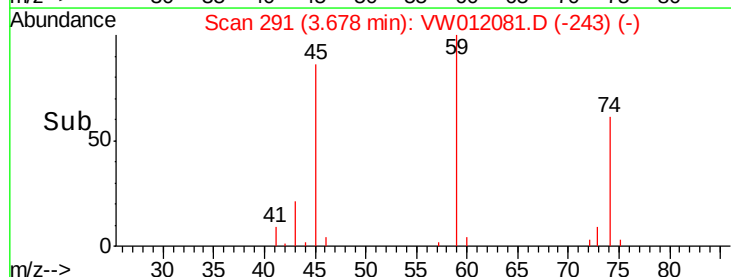
3000

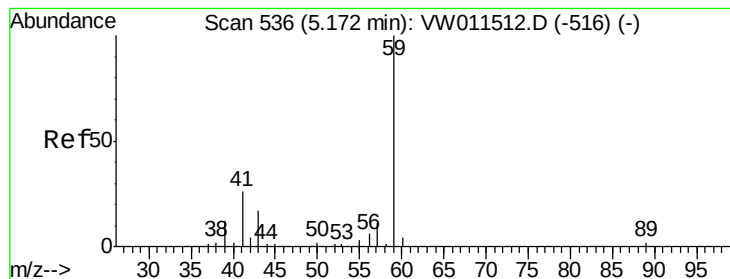
2000

1000

0

Time--> 3.60 3.65 3.70 3.75



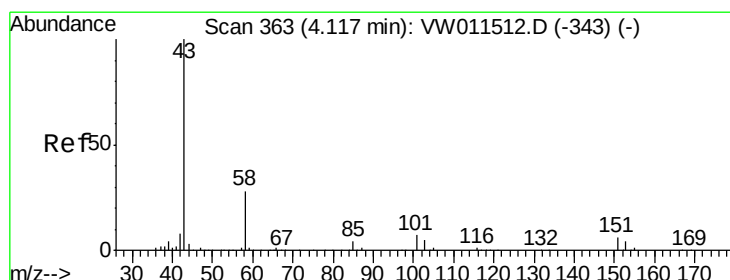
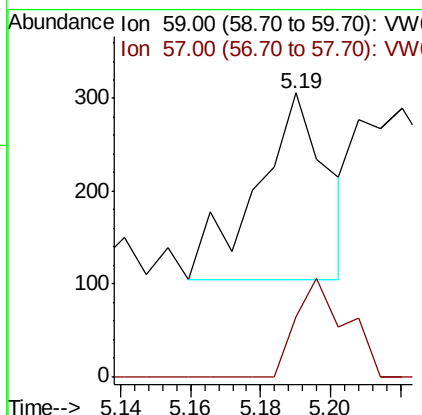
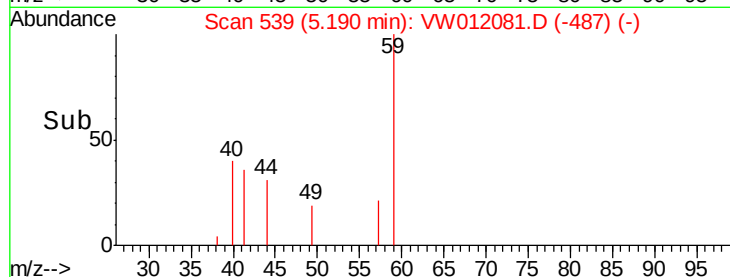
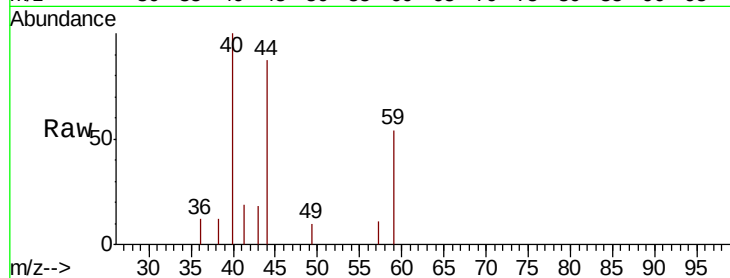


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW012081.D
Acq: 21 Aug 2019 20:18

Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(0)

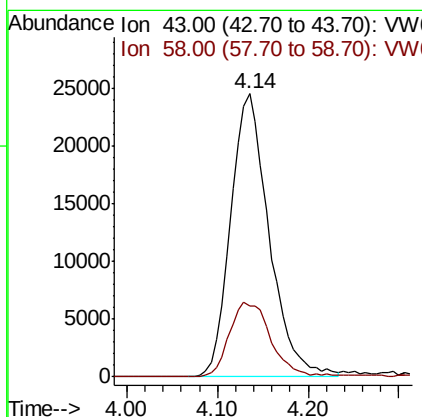
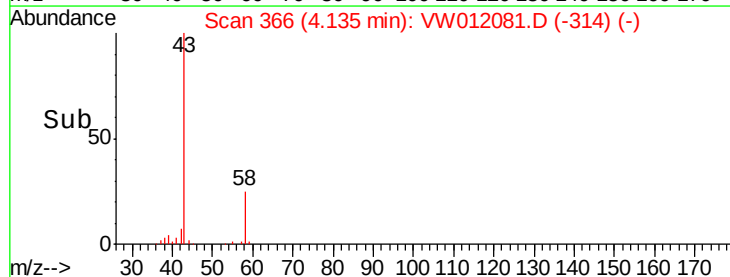
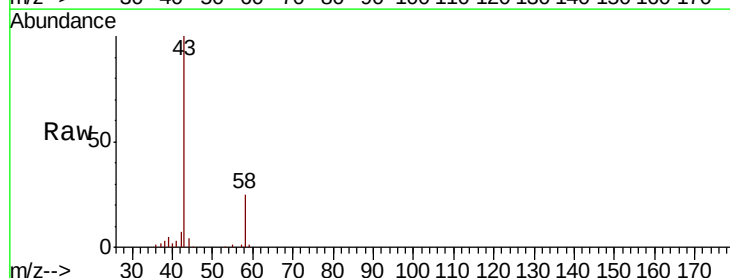
Tgt Ion: 59 Resp: 281
Ion Ratio Lower Upper
59 100
57 37.4 8.5 12.7#

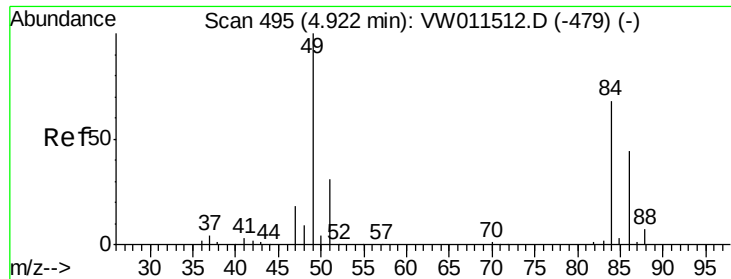


#16

Acetone
Concen: 83.589 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW012081.D
Acq: 21 Aug 2019 20:18

Tgt Ion: 43 Resp: 72334
Ion Ratio Lower Upper
43 100
58 25.0 22.3 33.5

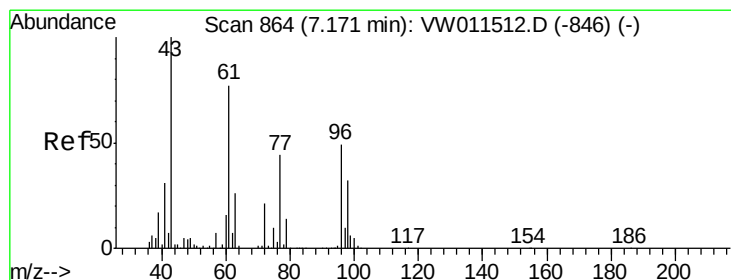
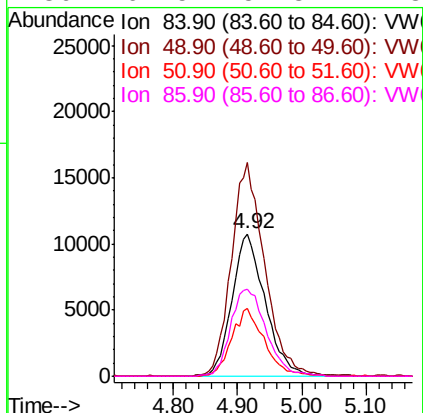
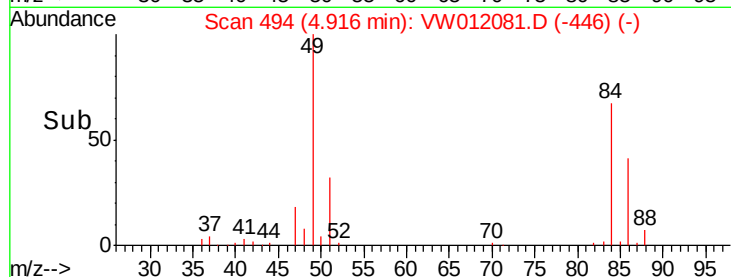
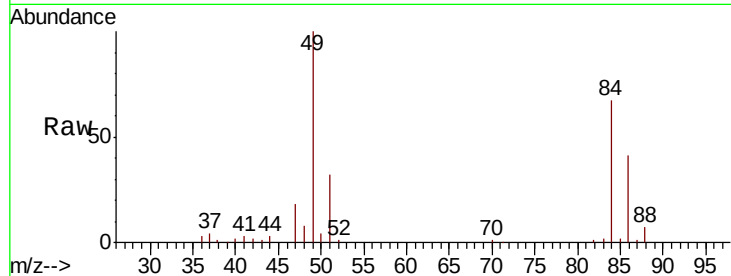




#20
Methylene Chloride
Concen: 12.937 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012081.D
Acq: 21 Aug 2019 20:18

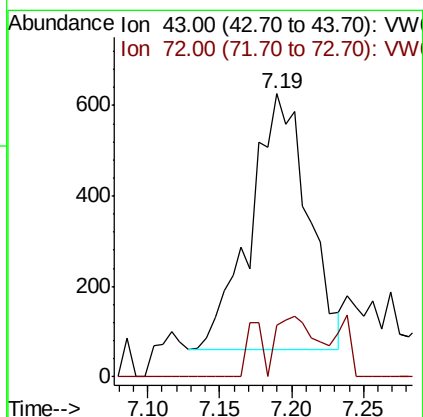
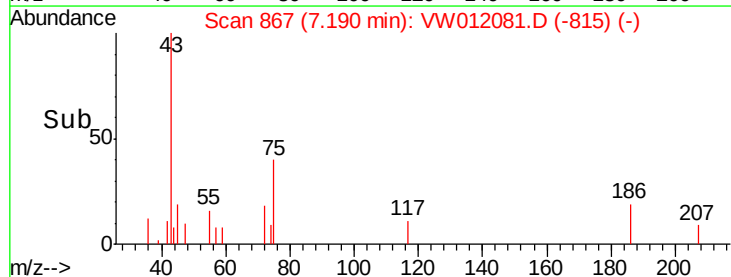
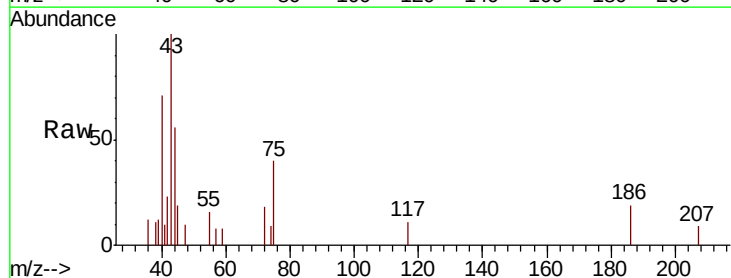
Instrument :
MSVOA_W
ClientSampled :
T1-H1-(0)

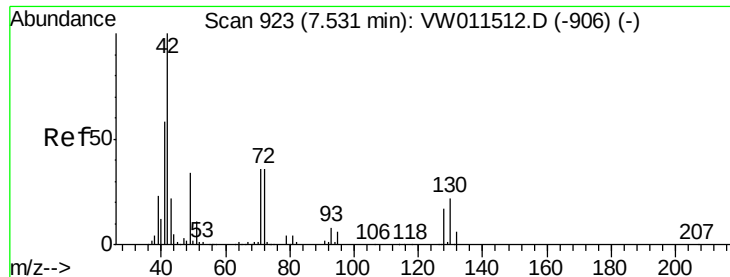
Tgt Ion:	84	Resp:	38609
Ion	Ratio	Lower	Upper
84	100		
49	150.2	117.8	176.6
51	48.1	37.0	55.4
86	61.5	51.8	77.8



#25
2-Butanone
Concen: 1.383 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW012081.D
Acq: 21 Aug 2019 20:18

Tgt Ion:	43	Resp:	1566
Ion	Ratio	Lower	Upper
43	100		
72	20.2	16.6	24.8

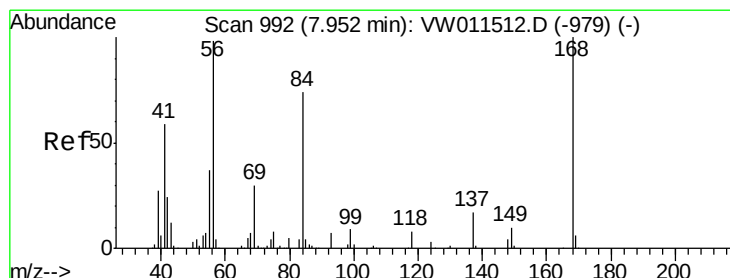
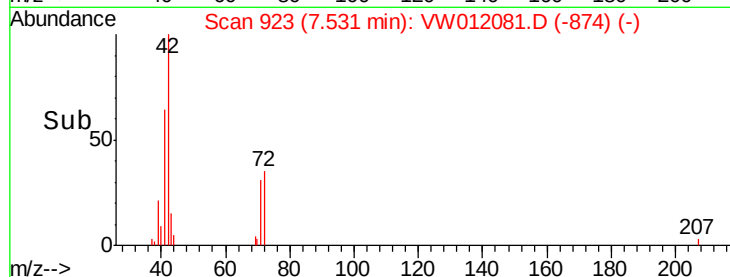
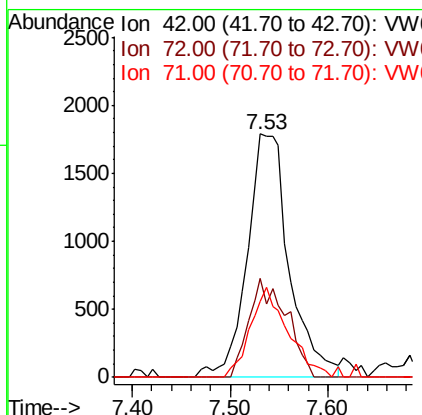
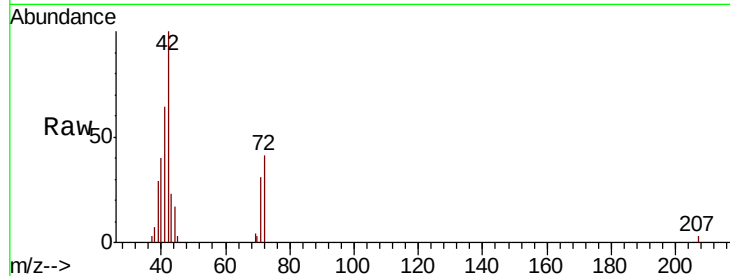




#29
Tetrahydrofuran
Concen: 8.267 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012081.D
Acq: 21 Aug 2019 20:18

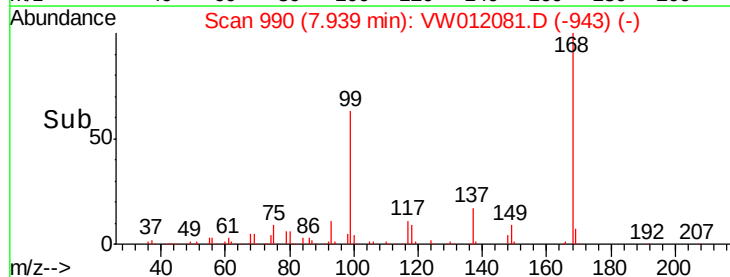
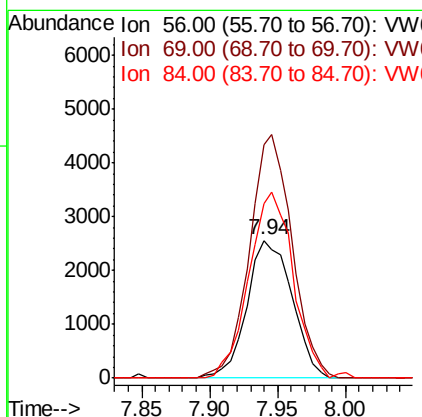
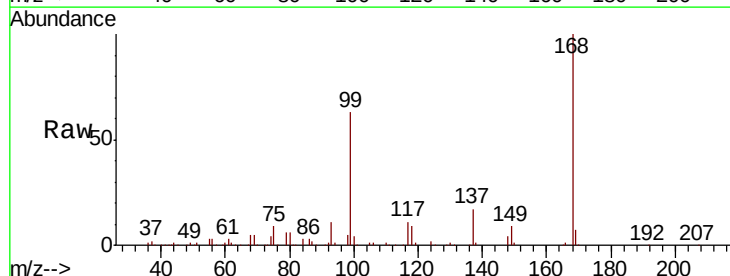
Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(0)

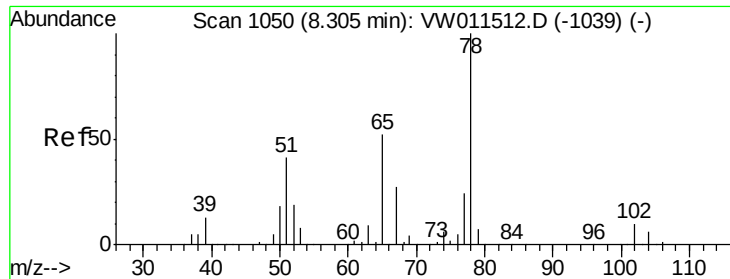
Tgt Ion: 42 Resp: 5351
Ion Ratio Lower Upper
42 100
72 36.1 27.1 40.7
71 33.0 26.2 39.4



#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW012081.D
Acq: 21 Aug 2019 20:18

Tgt Ion: 56 Resp: 5932
Ion Ratio Lower Upper
56 100
69 169.5 24.3 36.5#
84 127.2 60.4 90.6#

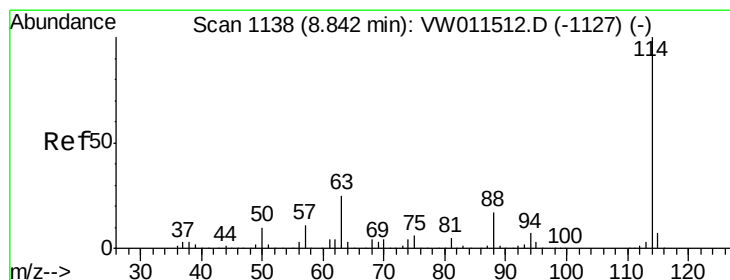
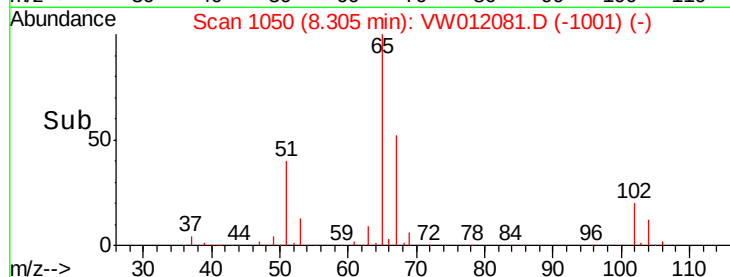
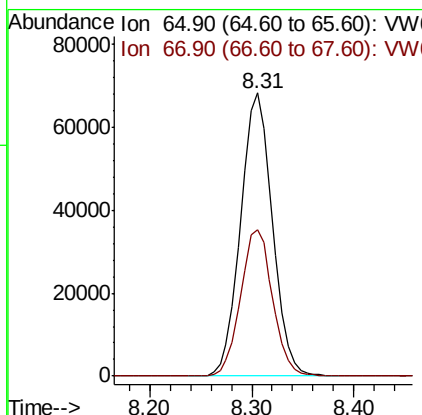
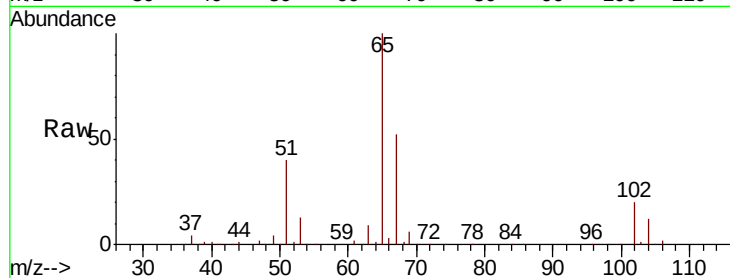




#33
 1,2-Dichloroethane-d4
 Concen: 54.369 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012081.D
 Acq: 21 Aug 2019 20:18

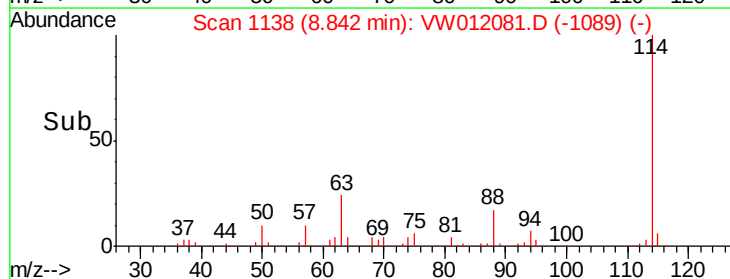
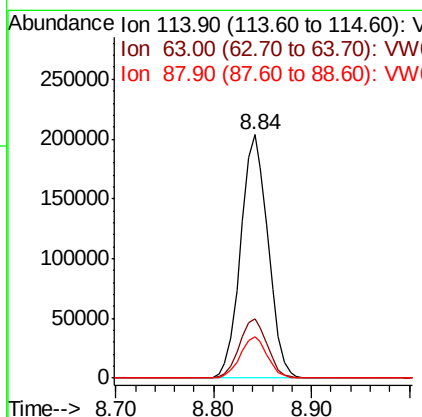
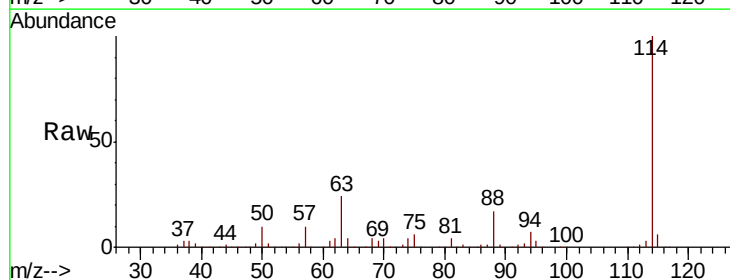
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H1-(0)

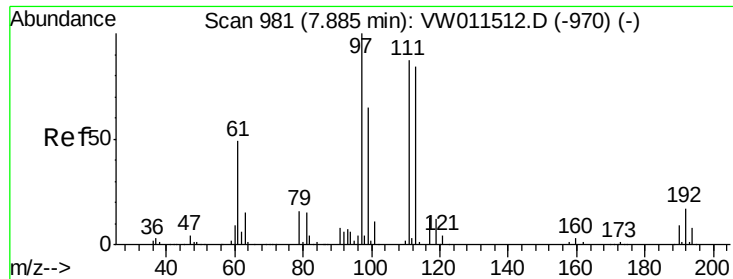
Tgt Ion: 65 Resp: 147905
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012081.D
 Acq: 21 Aug 2019 20:18

Tgt Ion: 114 Resp: 394494
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 17.1 0.0 33.8

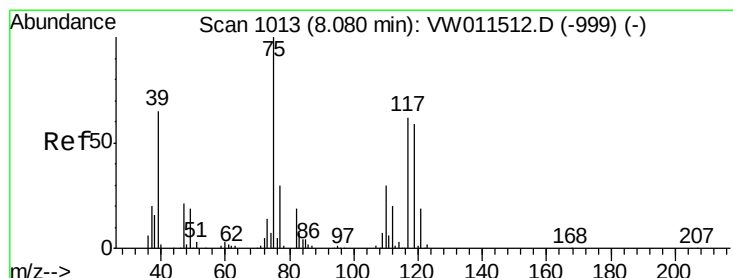
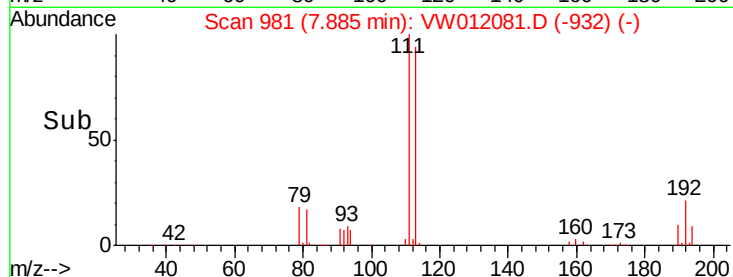
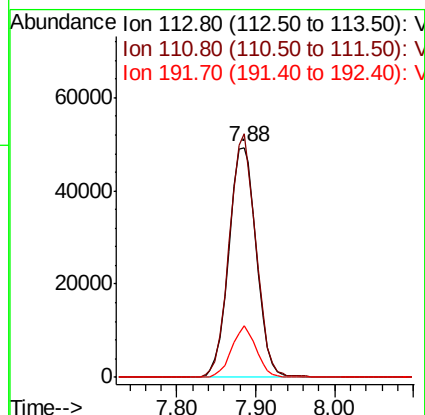
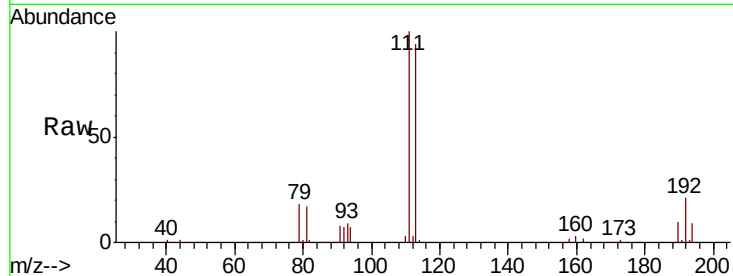




#35
 Dibromofluoromethane
 Concen: 54.105 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012081.D
 Acq: 21 Aug 2019 20:18

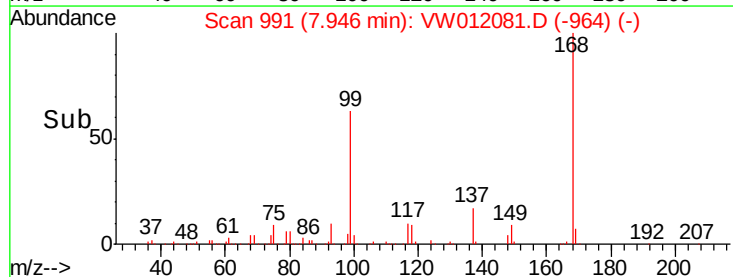
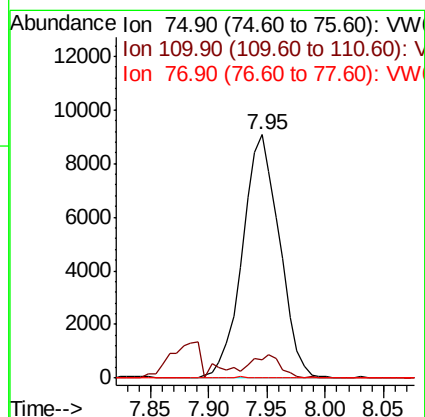
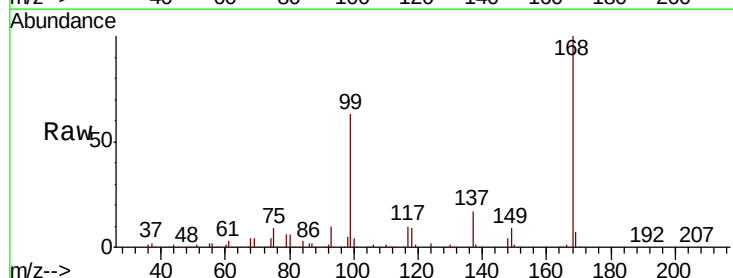
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H1-(0)

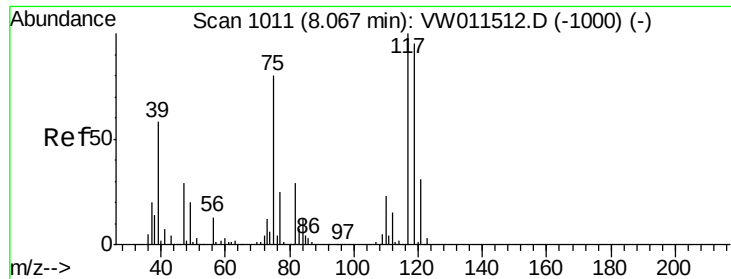
Tgt Ion:113 Resp: 119745
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.7 124.1
 192 20.1 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 4.905 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012081.D
 Acq: 21 Aug 2019 20:18

Tgt Ion: 75 Resp: 20120
 Ion Ratio Lower Upper
 75 100
 110 7.6 15.6 46.8#
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.873 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012081.D

Acq: 21 Aug 2019 20:18

Instrument :

MSVOA_W

ClientSampleId :

T1-H1-(0)

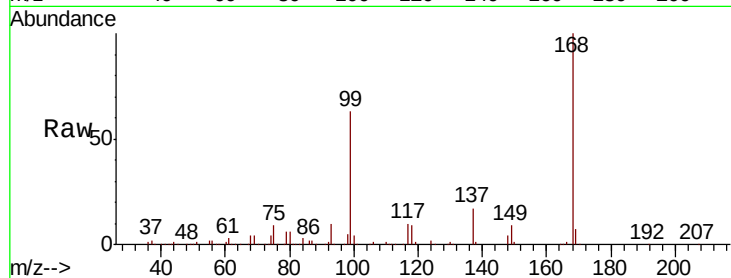
Tgt Ion:117 Resp: 24136

Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.6#

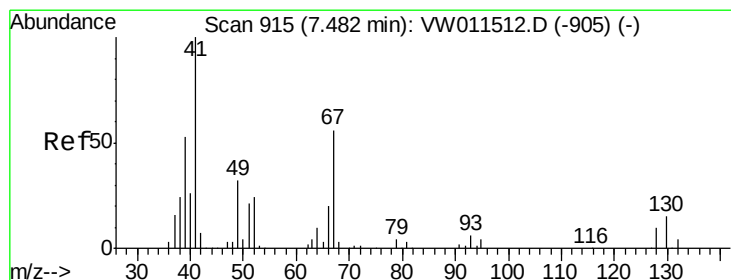
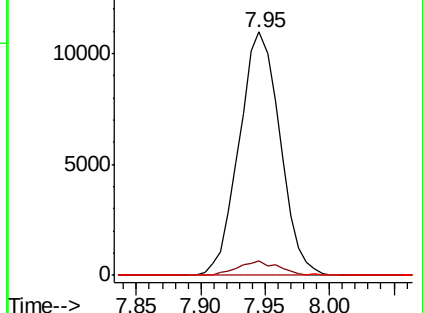
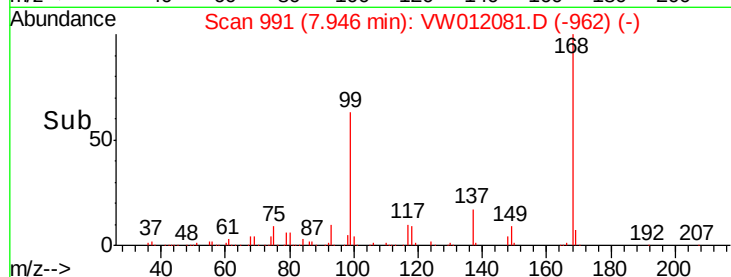
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 2.474 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.06 min

Lab File: VW012081.D

Acq: 21 Aug 2019 20:18

Tgt Ion: 41 Resp: 3490

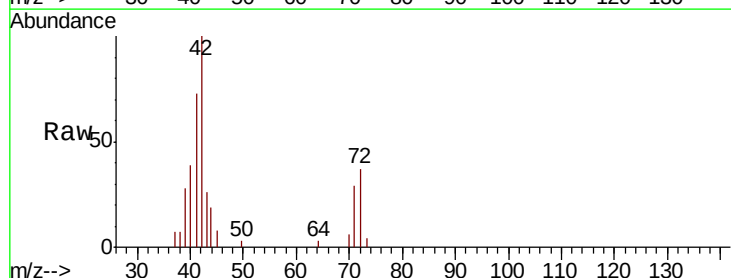
Ion Ratio Lower Upper

41 100

39 46.1 43.0 64.4

67 0.0 47.5 71.3#

52 0.0 21.0 31.6#

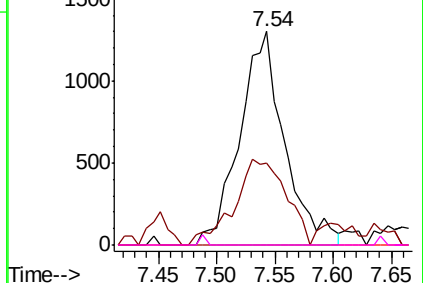
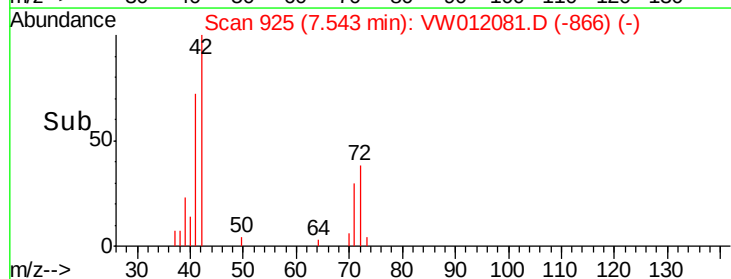


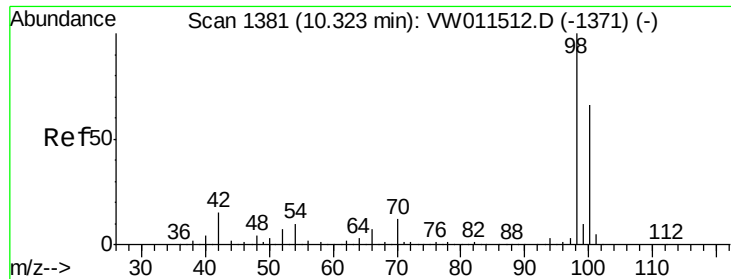
Abundance Ion 41.00 (40.70 to 41.70): VW

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





#50

Toluene-d8

Concen: 52.986 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012081.D

Acq: 21 Aug 2019 20:18

Instrument :

MSVOA_W

ClientSampleId :

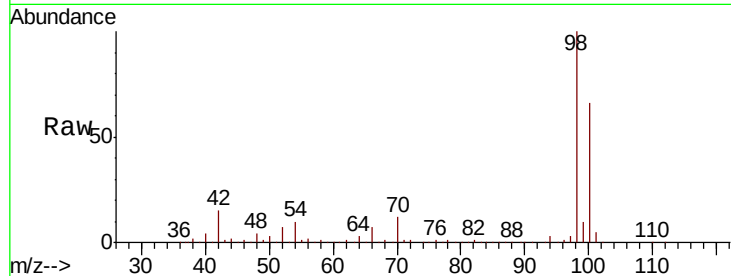
T1-H1-(0)

Tgt Ion: 98 Resp: 480124

Ion Ratio Lower Upper

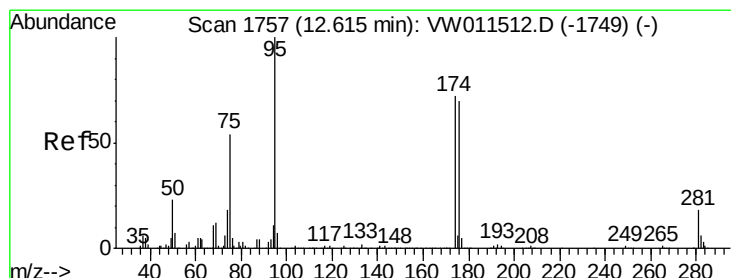
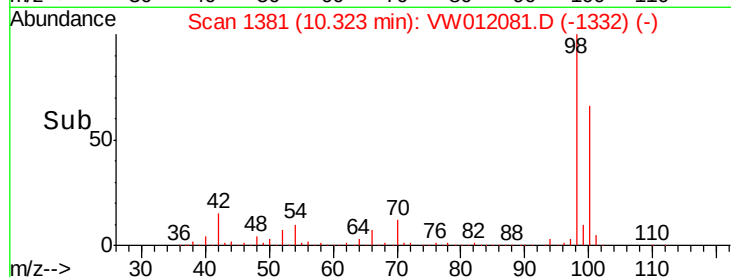
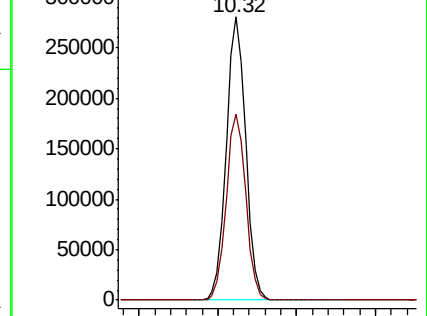
98 100

100 66.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 48.277 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012081.D

Acq: 21 Aug 2019 20:18

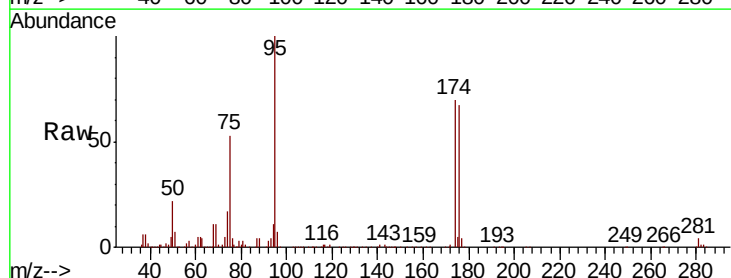
Tgt Ion: 95 Resp: 155964

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.2

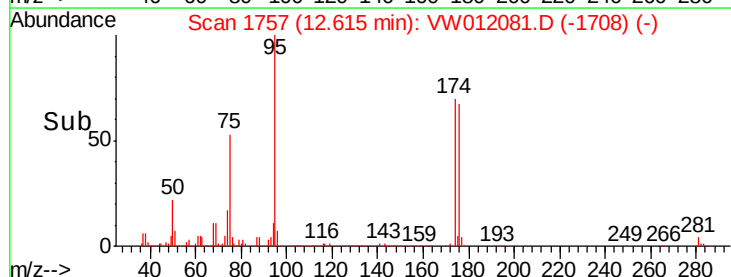
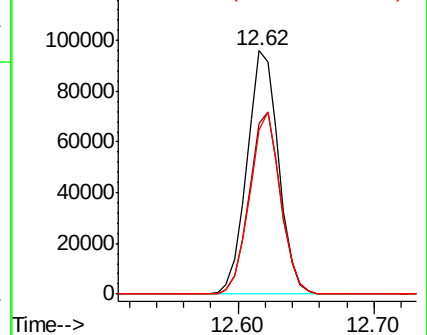
176 73.0 0.0 144.4

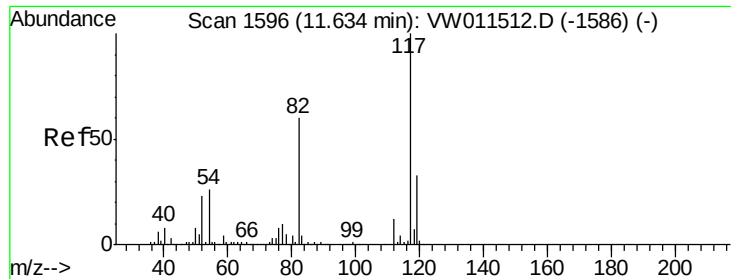


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

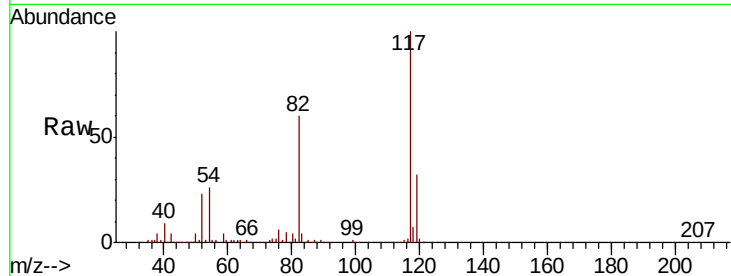




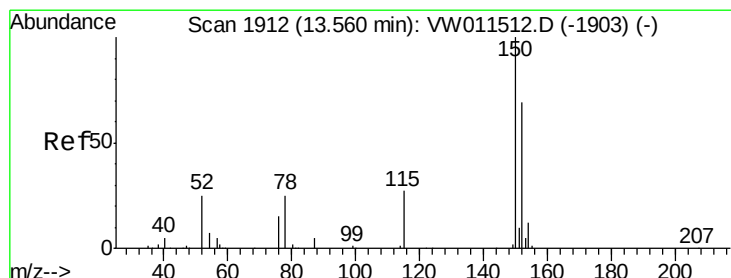
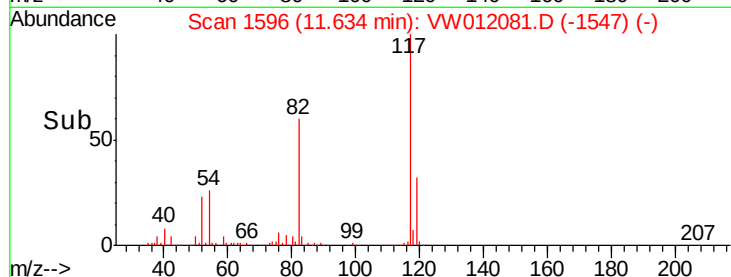
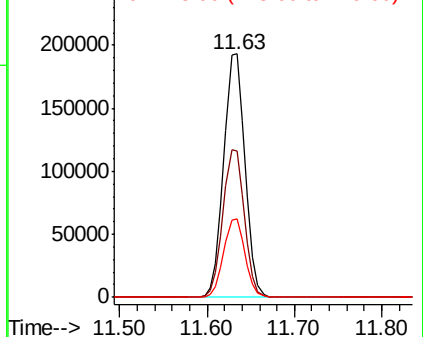
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012081.D
Acq: 21 Aug 2019 20:18

Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(0)

Tgt Ion:117 Resp: 326303
Ion Ratio Lower Upper
117 100
82 59.9 47.9 71.9
119 32.3 26.2 39.2

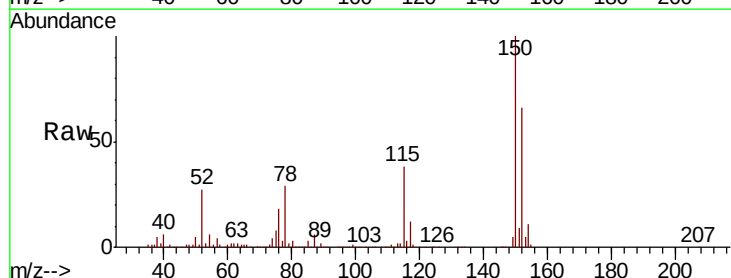


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

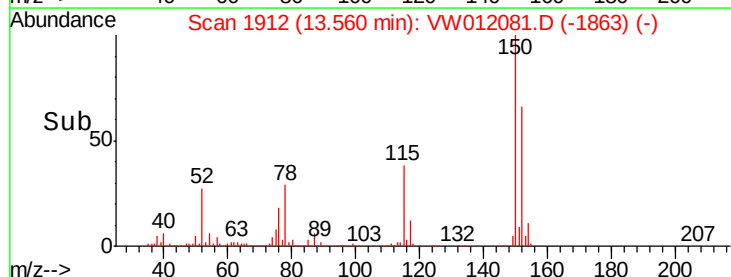
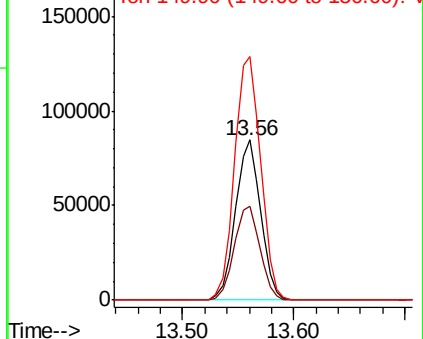


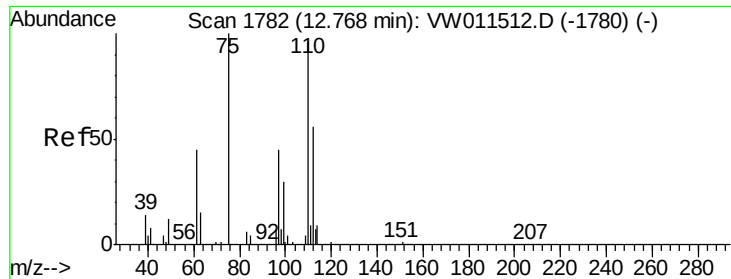
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012081.D
Acq: 21 Aug 2019 20:18

Tgt Ion:152 Resp: 131794
Ion Ratio Lower Upper
152 100
115 60.4 30.5 91.5
150 158.4 0.0 352.6



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: 58.479 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012081.D

Acq: 21 Aug 2019 20:18

Instrument :

MSVOA_W

ClientSampled :

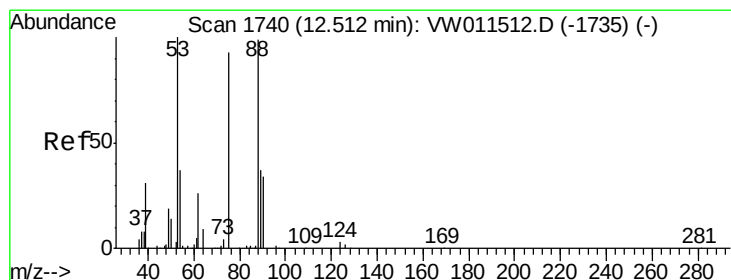
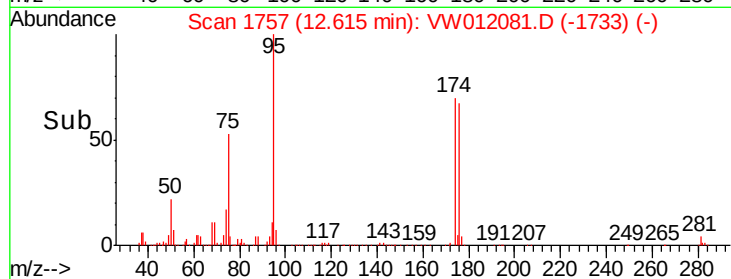
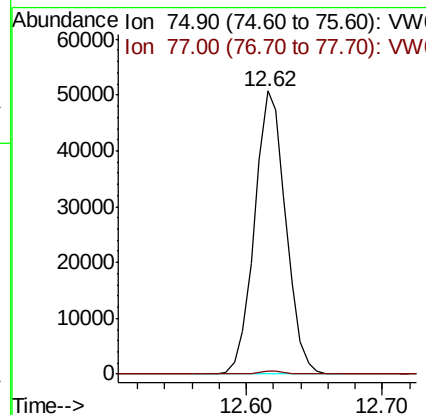
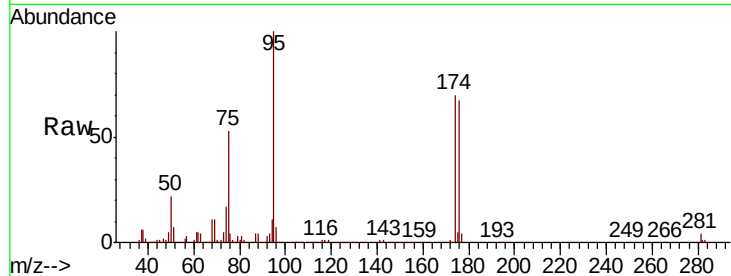
T1-H1-(0)

Tgt Ion: 75 Resp: 81551

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 134.774 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012081.D

Acq: 21 Aug 2019 20:18

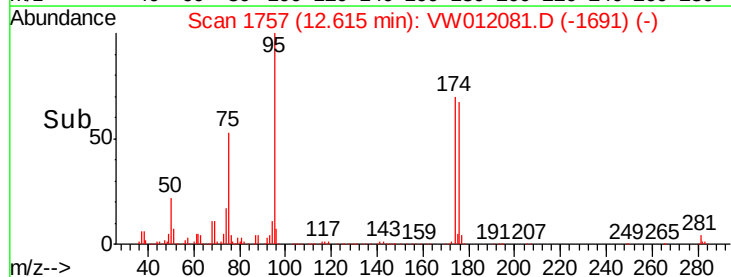
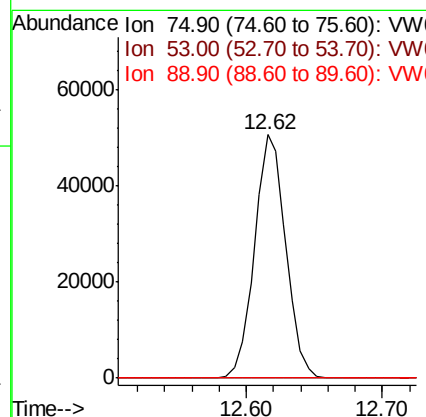
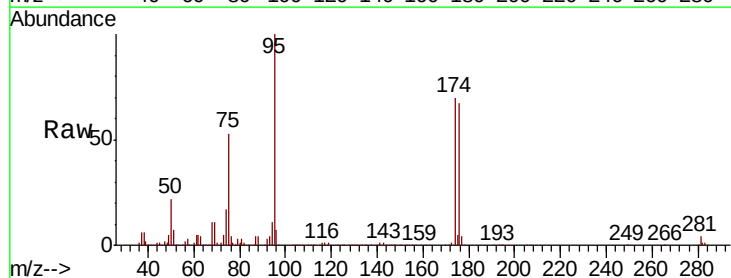
Tgt Ion: 75 Resp: 81551

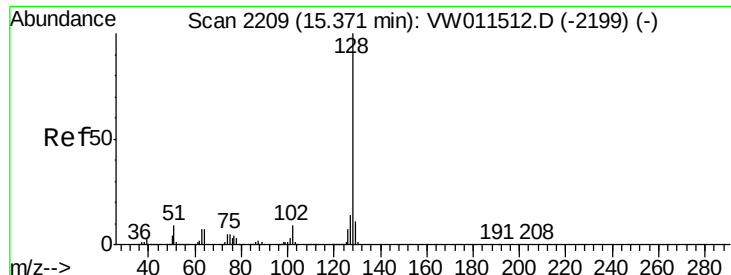
Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

89 0.1 35.3 52.9#





#95

Naphthalene

Concen: 2.135 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW012081.D

Acq: 21 Aug 2019 20:18

Instrument :

MSVOA_W

ClientSampleId :

T1-H1-(0)

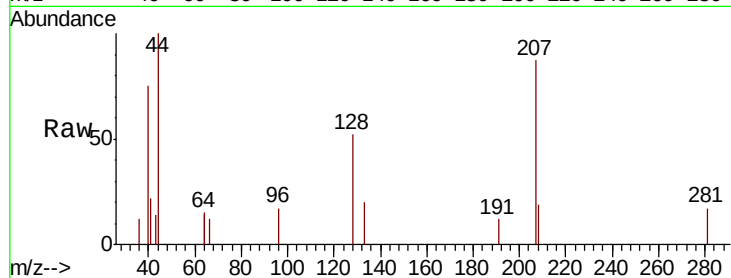
Tgt Ion:128 Resp: 373

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#



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

