

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010467.D
 Acq On : 21 May 2019 00:34
 Operator : SY/VA
 Sample : K2943-06
 Misc : 5.71G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GIS-5-4FT

Quant Time: May 21 06:50:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	198130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	175455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	65827	61.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.06%	
35) Dibromofluoromethane	7.88	113	60417	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
50) Toluene-d8	10.32	98	245193	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.62	95	90874	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	

Target Compounds

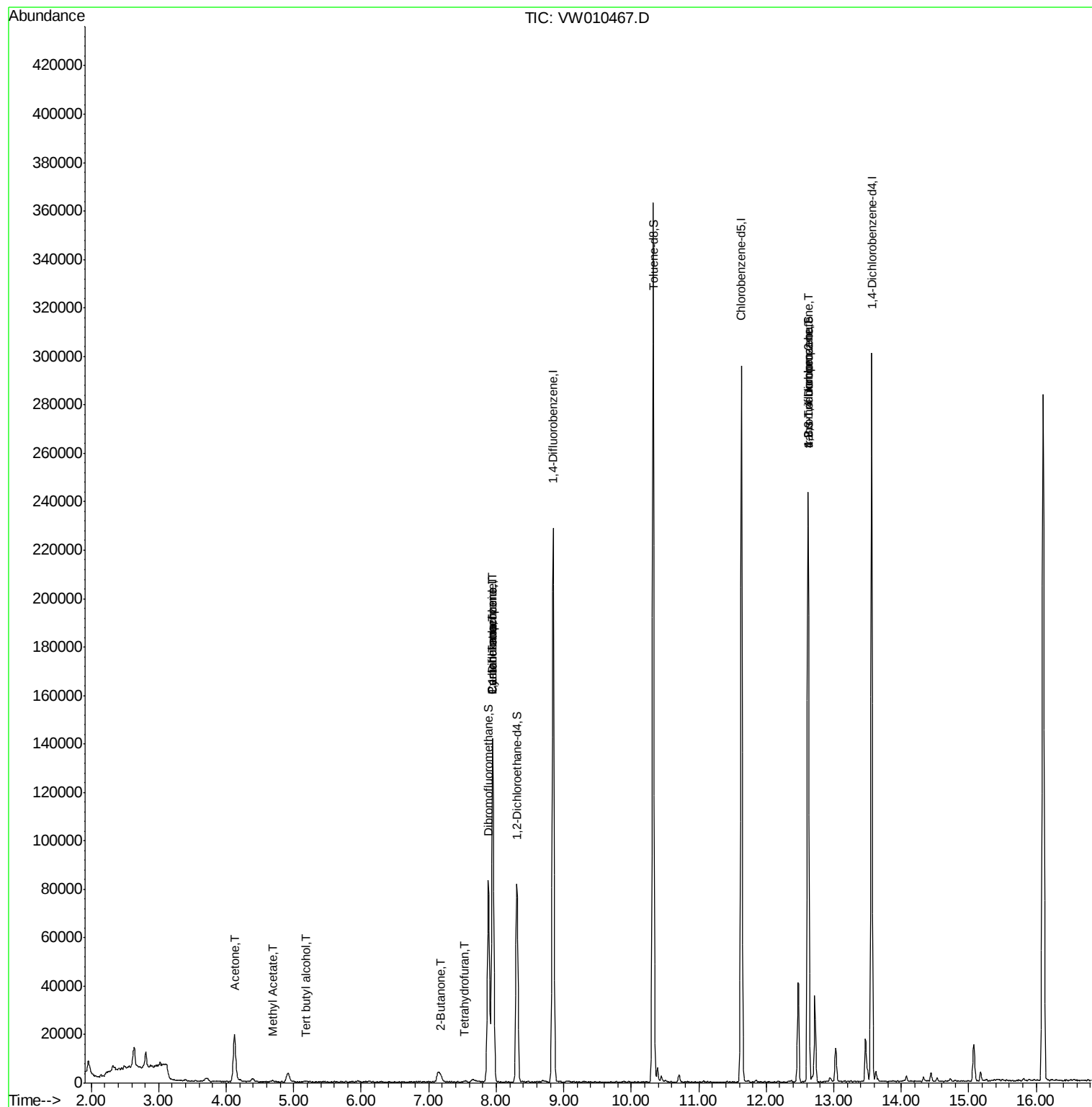
					Qvalue	
11) Tert butyl alcohol	5.17	59	536	5.524	ug/l #	82
13) Acrolein	3.90	56	134	Below Cal	#	13
16) Acetone	4.12	43	34285	155.716	ug/l	99
18) Methyl Acetate	4.68	43	1604	2.979	ug/l #	64
20) Methylene Chloride	4.92	84	3118	Below Cal		91
25) 2-Butanone	7.18	43	4945	15.694	ug/l	99
29) Tetrahydrofuran	7.53	42	238	1.116	ug/l #	83
31) Cyclohexane	7.95	56	2225	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8199	4.442	ug/l #	48
38) Carbon Tetrachloride	7.95	117	11245	5.648	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	43563	55.893	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	43563	116.651	ug/l #	14

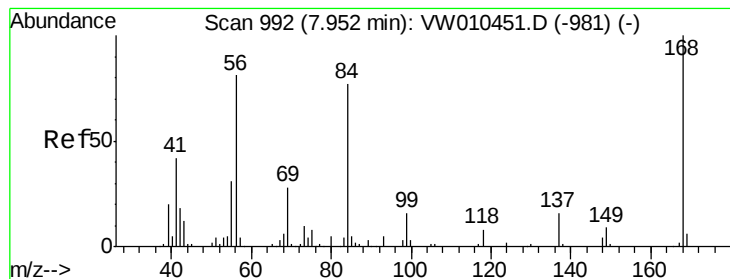
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052019\
Data File : VW010467.D
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GIS-5-4FT

Quant Time: May 21 06:50:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
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: VW010467.D

Acq: 21 May 2019 00:34

Instrument :

MSVOA_W

ClientSampleId :

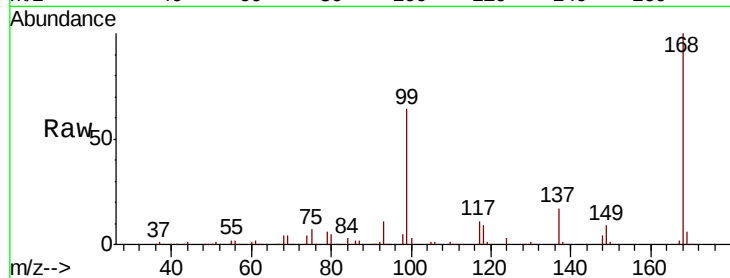
GIS-5-4FT

Tot Ion:168 Resp: 104503

Ion Ratio Lower Upper

168 100

99 63.9 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

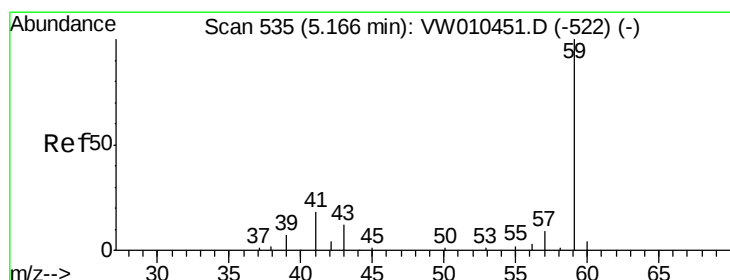
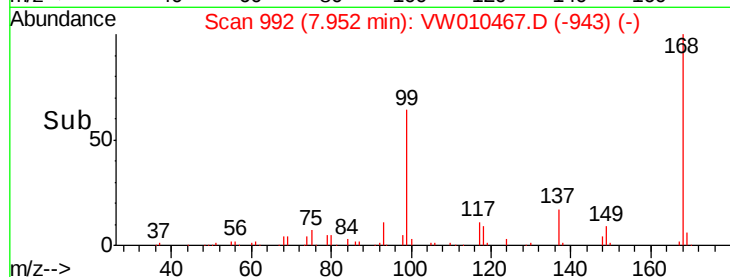
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 5.524 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW010467.D

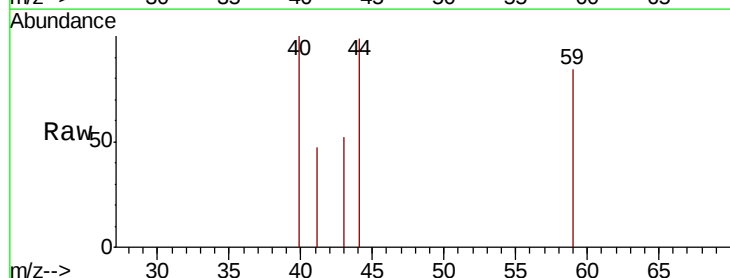
Acq: 21 May 2019 00:34

Tgt Ion: 59 Resp: 536

Ion Ratio Lower Upper

59 100

57 4.3 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

200

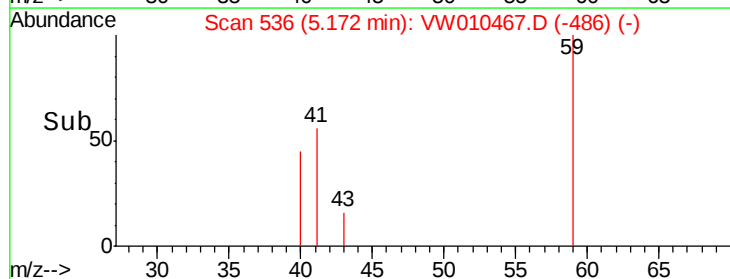
150

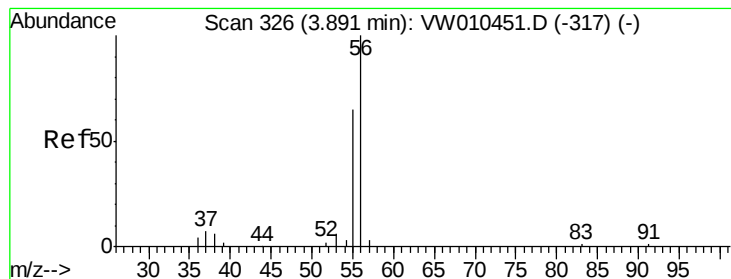
100

50

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW010467.D

Acq: 21 May 2019 00:34

Instrument :

MSVOA_W

ClientSampled :

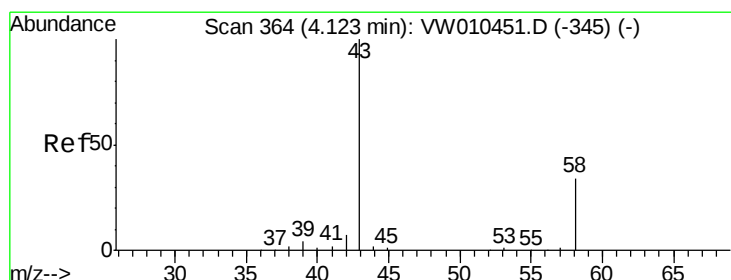
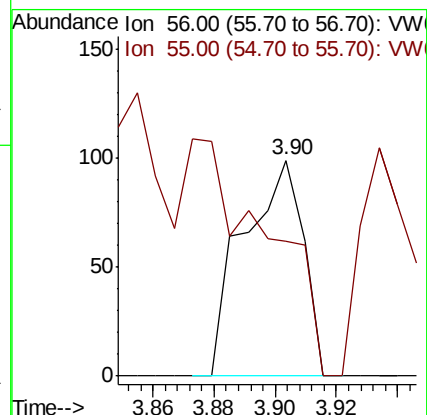
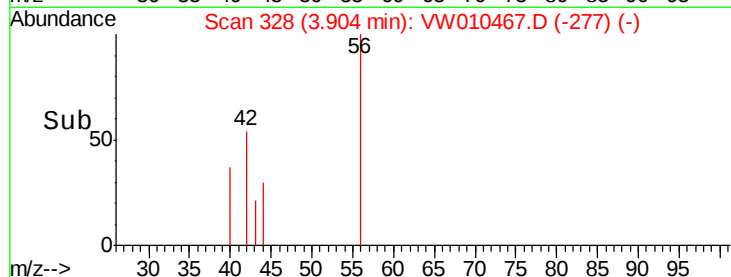
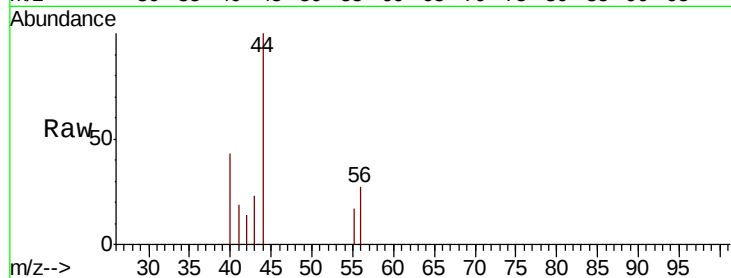
GIS-5-4FT

Tot Ion: 56 Resp: 134

Ion Ratio Lower Upper

56 100

55 0.0 57.9 86.9#



#16

Acetone

Concen: 155.716 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010467.D

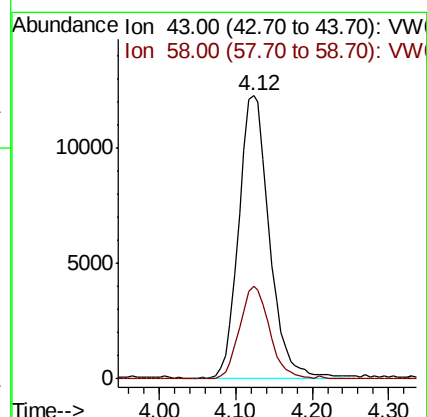
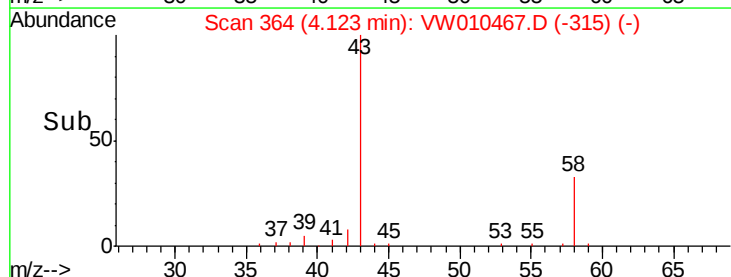
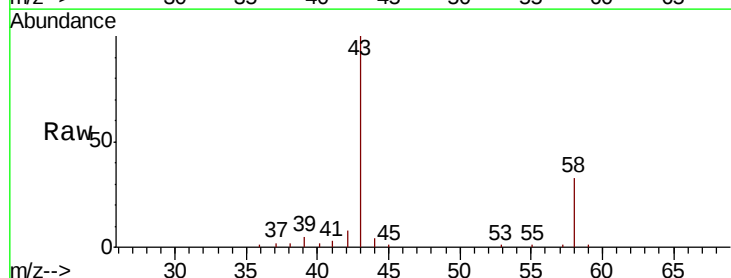
Acq: 21 May 2019 00:34

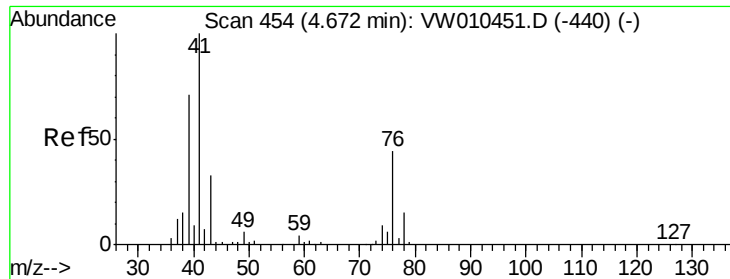
Tgt Ion: 43 Resp: 34285

Ion Ratio Lower Upper

43 100

58 32.9 27.0 40.4

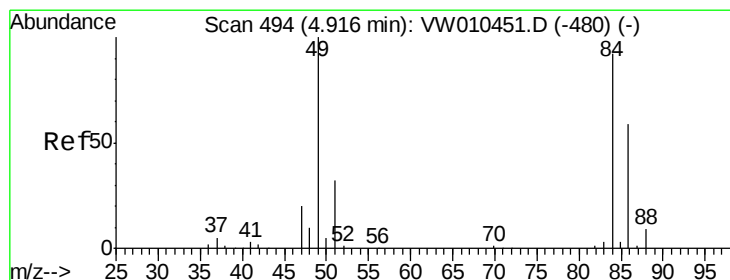
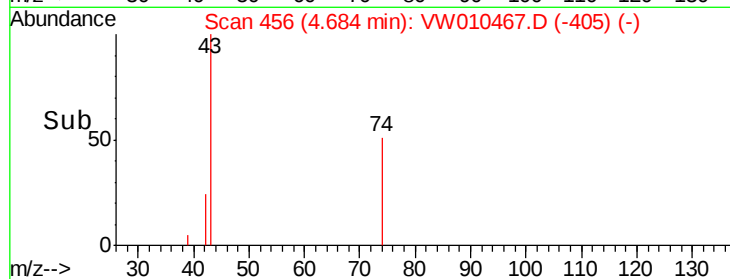
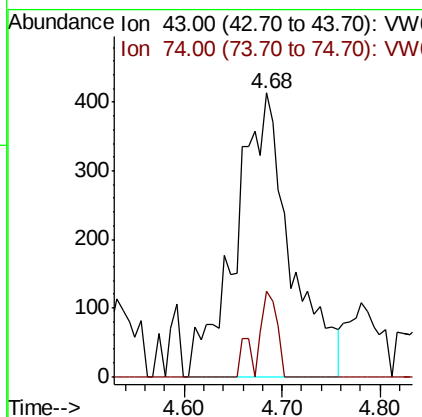
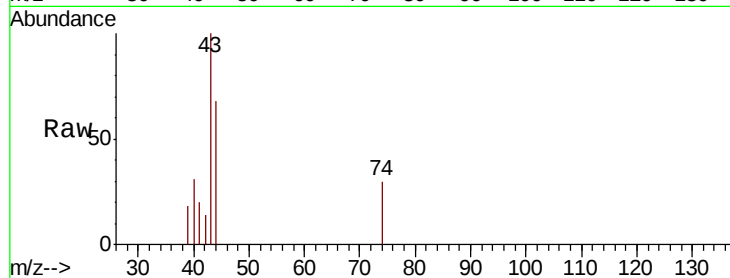




#18
Methyl Acetate
Concen: 2.979 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW010467.D
Acq: 21 May 2019 00:34

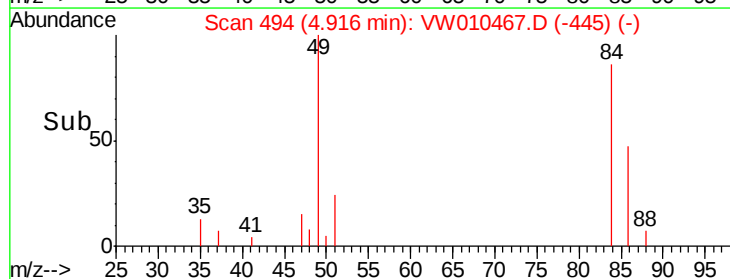
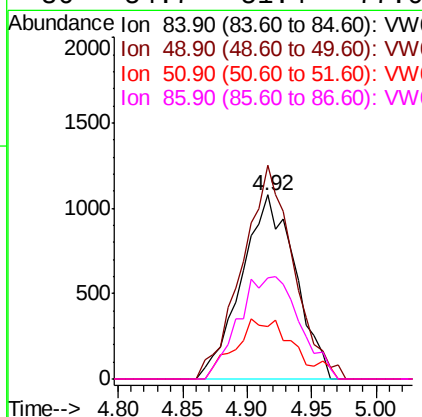
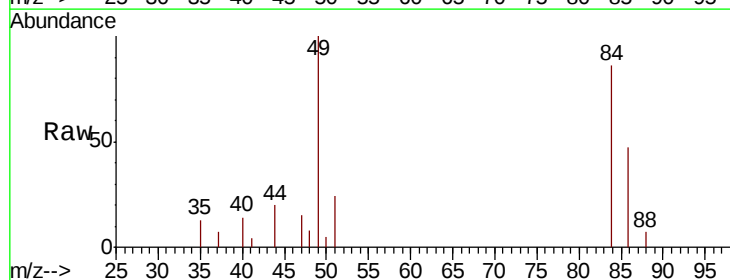
Instrument :
MSVOA_W
ClientSampled :
GIS-5-4FT

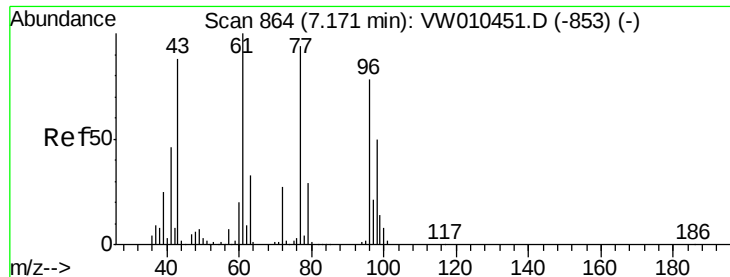
Tot Ion: 43 Resp: 1604
Ion Ratio Lower Upper
43 100
74 8.5 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010467.D
Acq: 21 May 2019 00:34

Tgt Ion: 84 Resp: 3118
Ion Ratio Lower Upper
84 100
49 116.3 87.2 130.8
51 28.4 27.7 41.5
86 54.7 51.4 77.0





#25

2-Butanone

Concen: 15.694 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW010467.D

Acq: 21 May 2019 00:34

Instrument :

MSVOA_W

ClientSampleId :

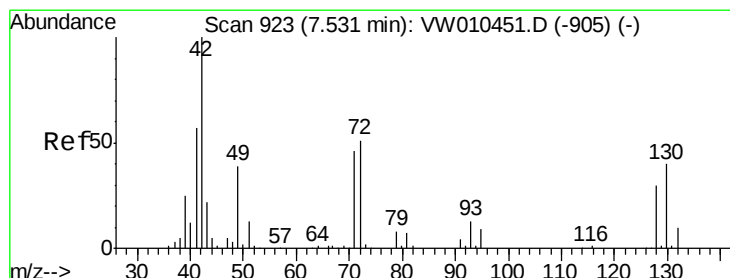
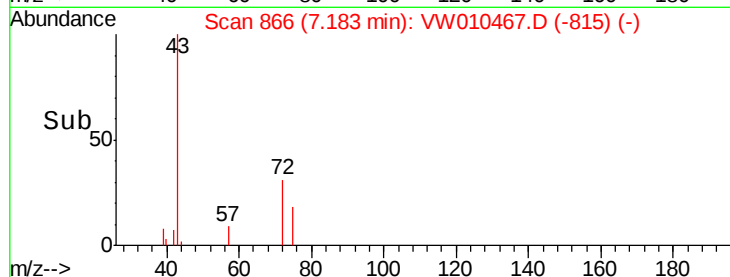
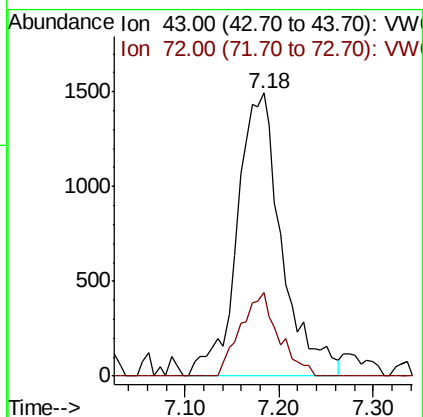
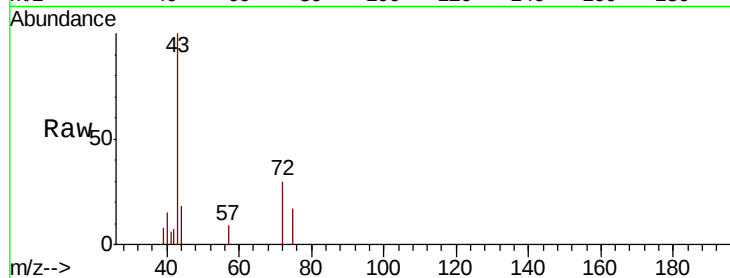
GIS-5-4FT

Tot Ion: 43 Resp: 4945

Ion Ratio Lower Upper

43 100

72 29.7 24.1 36.1



#29

Tetrahydrofuran

Concen: 1.116 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW010467.D

Acq: 21 May 2019 00:34

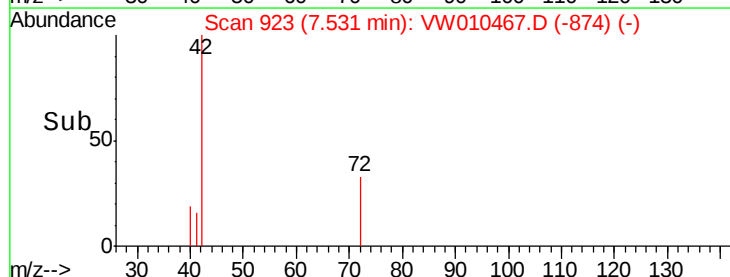
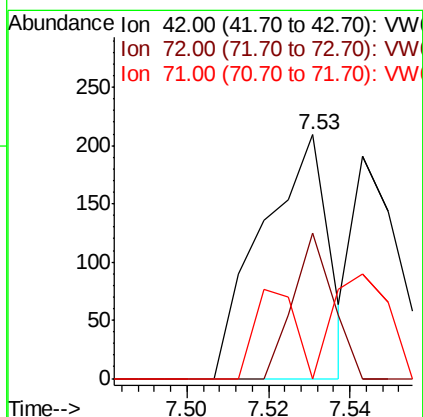
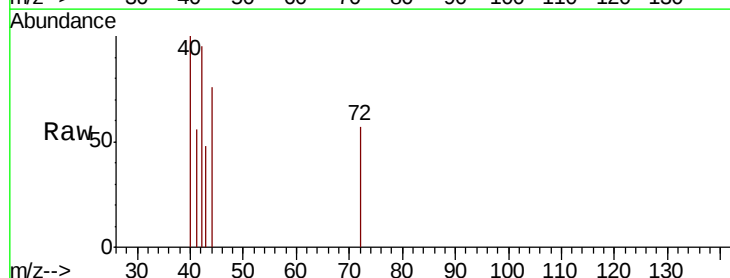
Tgt Ion: 42 Resp: 238

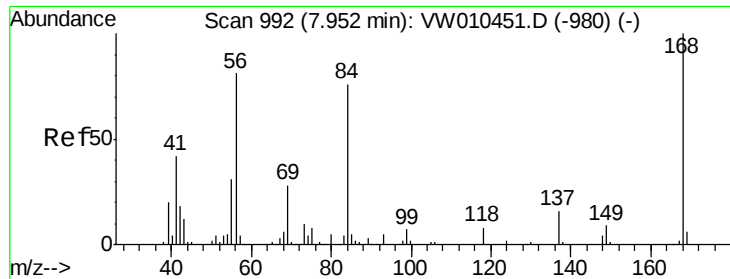
Ion Ratio Lower Upper

42 100

72 35.7 38.5 57.7#

71 35.7 36.5 54.7#

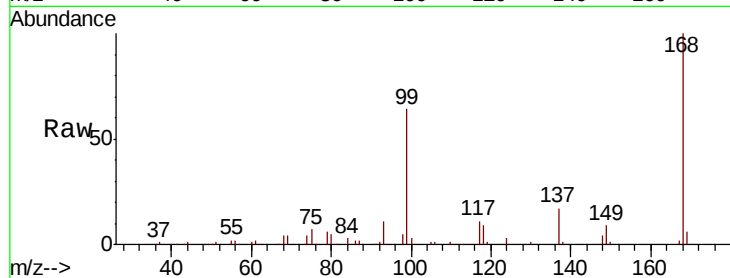




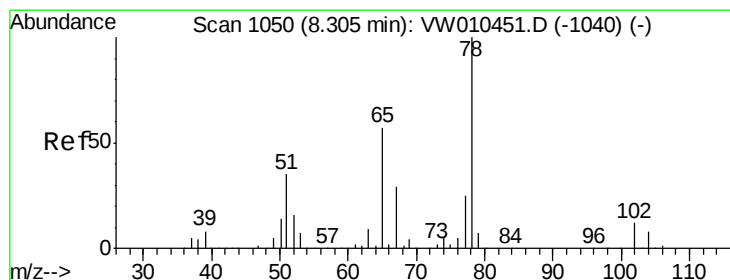
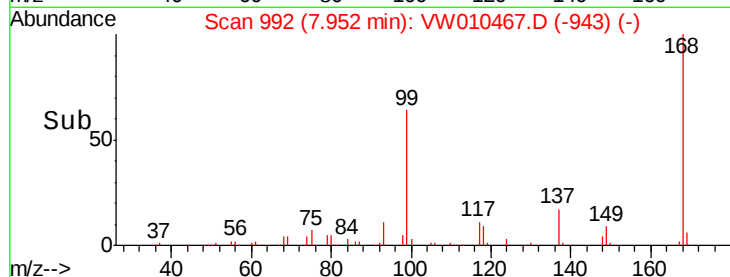
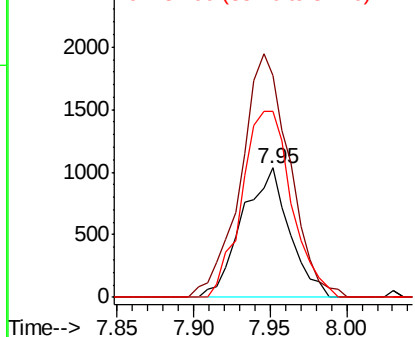
#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010467.D
Acq: 21 May 2019 00:34

Instrument :
MSVOA_W
ClientSampled :
GIS-5-4FT

Tot Ion: 56 Resp: 2225
Ion Ratio Lower Upper
56 100
69 171.0 28.2 42.2#
84 144.0 75.8 113.8#

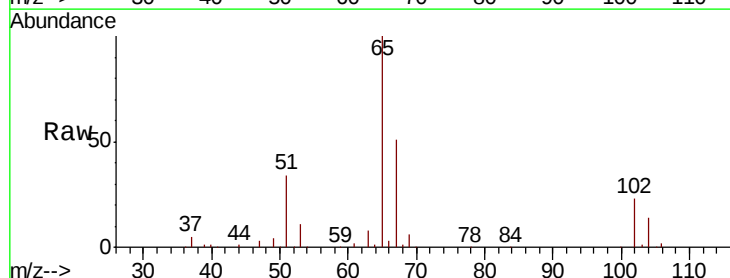


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

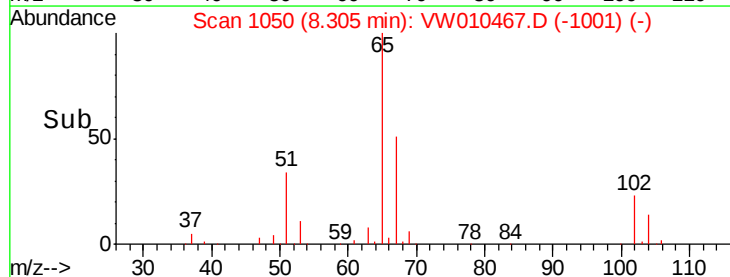
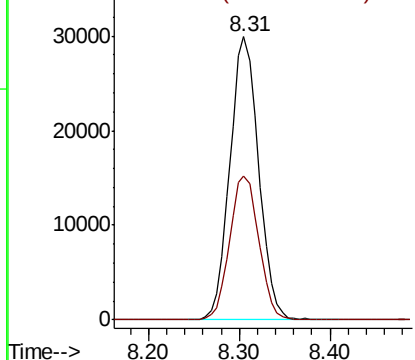


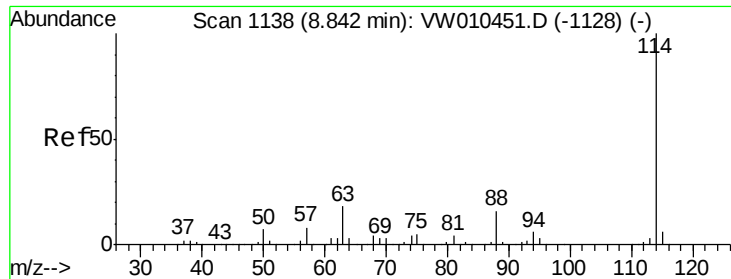
#33
1,2-Dichloroethane-d4
Concen: 61.027 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010467.D
Acq: 21 May 2019 00:34

Tgt Ion: 65 Resp: 65827
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.6



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

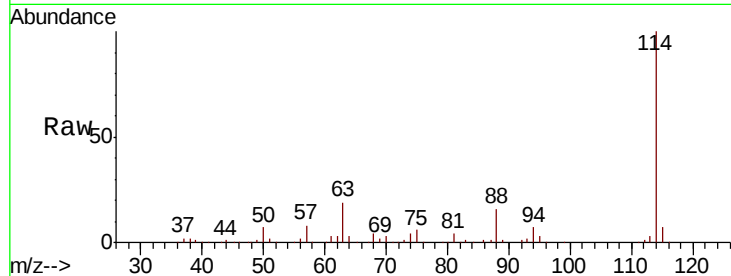




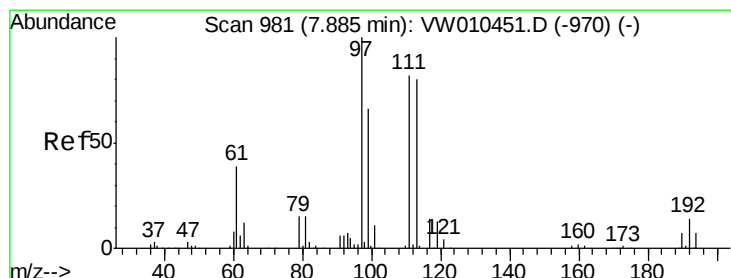
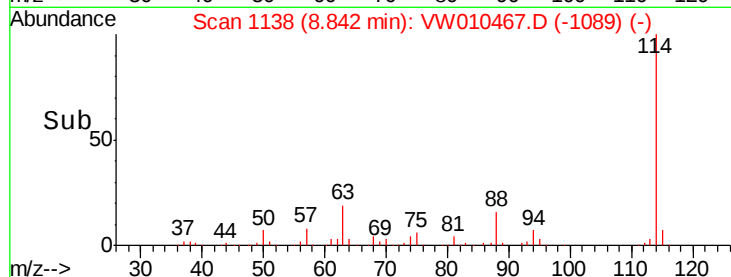
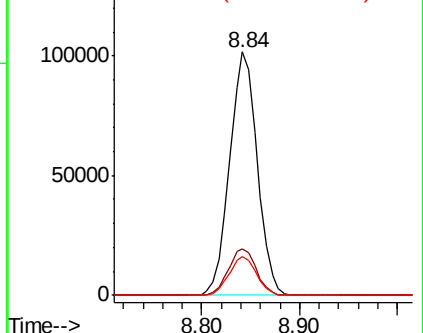
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010467.D
 Acq: 21 May 2019 00:34

Instrument :
 MSVOA_W
 ClientSampled :
 GIS-5-4FT

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	36.0
88	16.1	0.0	32.0

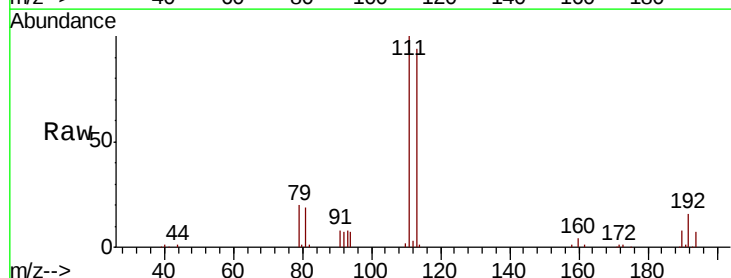


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

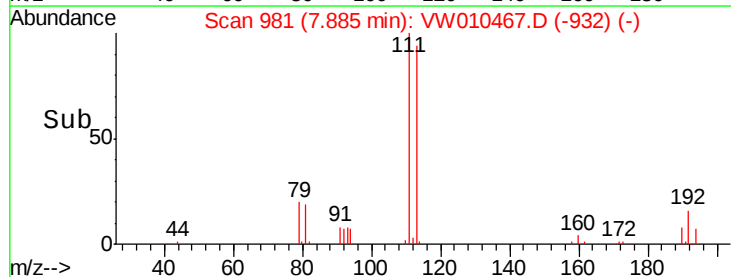
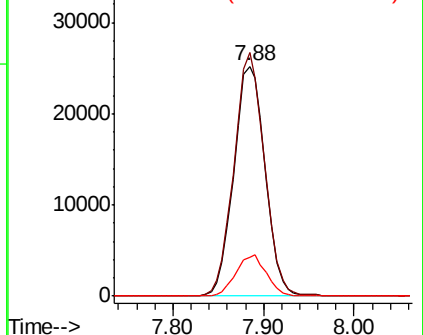


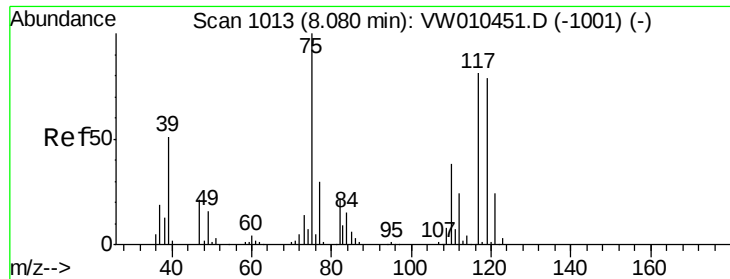
#35
 Dibromofluoromethane
 Concen: 50.255 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010467.D
 Acq: 21 May 2019 00:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	17.4	14.3	21.5



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

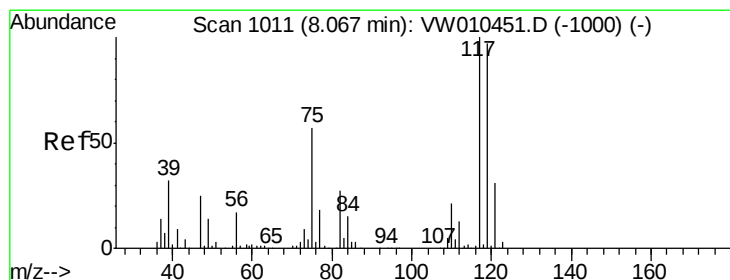
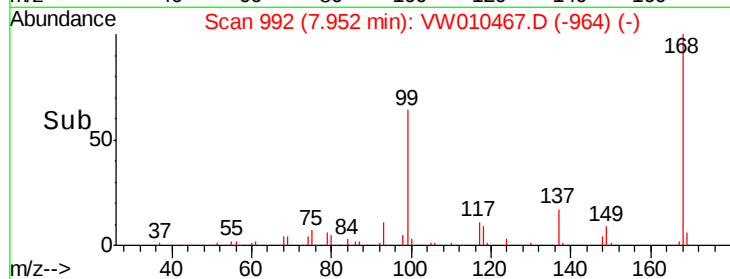
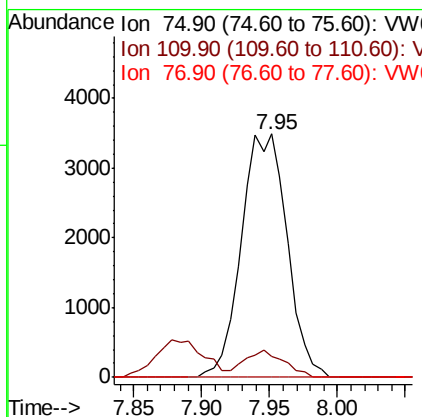
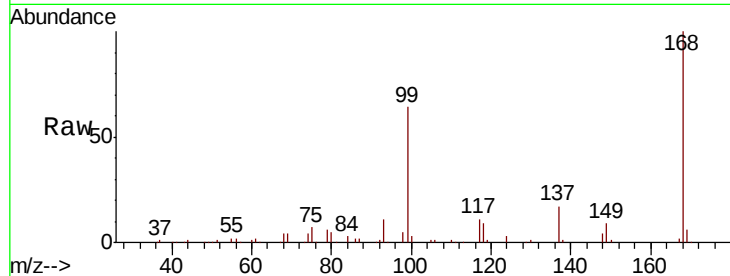




#36
 1,1-Dichloropropene
 Concen: 4.442 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW010467.D
 Acq: 21 May 2019 00:34

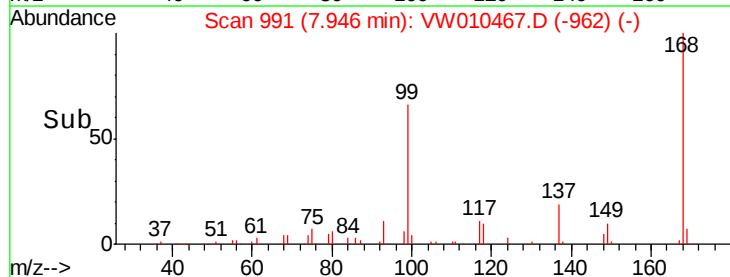
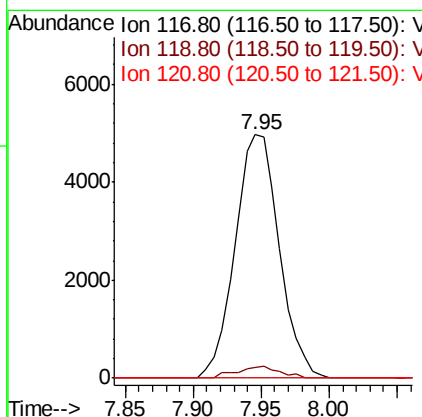
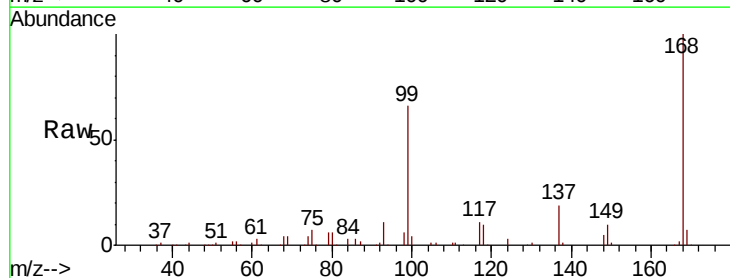
Instrument :
 MSVOA_W
 ClientSampleId :
 GIS-5-4FT

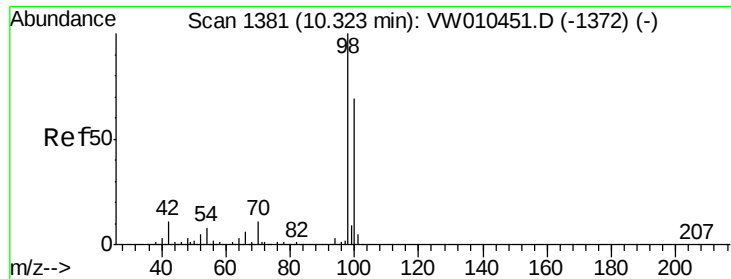
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.2	57.6#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.648 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010467.D
 Acq: 21 May 2019 00:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.4	116.0#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 53.387 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010467.D

Acq: 21 May 2019 00:34

Instrument :

MSVOA_W

ClientSampleId :

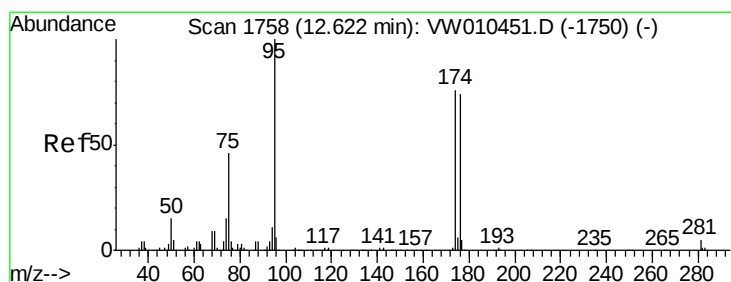
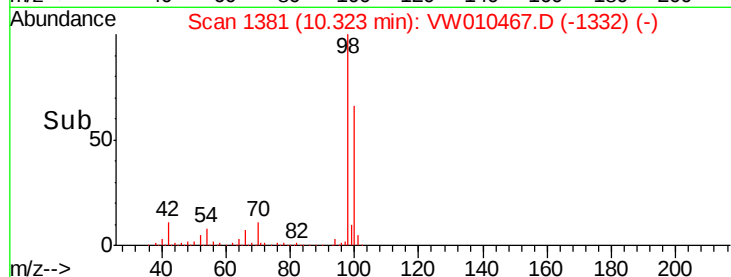
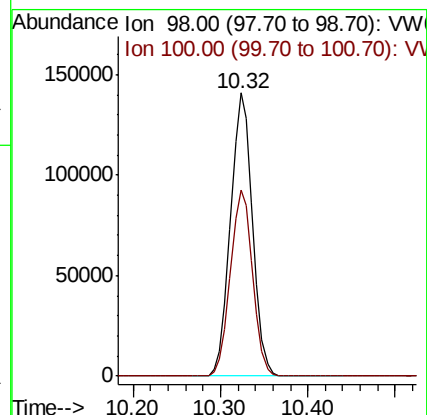
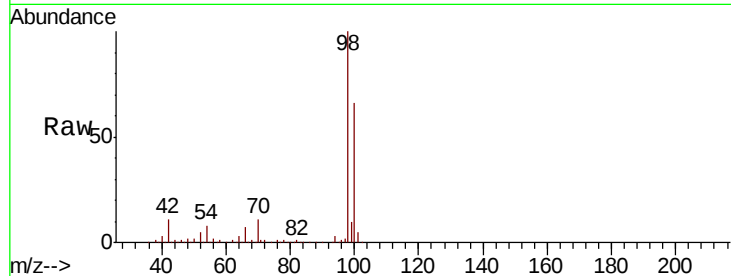
GIS-5-4FT

Tot Ion: 98 Resp: 245193

Ion Ratio Lower Upper

98 100

100 66.5 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 49.675 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010467.D

Acq: 21 May 2019 00:34

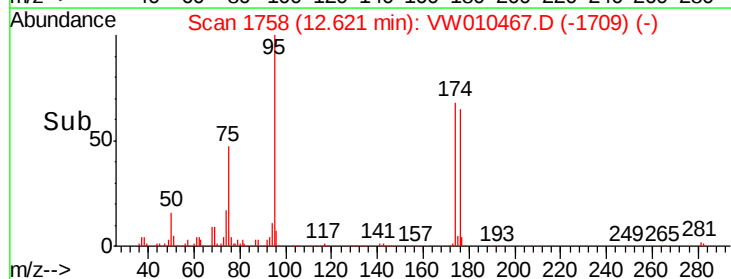
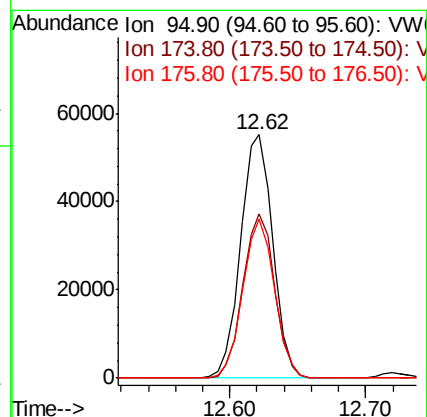
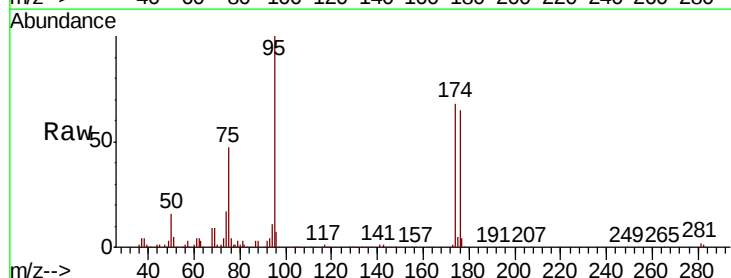
Tgt Ion: 95 Resp: 90874

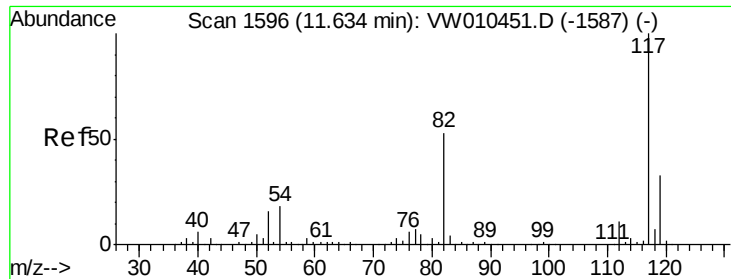
Ion Ratio Lower Upper

95 100

174 66.9 0.0 148.6

176 64.4 0.0 144.2

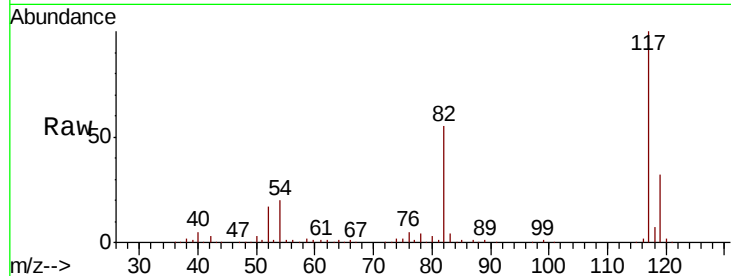




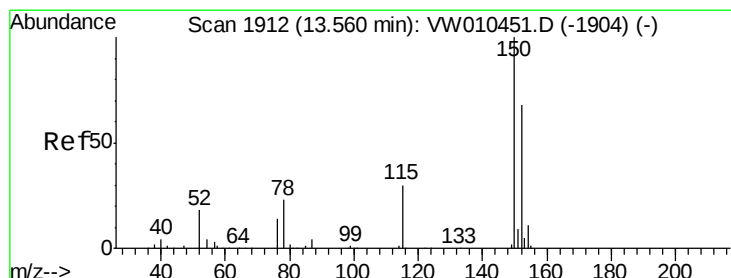
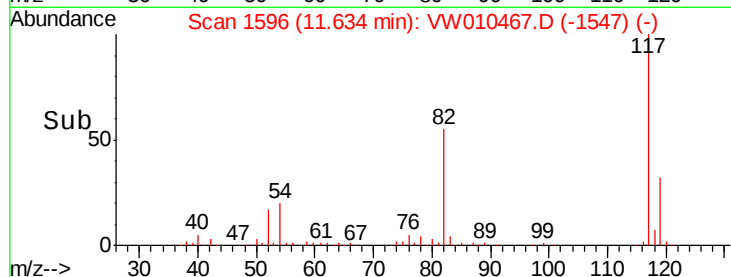
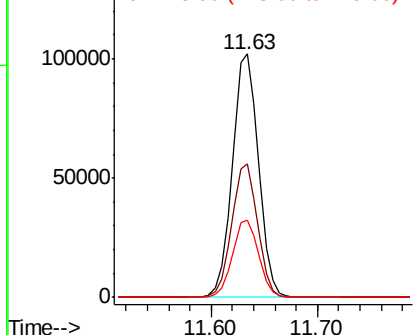
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010467.D
Acq: 21 May 2019 00:34

Instrument :
MSVOA_W
ClientSampleId :
GIS-5-4FT

Tot Ion:117 Resp: 175455
Ion Ratio Lower Upper
117 100
82 54.7 42.8 64.2
119 31.9 26.3 39.5

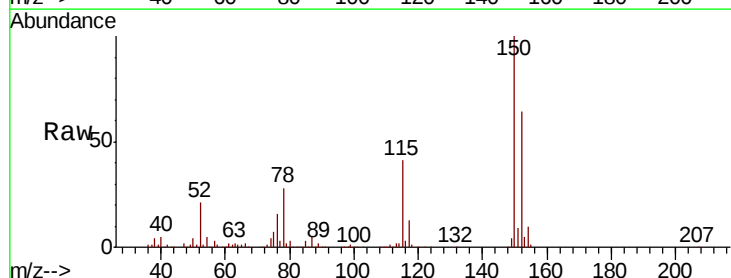


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

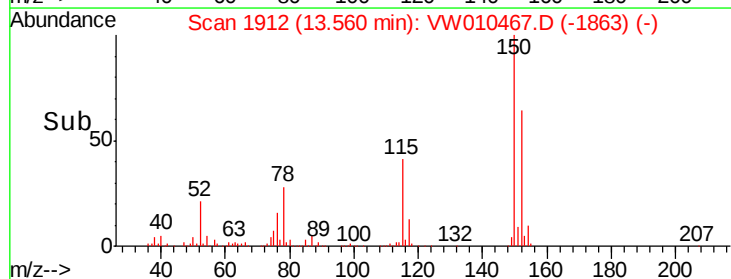
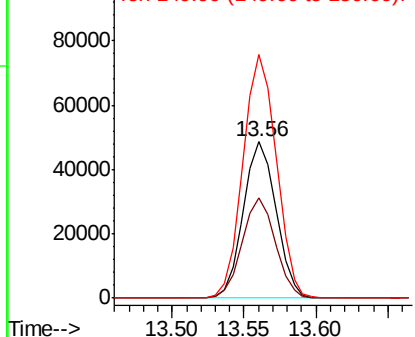


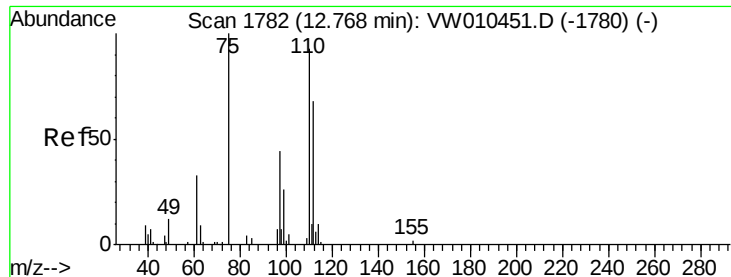
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010467.D
Acq: 21 May 2019 00:34

Tgt Ion:152 Resp: 76783
Ion Ratio Lower Upper
152 100
115 64.8 30.3 91.0
150 157.9 0.0 349.8



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: 55.893 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010467.D

Acq: 21 May 2019 00:34

Instrument :

MSVOA_W

ClientSampleId :

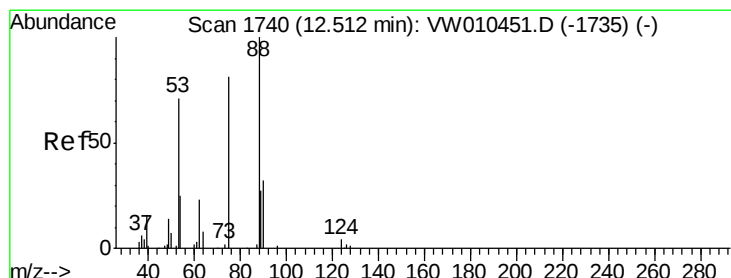
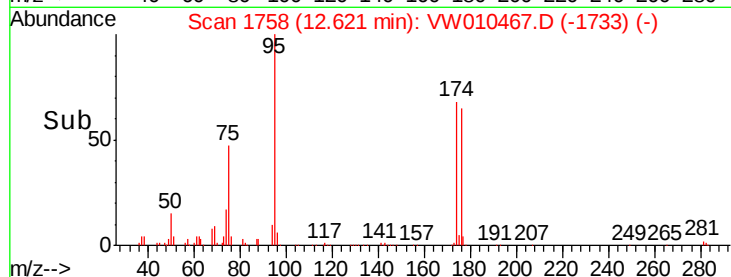
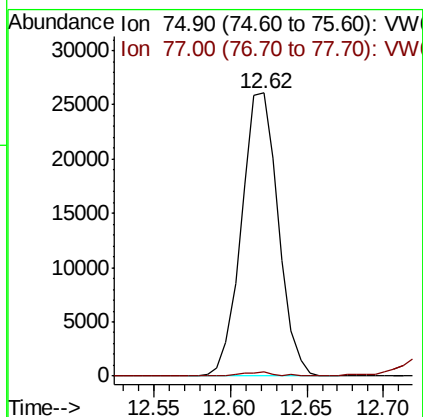
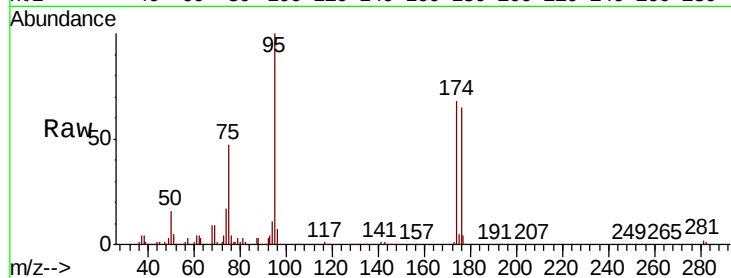
GIS-5-4FT

Tot Ion: 75 Resp: 43563

Ion Ratio Lower Upper

75 100

77 1.2 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 116.651 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010467.D

Acq: 21 May 2019 00:34

Tgt Ion: 75 Resp: 43563

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

