

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010468.D
 Acq On : 21 May 2019 01:00
 Operator : SY/VA
 Sample : K2943-10
 Misc : 4.95G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BUS-1-4FT

Quant Time: May 21 06:50:52 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	132527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	252920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	223076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	95137	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	80018	58.50	ug/l	0.00
Spiked Amount			Recovery	=	117.00%	
35) Dibromofluoromethane	7.88	113	78799	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
50) Toluene-d8	10.32	98	312692	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.62	95	113718	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	

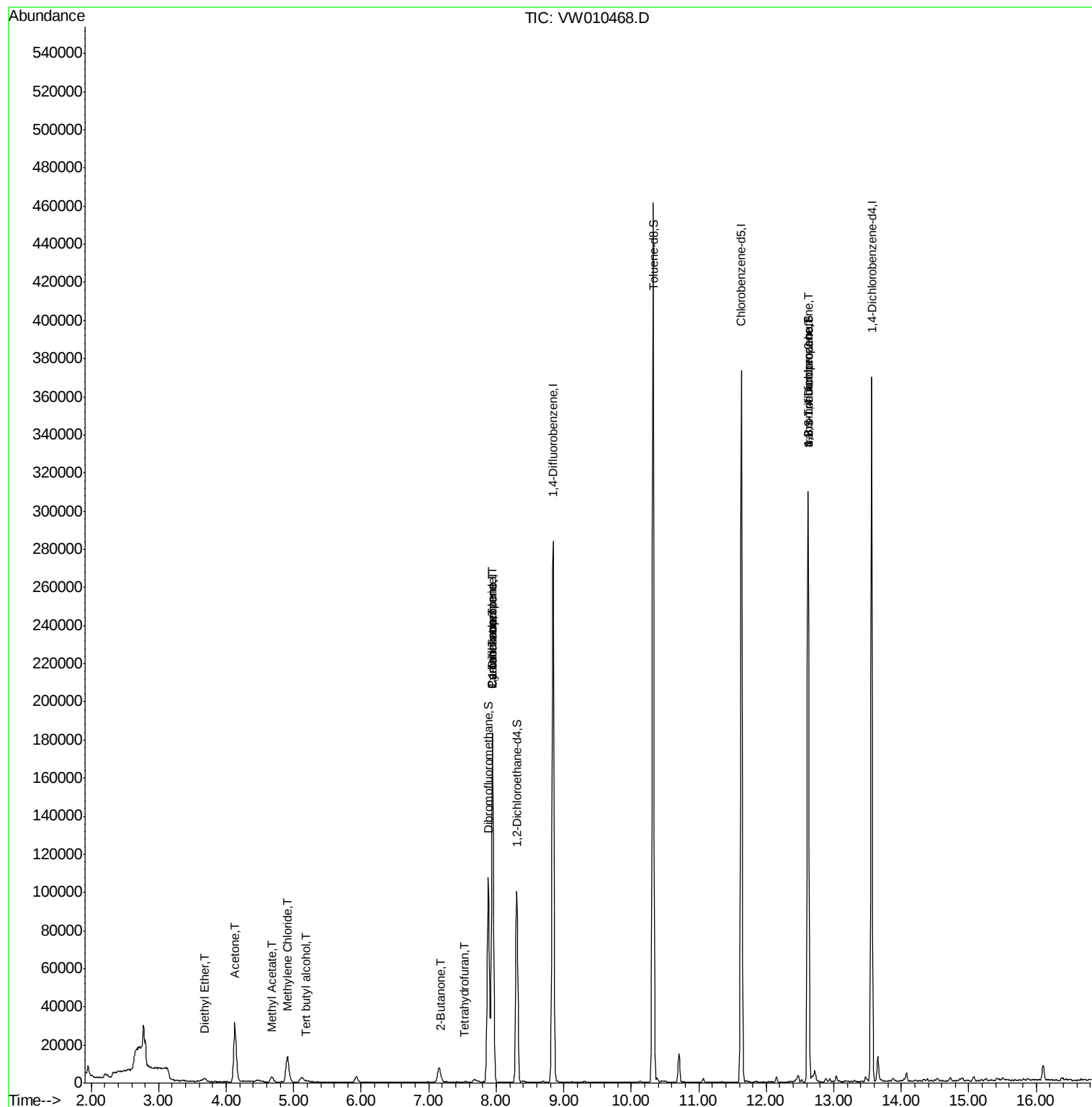
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1018	1.349	ug/l #	7
11) Tert butyl alcohol	5.18	59	150	1.219	ug/l #	1
13) Acrolein	3.96	56	25	Below Cal	#	81
16) Acetone	4.13	43	55214	197.744	ug/l	100
18) Methyl Acetate	4.67	43	5595	8.193	ug/l	97
20) Methylene Chloride	4.90	84	11298	2.031	ug/l	95
25) 2-Butanone	7.18	43	2506	6.271	ug/l	99
29) Tetrahydrofuran	7.54	42	471	1.742	ug/l #	55
31) Cyclohexane	7.95	56	2911	1.121	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	10598	4.498	ug/l #	48
38) Carbon Tetrachloride	7.94	117	14482	5.698	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	55260	57.223	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	55260	119.425	ug/l #	14

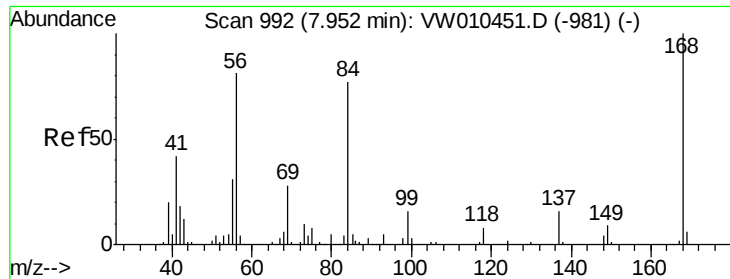
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052019\
Data File : VW010468.D
Acq On : 21 May 2019 01:00
Operator : SY/VA
Sample : K2943-10
Misc : 4.95G/5ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BUS-1-4FT

Quant Time: May 21 06:50:52 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# 991

Delta R.T. -0.01 min

Lab File: VW010468.D

Acq: 21 May 2019 01:00

Instrument :

MSVOA_W

ClientSampleId :

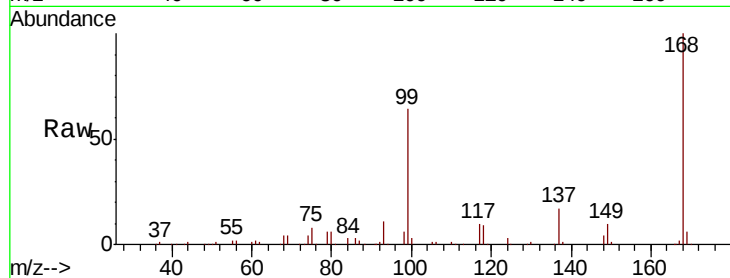
BUS-1-4FT

Tot Ion:168 Resp: 132527

Ion Ratio Lower Upper

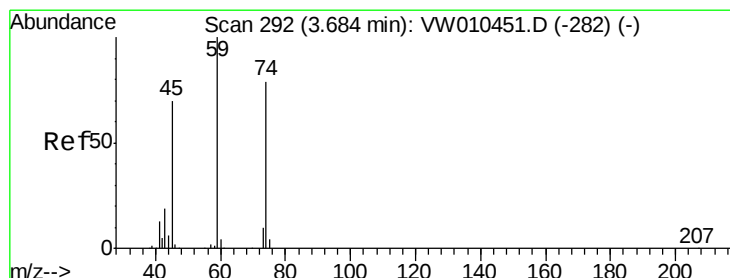
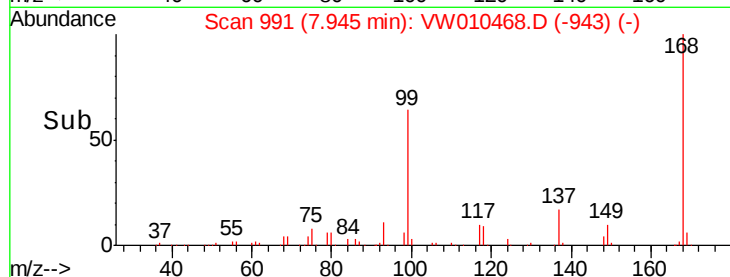
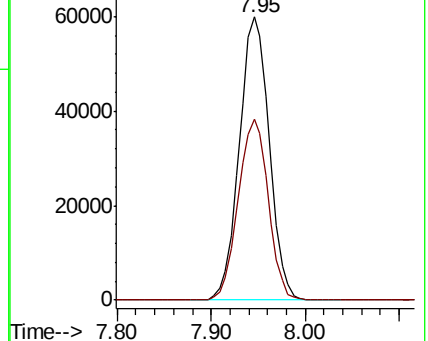
168 100

99 64.0 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.349 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW010468.D

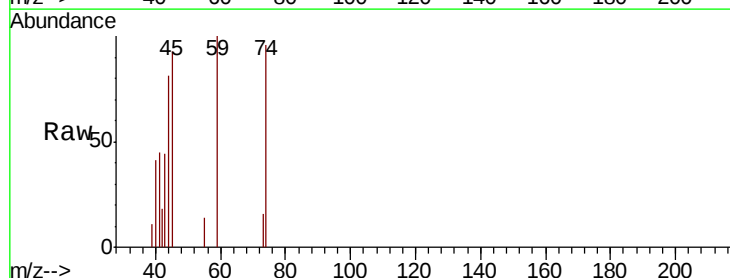
Acq: 21 May 2019 01:00

Tgt Ion: 74 Resp: 1018

Ion Ratio Lower Upper

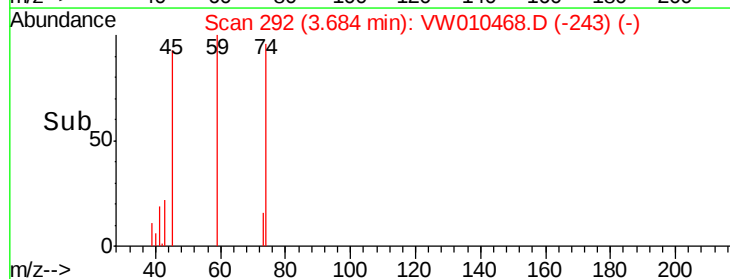
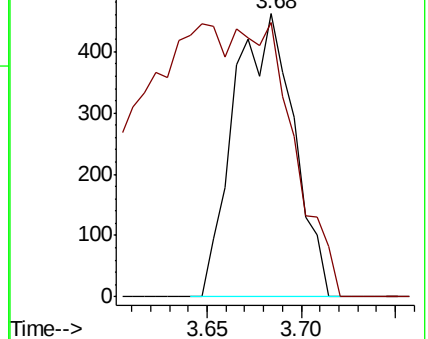
74 100

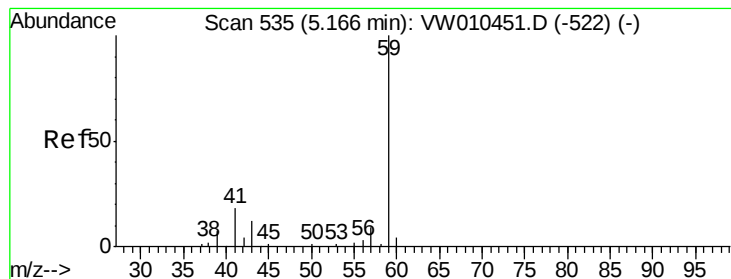
45 0.0 42.9 128.5#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



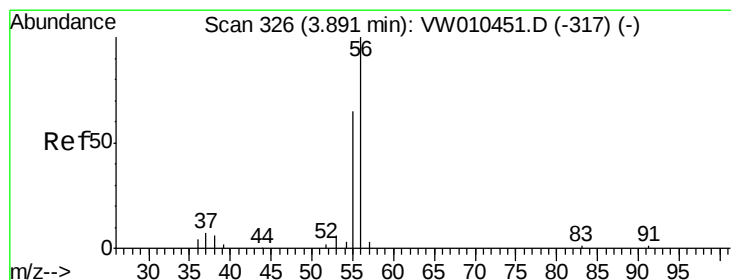
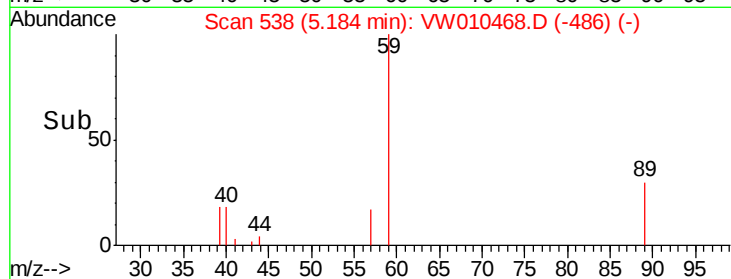
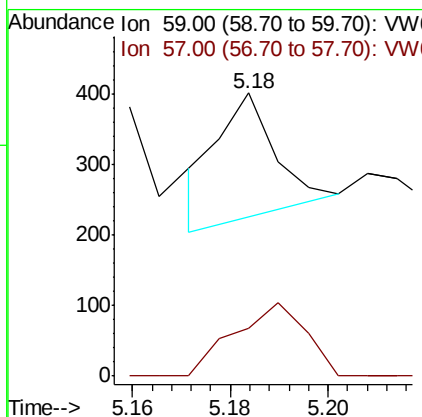
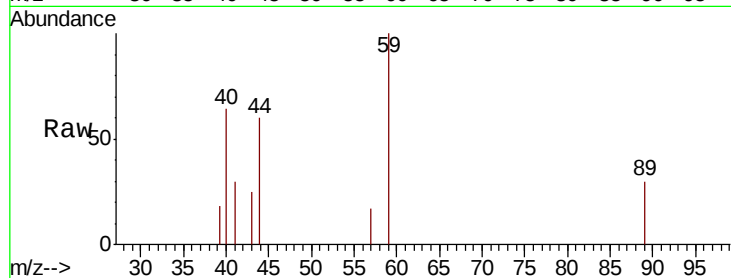


#11

Tert butyl alcohol
 Concen: 1.219 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.02 min
 Lab File: VW010468.D
 Acq: 21 May 2019 01:00

Instrument :
 MSVOA_W
 ClientSampleId :
 BUS-1-4FT

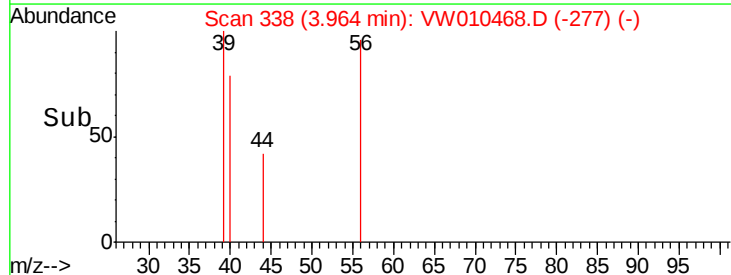
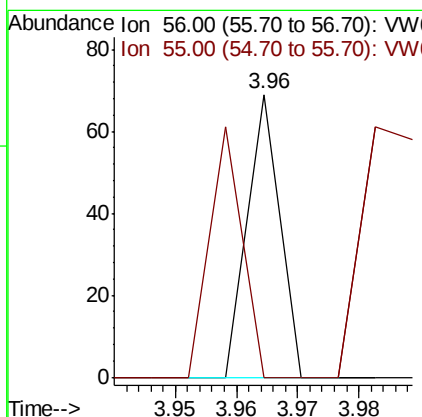
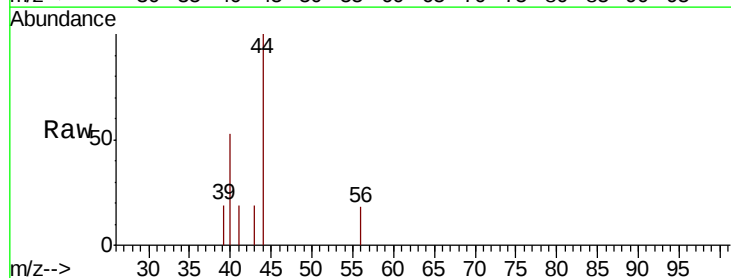
Tot Ion: 59 Resp: 150
 Ion Ratio Lower Upper
 59 100
 57 70.0 8.8 13.2#

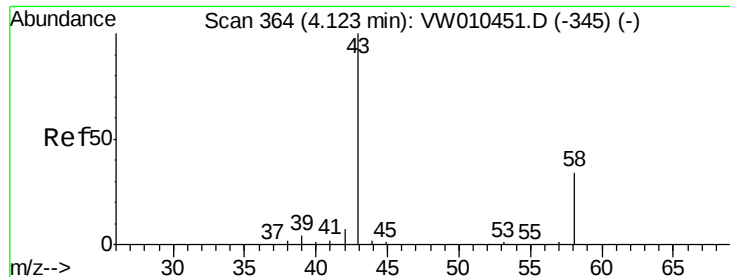


#13

Acrolein
 Concen: Below Cal
 RT: 3.96 min Scan# 338
 Delta R.T. 0.07 min
 Lab File: VW010468.D
 Acq: 21 May 2019 01:00

Tgt Ion: 56 Resp: 25
 Ion Ratio Lower Upper
 56 100
 55 88.0 57.9 86.9#





#16

Acetone

Concen: 197.744 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010468.D

Acq: 21 May 2019 01:00

Instrument :

MSVOA_W

ClientSampleId :

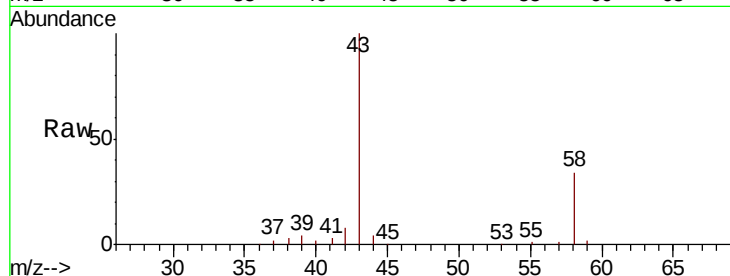
BUS-1-4FT

Tot Ion: 43 Resp: 55214

Ion Ratio Lower Upper

43 100

58 33.8 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

20000

15000

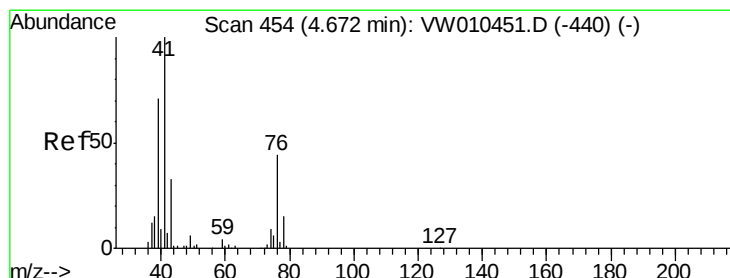
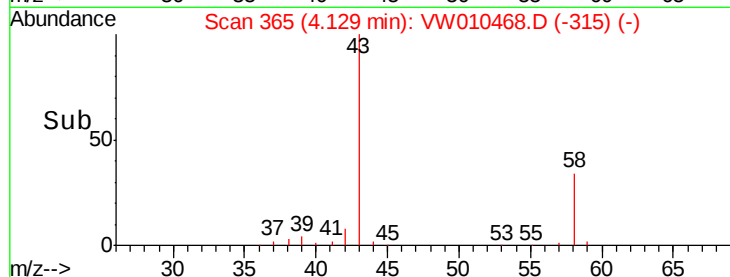
10000

5000

0

4.00 4.10 4.20 4.30

Time-->



#18

Methyl Acetate

Concen: 8.193 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010468.D

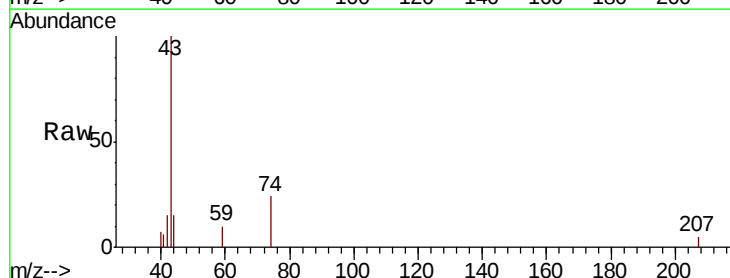
Acq: 21 May 2019 01:00

Tgt Ion: 43 Resp: 5595

Ion Ratio Lower Upper

43 100

74 25.3 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

2000

1500

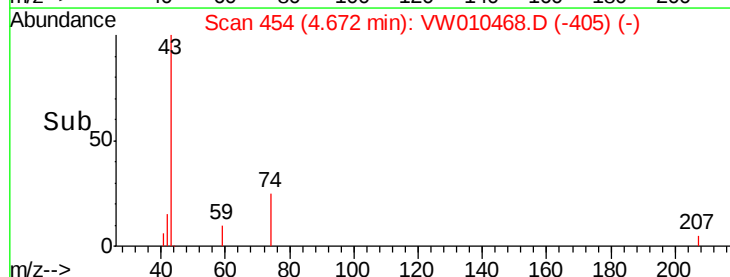
1000

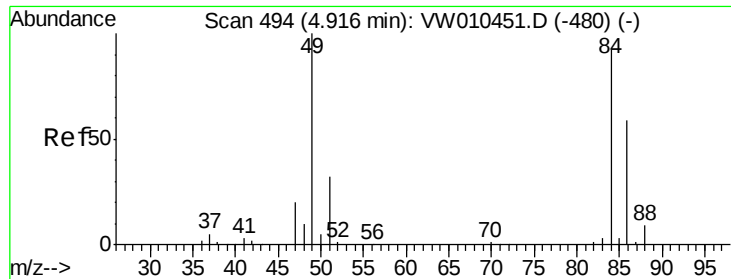
500

0

4.60 4.70 4.80

Time-->

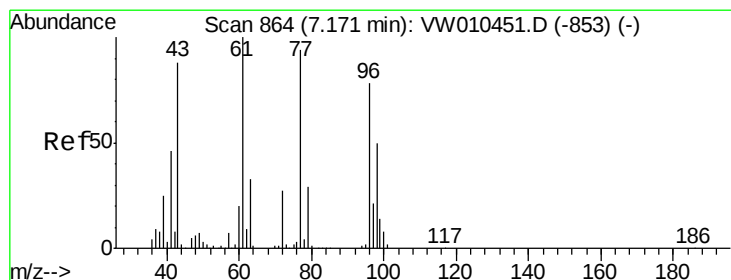
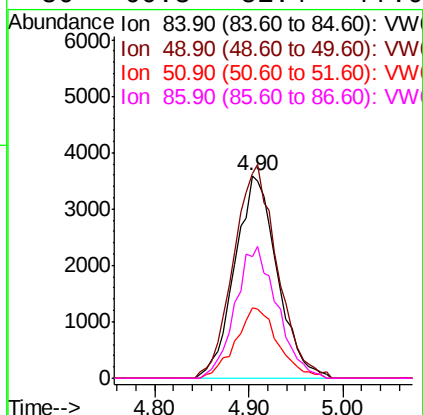
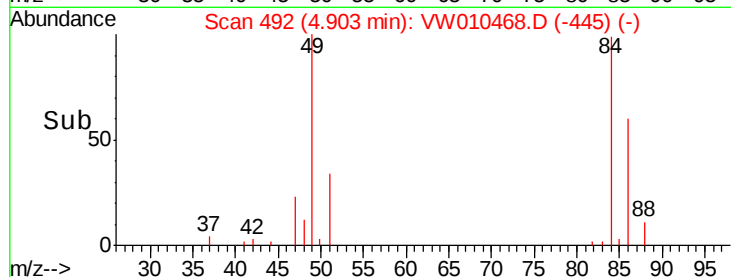
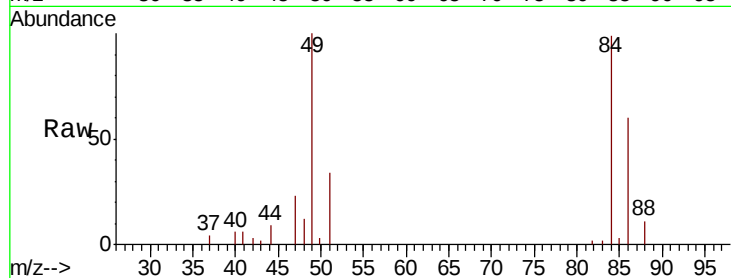




#20
Methvlene Chloride
Concen: 2.031 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW010468.D
Acq: 21 May 2019 01:00

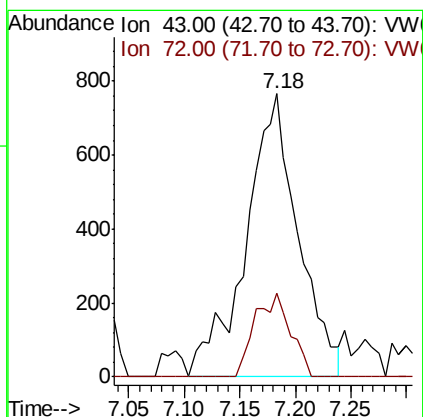
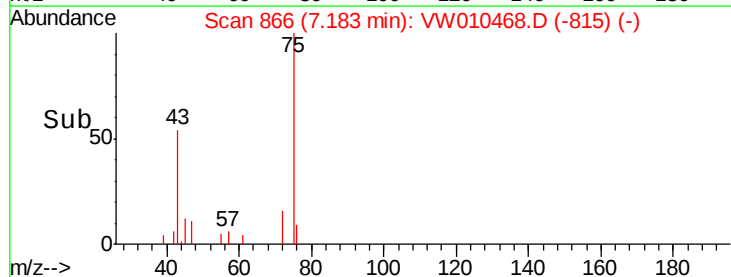
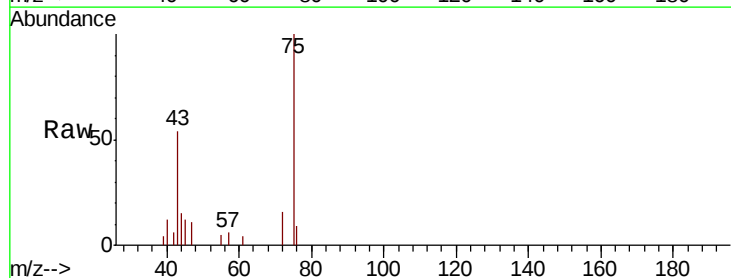
Instrument :
MSVOA_W
ClientSampleId :
BUS-1-4FT

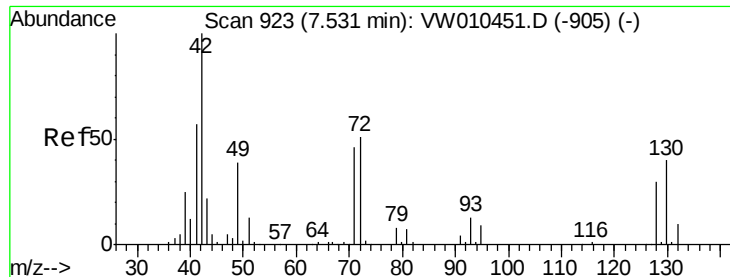
Tot Ion:	84	Resp:	11298
Ion	Ratio	Lower	Upper
84	100		
49	101.3	87.2	130.8
51	34.9	27.7	41.5
86	60.3	51.4	77.0



#25
2-Butanone
Concen: 6.271 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW010468.D
Acq: 21 May 2019 01:00

Tgt Ion:	43	Resp:	2506
Ion	Ratio	Lower	Upper
43	100		
72	29.6	24.1	36.1

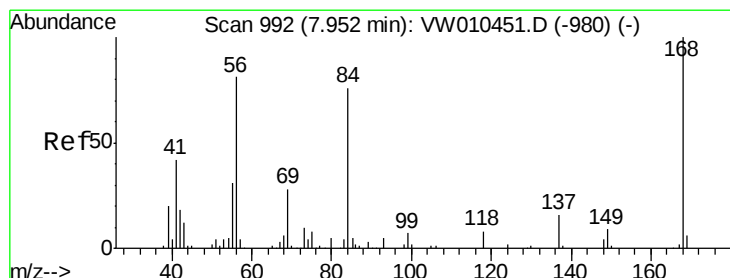
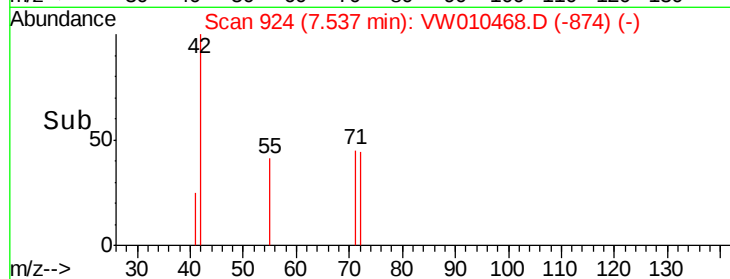
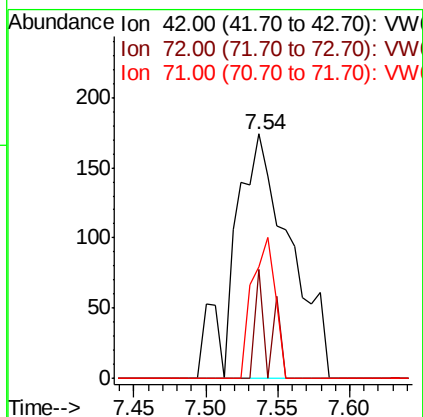
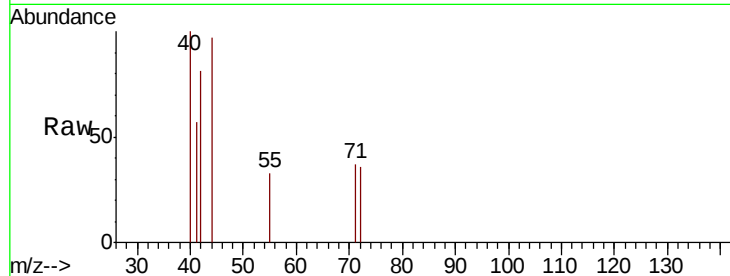




#29
Tetrahydrofuran
Concen: 1.742 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW010468.D
Acq: 21 May 2019 01:00

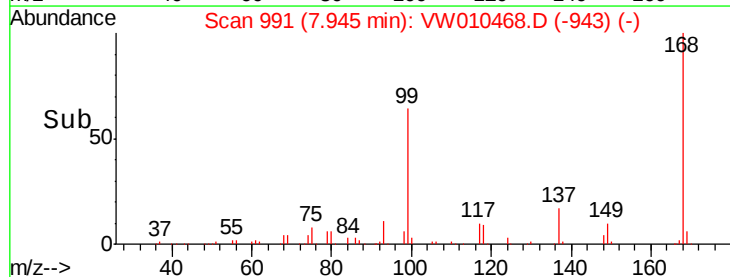
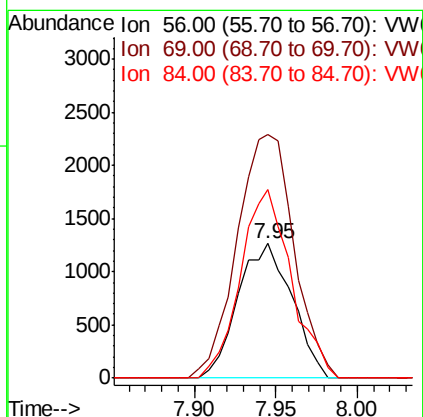
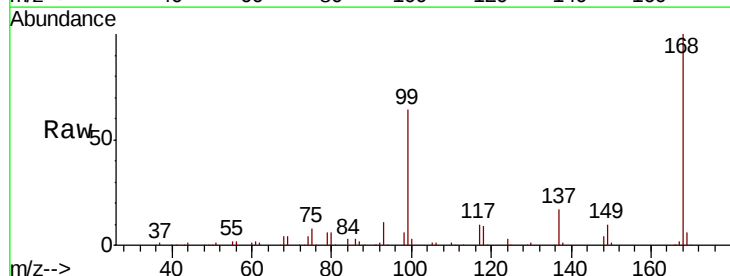
Instrument :
MSVOA_W
ClientSampleId :
BUS-1-4FT

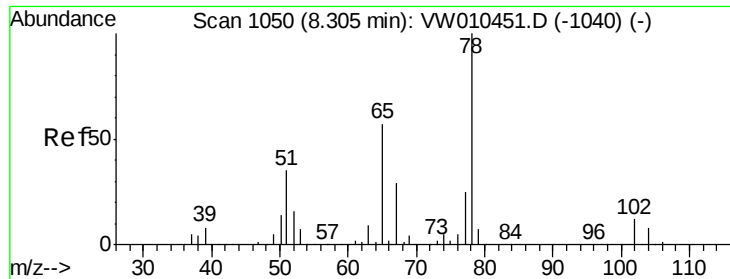
Tot Ion: 42 Resp: 471
Ion Ratio Lower Upper
42 100
72 10.4 38.5 57.7#
71 23.1 36.5 54.7#



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010468.D
Acq: 21 May 2019 01:00

Tgt Ion: 56 Resp: 2911
Ion Ratio Lower Upper
56 100
69 181.3 28.2 42.2#
84 140.5 75.8 113.8#

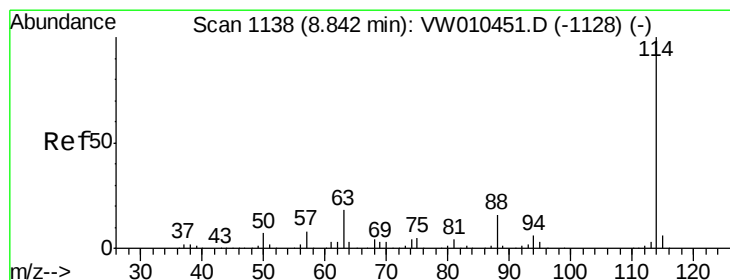
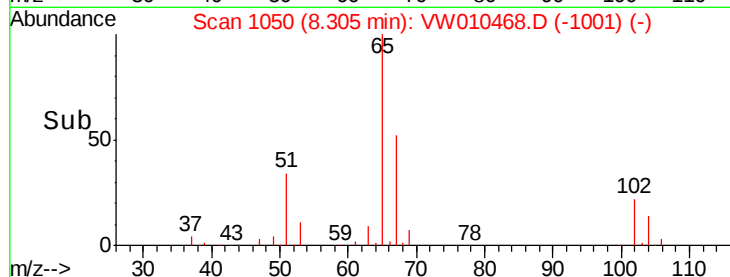
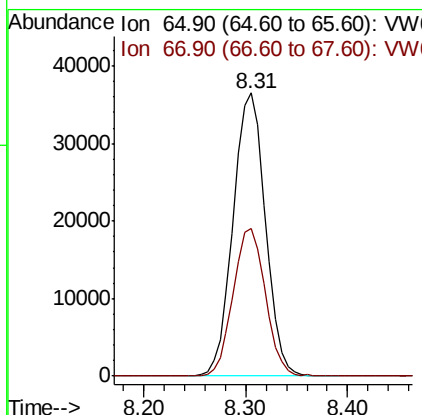
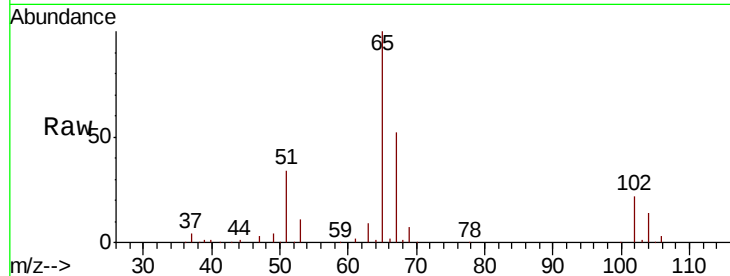




#33
 1,2-Dichloroethane-d4
 Concen: 58.497 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010468.D
 Acq: 21 May 2019 01:00

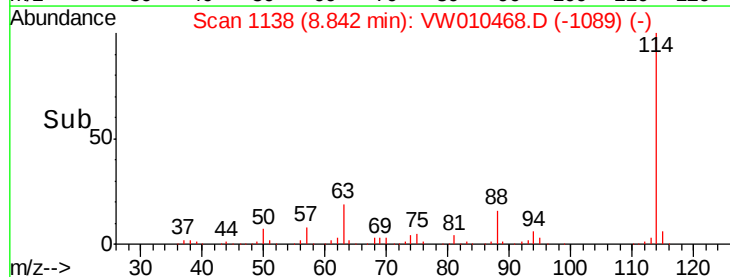
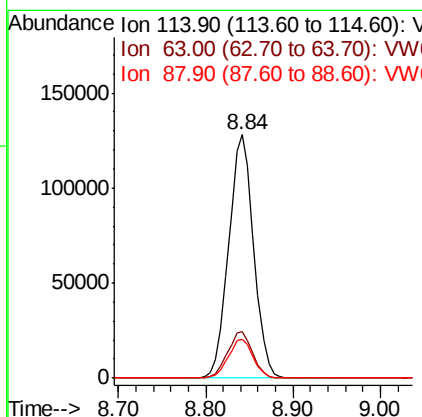
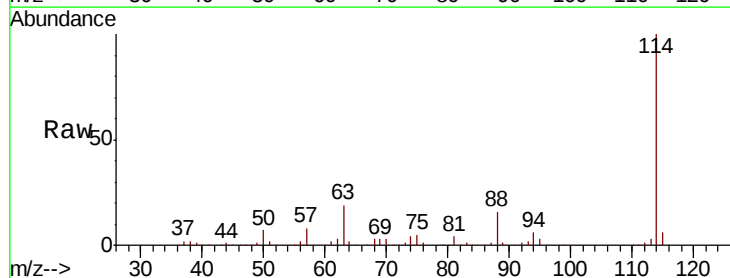
Instrument :
 MSVOA_W
 ClientSampleId :
 BUS-1-4FT

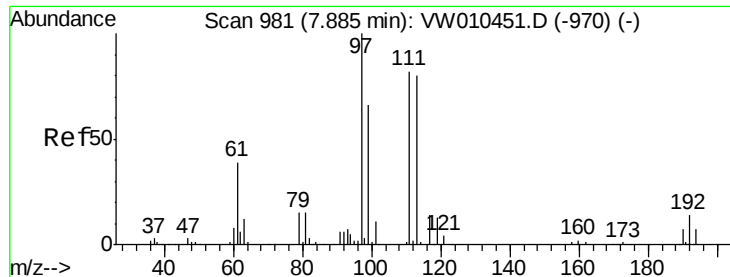
Tot Ion: 65 Resp: 80018
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010468.D
 Acq: 21 May 2019 01:00

Tgt Ion: 114 Resp: 252920
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.0
 88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.346 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010468.D

Acq: 21 May 2019 01:00

Instrument :
MSVOA_W
ClientSampleId :
BUS-1-4FT

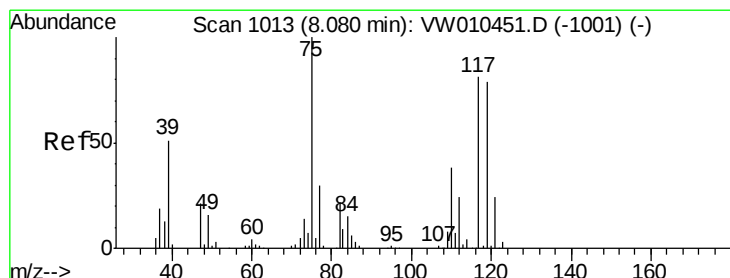
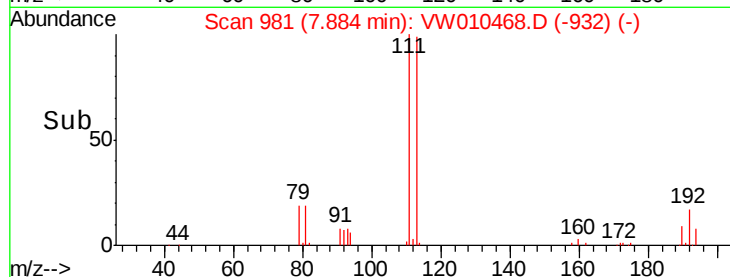
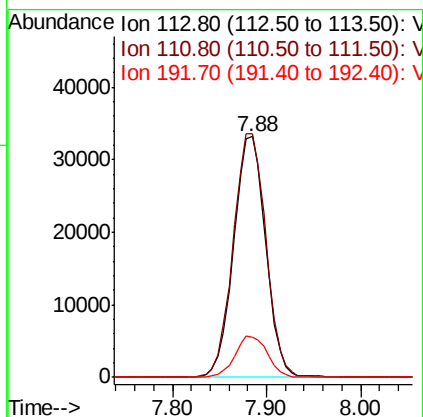
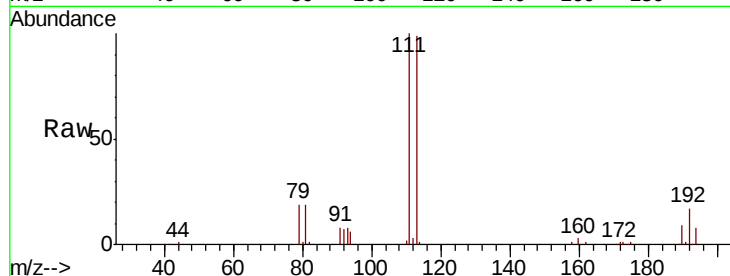
Tot Ion:113 Resp: 78799

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 17.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.498 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010468.D

Acq: 21 May 2019 01:00

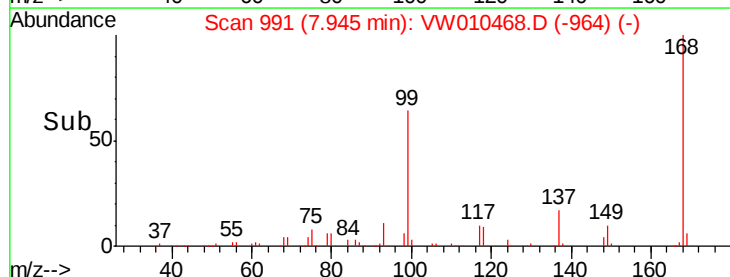
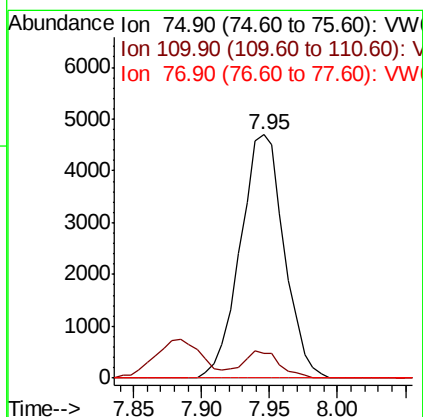
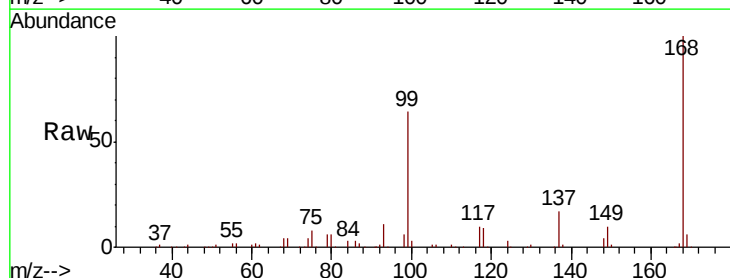
Tgt Ion: 75 Resp: 10598

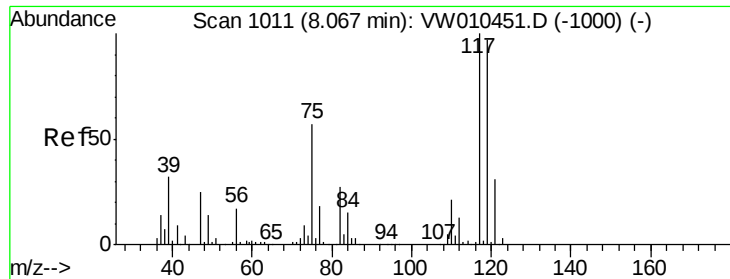
Ion Ratio Lower Upper

75 100

110 9.7 19.2 57.6#

77 0.0 25.2 37.8#

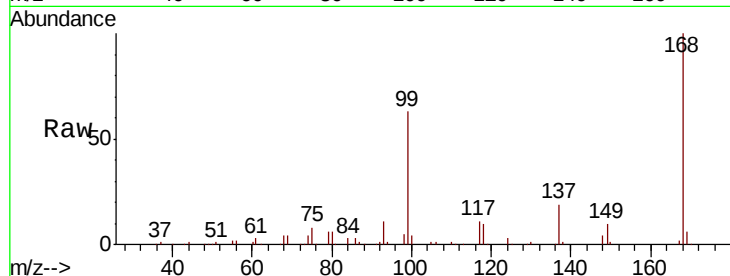




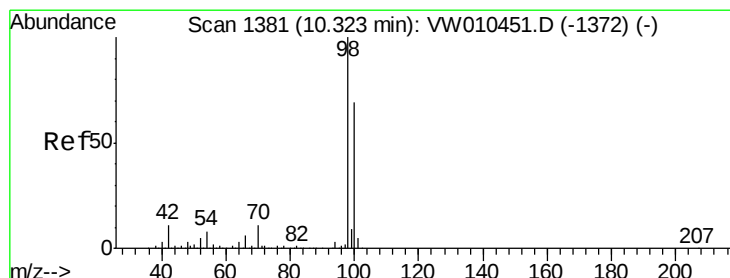
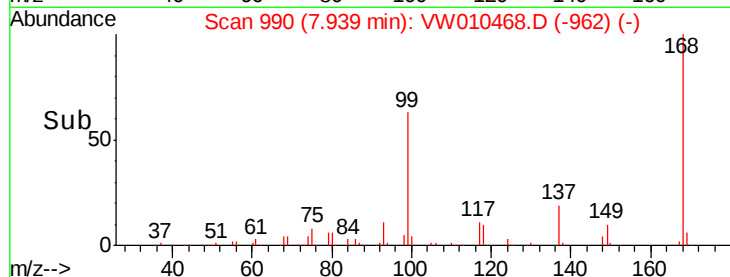
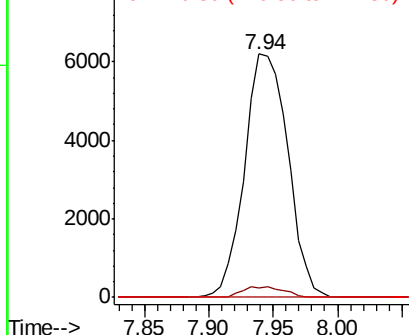
#38
Carbon Tetrachloride
Concen: 5.698 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW010468.D
Acq: 21 May 2019 01:00

Instrument :
MSVOA_W
ClientSampleId :
BUS-1-4FT

Tot Ion:117 Resp: 14482
Ion Ratio Lower Upper
117 100
119 4.0 77.4 116.0#
121 0.0 25.0 37.6#

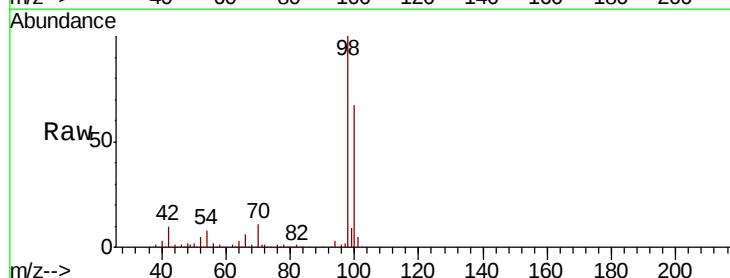


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

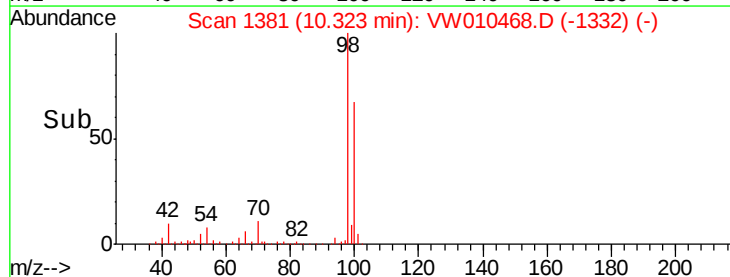
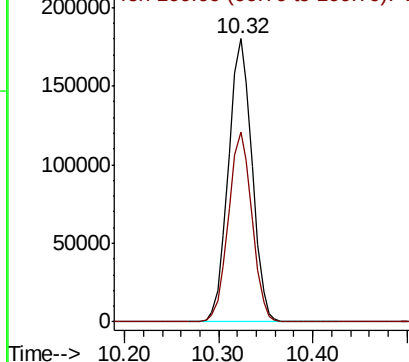


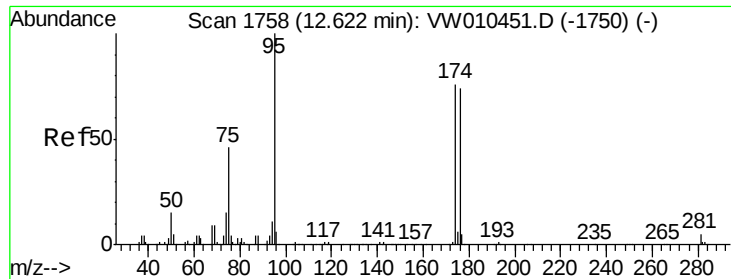
#50
Toluene-d8
Concen: 53.335 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010468.D
Acq: 21 May 2019 01:00

Tgt Ion: 98 Resp: 312692
Ion Ratio Lower Upper
98 100
100 66.7 53.7 80.5



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





#62

4-Bromofluorobenzene

Concen: 48.697 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010468.D

Acq: 21 May 2019 01:00

Instrument :

MSVOA_W

ClientSampleId :

BUS-1-4FT

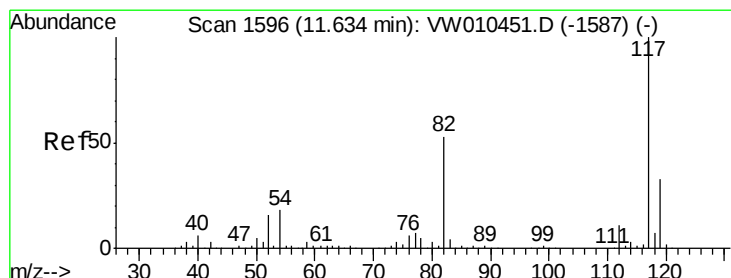
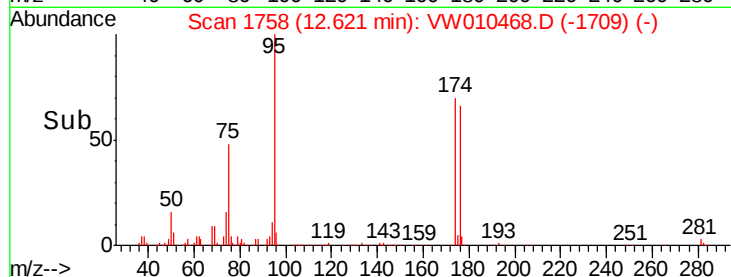
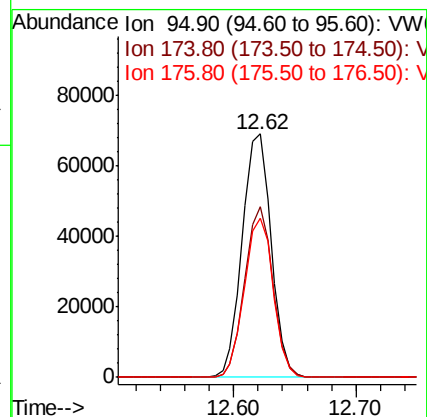
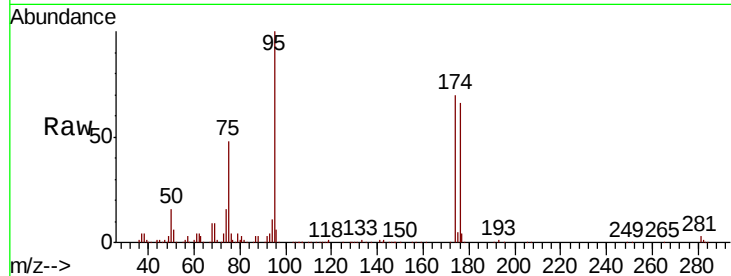
Tot Ion: 95 Resp: 113718

Ion Ratio Lower Upper

95 100

174 68.3 0.0 148.6

176 65.3 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: VW010468.D

Acq: 21 May 2019 01:00

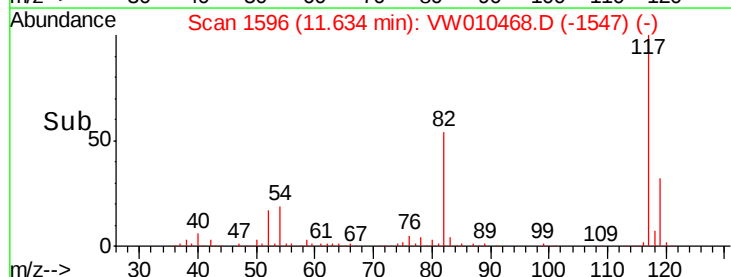
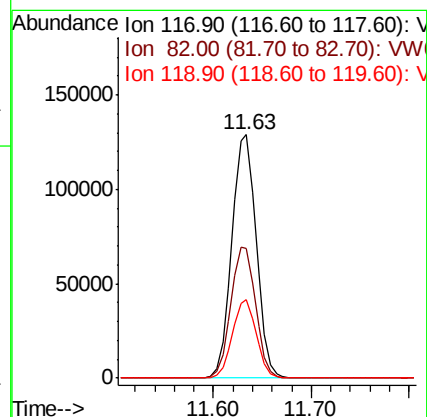
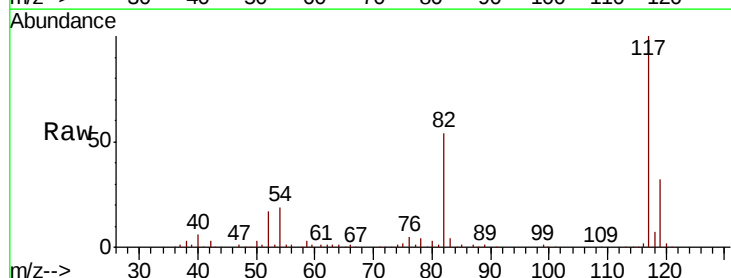
Tgt Ion: 117 Resp: 223076

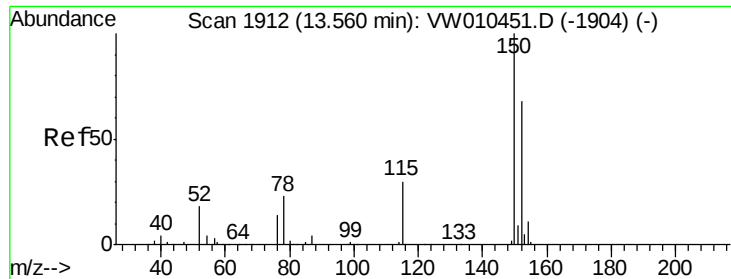
Ion Ratio Lower Upper

117 100

82 53.5 42.8 64.2

119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010468.D

Acq: 21 May 2019 01:00

Instrument :

MSVOA_W

ClientSampleId :

BUS-1-4FT

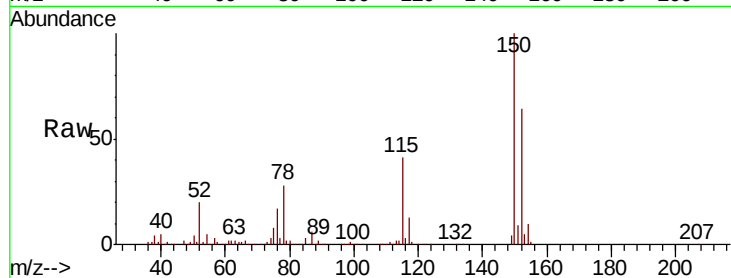
Tot Ion:152 Resp: 95137

Ion Ratio Lower Upper

152 100

115 63.9 30.3 91.0

150 157.8 0.0 349.8

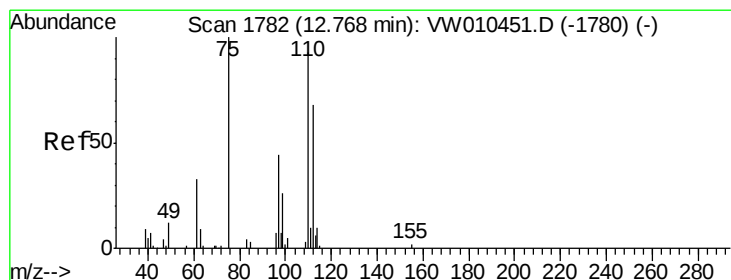
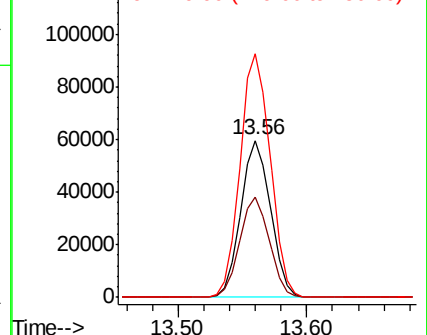
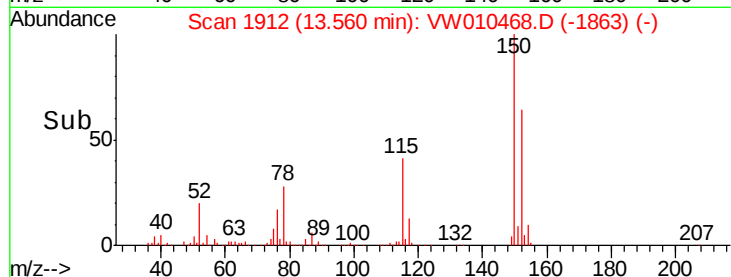


Abundance

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: 57.223 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010468.D

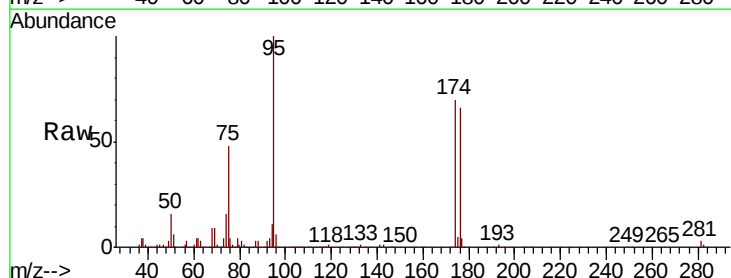
Acq: 21 May 2019 01:00

Tgt Ion: 75 Resp: 55260

Ion Ratio Lower Upper

75 100

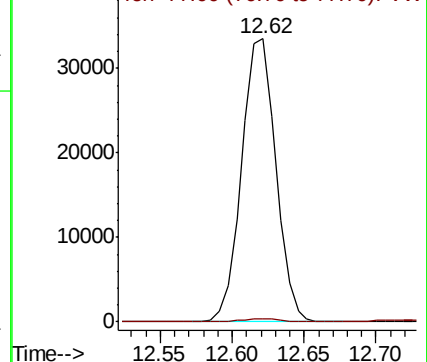
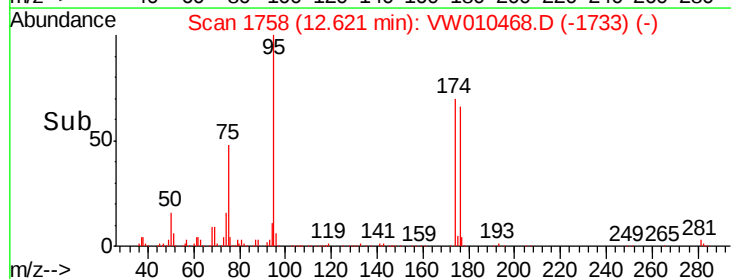
77 1.1 170.0 510.1#

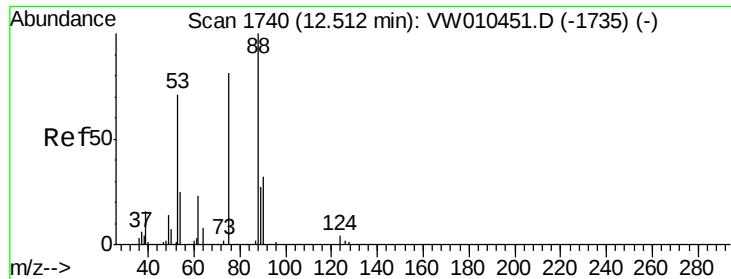


Abundance

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: 119.425 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010468.D

Acq: 21 May 2019 01:00

Instrument :

MSVOA_W

ClientSampleId :

BUS-1-4FT

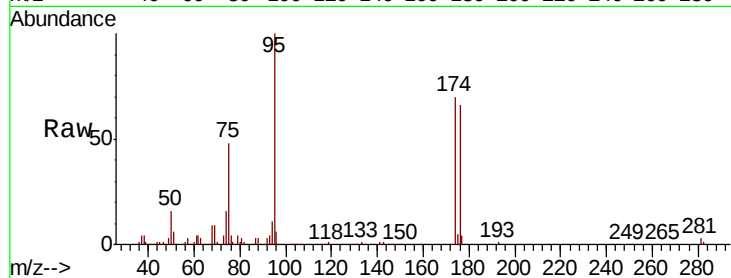
Tot Ion: 75 Resp: 55260

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#



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

