

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010610.D
 Acq On : 30 May 2019 12:50
 Operator : SY/VA
 Sample : K2971-07RE
 Misc : 5.57G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-7-052019

Quant Time: May 31 07:43:32 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	118303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	214398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	184685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77742	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	64258	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
35) Dibromofluoromethane	7.88	113	63276	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
50) Toluene-d8	10.32	98	259029	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.62	95	91997	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	

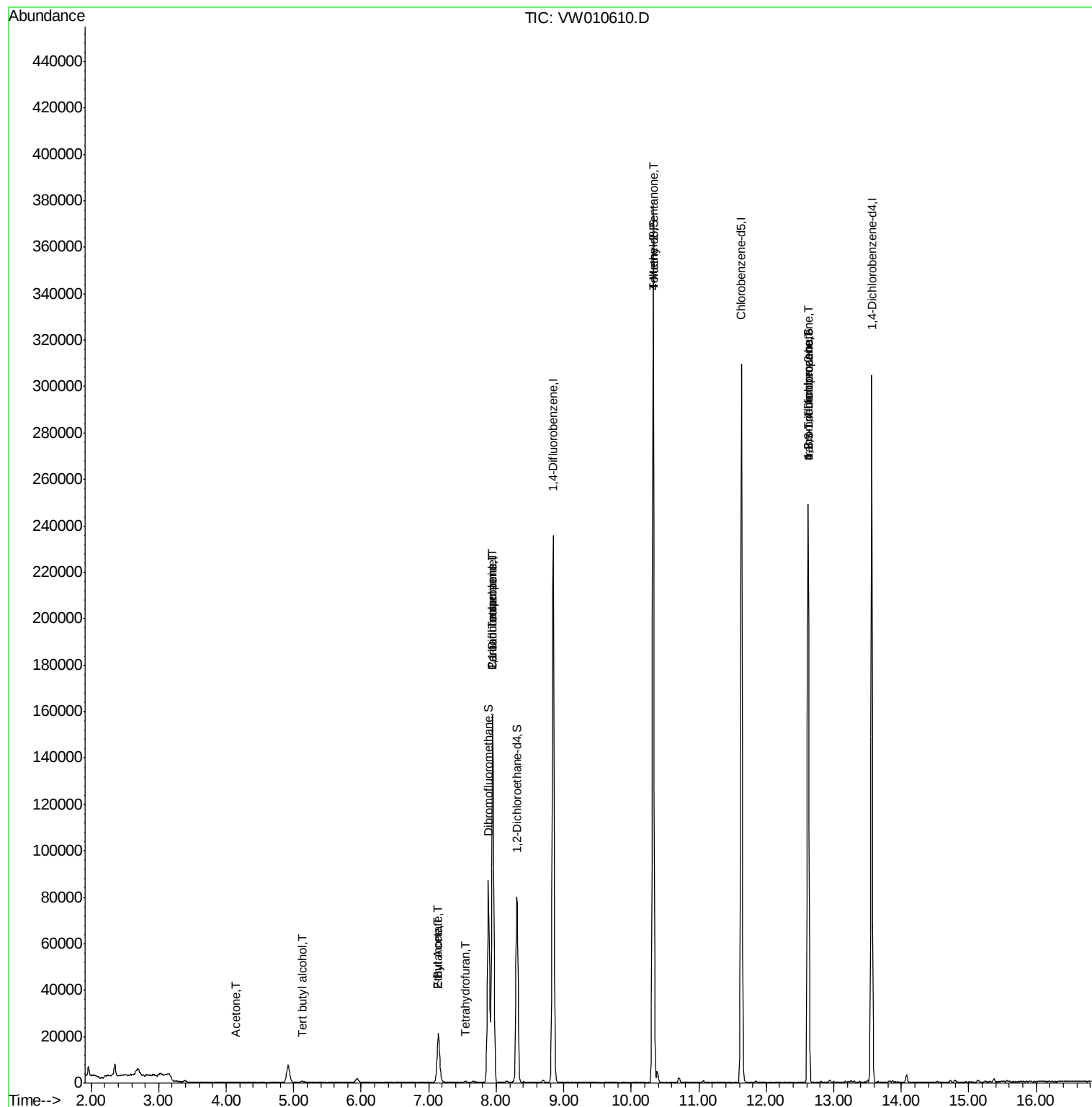
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	88	Below Cal	#	42
11) Tert butyl alcohol	5.12	59	267	2.431	ug/l #	71
16) Acetone	4.14	43	266	1.067	ug/l #	41
20) Methylene Chloride	4.92	84	6158	Below Cal		97
25) 2-Butanone	7.15	43	970	2.719	ug/l #	45
29) Tetrahydrofuran	7.54	42	459	1.902	ug/l #	71
36) 1,1-Dichloropropene	7.95	75	9211	4.612	ug/l #	49
37) Ethyl Acetate	7.15	43	970	1.142	ug/l #	1
38) Carbon Tetrachloride	7.95	117	12438	5.773	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	988	1.149	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	43042	54.544	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	43042	113.834	ug/l #	14

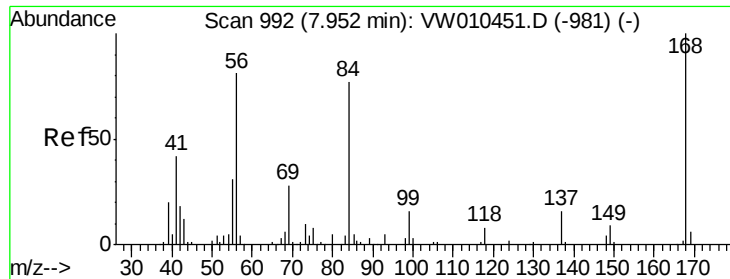
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW053019\
Data File : VW010610.D
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SUP-2A-G-7-052019

Quant Time: May 31 07:43:32 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: VW010610.D

Acq: 30 May 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

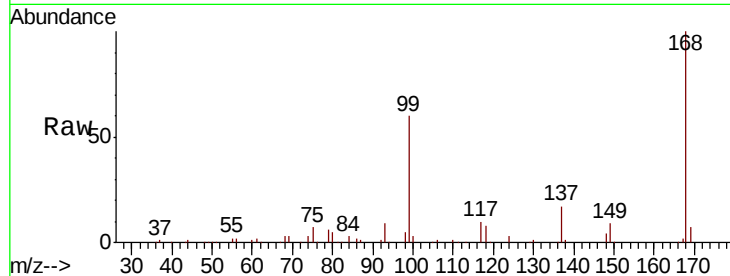
SUP-2A-G-7-052019

Tot Ion:168 Resp: 118303

Ion Ratio Lower Upper

168 100

99 59.5 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

60000

50000

40000

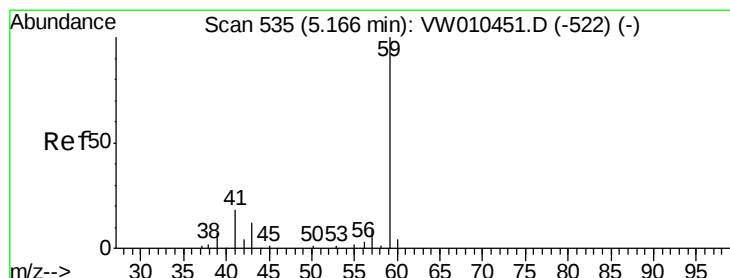
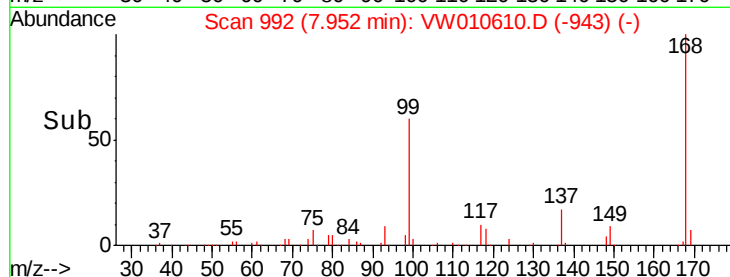
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.431 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.05 min

Lab File: VW010610.D

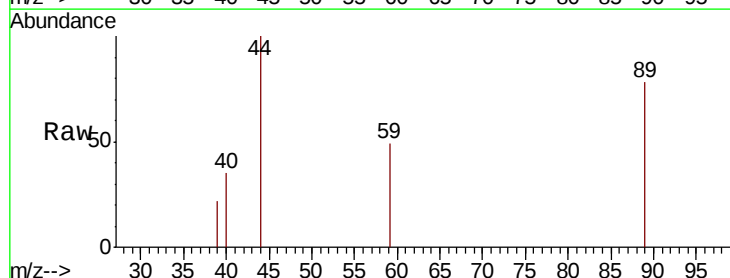
Acq: 30 May 2019 12:50

Tgt Ion: 59 Resp: 267

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

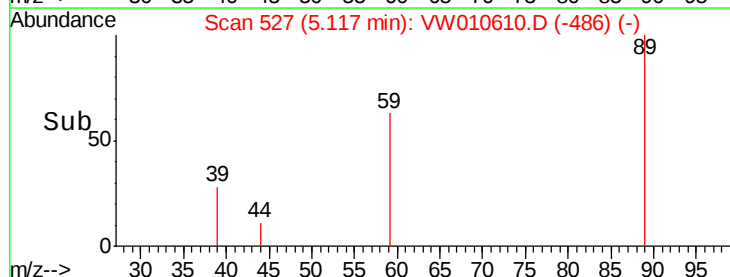
5.12

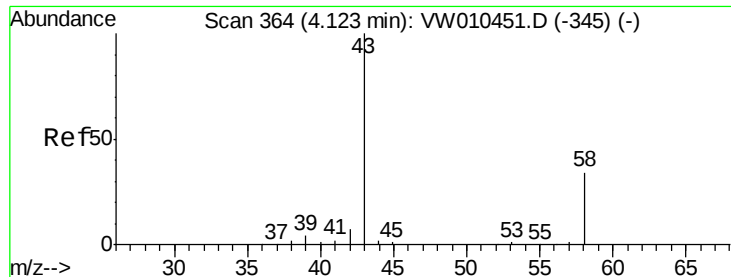
100

50

0

Time-->





#16

Acetone

Concen: 1.067 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW010610.D

Acq: 30 May 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

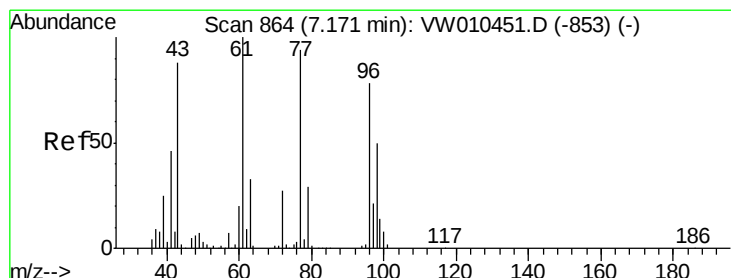
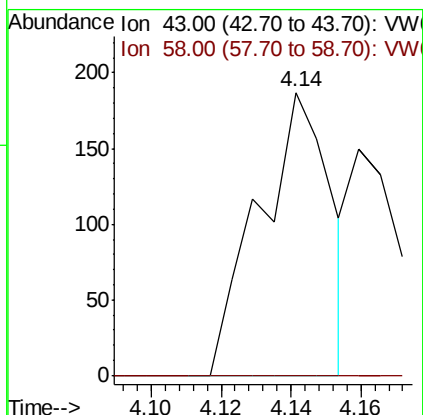
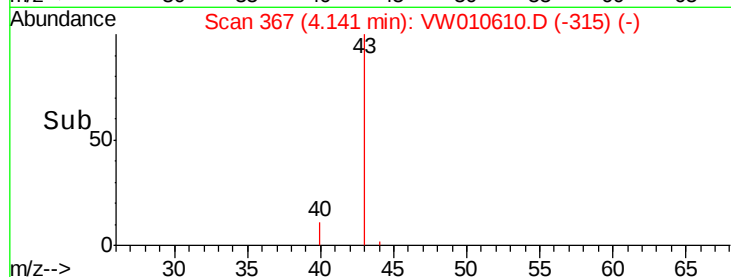
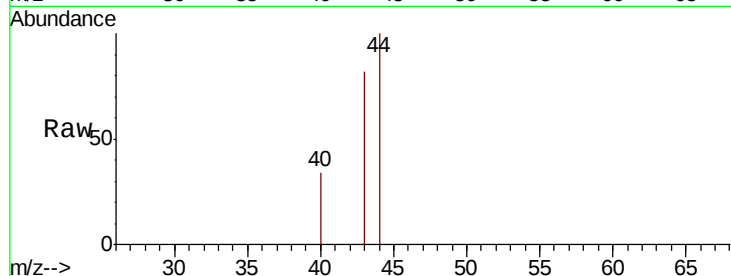
SUP-2A-G-7-052019

Tot Ion: 43 Resp: 266

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.4#



#25

2-Butanone

Concen: 2.719 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW010610.D

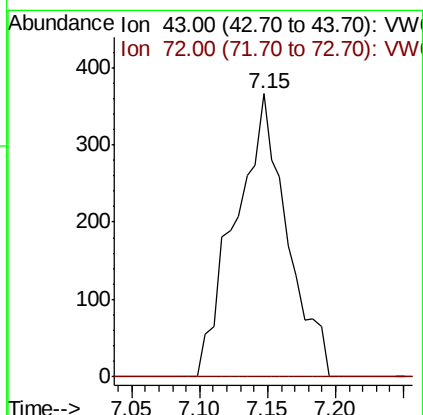
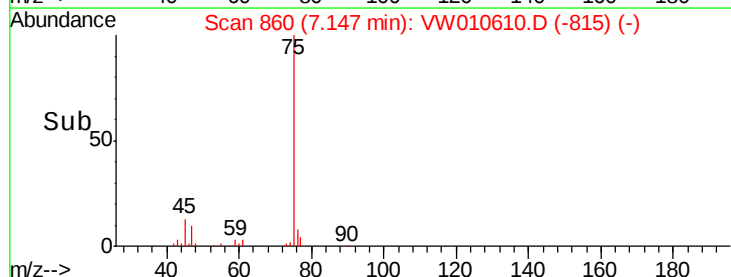
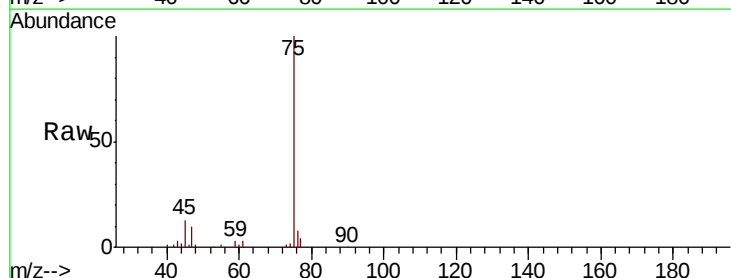
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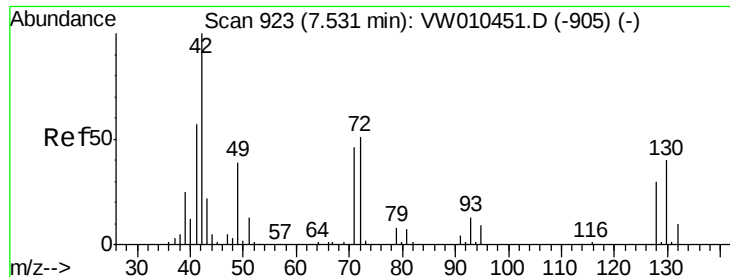
Tgt Ion: 43 Resp: 970

Ion Ratio Lower Upper

43 100

72 0.0 24.1 36.1#

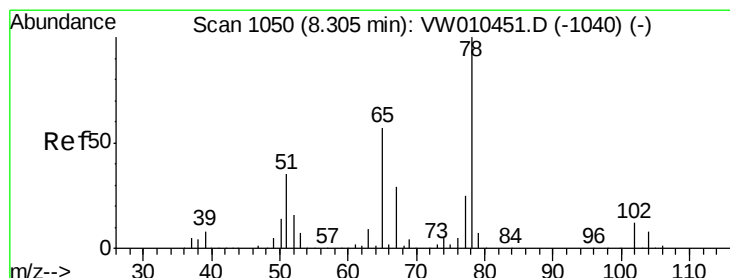
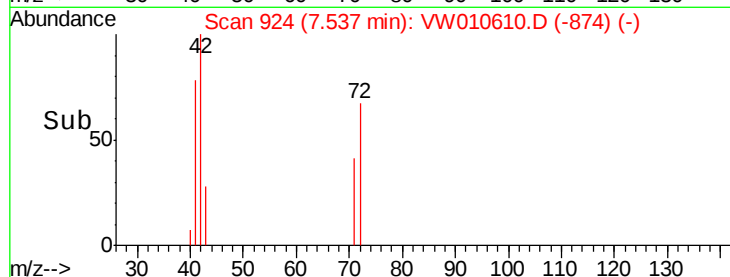
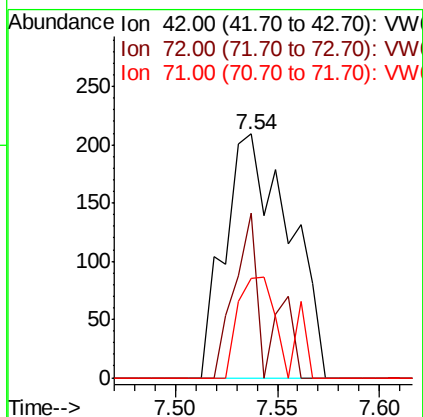
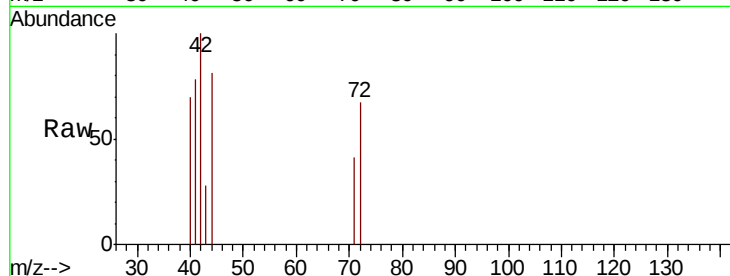




#29
Tetrahydrofuran
Concen: 1.902 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW010610.D
Acq: 30 May 2019 12:50

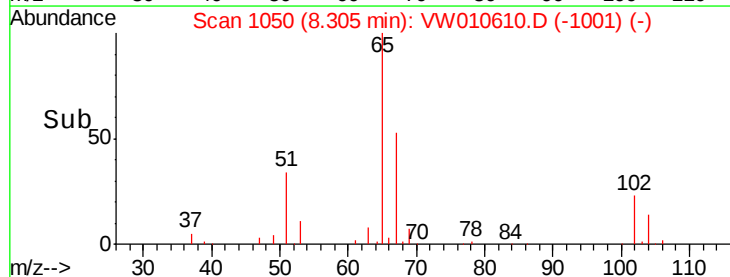
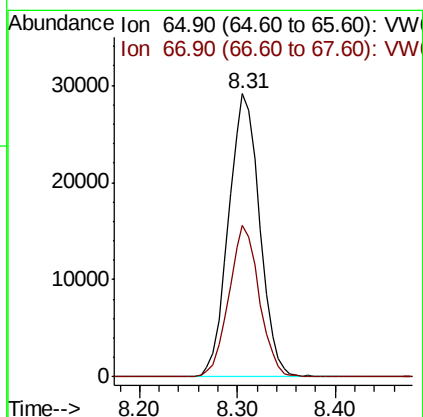
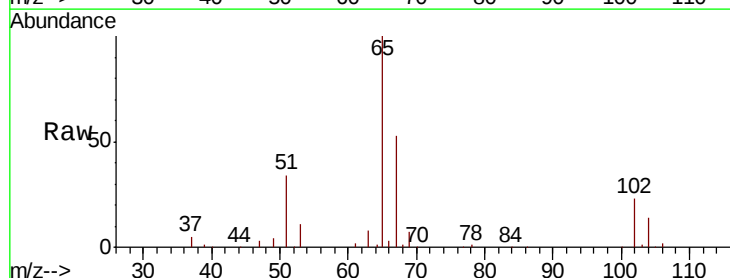
Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-7-052019

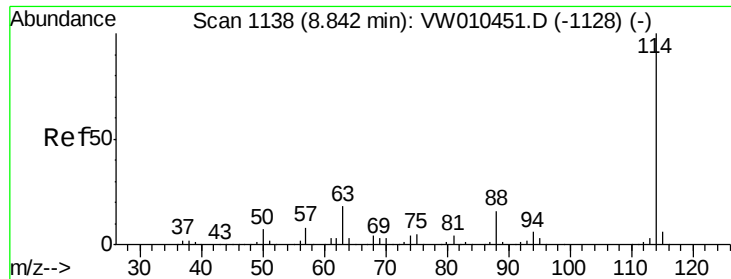
Tot Ion: 42 Resp: 459
Ion Ratio Lower Upper
42 100
72 32.5 38.5 57.7#
71 23.1 36.5 54.7#



#33
1,2-Dichloroethane-d4
Concen: 52.624 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010610.D
Acq: 30 May 2019 12:50

Tgt Ion: 65 Resp: 64258
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.6

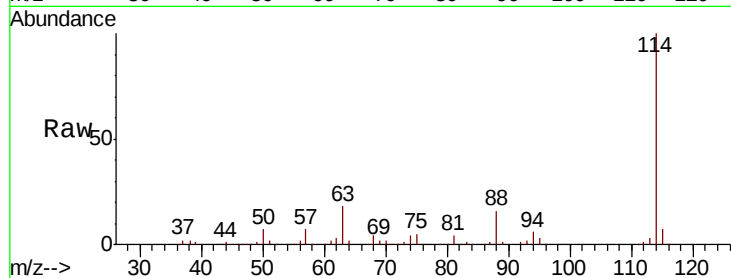




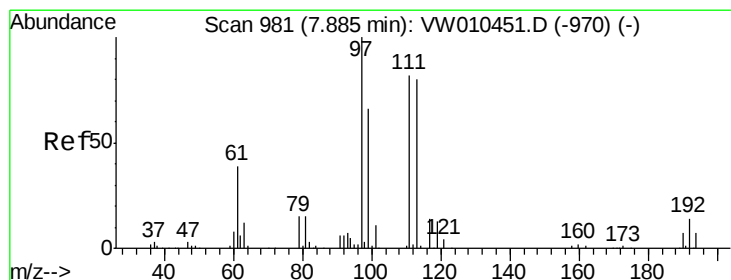
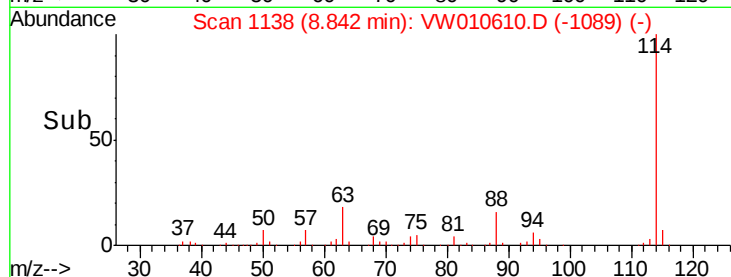
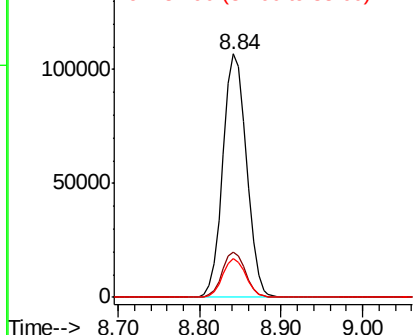
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010610.D
Acq: 30 May 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-7-052019

Tot Ion:114 Resp: 214398
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.0
88 16.0 0.0 32.0

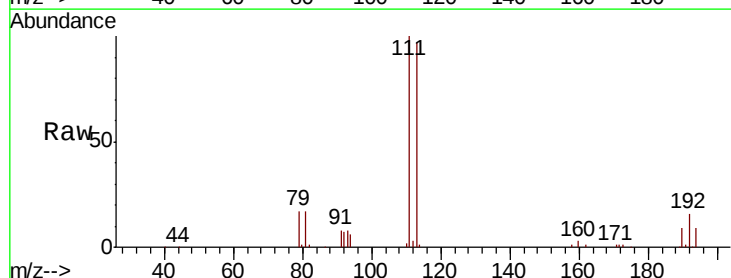


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

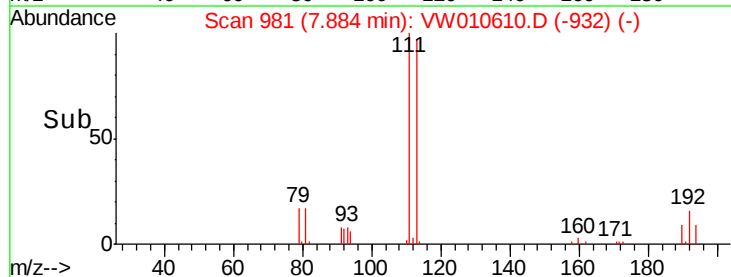
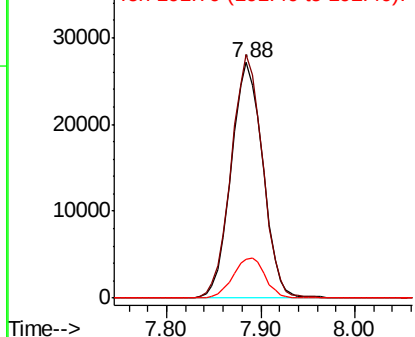


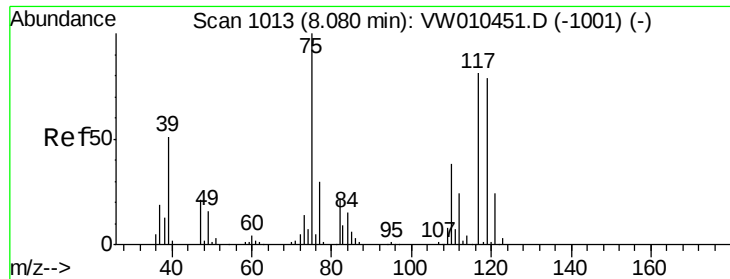
#35
Dibromofluoromethane
Concen: 48.639 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010610.D
Acq: 30 May 2019 12:50

Tgt Ion:113 Resp: 63276
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.2 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

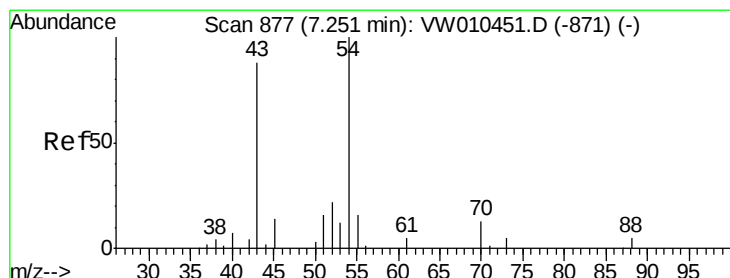
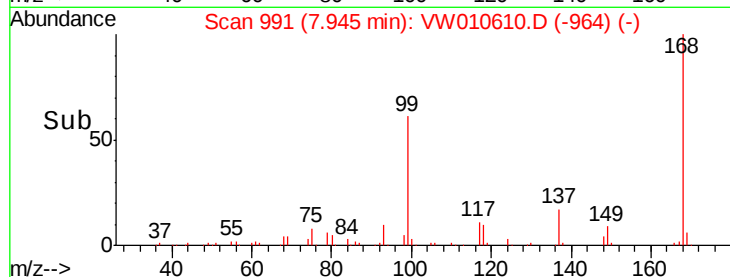
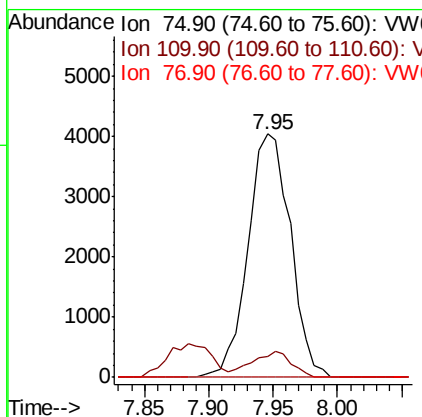
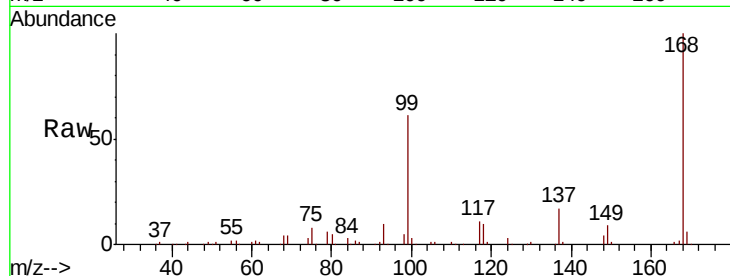




#36
 1,1-Dichloropropene
 Concen: 4.612 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010610.D
 Acq: 30 May 2019 12:50

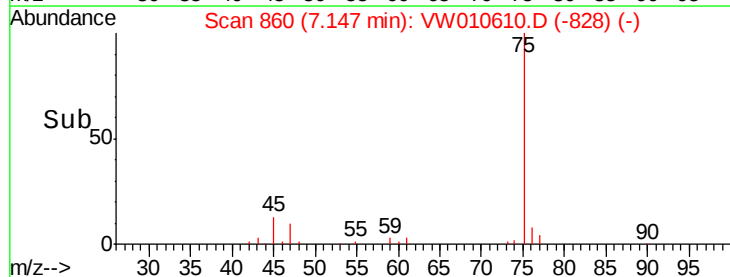
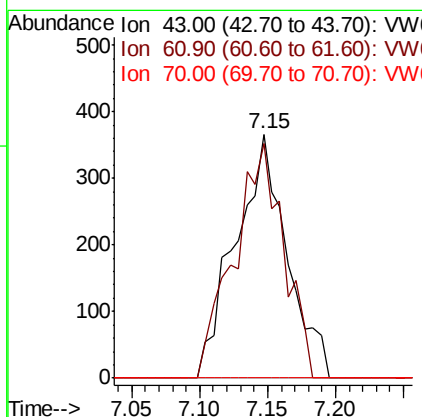
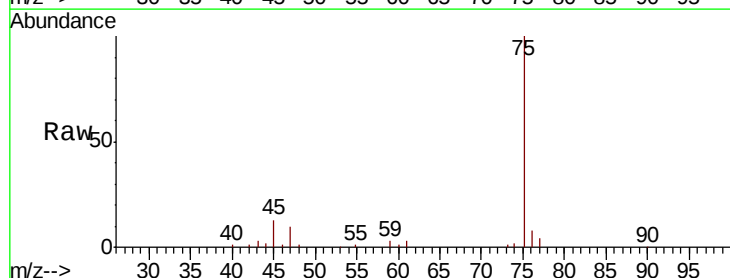
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-7-052019

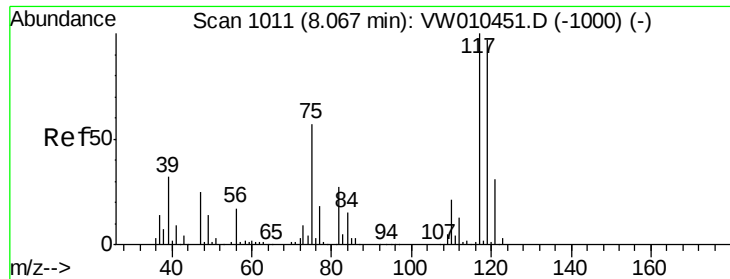
Tot Ion: 75 Resp: 9211
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.2 57.6#
 77 0.0 25.2 37.8#



#37
 Ethyl Acetate
 Concen: 1.142 ug/l
 RT: 7.15 min Scan# 860
 Delta R.T. -0.10 min
 Lab File: VW010610.D
 Acq: 30 May 2019 12:50

Tgt Ion: 43 Resp: 970
 Ion Ratio Lower Upper
 43 100
 61 93.1 11.2 16.8#
 70 0.0 9.9 14.9#

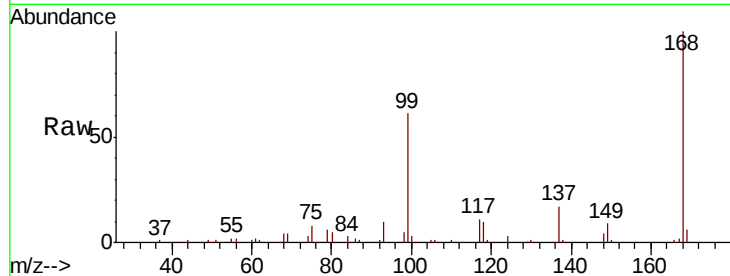




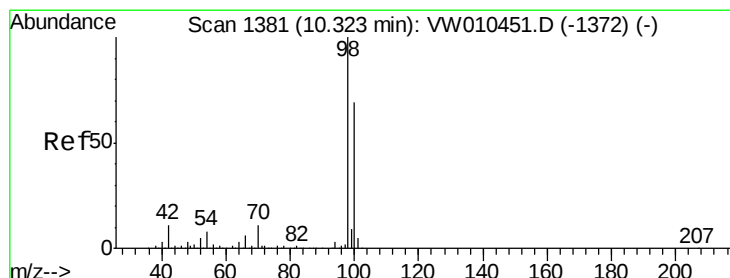
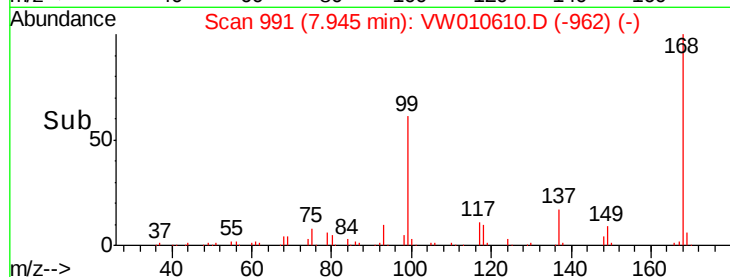
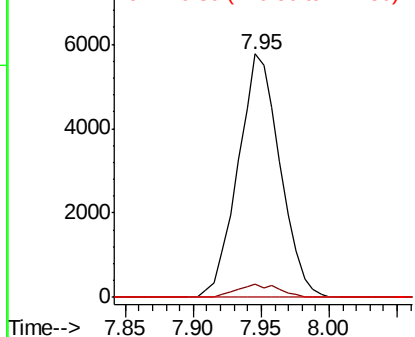
#38
Carbon Tetrachloride
Concen: 5.773 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010610.D
Acq: 30 May 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-7-052019

Tot Ion:117 Resp: 12438
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.0#
121 0.0 25.0 37.6#

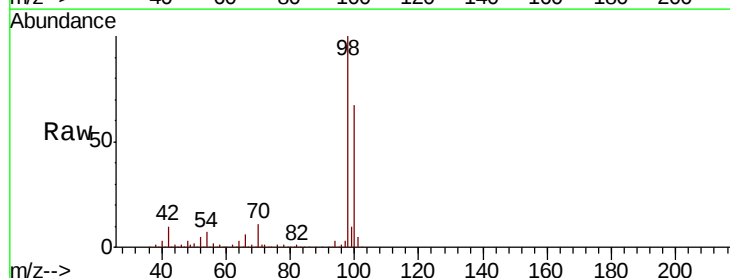


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

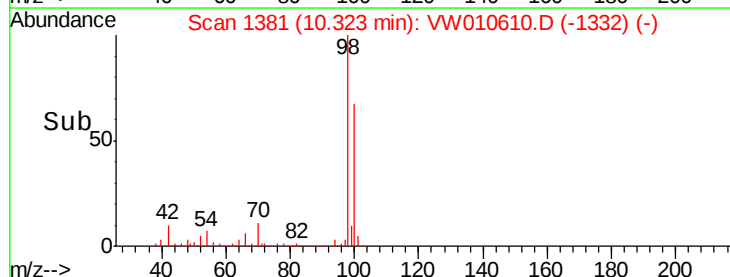
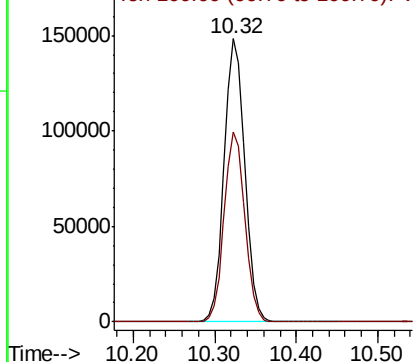


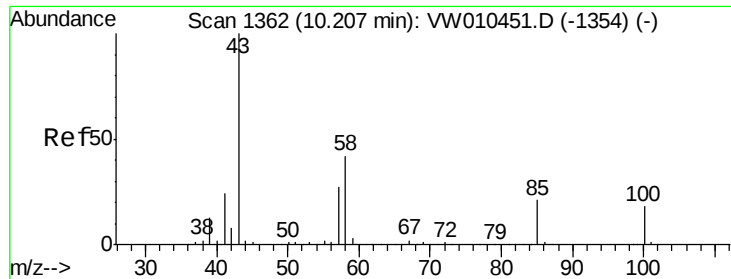
#50
Toluene-d8
Concen: 52.120 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010610.D
Acq: 30 May 2019 12:50

Tgt Ion: 98 Resp: 259029
Ion Ratio Lower Upper
98 100
100 67.2 53.7 80.5



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





#51

4-Methyl-2-Pentanone

Concen: 1.149 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW010610.D

Acq: 30 May 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

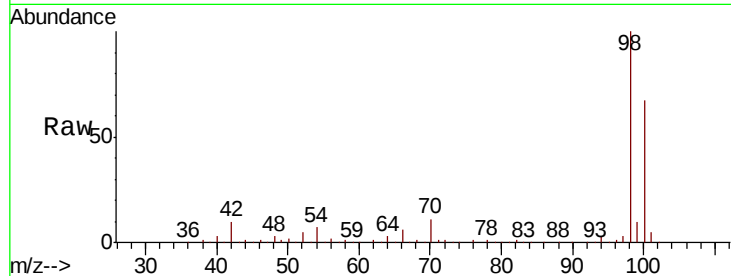
SUP-2A-G-7-052019

Tot Ion: 43 Resp: 988

Ion Ratio Lower Upper

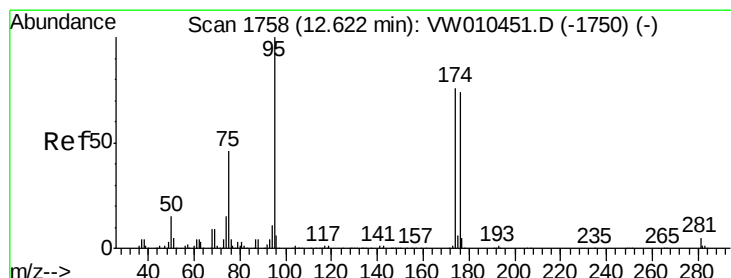
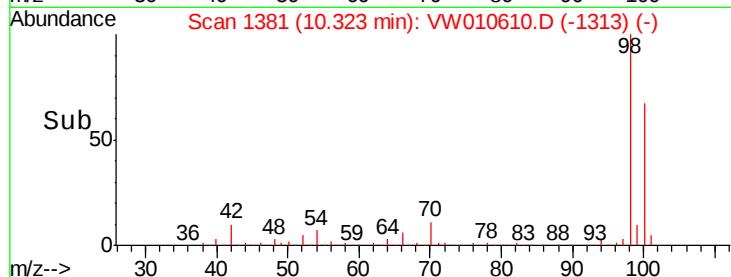
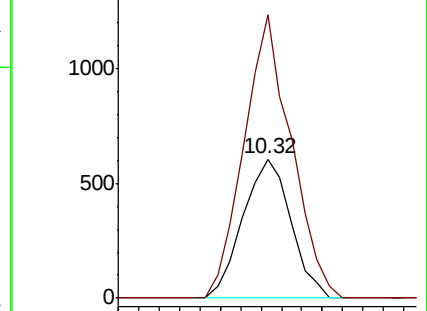
43 100

58 201.0 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 46.473 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010610.D

Acq: 30 May 2019 12:50

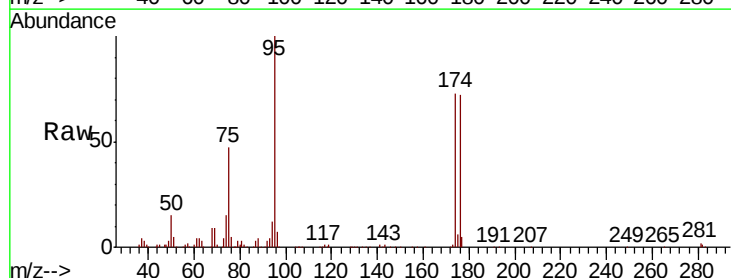
Tgt Ion: 95 Resp: 91997

Ion Ratio Lower Upper

95 100

174 71.2 0.0 148.6

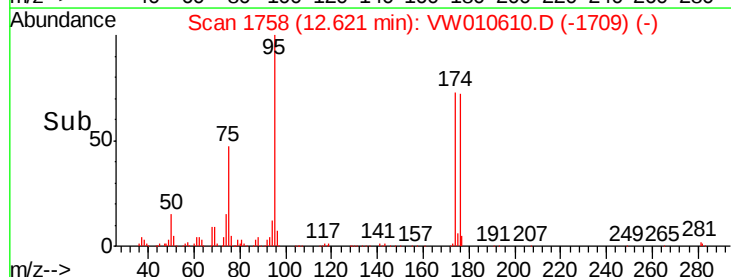
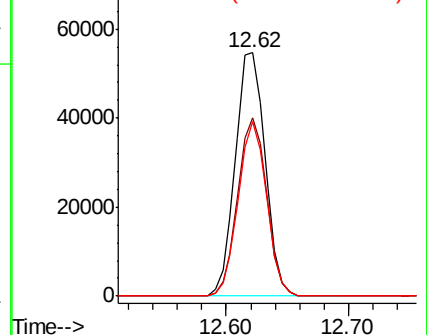
176 68.3 0.0 144.2

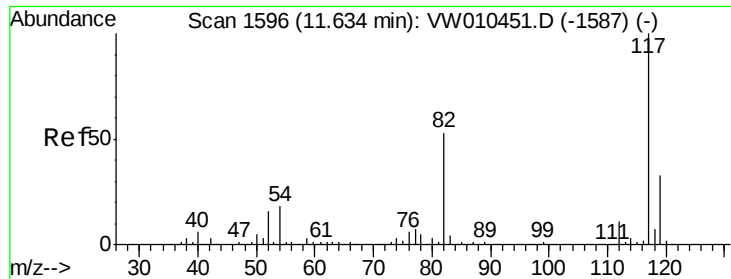


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

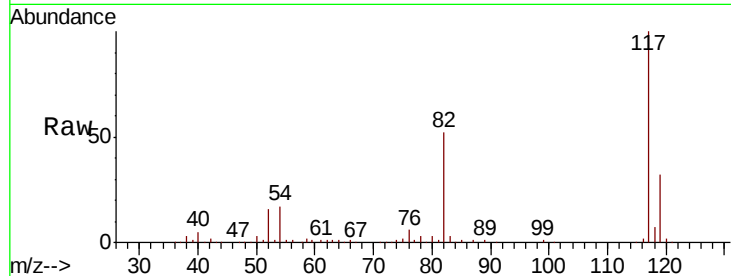




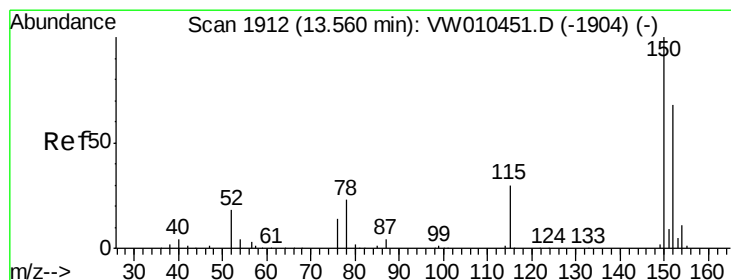
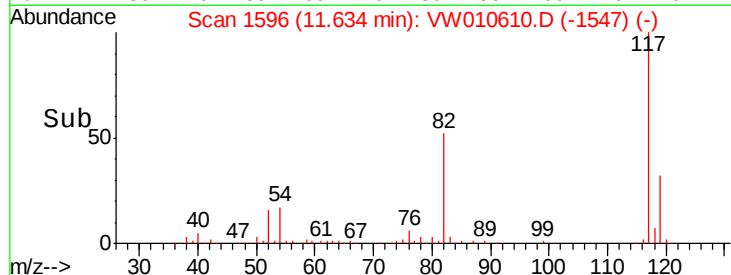
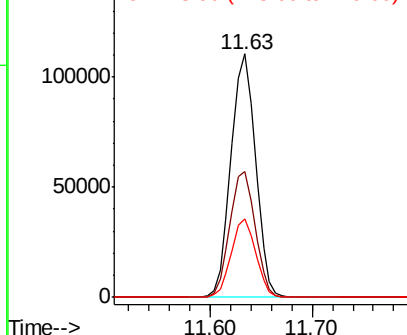
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010610.D
Acq: 30 May 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-7-052019

Tot Ion:117 Resp: 184685
Ion Ratio Lower Upper
117 100
82 51.7 42.8 64.2
119 32.3 26.3 39.5

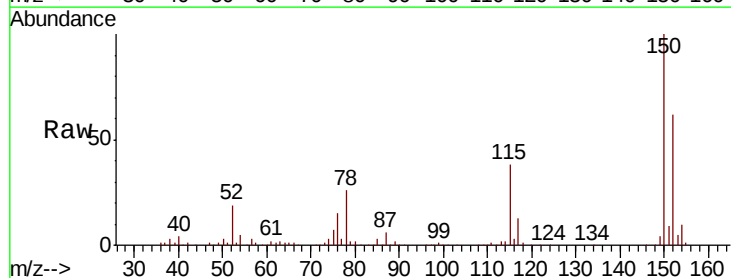


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

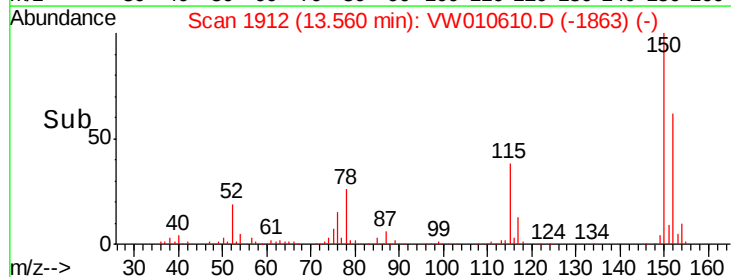
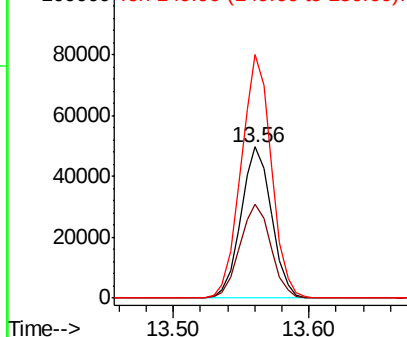


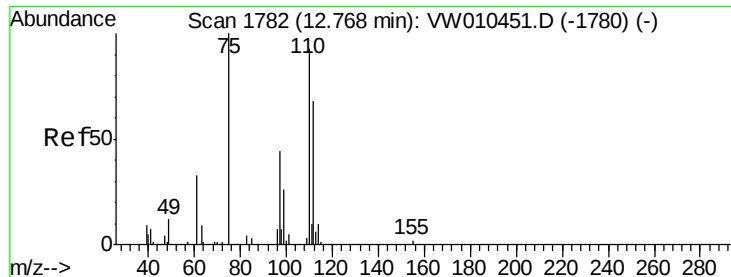
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010610.D
Acq: 30 May 2019 12:50

Tgt Ion:152 Resp: 77742
Ion Ratio Lower Upper
152 100
115 63.0 30.3 91.0
150 159.7 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: 54.544 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010610.D

Acq: 30 May 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

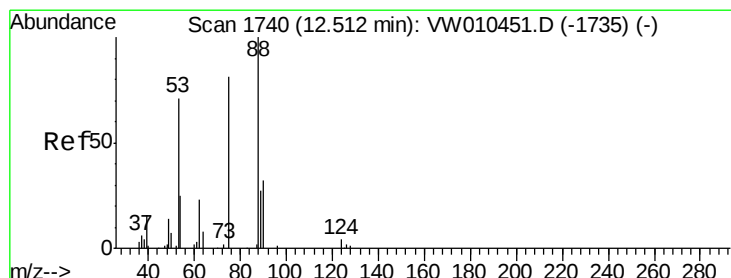
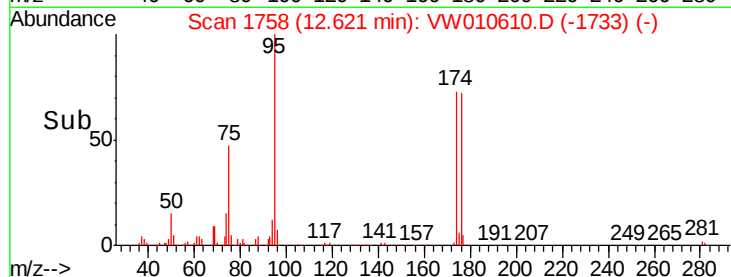
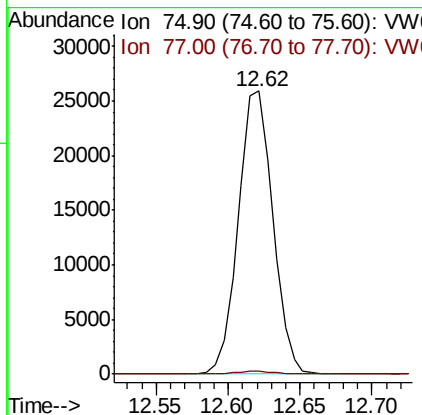
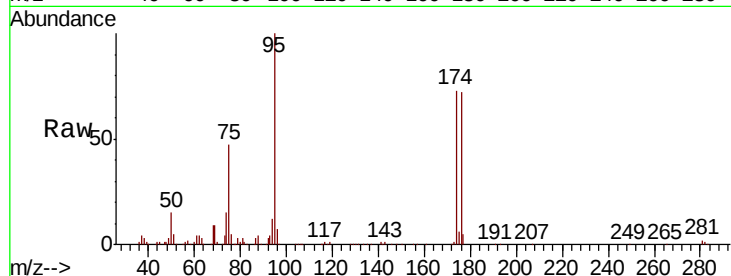
SUP-2A-G-7-052019

Tot Ion: 75 Resp: 43042

Ion Ratio Lower Upper

75 100

77 1.0 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.834 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010610.D

Acq: 30 May 2019 12:50

Tgt Ion: 75 Resp: 43042

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.1 39.5 59.3#

