

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011066.D
 Acq On : 28 Jun 2019 17:21
 Operator : SY/VA
 Sample : K3552-16RE
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-8A

Quant Time: Jun 29 01:51:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116442	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	130926	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	
35) Dibromofluoromethane	7.88	113	99688	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
50) Toluene-d8	10.32	98	411178	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.61	95	133505	44.20	ug/l	0.00
Spiked Amount			Recovery	=	88.40%	

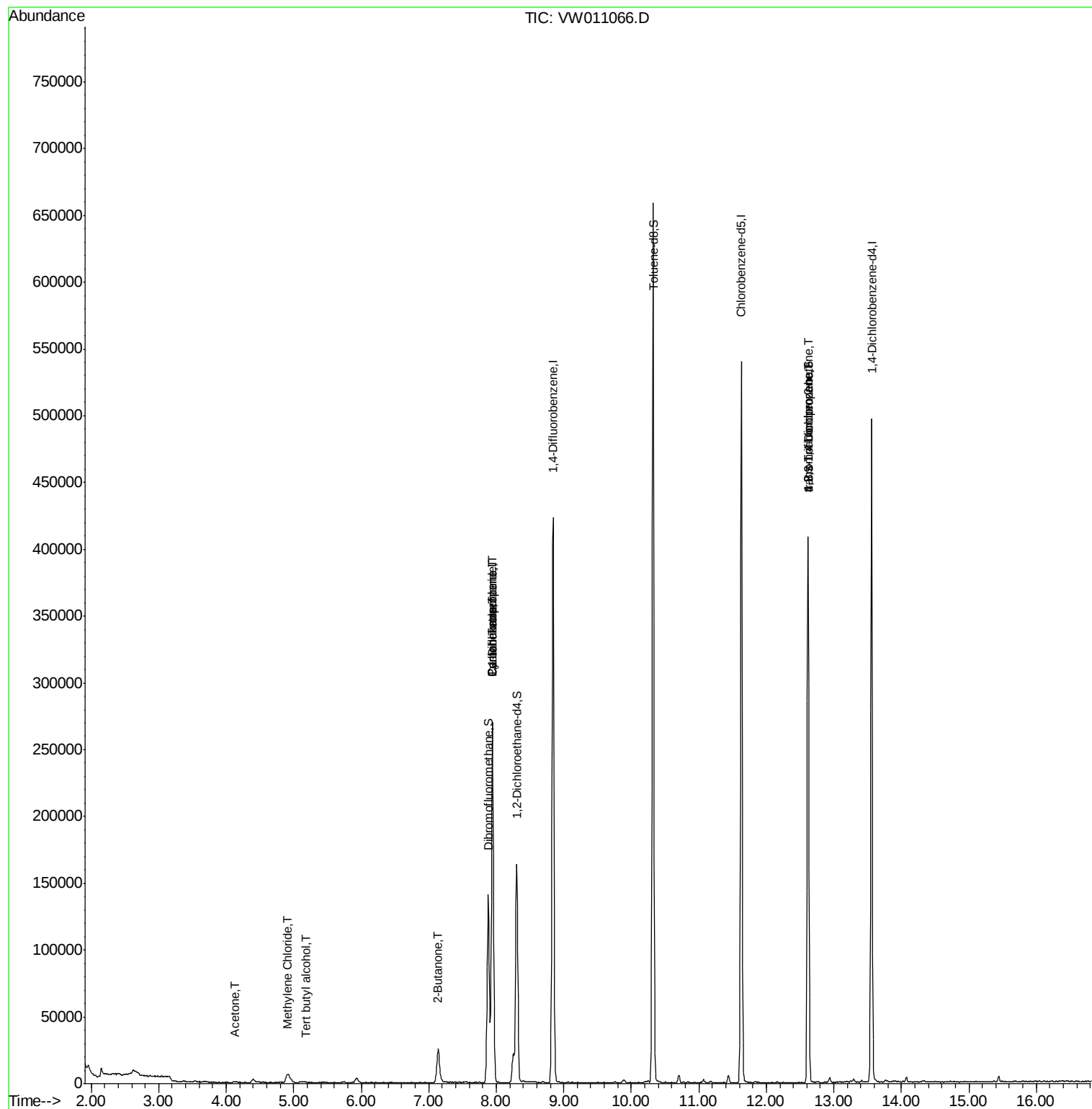
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	191	1.062	ug/l #	71
16) Acetone	4.13	43	1424	2.356	ug/l #	88
20) Methylene Chloride	4.90	84	5466	2.226	ug/l	94
25) 2-Butanone	7.14	43	1301	1.416	ug/l	91
31) Cyclohexane	7.94	56	5369	1.134	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	17508	4.958	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19501	6.705	ug/l #	15
76) 1,2,3-Trichloropropane	12.61	75	72527	58.997	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.61	75	72527	119.334	ug/l #	3

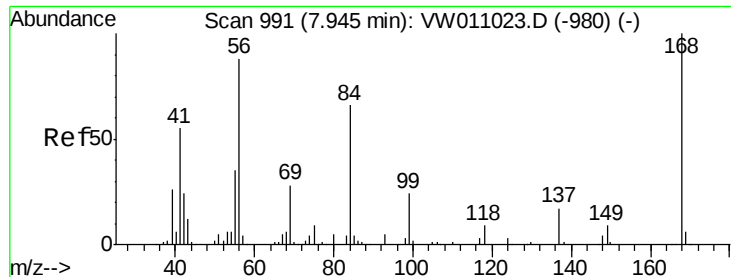
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 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: VW011066.D

Acq: 28 Jun 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

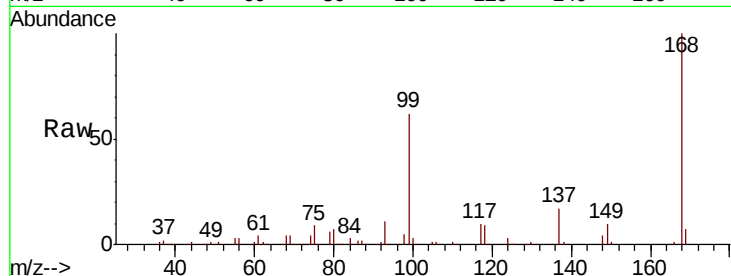
M-8A

Tot Ion:168 Resp: 189382

Ion Ratio Lower Upper

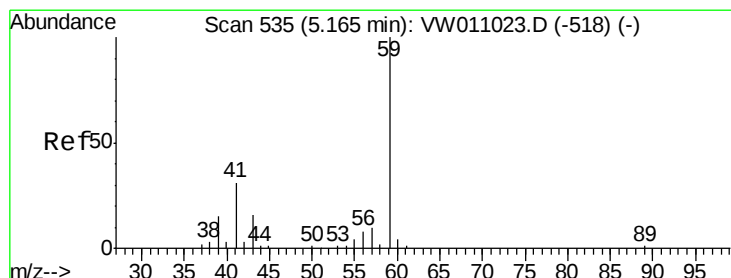
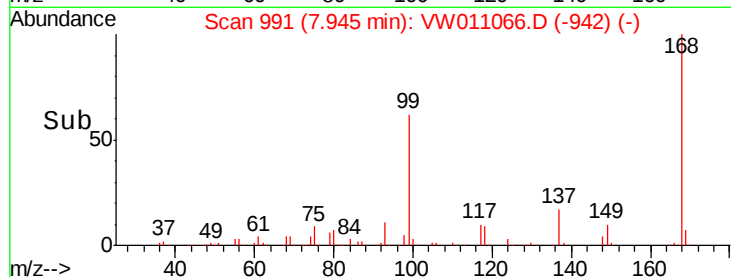
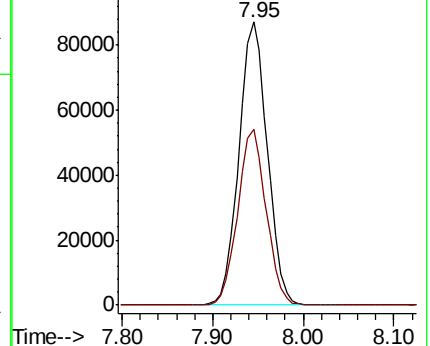
168 100

99 62.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.062 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW011066.D

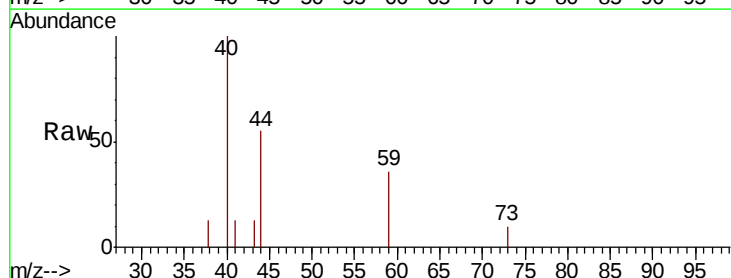
Acq: 28 Jun 2019 17:21

Tgt Ion: 59 Resp: 191

Ion Ratio Lower Upper

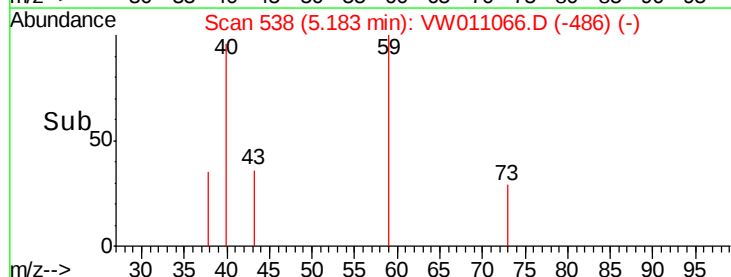
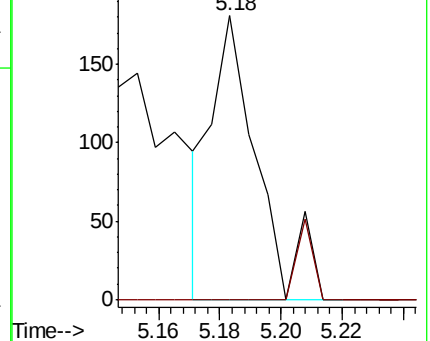
59 100

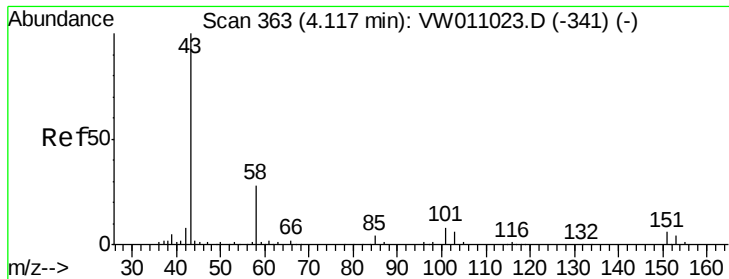
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 2.356 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011066.D

Acq: 28 Jun 2019 17:21

Instrument :

MSVOA_W

ClientSampled :

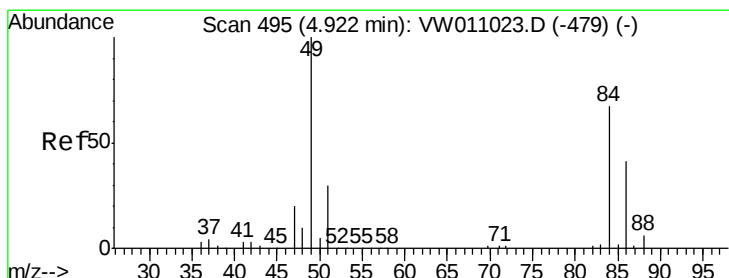
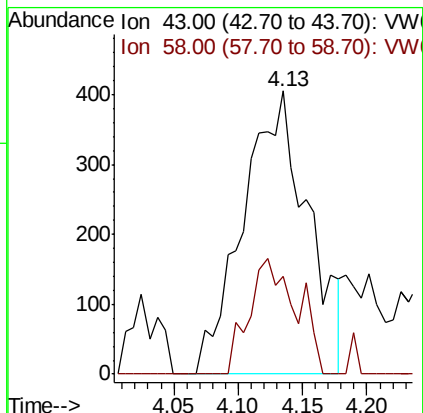
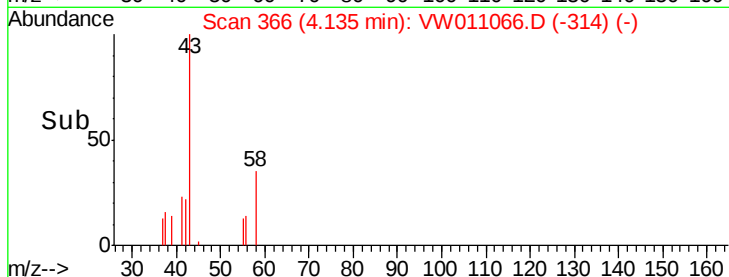
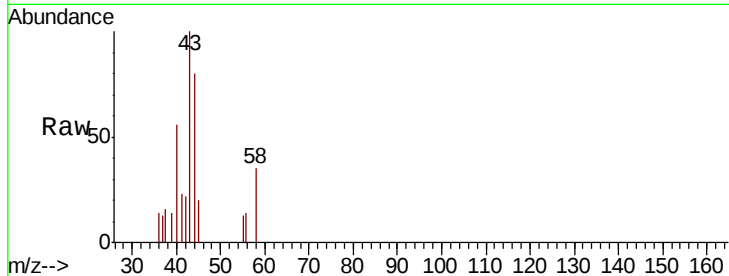
M-8A

Tot Ion: 43 Resp: 1424

Ion Ratio Lower Upper

43 100

58 34.6 22.5 33.7#



#20

Methylene Chloride

Concen: 2.226 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW011066.D

Acq: 28 Jun 2019 17:21

Tgt Ion: 84 Resp: 5466

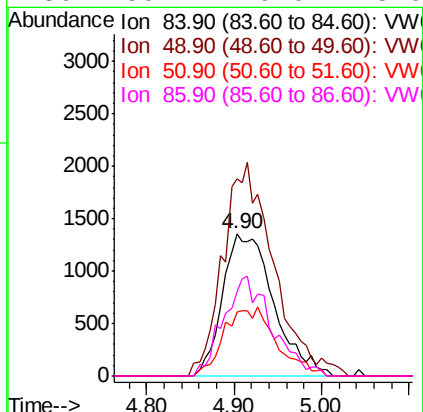
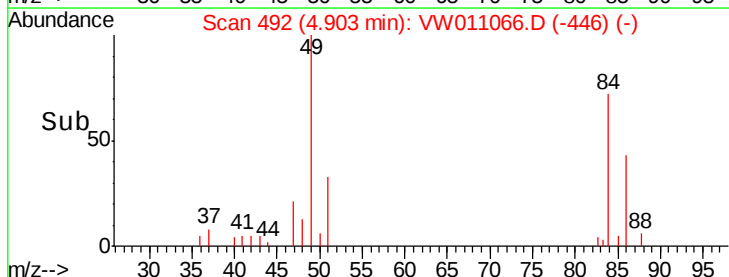
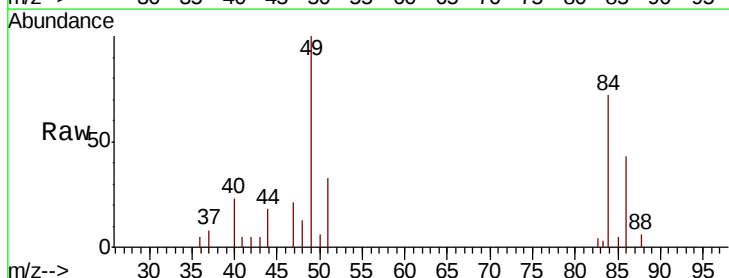
Ion Ratio Lower Upper

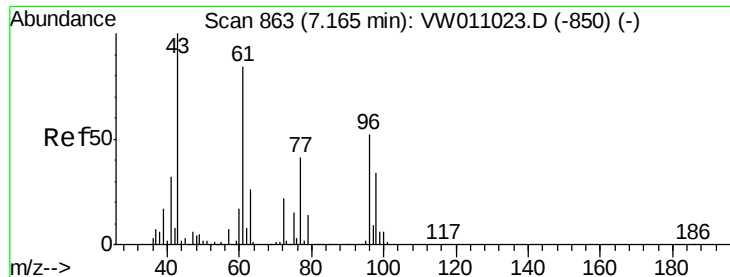
84 100

49 138.9 119.6 179.4

51 45.1 35.6 53.4

86 59.4 49.0 73.6

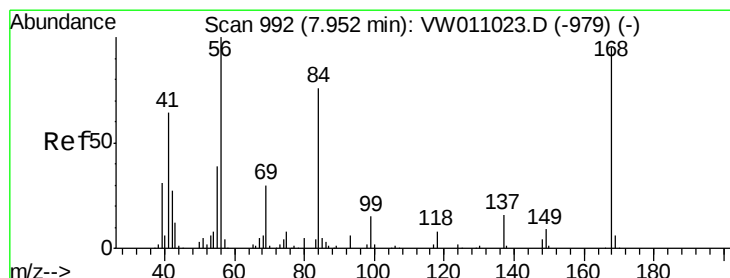
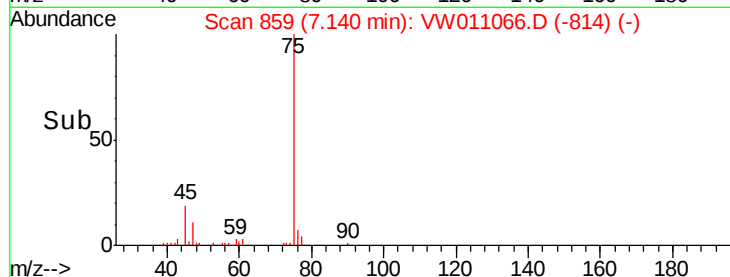
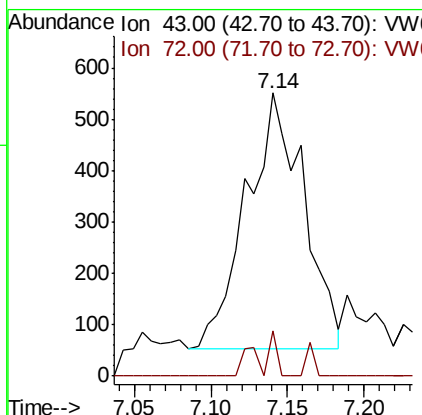
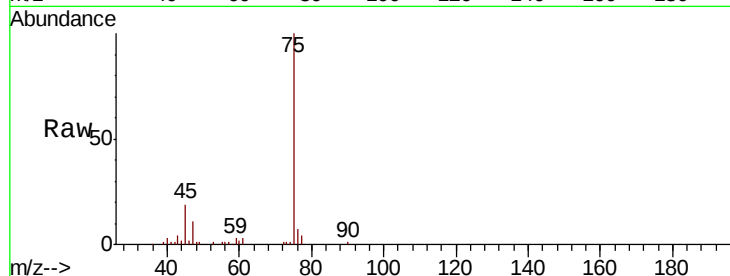




#25
2-Butanone
Concen: 1.416 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW011066.D
Acq: 28 Jun 2019 17:21

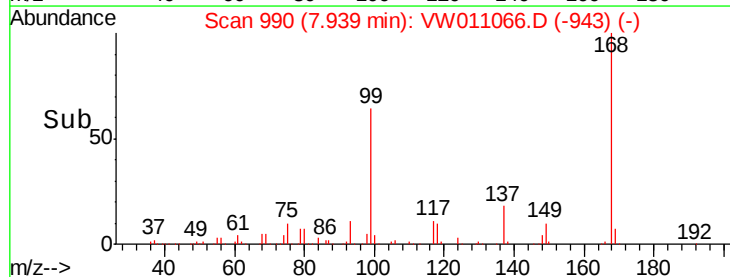
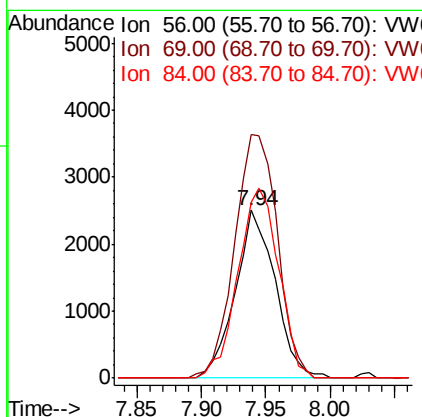
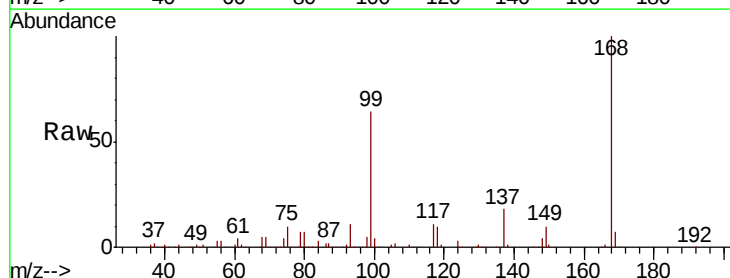
Instrument :
MSVOA_W
ClientSampled :
M-8A

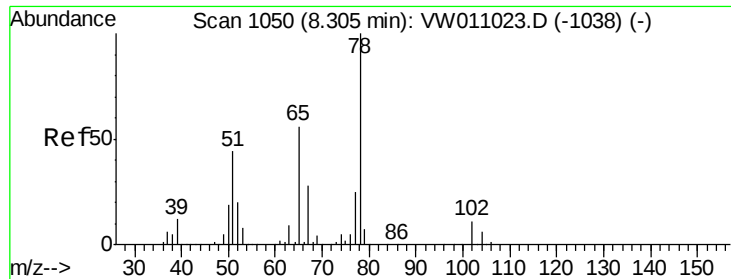
Tot Ion: 43 Resp: 1301
Ion Ratio Lower Upper
43 100
72 17.5 17.2 25.8



#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011066.D
Acq: 28 Jun 2019 17:21

Tgt Ion: 56 Resp: 5369
Ion Ratio Lower Upper
56 100
69 144.9 24.2 36.2#
84 104.5 60.6 90.8#





#33

1,2-Dichloroethane-d4

Concen: 52.884 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011066.D

Acq: 28 Jun 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

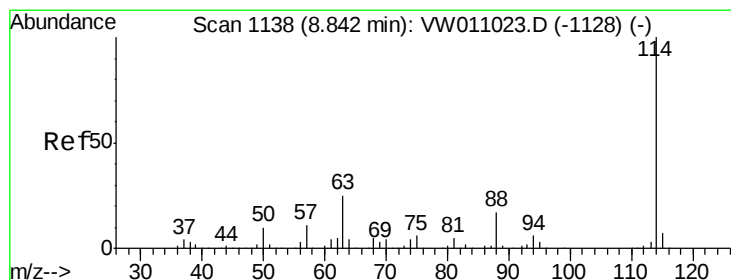
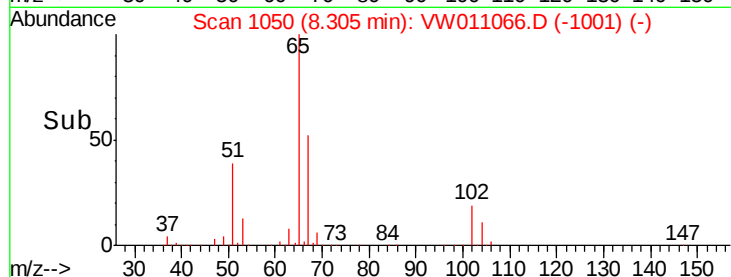
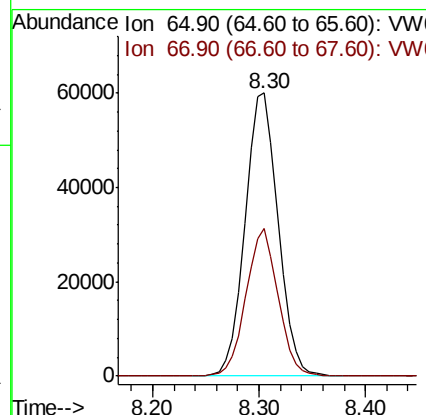
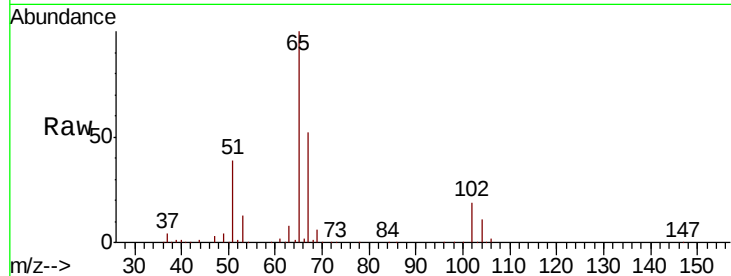
M-8A

Tot Ion: 65 Resp: 130926

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011066.D

Acq: 28 Jun 2019 17:21

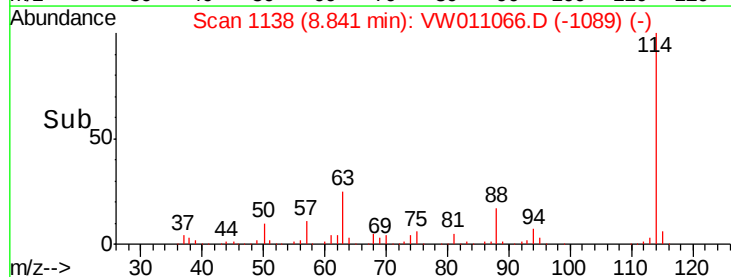
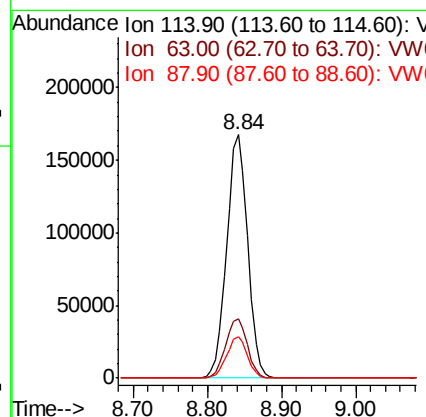
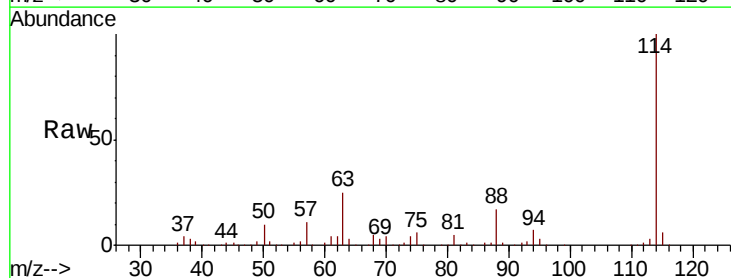
Tgt Ion: 114 Resp: 328565

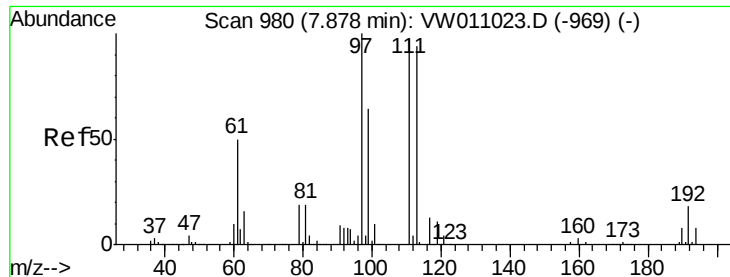
Ion Ratio Lower Upper

114 100

63 24.6 0.0 50.6

88 16.9 0.0 34.0

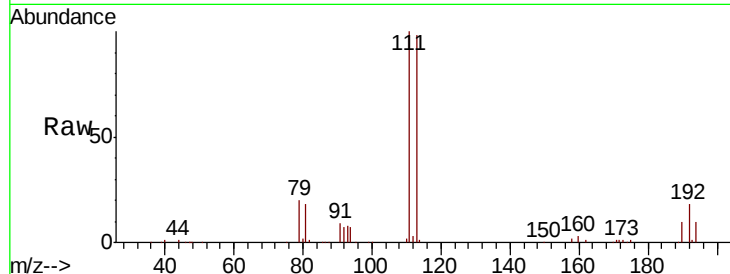




#35
 Dibromofluoromethane
 Concen: 49.686 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW011066.D
 Acq: 28 Jun 2019 17:21

Instrument :
 MSVOA_W
 ClientSampled :
 M-8A

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.8	125.6
192	19.6	16.0	24.0

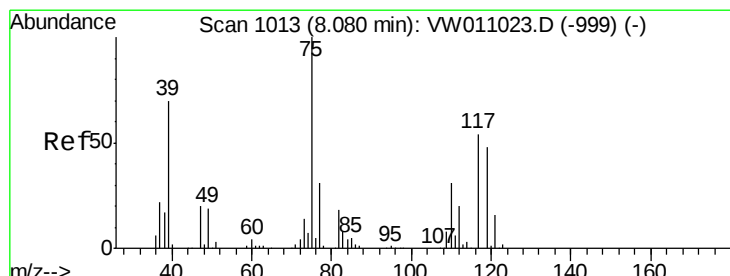
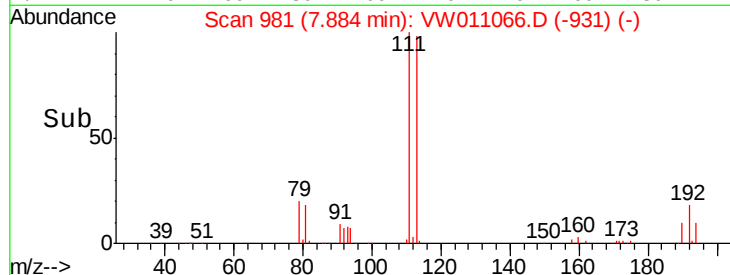
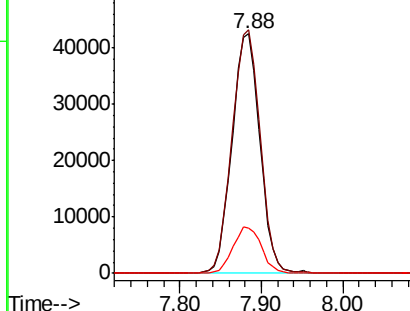


Abundance

Ion 112.80 (112.50 to 113.50): V

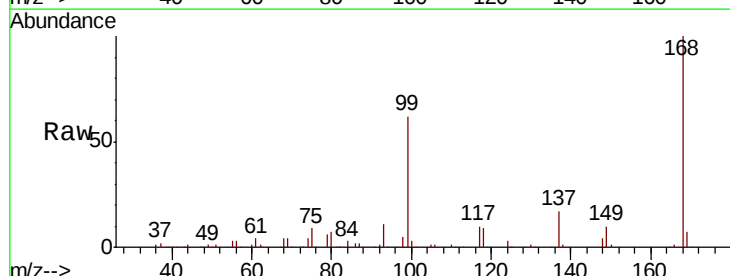
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.958 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011066.D
 Acq: 28 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	15.5	46.5#
77	0.0	24.9	37.3#

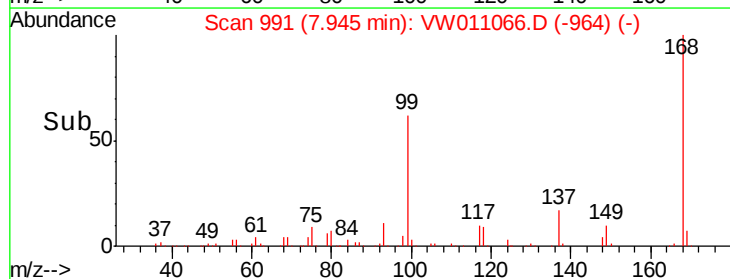
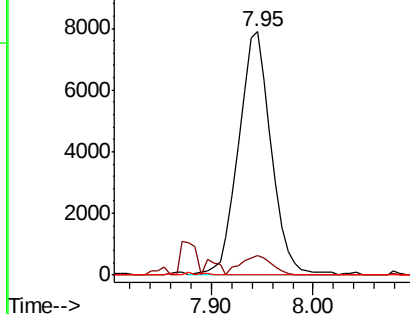


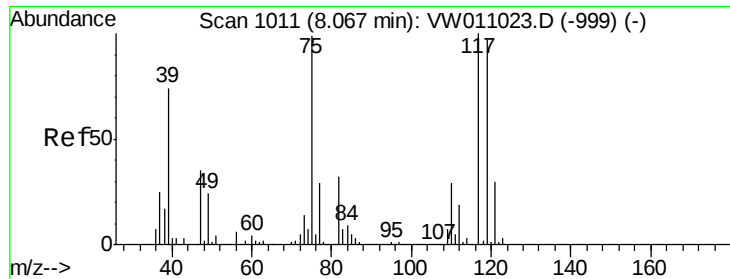
Abundance

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

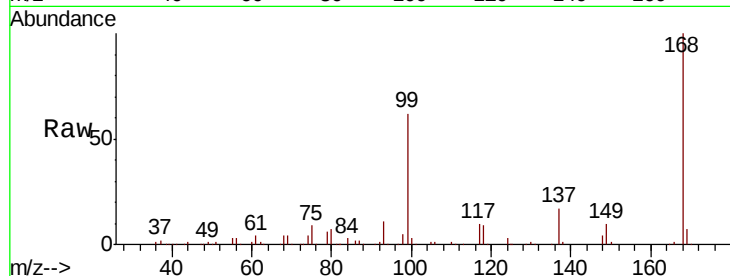




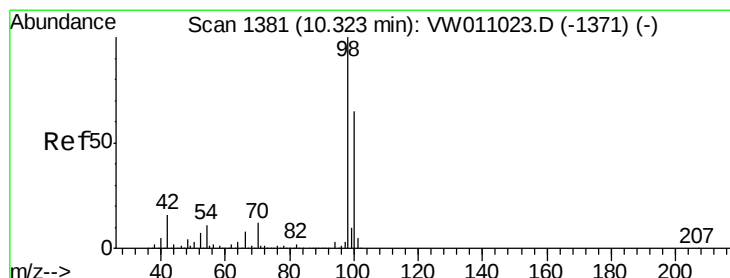
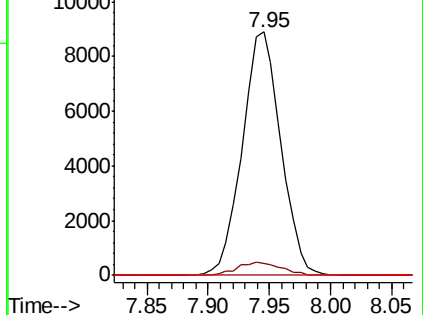
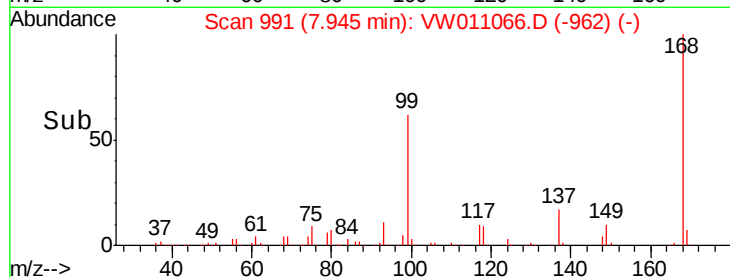
#38
Carbon Tetrachloride
Concen: 6.705 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011066.D
Acq: 28 Jun 2019 17:21

Instrument :
MSVOA_W
ClientSampleId :
M-8A

Tot Ion:117 Resp: 19501
Ion Ratio Lower Upper
117 100
119 4.8 77.7 116.5#
121 0.0 23.9 35.9#

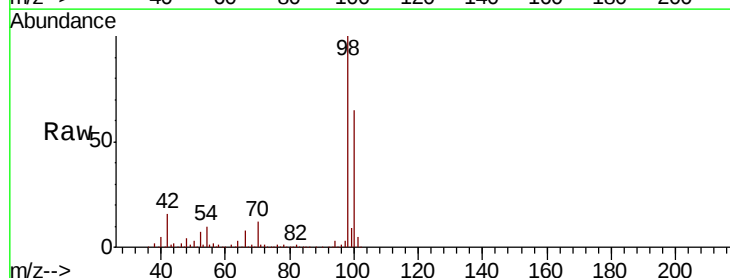


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

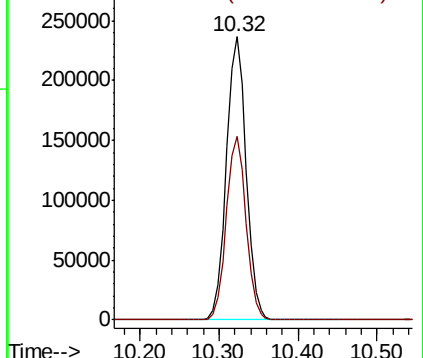
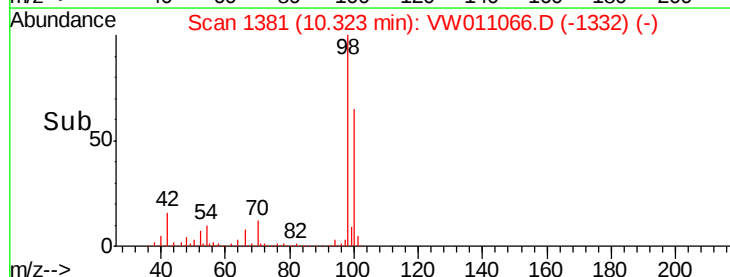


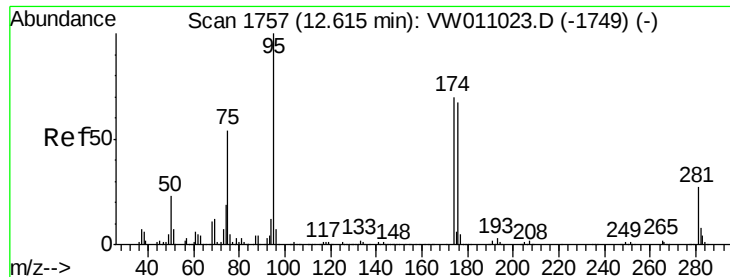
#50
Toluene-d8
Concen: 49.787 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011066.D
Acq: 28 Jun 2019 17:21

Tgt Ion: 98 Resp: 411178
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



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

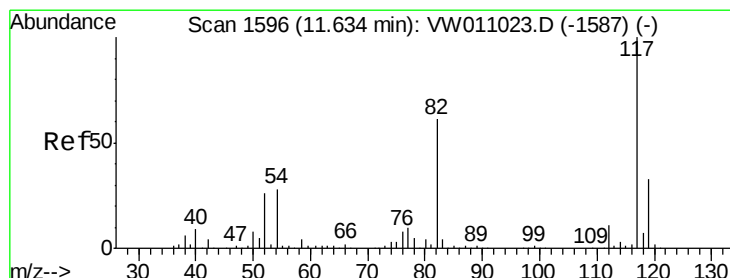
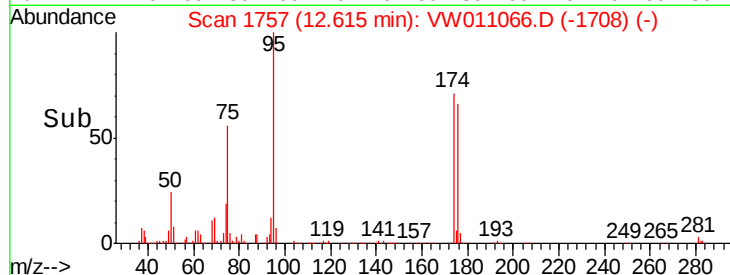
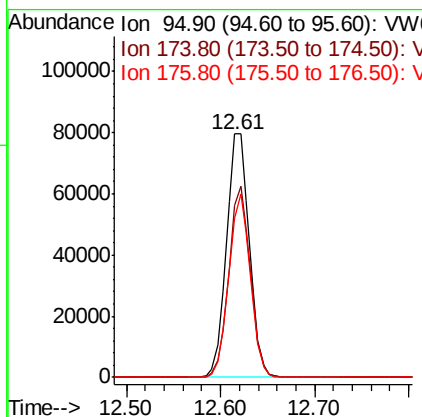
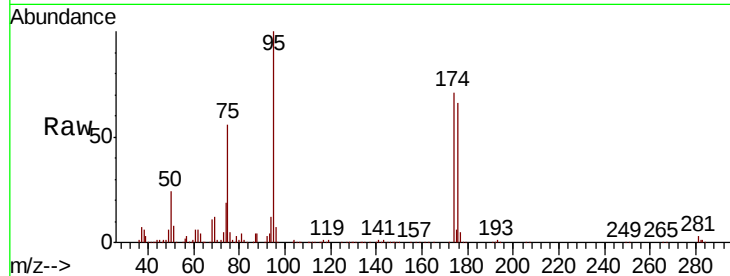




#62
4-Bromofluorobenzene
Concen: 44.198 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011066.D
Acq: 28 Jun 2019 17:21

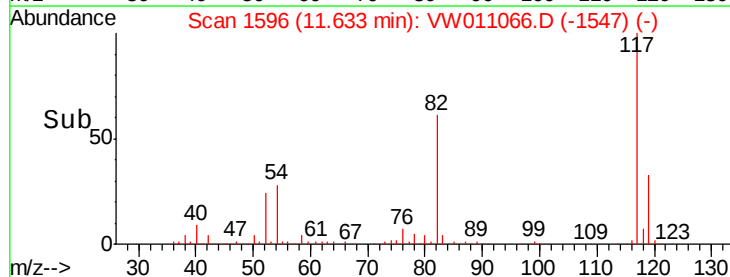
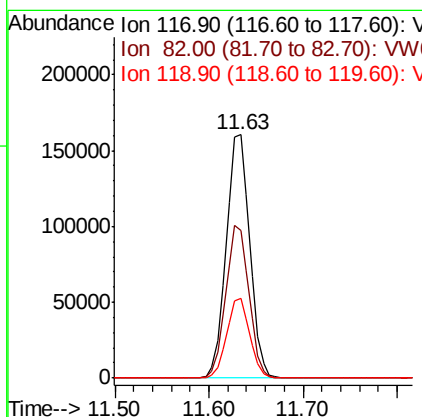
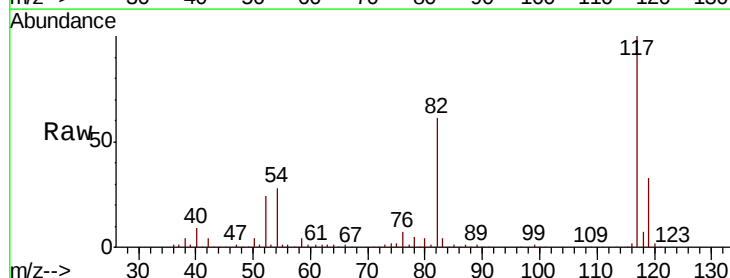
Instrument :
MSVOA_W
ClientSampled :
M-8A

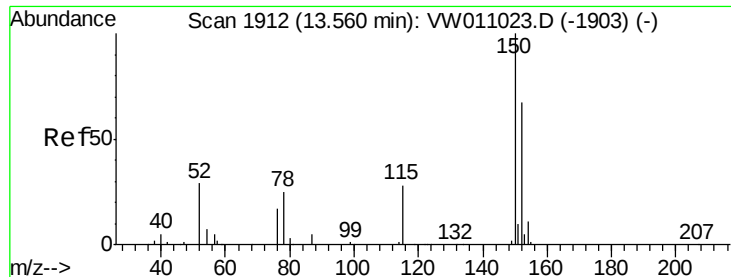
Tot Ion: 95 Resp: 133505
Ion Ratio Lower Upper
95 100
174 74.5 0.0 149.2
176 71.2 0.0 143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011066.D
Acq: 28 Jun 2019 17:21

Tgt Ion: 117 Resp: 277674
Ion Ratio Lower Upper
117 100
82 60.9 48.6 73.0
119 32.6 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011066.D

Acq: 28 Jun 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

M-8A

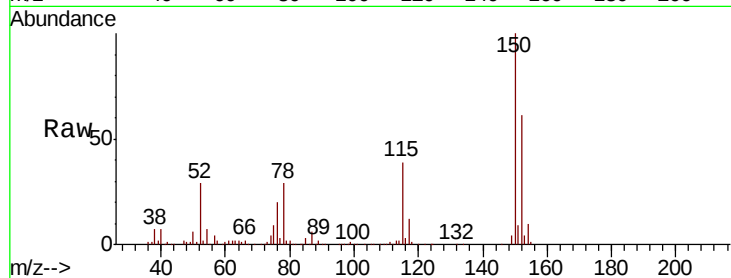
Tot Ion:152 Resp: 116442

Ion Ratio Lower Upper

152 100

115 61.8 30.7 92.1

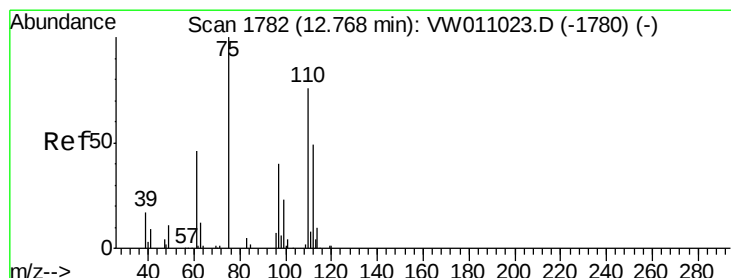
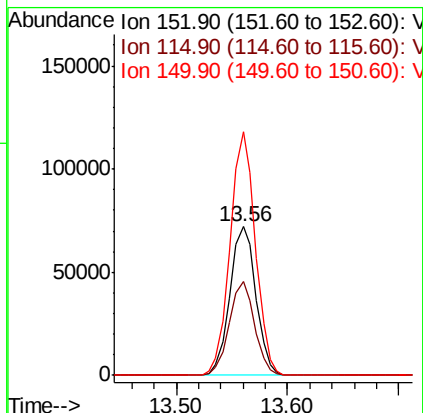
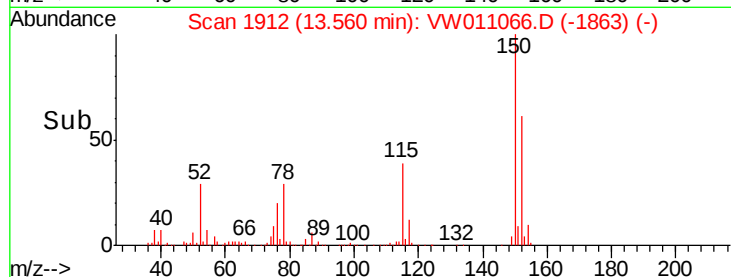
150 158.6 0.0 341.8



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: 58.997 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011066.D

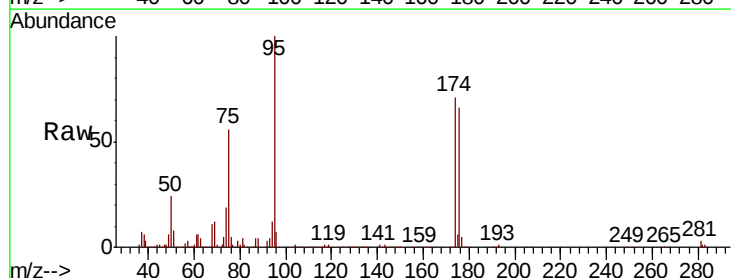
Acq: 28 Jun 2019 17:21

Tgt Ion: 75 Resp: 72527

Ion Ratio Lower Upper

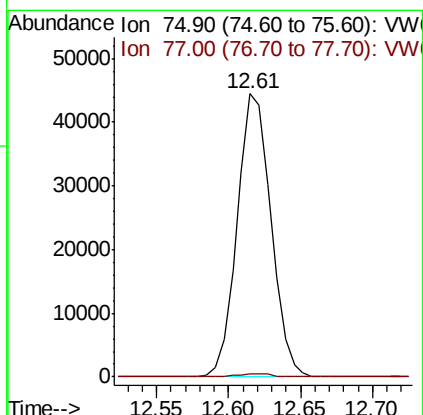
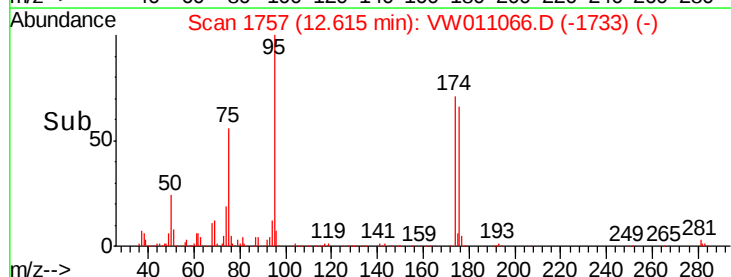
75 100

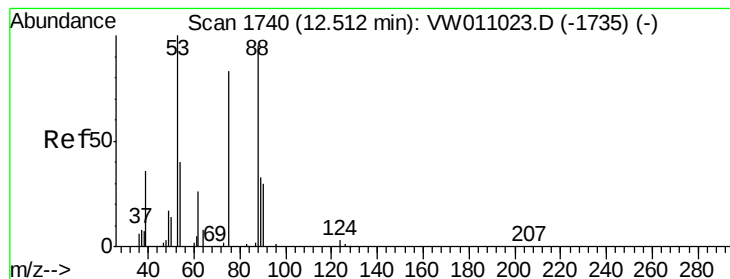
77 1.2 0.0 0.0#



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: 119.334 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011066.D

Acq: 28 Jun 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

M-8A

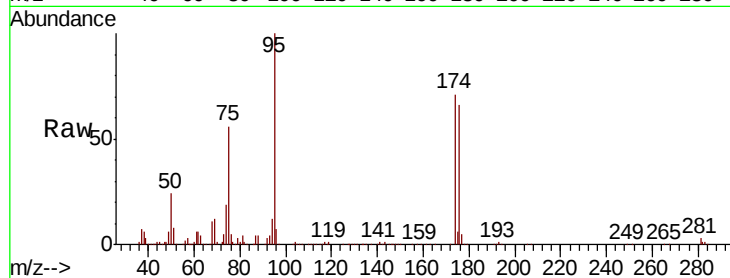
Tot Ion: 75 Resp: 72527

Ion Ratio Lower Upper

75 100

53 0.0 95.6 143.4#

89 0.0 34.4 51.6#



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

