

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011068.D
 Acq On : 28 Jun 2019 18:15
 Operator : SY/VA
 Sample : K3554-05RE
 Misc : 6.08G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-15

Quant Time: Jun 29 01:51:59 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	184171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	270009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115685	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	127219	52.84	ug/l	0.00
Spiked Amount			Recovery	=	105.68%	
35) Dibromofluoromethane	7.88	113	95624	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
50) Toluene-d8	10.32	98	399262	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.62	95	129195	44.07	ug/l	0.00
Spiked Amount			Recovery	=	88.14%	

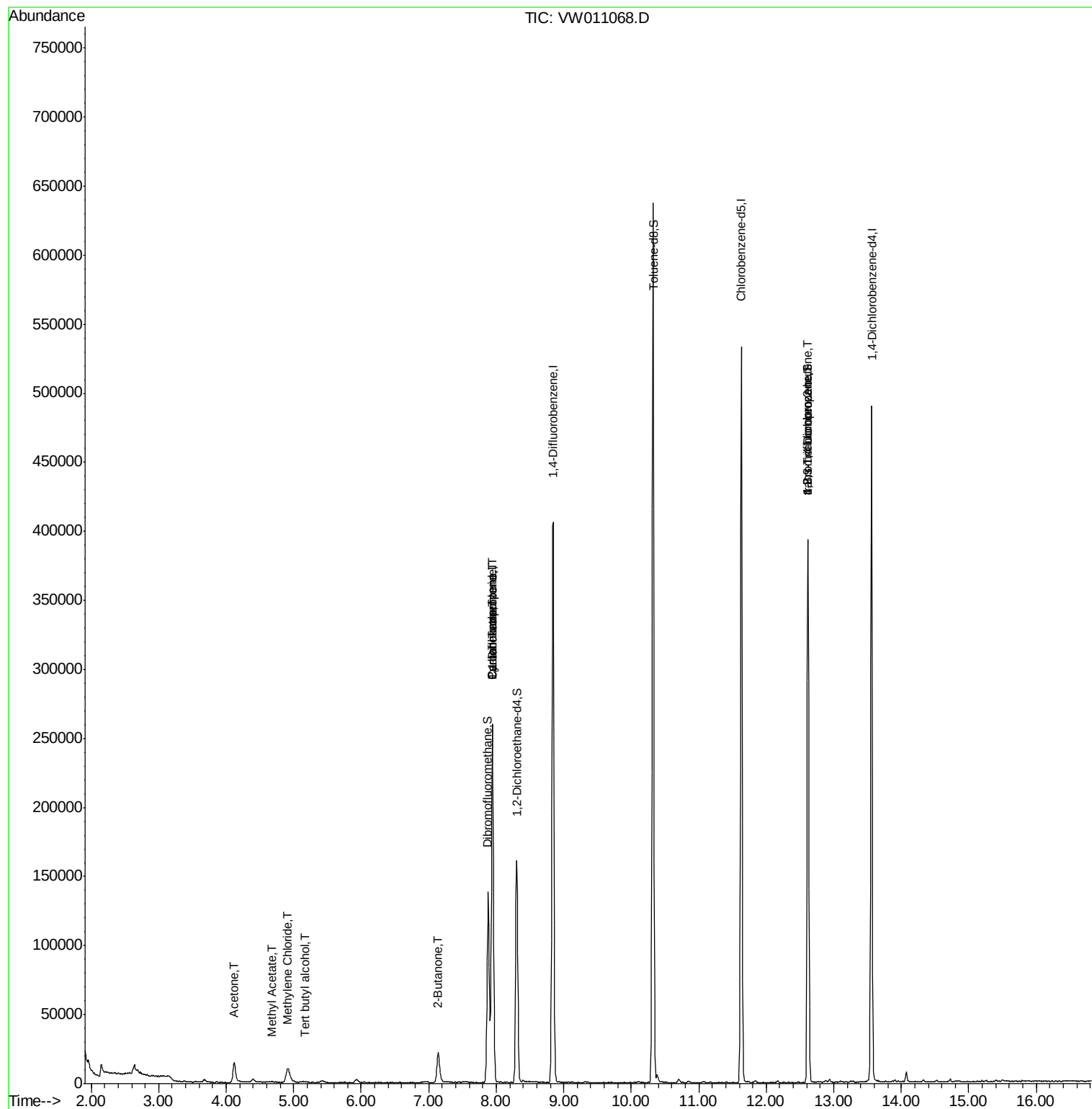
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	490	2.802	ug/l #	91
16) Acetone	4.12	43	28137	47.878	ug/l	96
18) Methyl Acetate	4.67	43	1915	1.258	ug/l #	82
20) Methylene Chloride	4.92	84	8160	3.417	ug/l	93
25) 2-Butanone	7.13	43	1898	2.125	ug/l #	54
31) Cyclohexane	7.94	56	5006	1.087	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	16761	4.891	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18917	6.703	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	71745	58.743	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71745	118.837	ug/l #	3

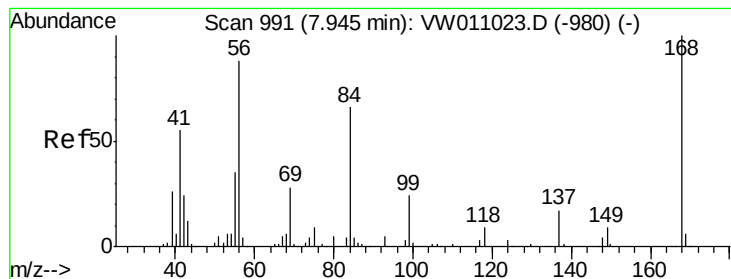
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062919\
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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: VW011068.D

Acq: 28 Jun 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

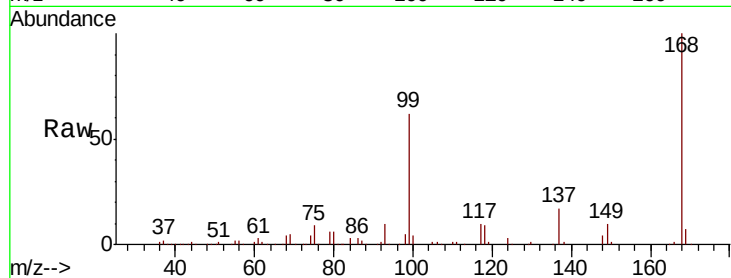
SAMPLE-15

Tot Ion:168 Resp: 184171

Ion Ratio Lower Upper

168 100

99 61.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

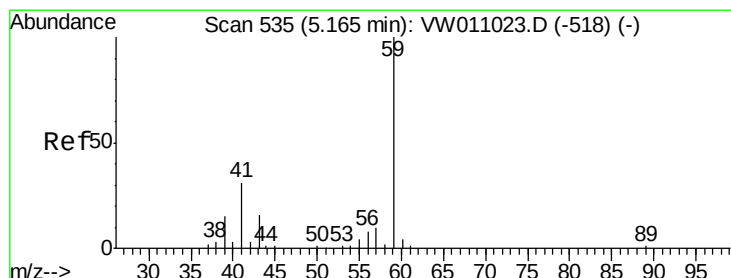
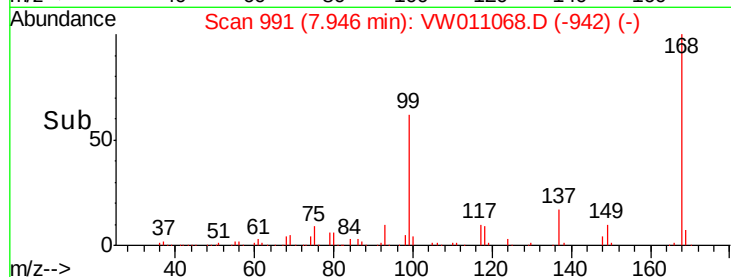
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.802 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW011068.D

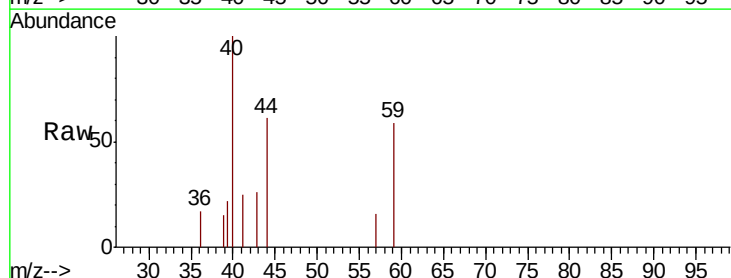
Acq: 28 Jun 2019 18:15

Tgt Ion: 59 Resp: 490

Ion Ratio Lower Upper

59 100

57 14.7 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

300

250

200

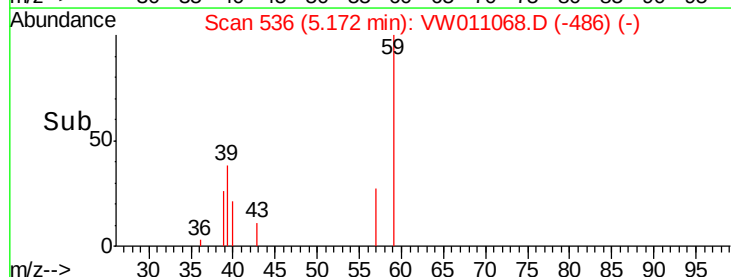
150

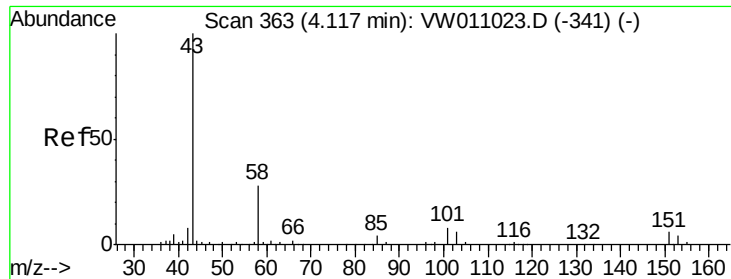
100

50

0

Time--> 5.15 5.20 5.25





#16

Acetone

Concen: 47.878 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011068.D

Acq: 28 Jun 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

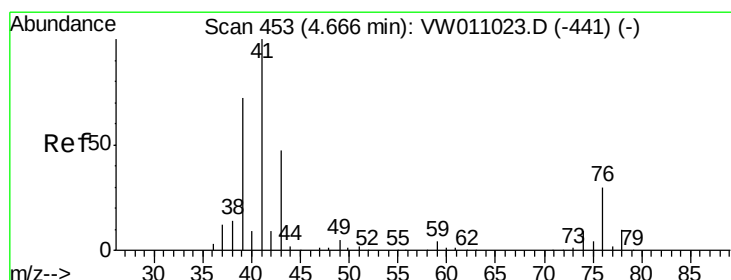
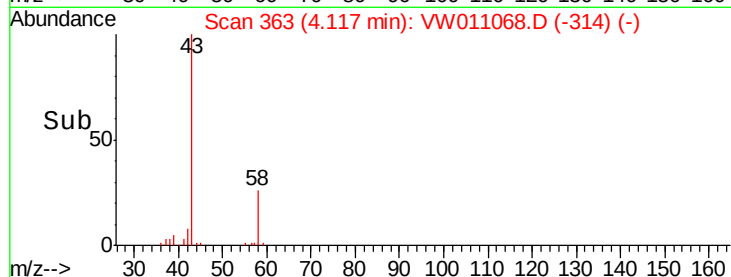
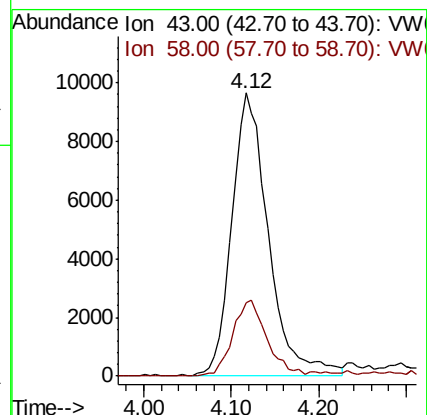
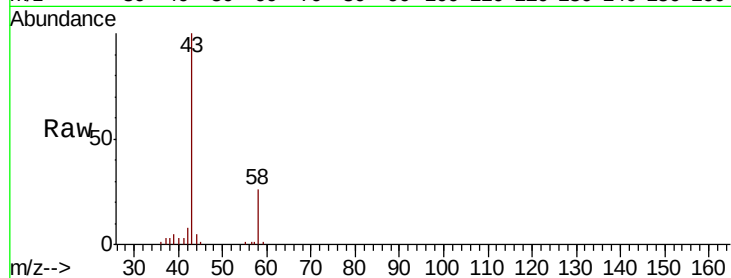
SAMPLE-15

Tot Ion: 43 Resp: 28137

Ion Ratio Lower Upper

43 100

58 25.9 22.5 33.7



#18

Methyl Acetate

Concen: 1.258 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW011068.D

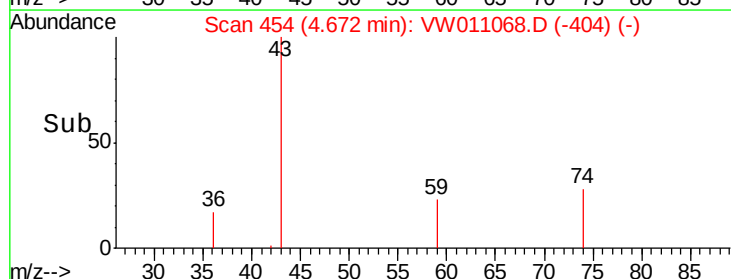
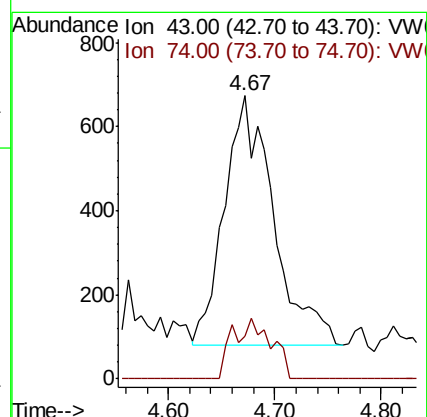
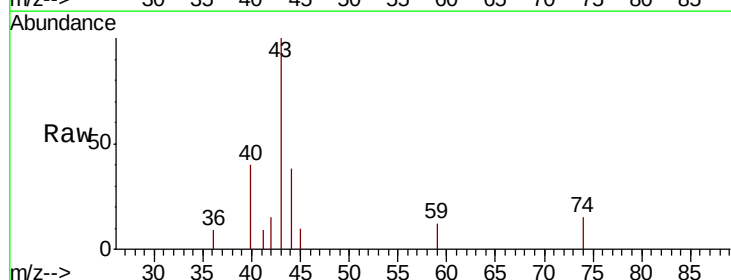
Acq: 28 Jun 2019 18:15

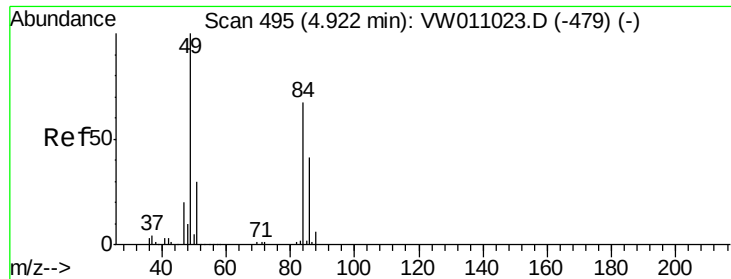
Tgt Ion: 43 Resp: 1915

Ion Ratio Lower Upper

43 100

74 11.5 15.8 23.8#

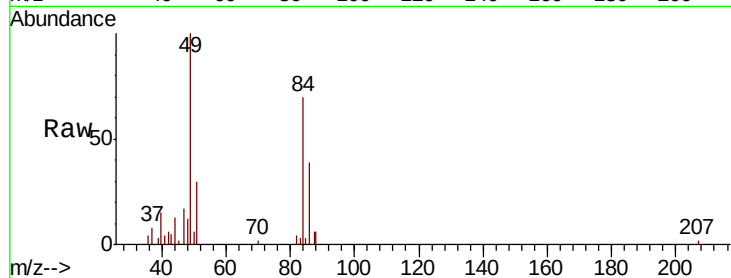




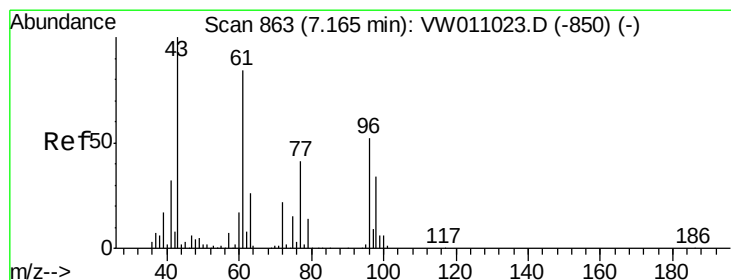
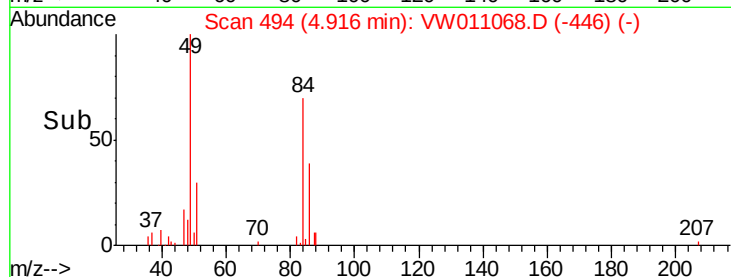
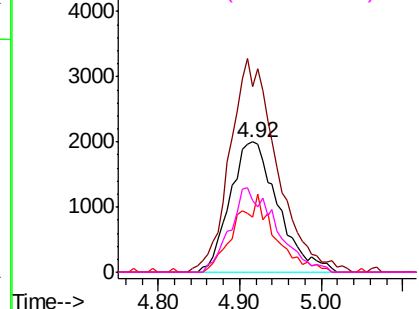
#20
Methylene Chloride
Concen: 3.417 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011068.D
Acq: 28 Jun 2019 18:15

Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-15

Tot Ion:	84	Resp:	8160
Ion	Ratio	Lower	Upper
84	100		
49	140.0	119.6	179.4
51	42.3	35.6	53.4
86	55.4	49.0	73.6

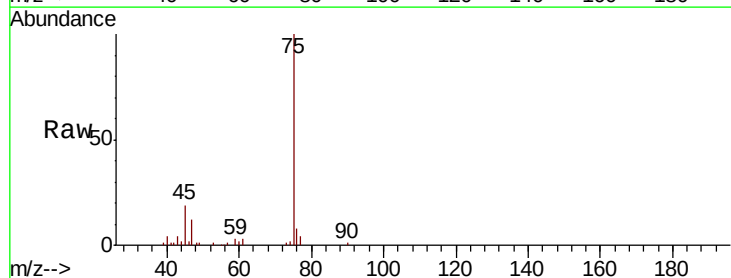


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

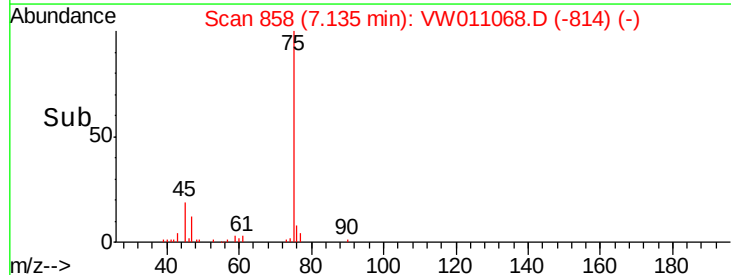
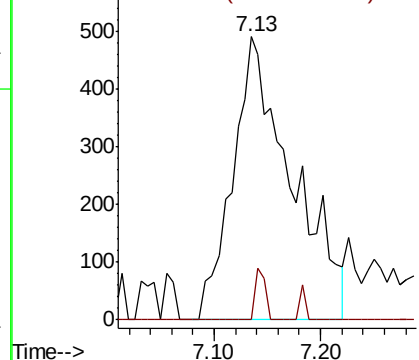


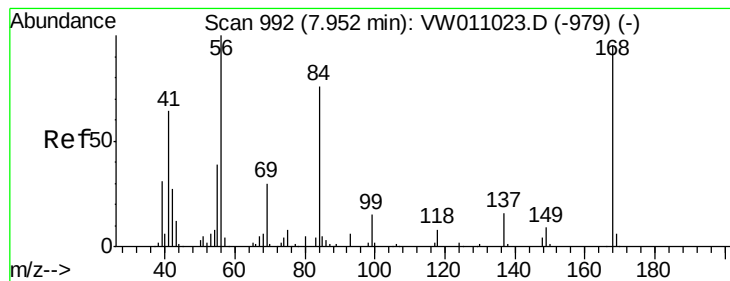
#25
2-Butanone
Concen: 2.125 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: VW011068.D
Acq: 28 Jun 2019 18:15

Tgt Ion:	43	Resp:	1898
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.2	25.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.087 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011068.D

Acq: 28 Jun 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SAMPLE-15

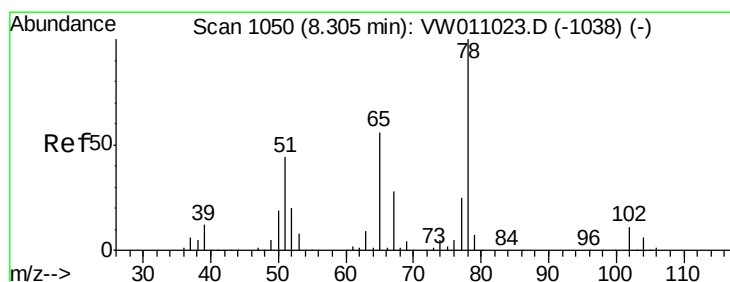
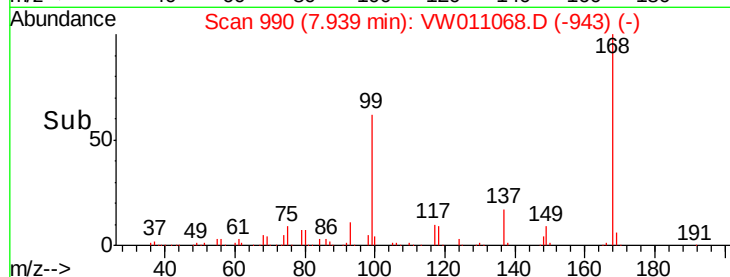
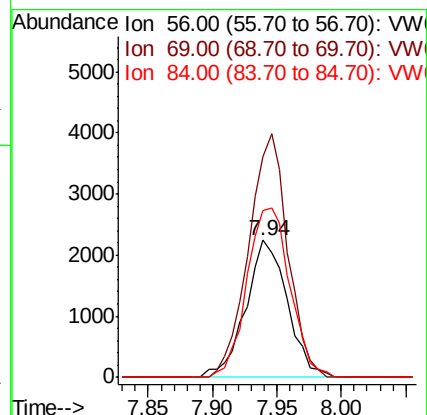
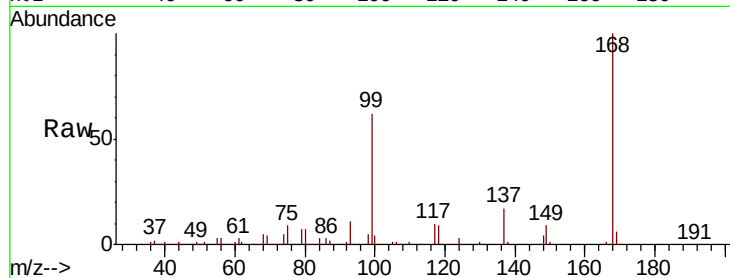
Tot Ion: 56 Resp: 5006

Ion Ratio Lower Upper

56 100

69 161.2 24.2 36.2#

84 121.7 60.6 90.8#



#33

1,2-Dichloroethane-d4

Concen: 52.840 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011068.D

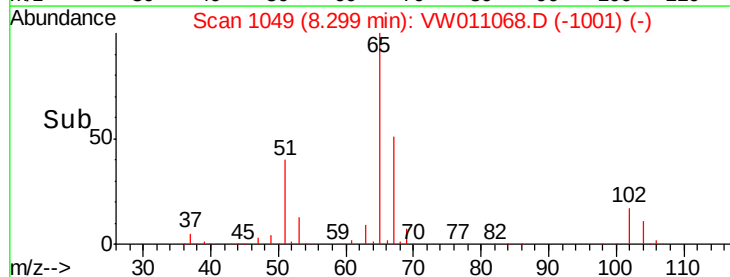
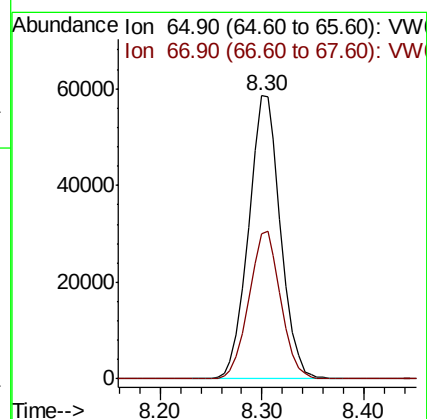
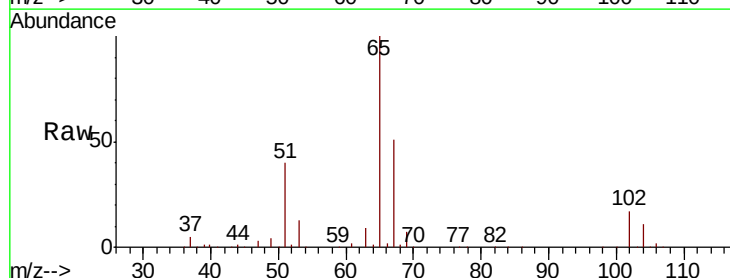
Acq: 28 Jun 2019 18:15

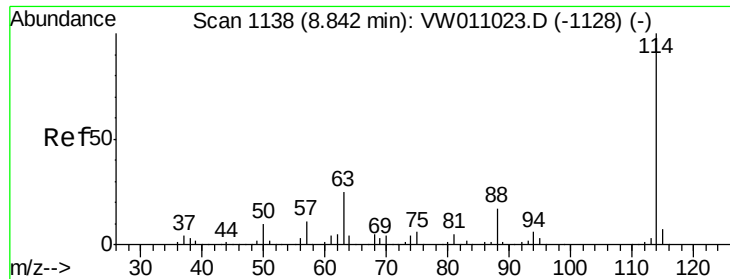
Tgt Ion: 65 Resp: 127219

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.4

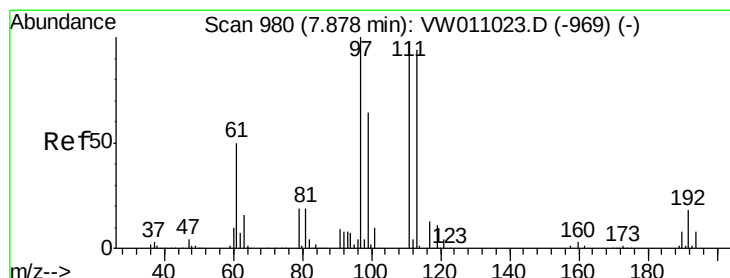
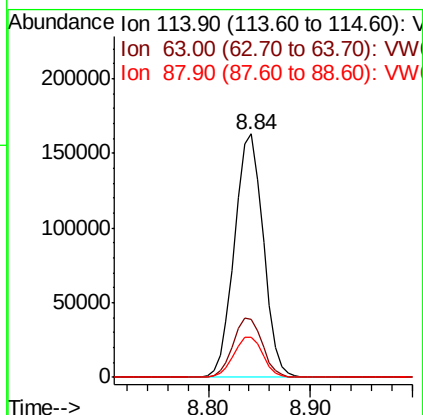
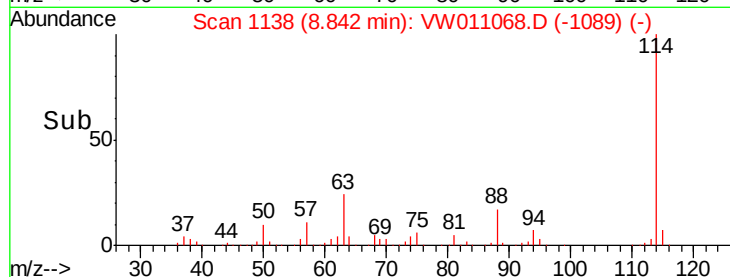
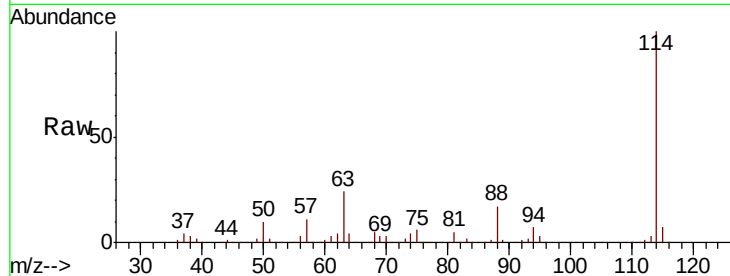




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011068.D
Acq: 28 Jun 2019 18:15

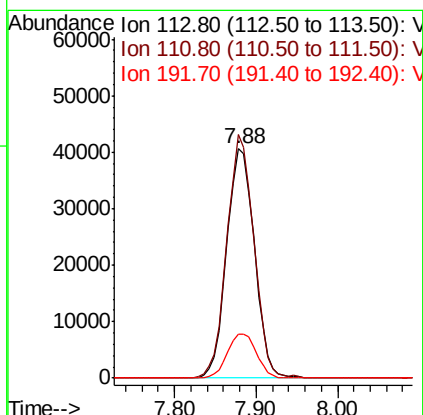
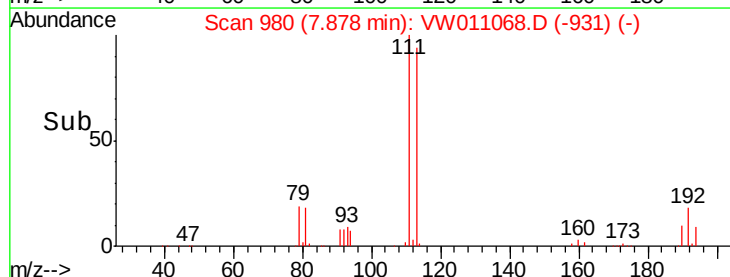
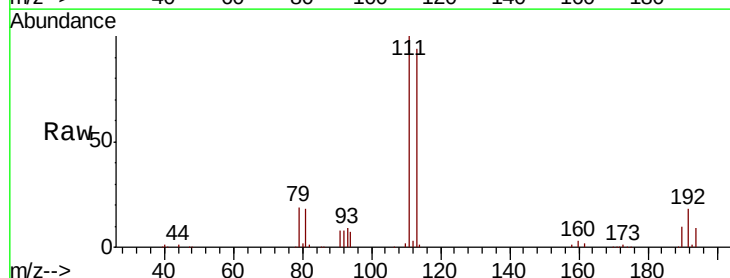
Instrument :
MSVOA_W
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SAMPLE-15

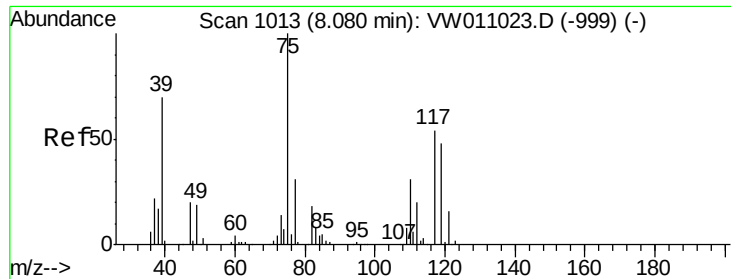
Tot Ion:114 Resp: 318854
Ion Ratio Lower Upper
114 100
63 23.7 0.0 50.6
88 16.6 0.0 34.0



#35
Dibromofluoromethane
Concen: 49.112 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW011068.D
Acq: 28 Jun 2019 18:15

Tgt Ion:113 Resp: 95624
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 20.0 16.0 24.0

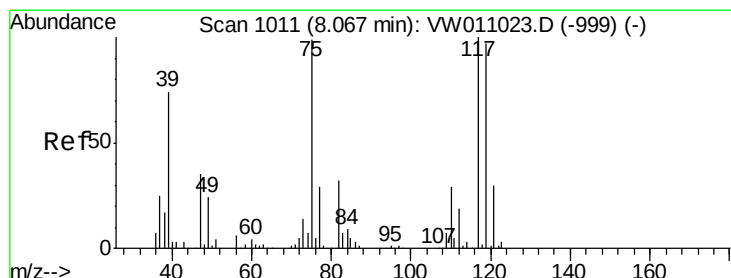
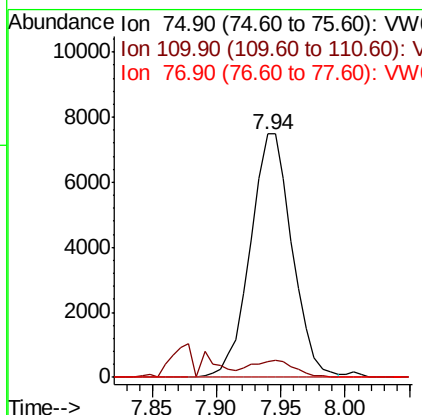
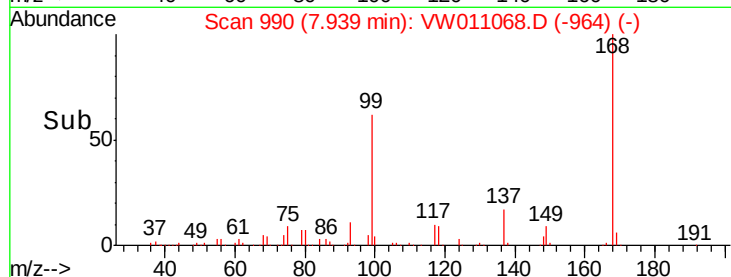
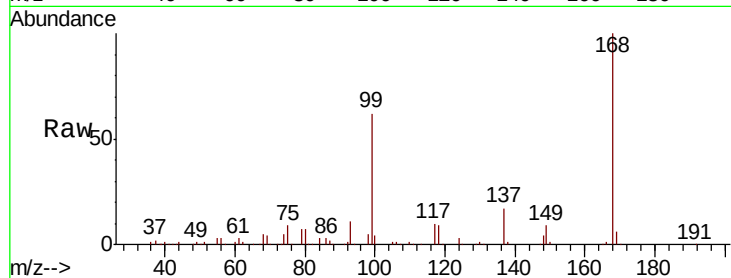




#36
 1,1-Dichloropropene
 Concen: 4.891 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011068.D
 Acq: 28 Jun 2019 18:15

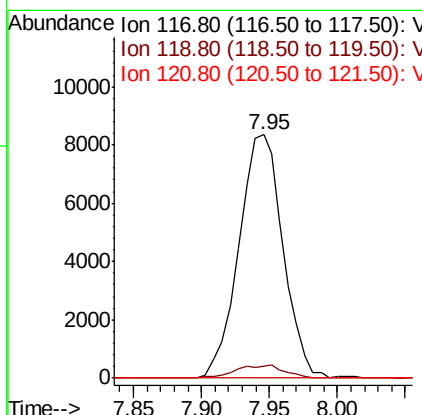
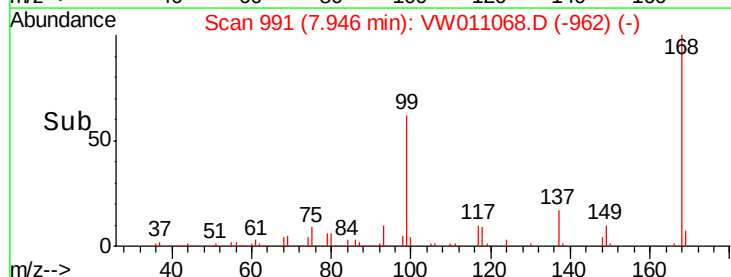
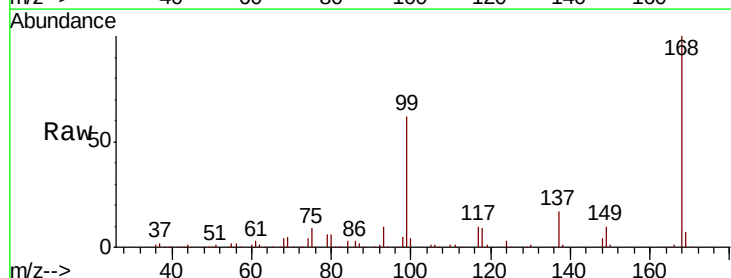
Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-15

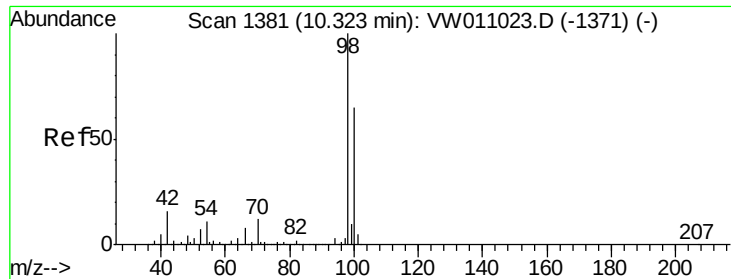
Tot Ion: 75 Resp: 16761
 Ion Ratio Lower Upper
 75 100
 110 7.5 15.5 46.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.703 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011068.D
 Acq: 28 Jun 2019 18:15

Tgt Ion: 117 Resp: 18917
 Ion Ratio Lower Upper
 117 100
 119 5.2 77.7 116.5#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 49.817 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011068.D

Acq: 28 Jun 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

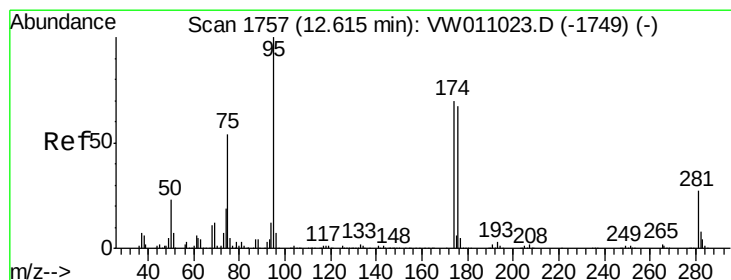
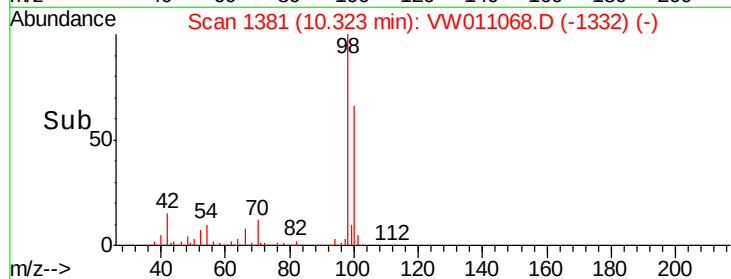
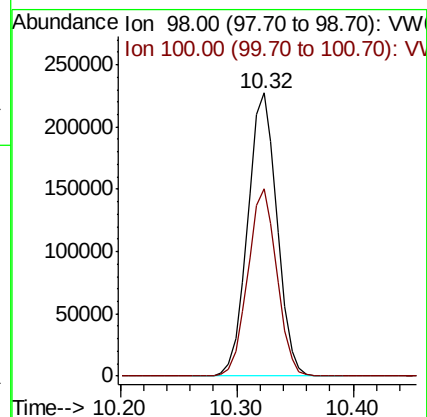
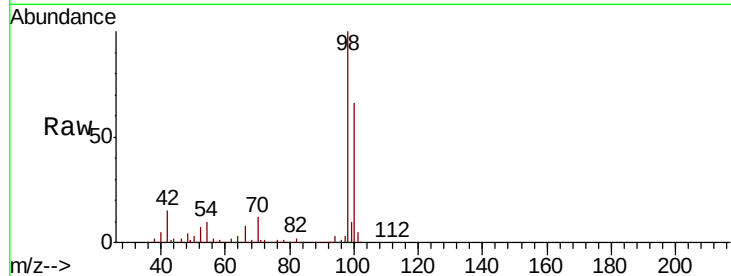
SAMPLE-15

Tot Ion: 98 Resp: 399262

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 44.074 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011068.D

Acq: 28 Jun 2019 18:15

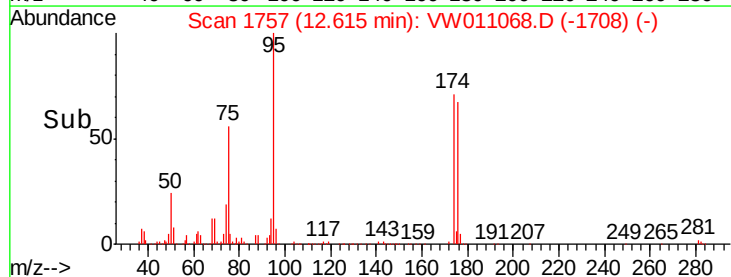
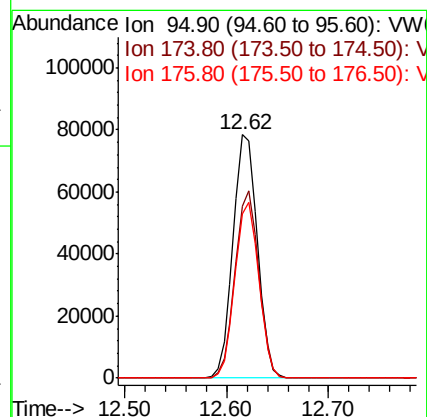
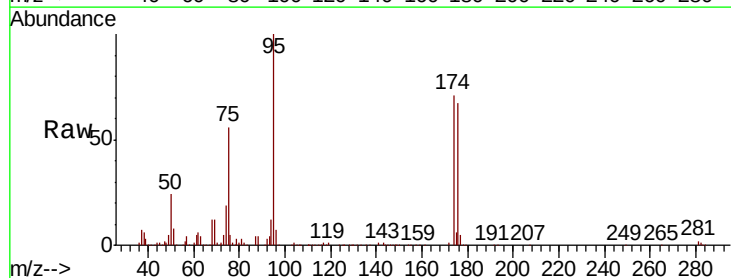
Tgt Ion: 95 Resp: 129195

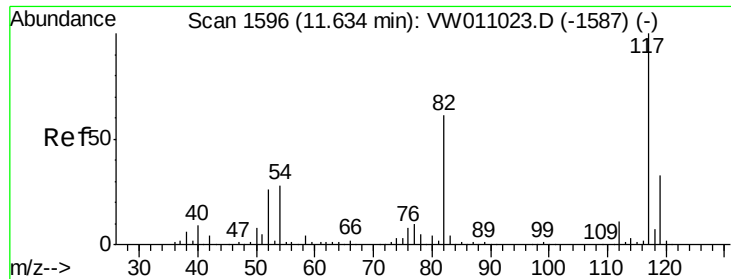
Ion Ratio Lower Upper

95 100

174 75.1 0.0 149.2

176 71.0 0.0 143.6

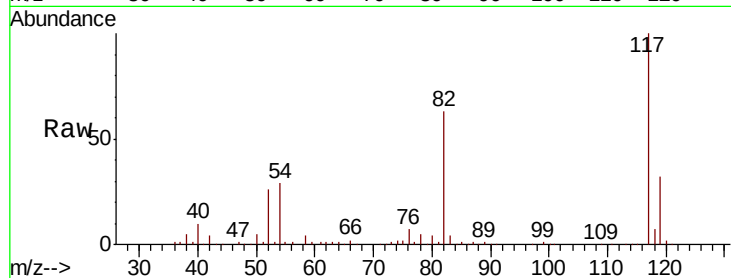




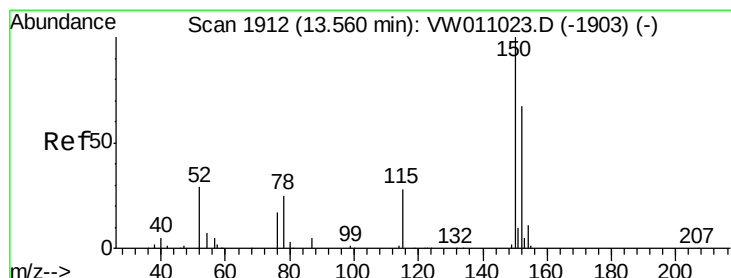
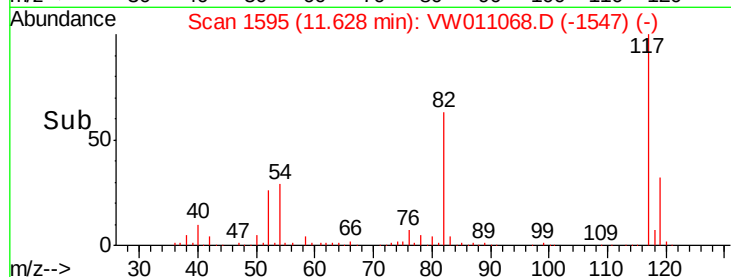
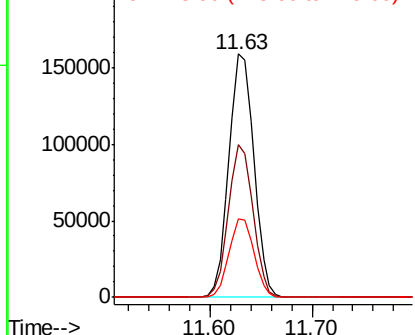
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011068.D
Acq: 28 Jun 2019 18:15

Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-15

Tot Ion:117 Resp: 270009
Ion Ratio Lower Upper
117 100
82 62.5 48.6 73.0
119 32.5 26.1 39.1

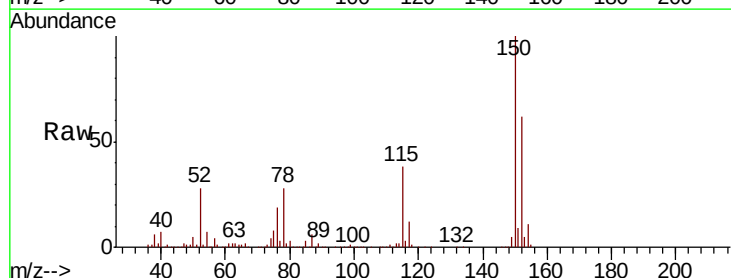


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

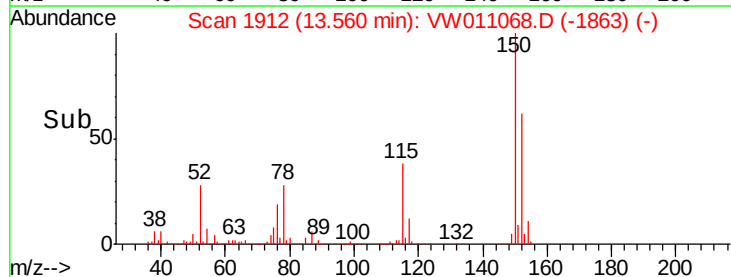
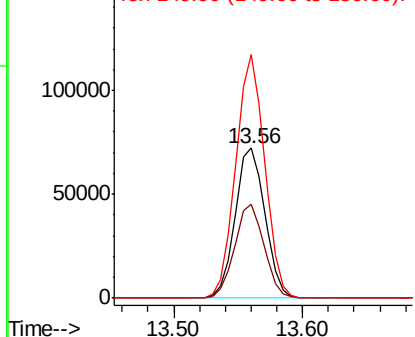


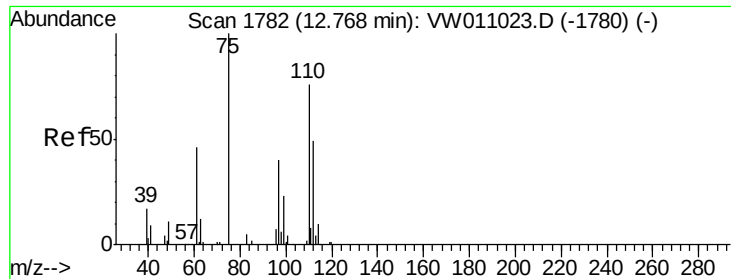
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011068.D
Acq: 28 Jun 2019 18:15

Tgt Ion:152 Resp: 115685
Ion Ratio Lower Upper
152 100
115 61.8 30.7 92.1
150 157.7 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

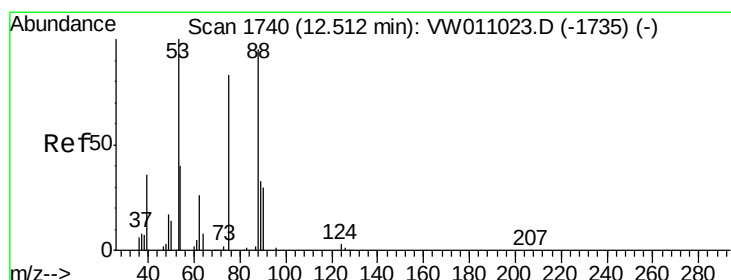
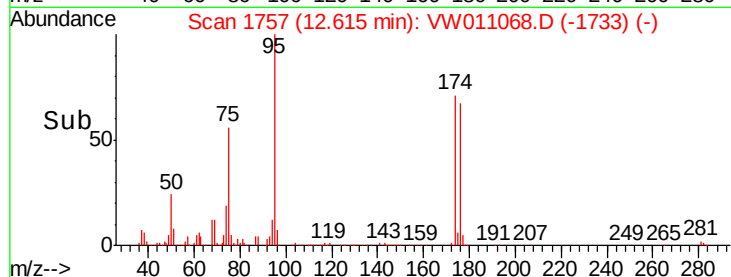
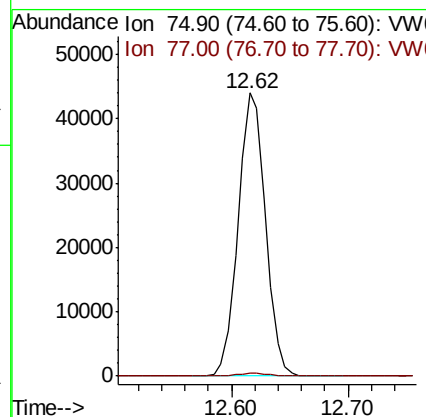
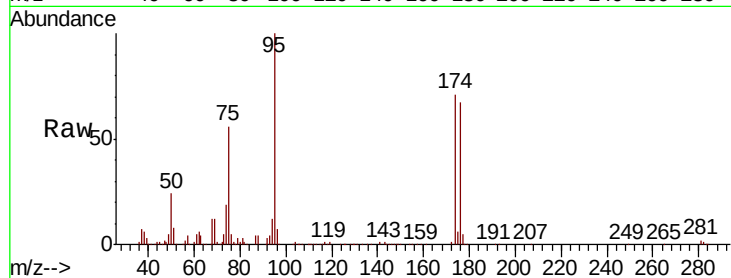




#76
 1,2,3-Trichloropropane
 Concen: 58.743 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011068.D
 Acq: 28 Jun 2019 18:15

Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-15

Tot Ion: 75 Resp: 71745
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.837 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011068.D
 Acq: 28 Jun 2019 18:15

Tgt Ion: 75 Resp: 71745
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.6 143.4#
 89 0.0 34.4 51.6#

