

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010892.D
 Acq On : 20 Jun 2019 15:14
 Operator : SY/VA
 Sample : K3448-01
 Misc : 6.21G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 07:47:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	383717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135244	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	153872	55.96	ug/l	0.00
Spiked Amount			Recovery	=	111.92%	
35) Dibromofluoromethane	7.88	113	106569	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
50) Toluene-d8	10.32	98	474313	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.62	95	157590	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	

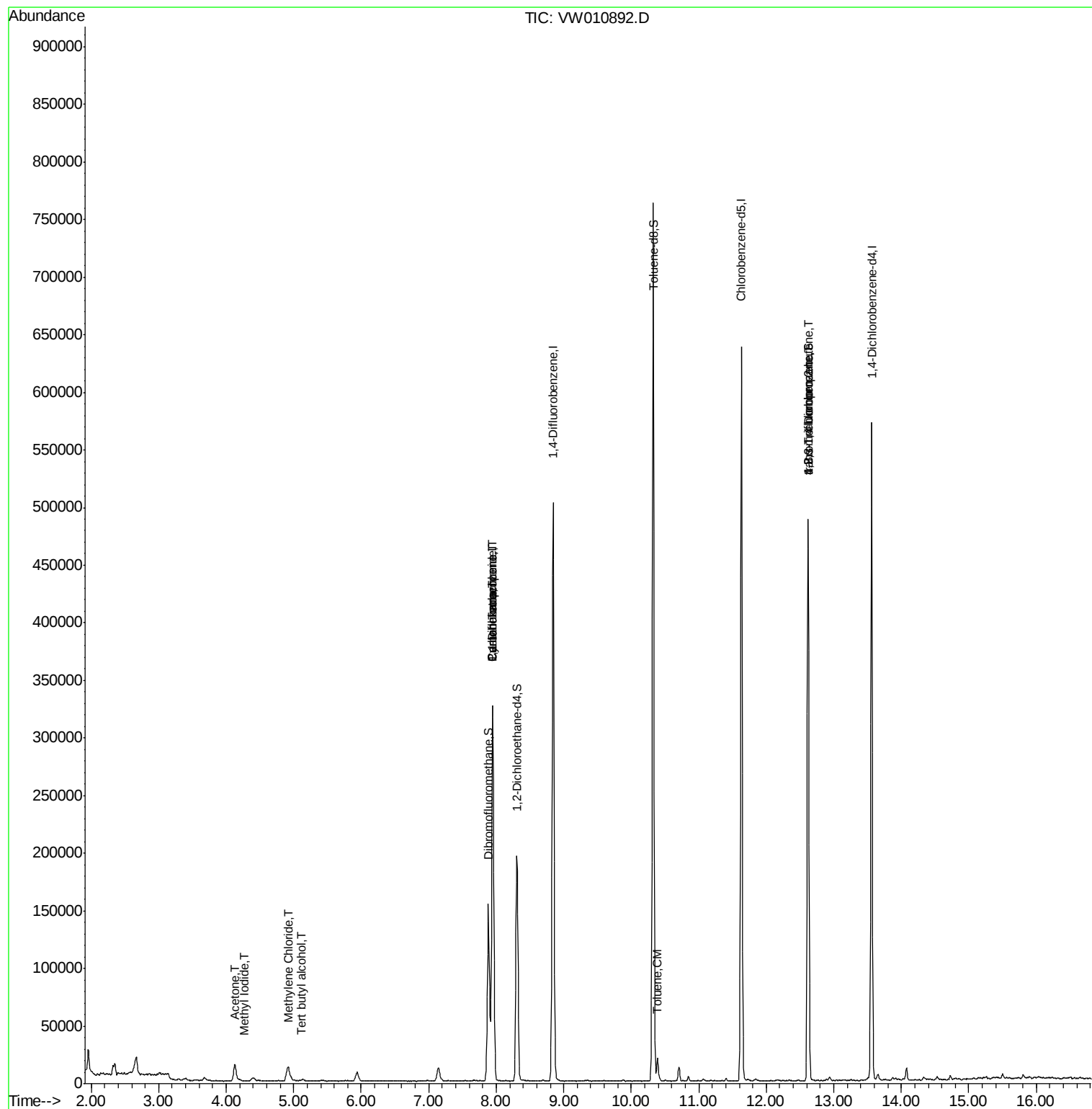
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.26	142	24	4.807	ug/l #	41
11) Tert butyl alcohol	5.12	59	1630	7.277	ug/l #	72
16) Acetone	4.12	43	27245	36.980	ug/l	95
20) Methylene Chloride	4.92	84	7896	3.055	ug/l	93
31) Cyclohexane	7.95	56	6315	1.138	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21047	5.358	ug/l #	51
38) Carbon Tetrachloride	7.95	117	23596	6.959	ug/l #	18
52) Toluene	10.38	92	7398	1.122	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	87170	61.377	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	87170	141.064	ug/l #	5

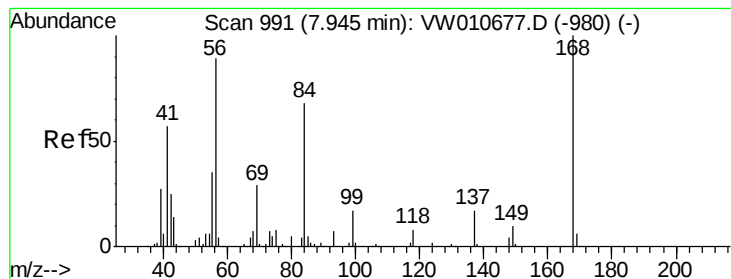
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010892.D

Acq: 20 Jun 2019 15:14

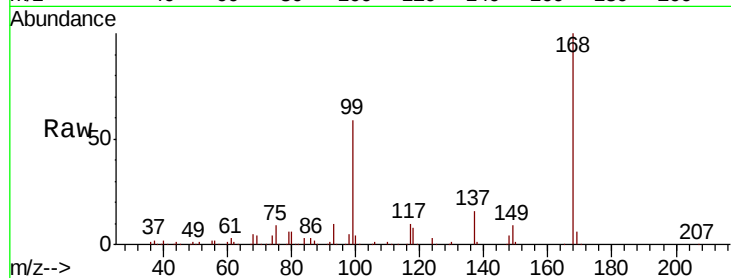
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 233277

Ion Ratio Lower Upper

168 100

99 58.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

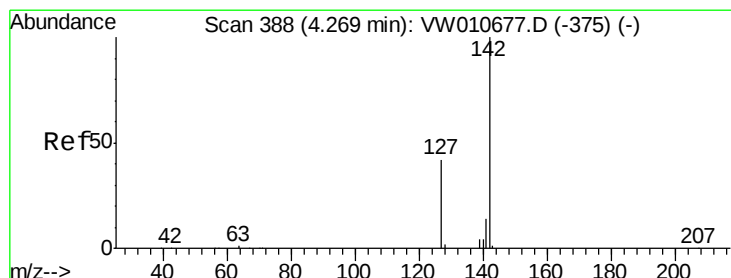
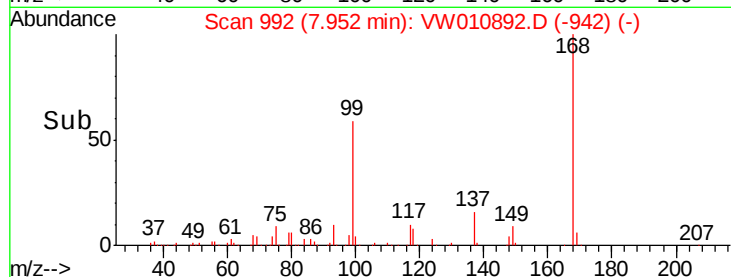
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 4.807 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010892.D

Acq: 20 Jun 2019 15:14

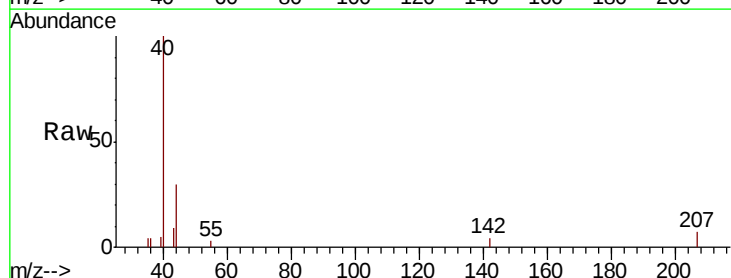
Tgt Ion:142 Resp: 24

Ion Ratio Lower Upper

142 100

127 0.0 34.6 51.8#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.26

80

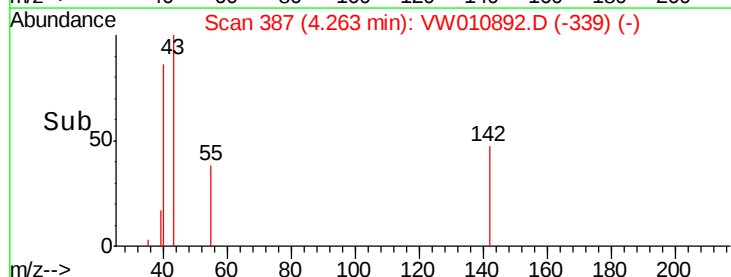
60

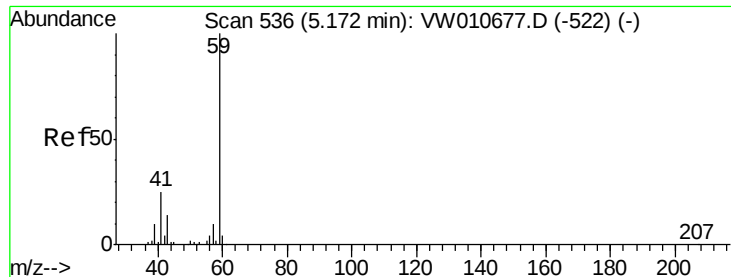
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20

0

Time-->



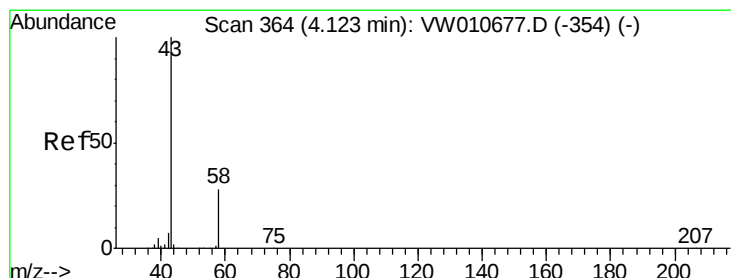
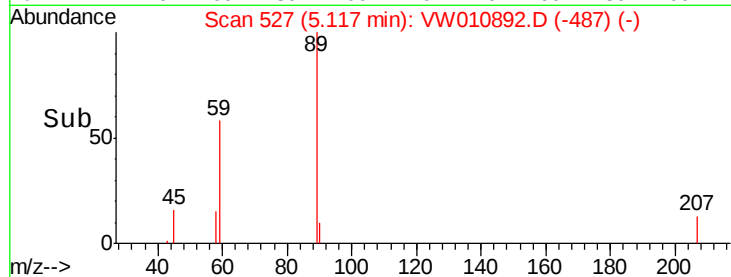
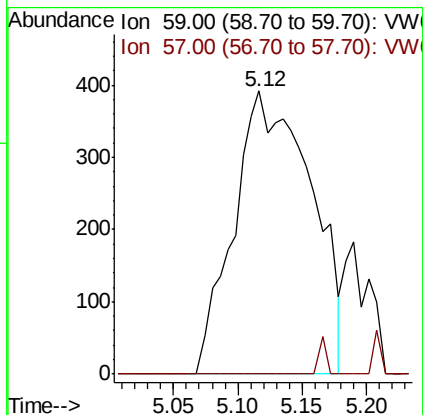
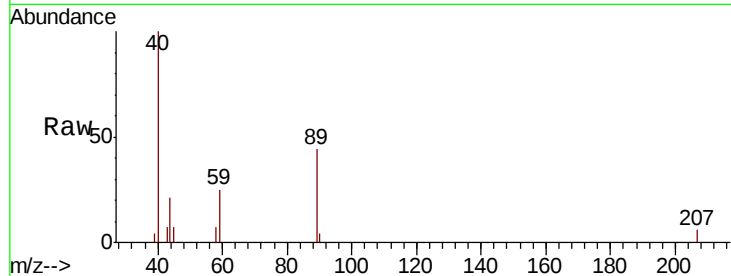


#11

Tert butyl alcohol
 Concen: 7.277 ug/l
 RT: 5.12 min Scan# 527
 Delta R.T. -0.05 min
 Lab File: VW010892.D
 Acq: 20 Jun 2019 15:14

Instrument :
 MSVOA_W
 ClientSampled :

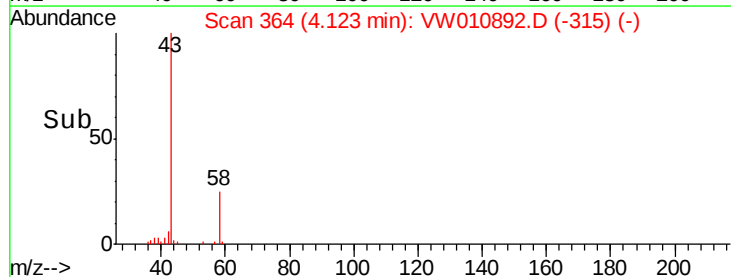
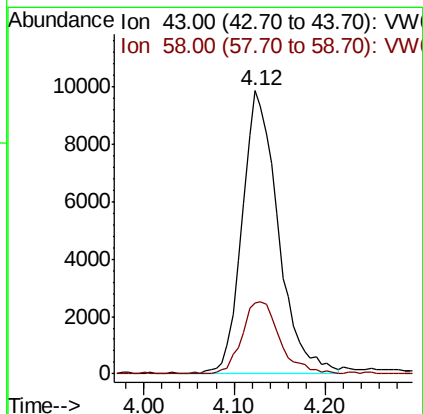
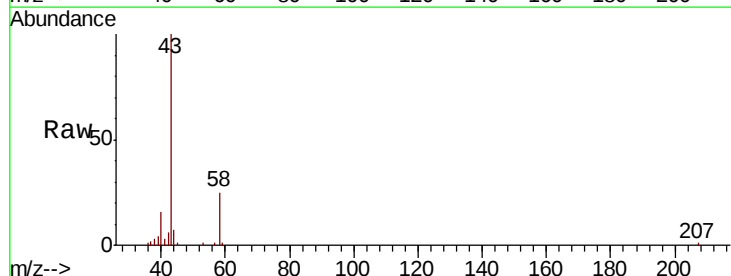
Tot Ion: 59 Resp: 1630
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

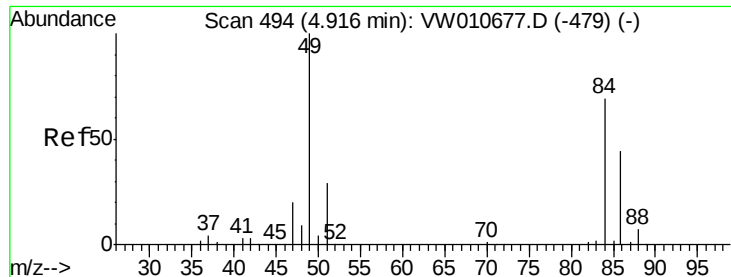


#16

Acetone
 Concen: 36.980 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VW010892.D
 Acq: 20 Jun 2019 15:14

Tgt Ion: 43 Resp: 27245
 Ion Ratio Lower Upper
 43 100
 58 25.2 22.1 33.1

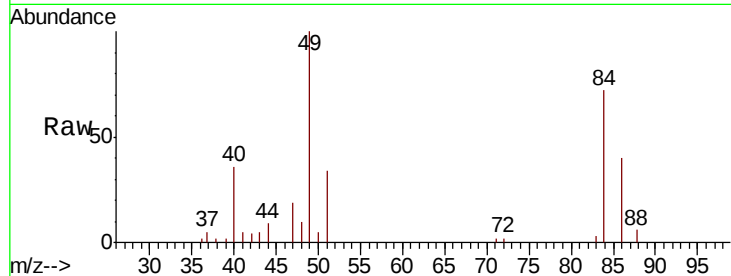




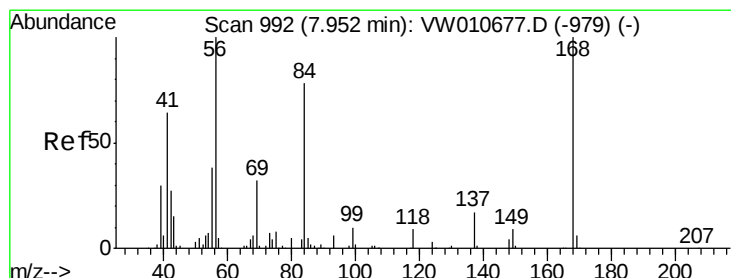
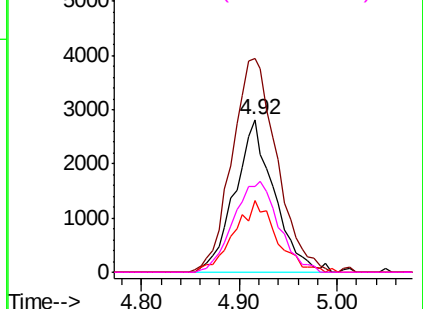
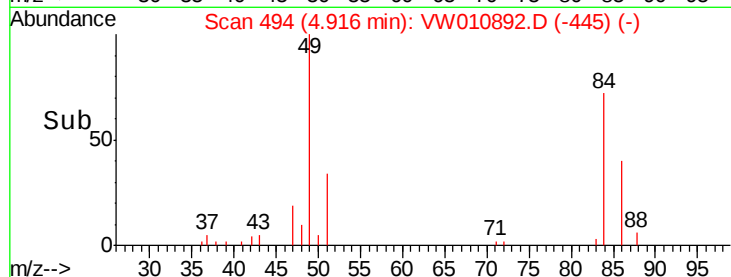
#20
Methvlene Chloride
Concen: 3.055 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010892.D
Acq: 20 Jun 2019 15:14

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	84	Resp:	7896
Ion	Ratio	Lower	Upper
84	100		
49	139.8	116.7	175.1
51	47.1	34.2	51.2
86	56.3	51.2	76.8

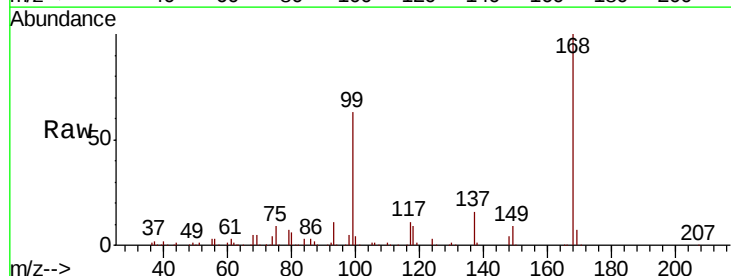


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

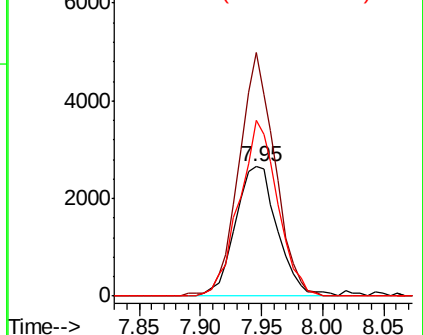
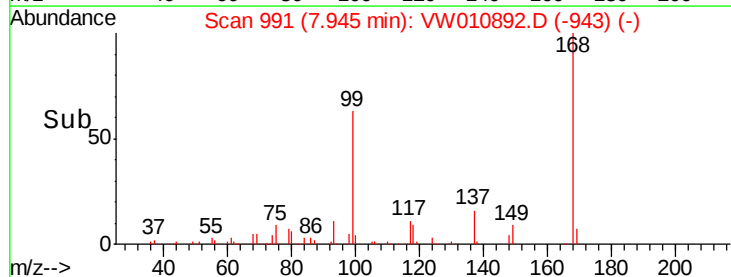


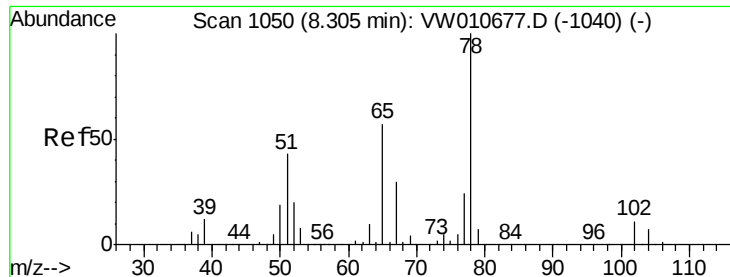
#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010892.D
Acq: 20 Jun 2019 15:14

Tgt Ion:	56	Resp:	6315
Ion	Ratio	Lower	Upper
56	100		
69	188.1	25.2	37.8#
84	135.8	62.2	93.2#



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

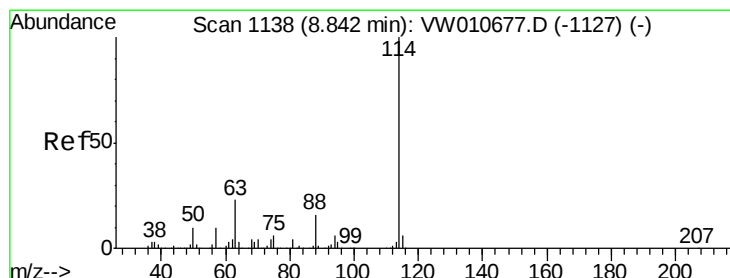
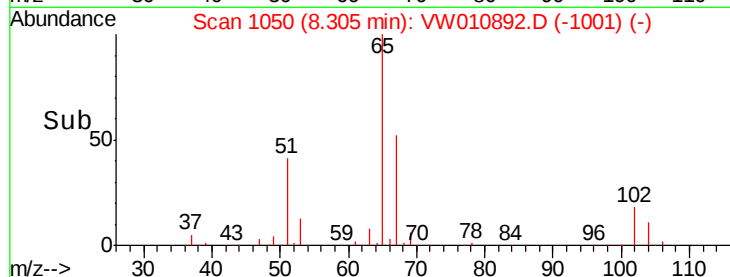
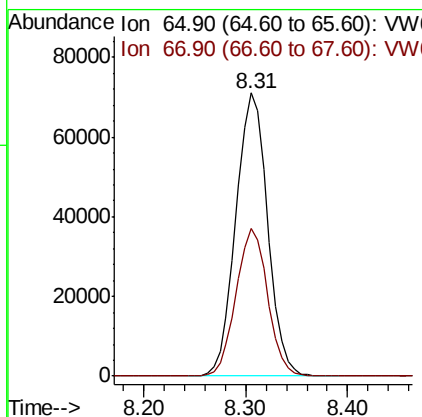
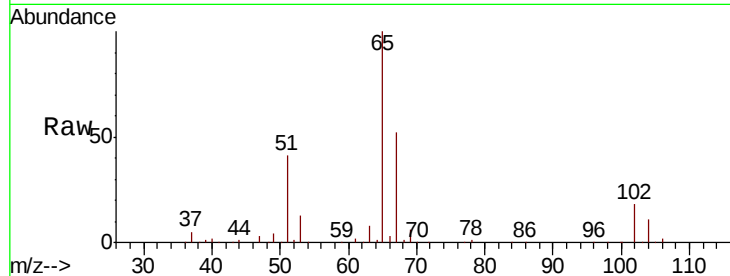




#33
 1,2-Dichloroethane-d4
 Concen: 55.962 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010892.D
 Acq: 20 Jun 2019 15:14

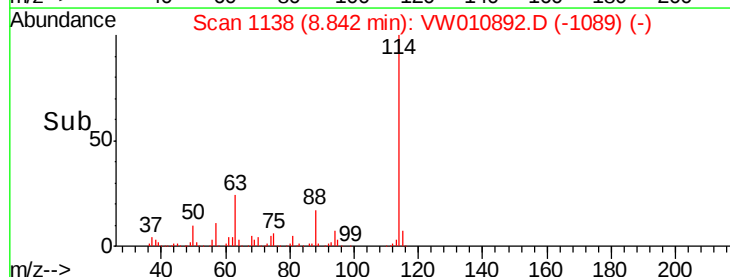
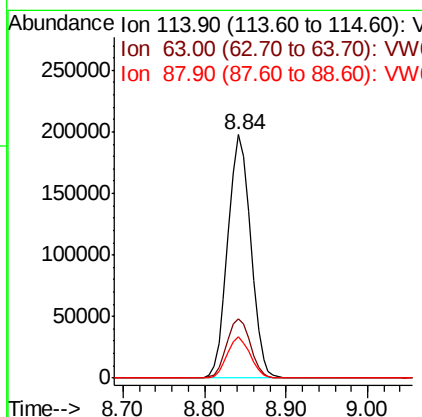
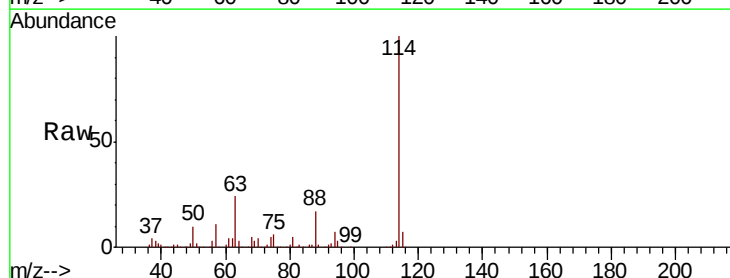
Instrument :
 MSVOA_W
 ClientSampleId :

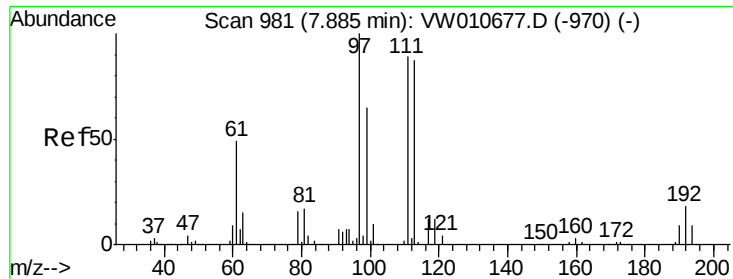
Tot Ion: 65 Resp: 153872
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010892.D
 Acq: 20 Jun 2019 15:14

Tgt Ion: 114 Resp: 383717
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 46.4
 88 17.1 0.0 32.2

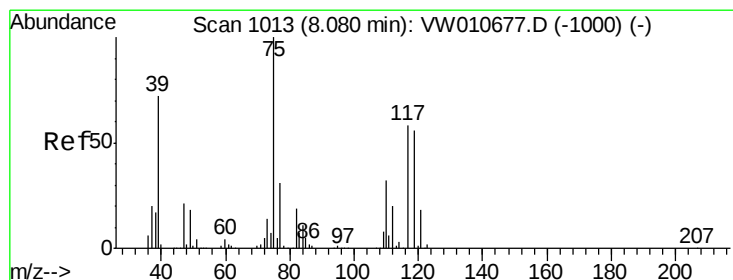
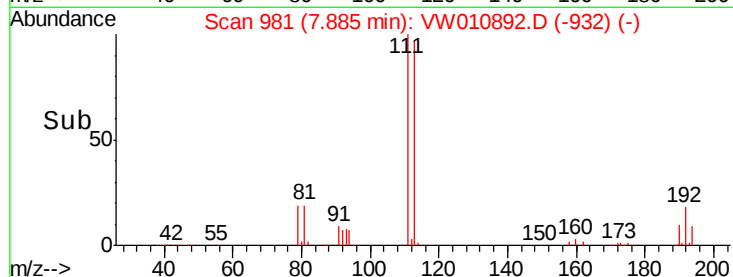
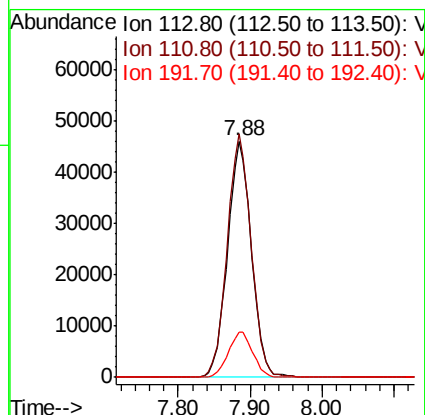
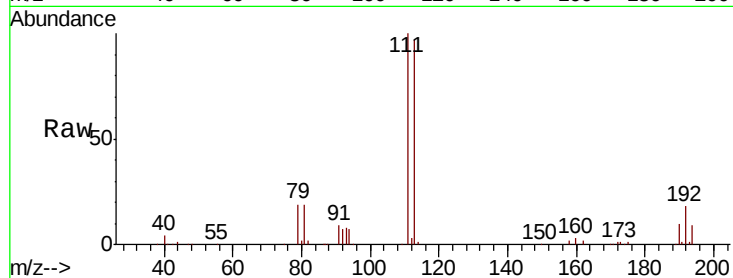




#35
 Dibromofluoromethane
 Concen: 51.168 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010892.D
 Acq: 20 Jun 2019 15:14

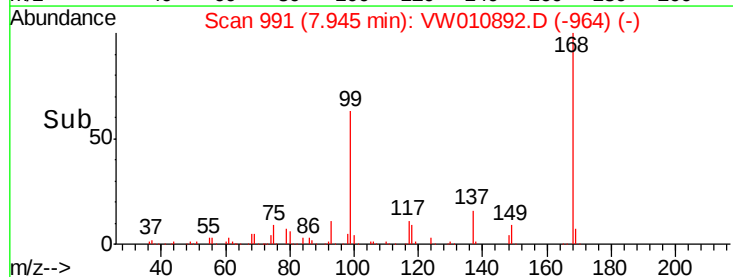
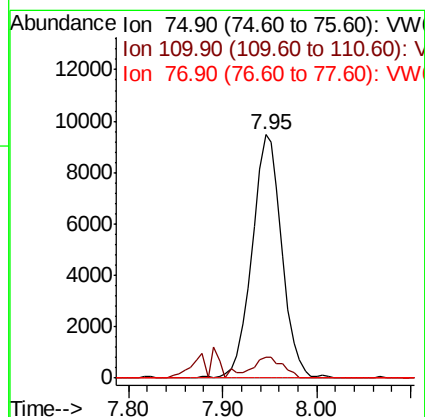
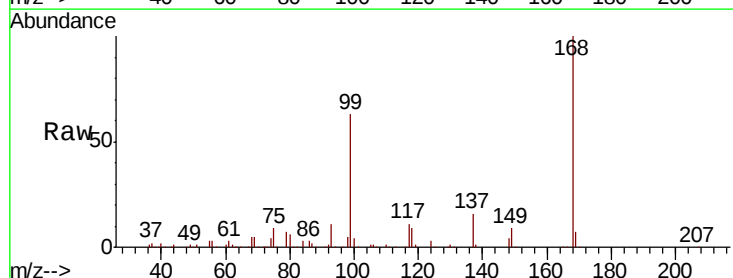
Instrument :
 MSVOA_W
 ClientSampleId :

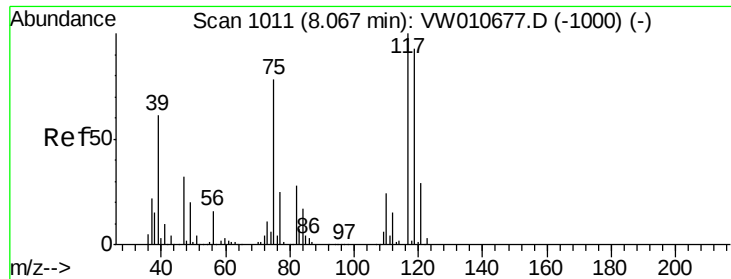
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	19.5	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 5.358 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010892.D
 Acq: 20 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	15.8	47.3#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.959 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010892.D

Acq: 20 Jun 2019 15:14

Instrument :

MSVOA_W

ClientSampled :

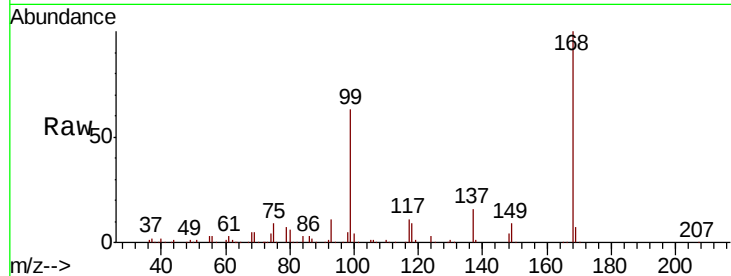
Tot Ion:117 Resp: 23596

Ion Ratio Lower Upper

117 100

119 5.5 74.2 111.4#

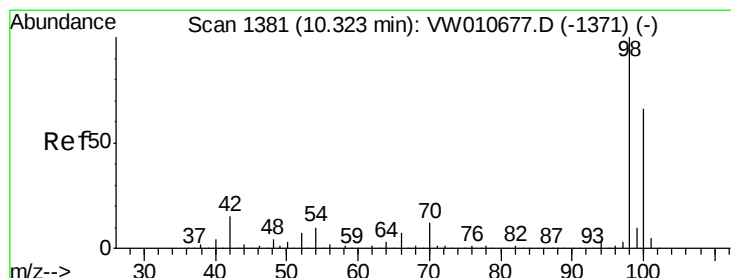
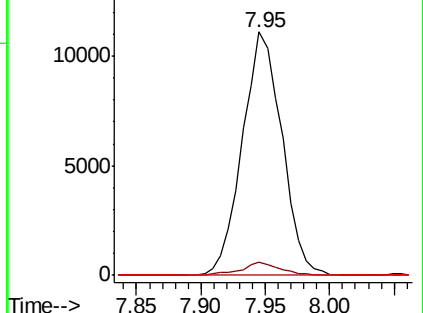
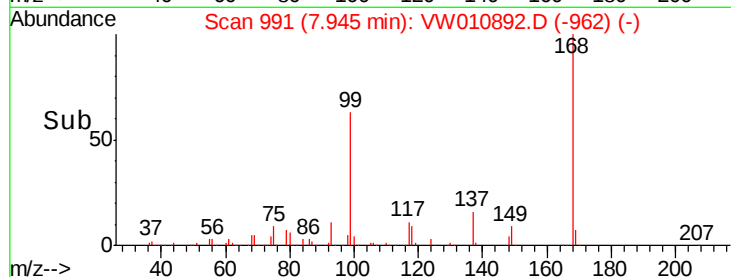
121 0.0 22.9 34.3#



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: 51.934 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010892.D

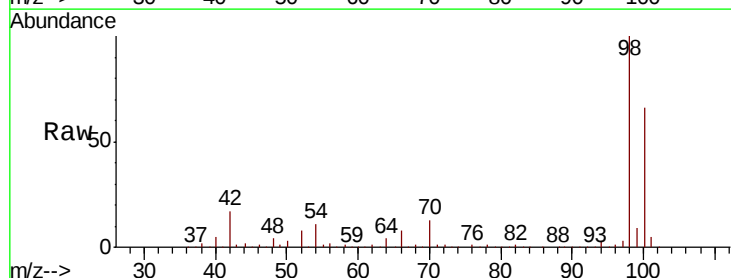
Acq: 20 Jun 2019 15:14

Tgt Ion: 98 Resp: 474313

Ion Ratio Lower Upper

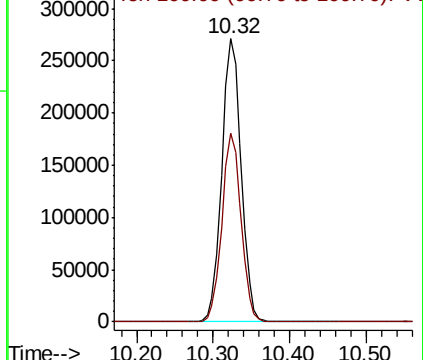
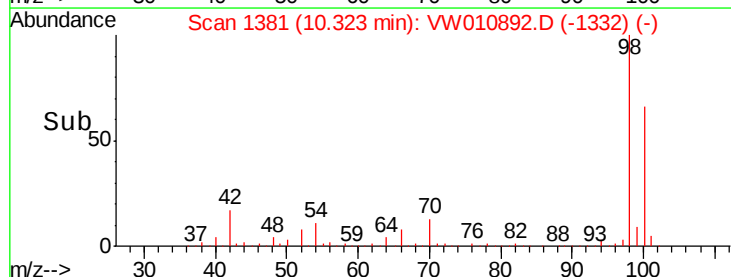
98 100

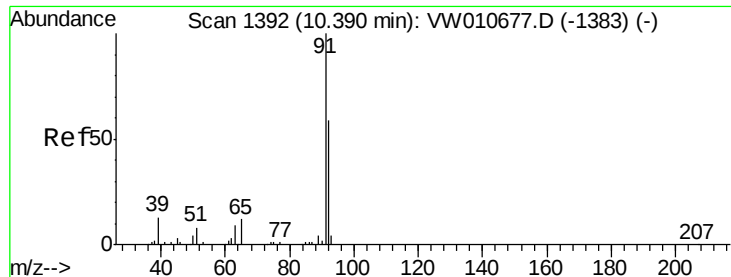
100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.122 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010892.D

Acq: 20 Jun 2019 15:14

Instrument :

MSVOA_W

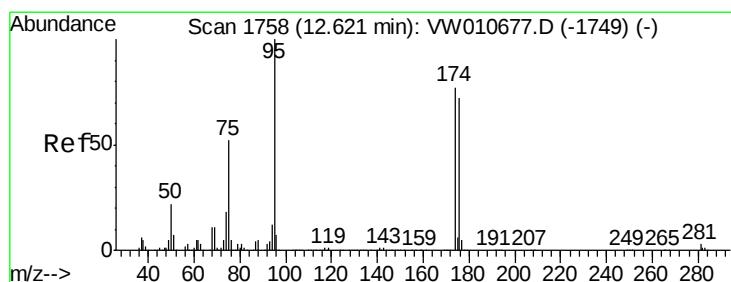
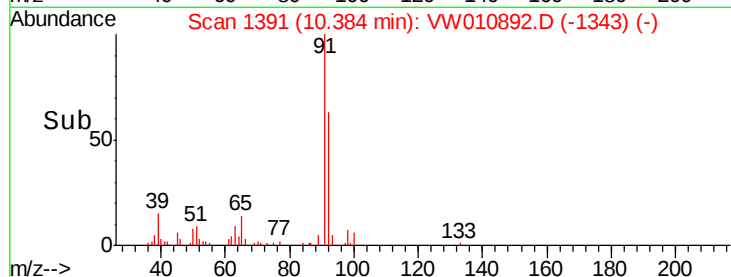
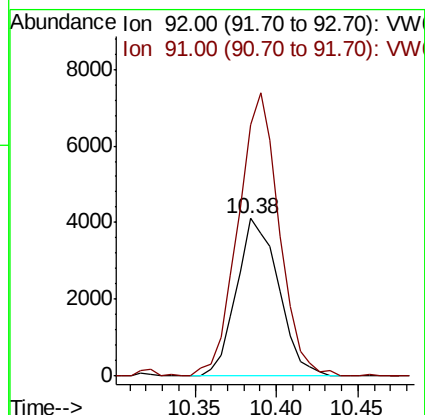
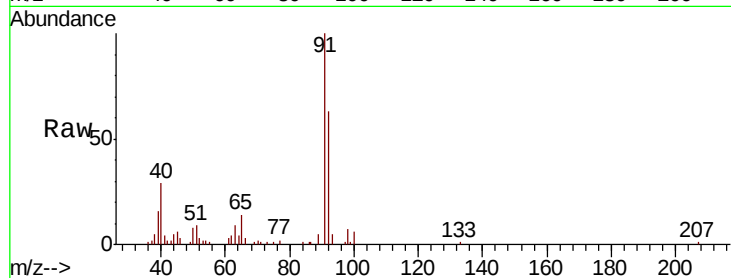
ClientSampled :

Tot Ion: 92 Resp: 7398

Ion Ratio Lower Upper

92 100

91 174.7 134.9 202.3



#62

4-Bromofluorobenzene

Concen: 47.418 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010892.D

Acq: 20 Jun 2019 15:14

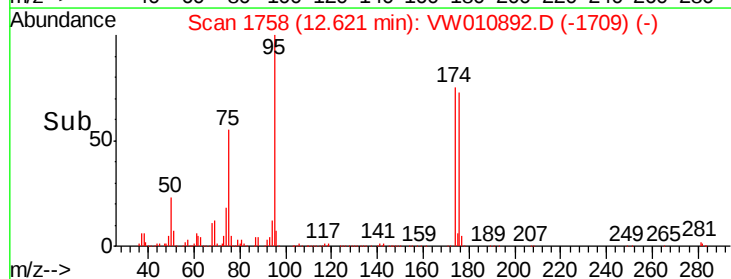
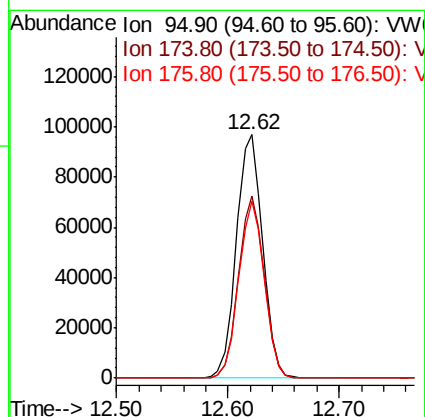
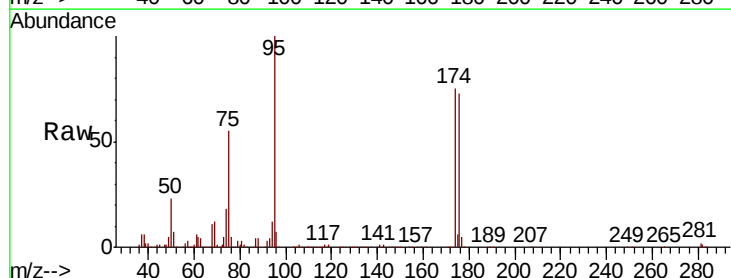
Tgt Ion: 95 Resp: 157590

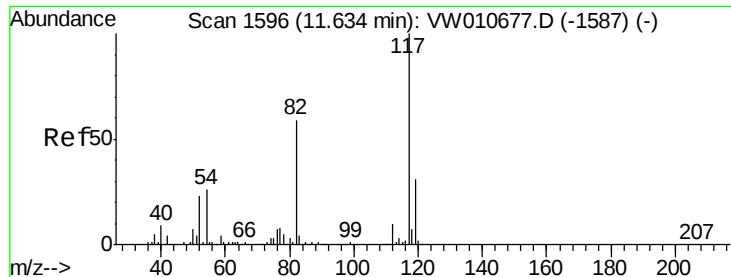
Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.4

176 70.7 0.0 144.8

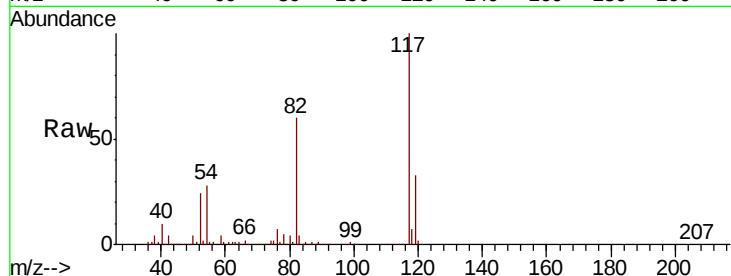




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010892.D
Acq: 20 Jun 2019 15:14

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.0	70.4
119	32.7	25.1	37.7

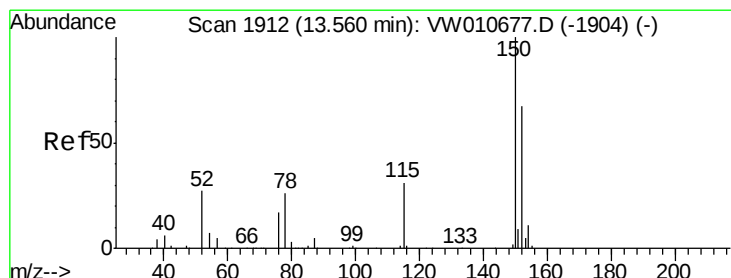
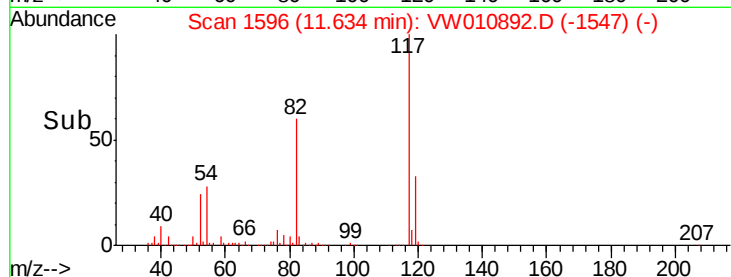
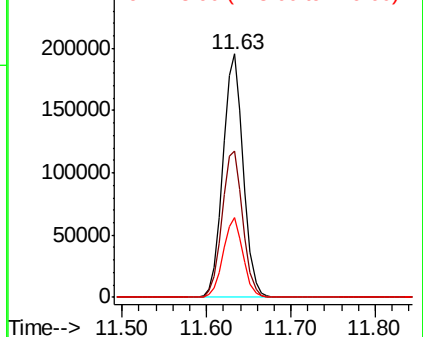


Abundance

Ion 116.90 (116.60 to 117.60): V

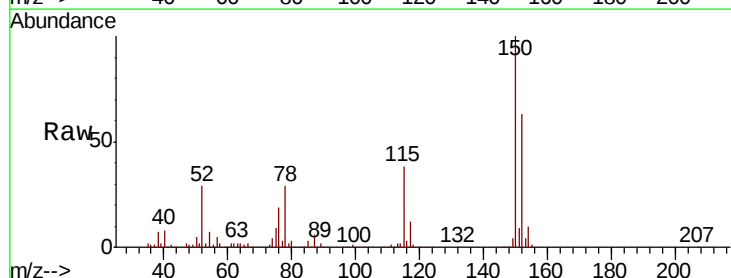
Ion 82.00 (81.70 to 82.70): V

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: VW010892.D
Acq: 20 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	29.8	89.3
150	156.6	0.0	345.0

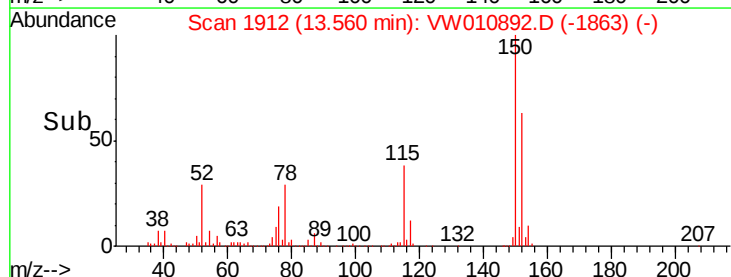
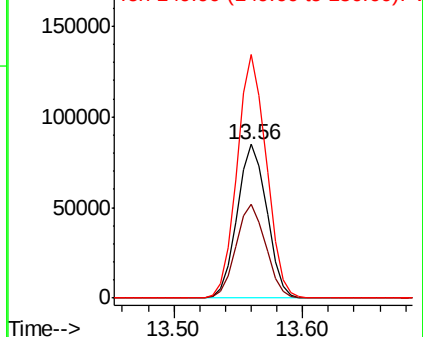


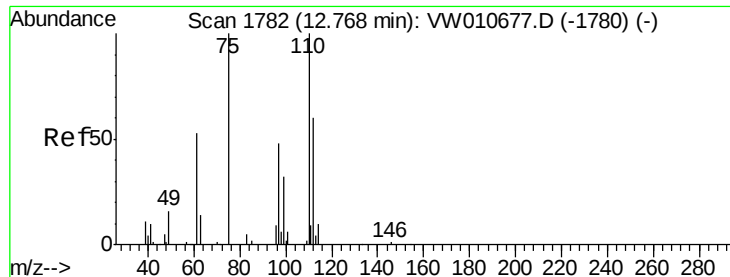
Abundance

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: 61.377 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010892.D

Acq: 20 Jun 2019 15:14

Instrument :

MSVOA_W

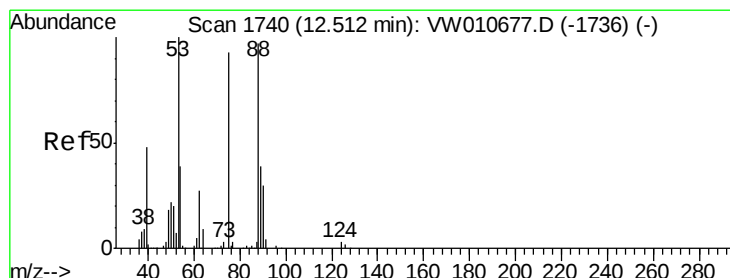
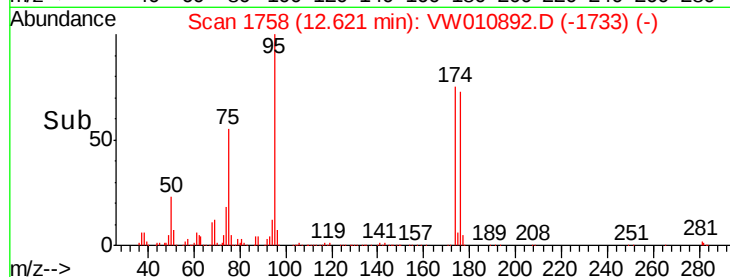
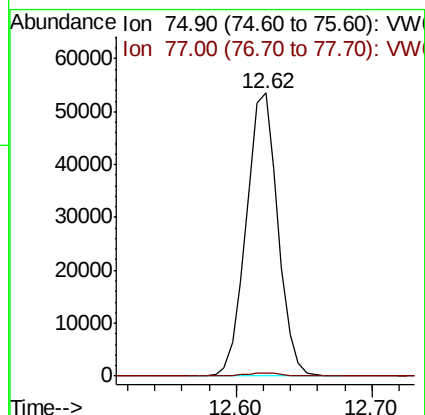
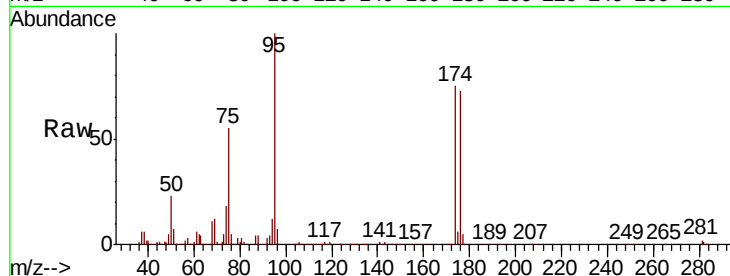
ClientSampleId :

Tot Ion: 75 Resp: 87170

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 141.064 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010892.D

Acq: 20 Jun 2019 15:14

Tgt Ion: 75 Resp: 87170

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

