

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010715.D
 Acq On : 06 Jun 2019 17:40
 Operator : SY/VA
 Sample : K3153-03RE
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-060519-BRE

Quant Time: Jun 07 07:40:02 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	196117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	340283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	132799	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	145208	62.82	ug/l	0.00
Spiked Amount			Recovery	=	125.64%	
35) Dibromofluoromethane	7.88	113	103361	55.96	ug/l	0.00
Spiked Amount			Recovery	=	111.92%	
50) Toluene-d8	10.32	98	442706	54.66	ug/l	0.00
Spiked Amount			Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.62	95	157323	53.38	ug/l	0.00
Spiked Amount			Recovery	=	106.76%	

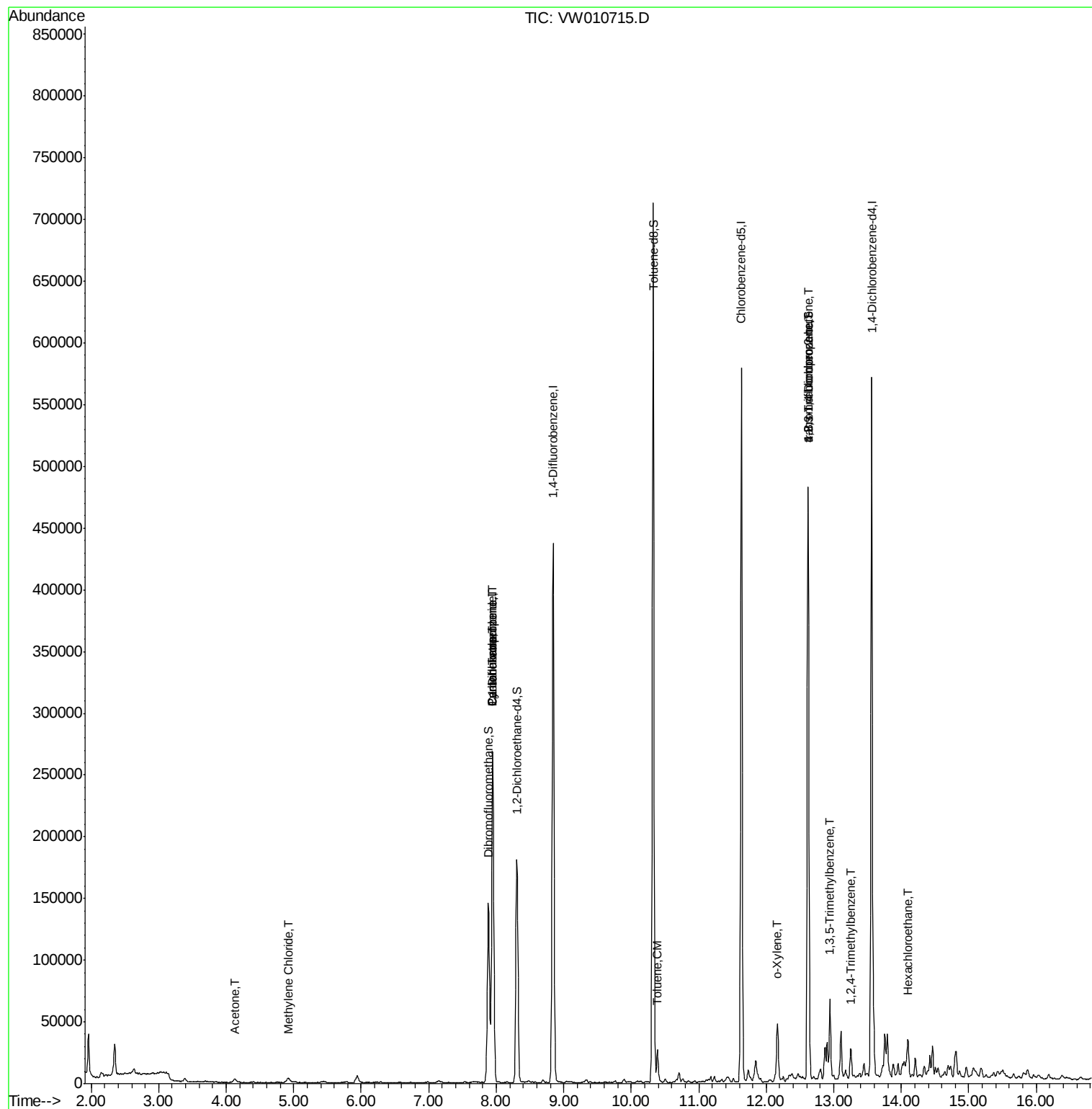
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	6401	10.334	ug/l	92
20) Methylene Chloride	4.91	84	2310	1.063	ug/l #	82
31) Cyclohexane	7.95	56	5273	1.131	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17569	5.044	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20059	6.671	ug/l #	17
52) Toluene	10.39	92	10614	1.815	ug/l	98
69) o-Xylene	12.16	106	11129	2.906	ug/l	94
76) 1,2,3-Trichloropropane	12.62	75	84785	60.796	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.94	105	27278	3.340	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	84785	139.730	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.26	105	13198	1.606	ug/l	100
90) Hexachloroethane	14.10	117	1658	1.026	ug/l #	11

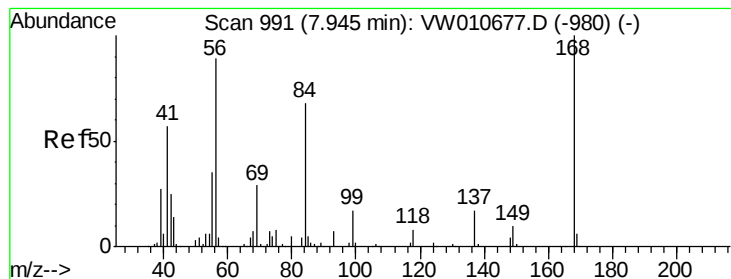
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060619\
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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: VW010715.D

Acq: 06 Jun 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

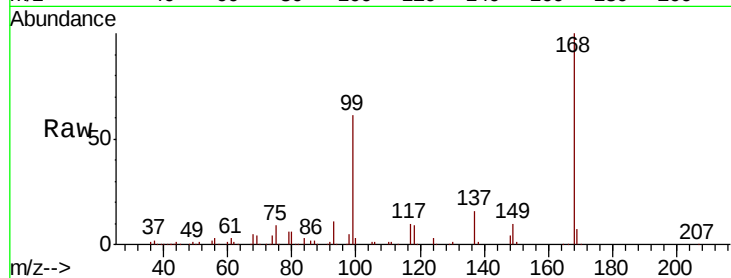
HR-05-060519-BRE

Tot Ion:168 Resp: 196117

Ion Ratio Lower Upper

168 100

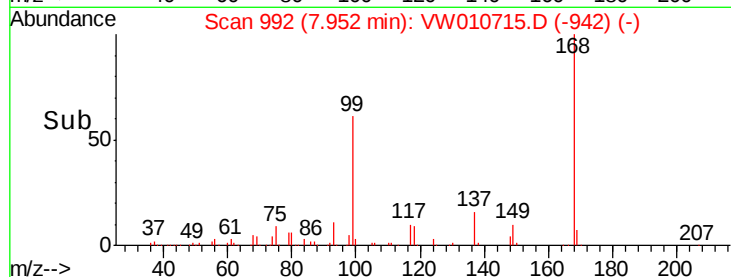
99 60.8 47.7 71.5



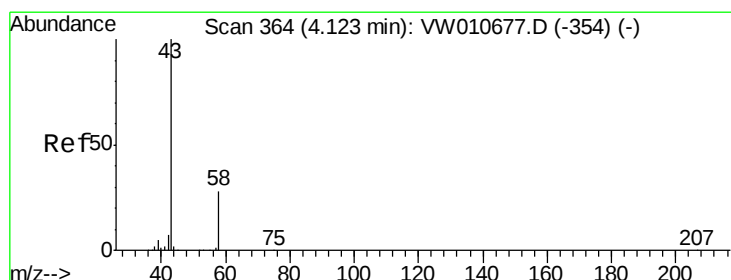
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95



Time-->



#16

Acetone

Concen: 10.334 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010715.D

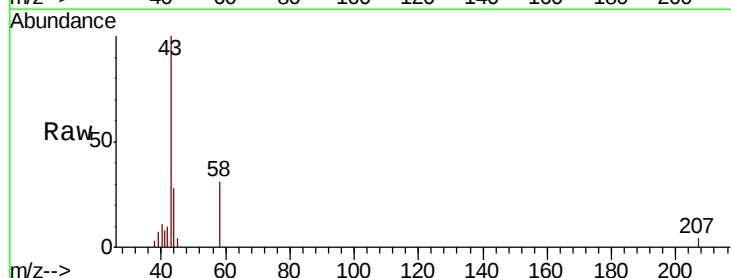
Acq: 06 Jun 2019 17:40

Tgt Ion: 43 Resp: 6401

Ion Ratio Lower Upper

43 100

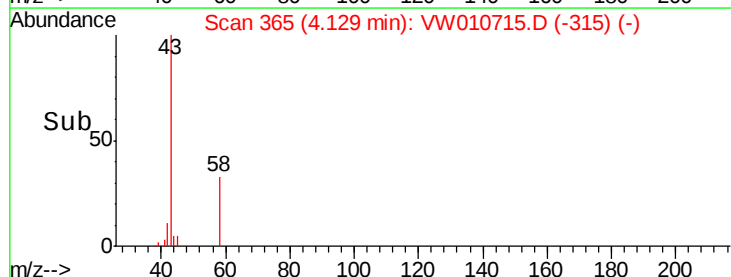
58 31.7 22.1 33.1



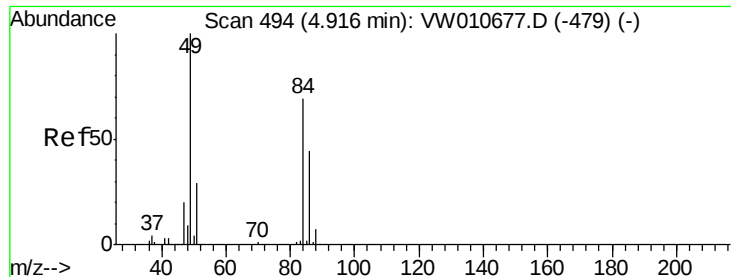
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13



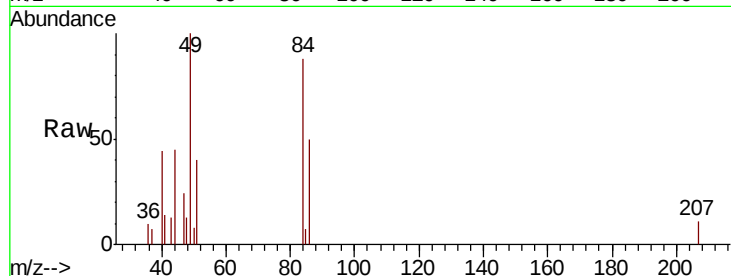
Time-->



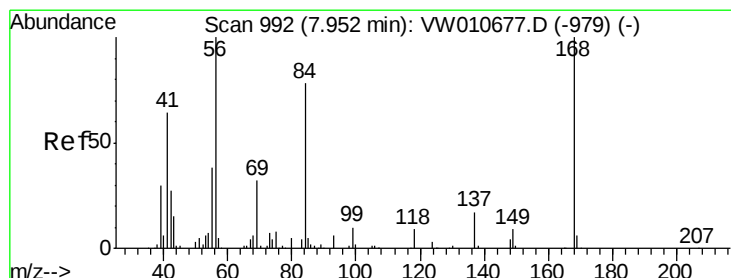
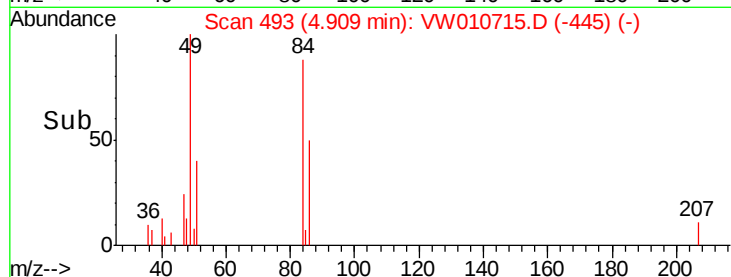
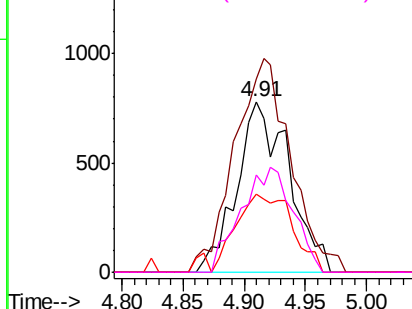
#20
Methvlene Chloride
Concen: 1.063 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010715.D
Acq: 06 Jun 2019 17:40

Instrument :
MSVOA_W
ClientSampleId :
HR-05-060519-BRE

Tot Ion: 84 Resp: 2310
Ion Ratio Lower Upper
84 100
49 113.2 116.7 175.1#
51 45.8 34.2 51.2
86 56.9 51.2 76.8

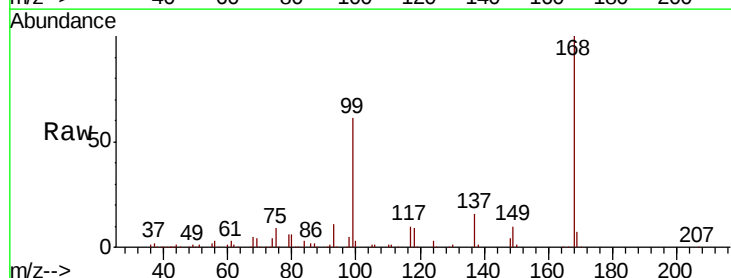


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

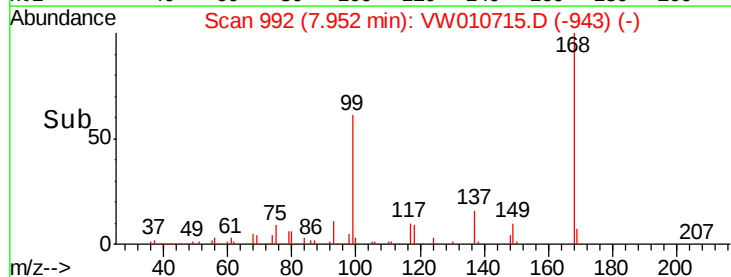
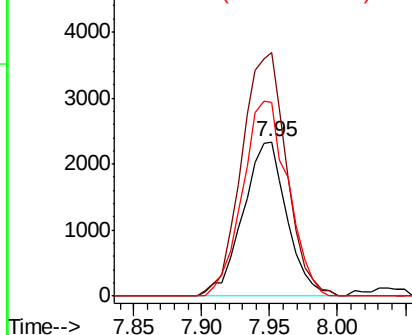


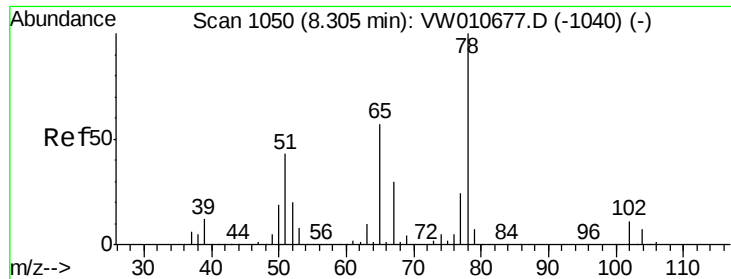
#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW010715.D
Acq: 06 Jun 2019 17:40

Tgt Ion: 56 Resp: 5273
Ion Ratio Lower Upper
56 100
69 157.9 25.2 37.8#
84 125.5 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

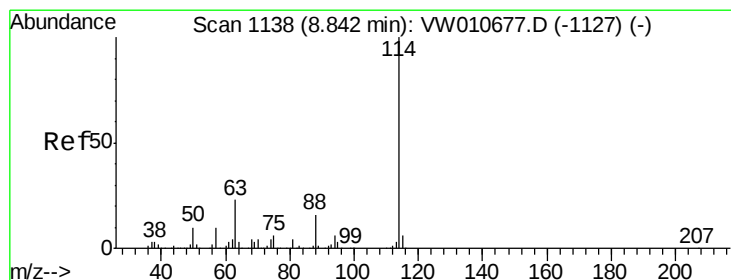
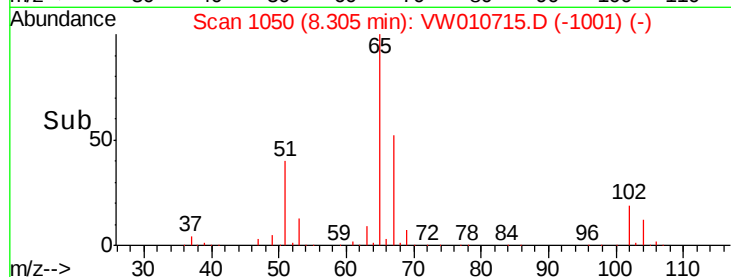
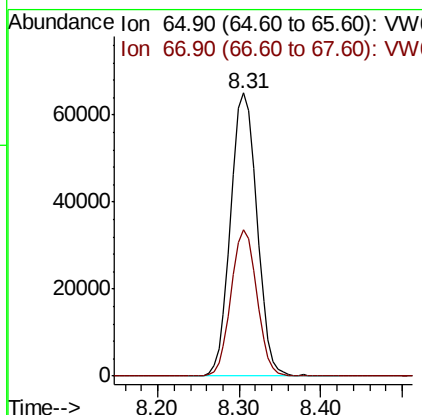
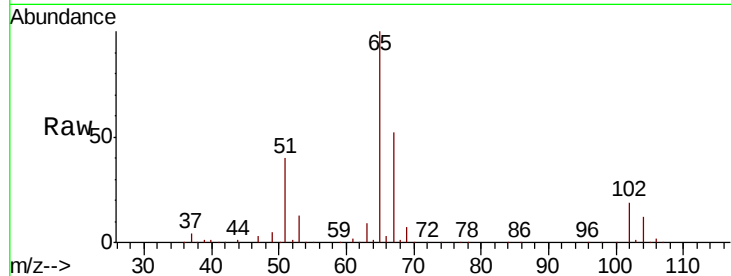




#33
 1,2-Dichloroethane-d4
 Concen: 62.818 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010715.D
 Acq: 06 Jun 2019 17:40

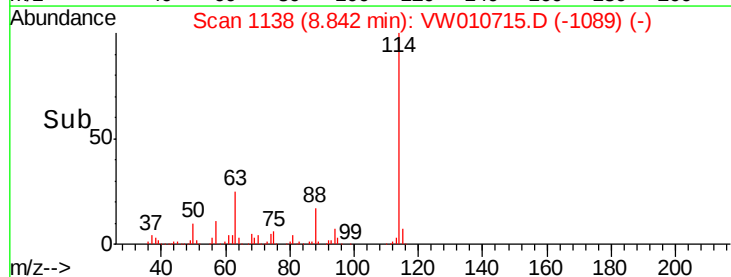
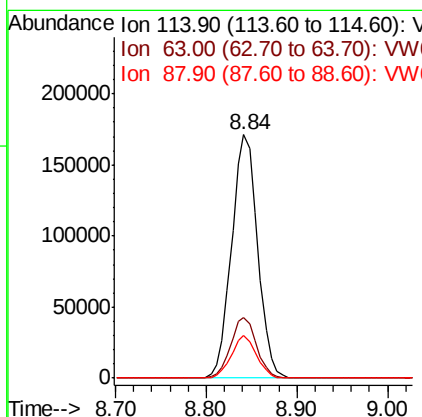
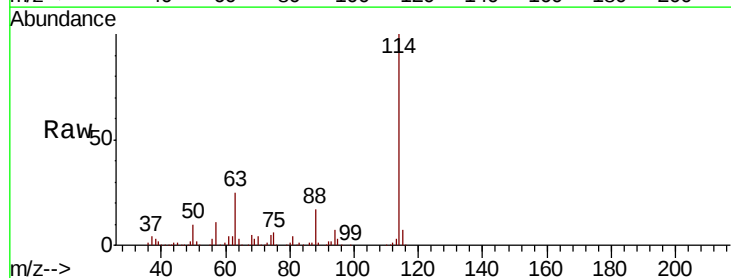
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-060519-BRE

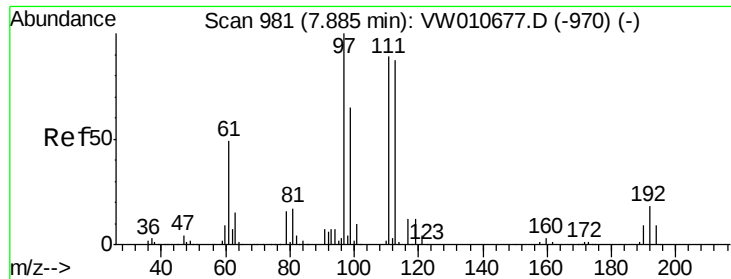
Tot Ion: 65 Resp: 145208
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010715.D
 Acq: 06 Jun 2019 17:40

Tgt Ion: 114 Resp: 340283
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 46.4
 88 17.4 0.0 32.2

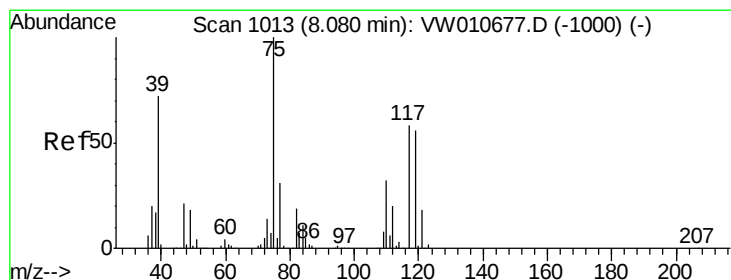
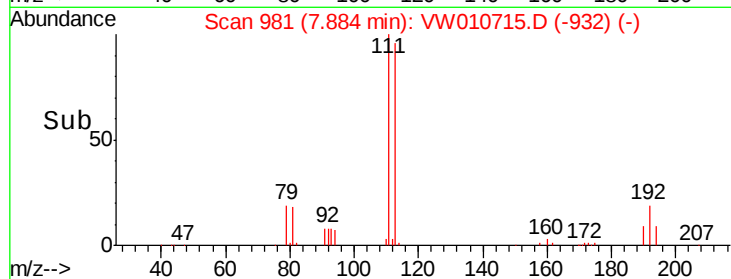
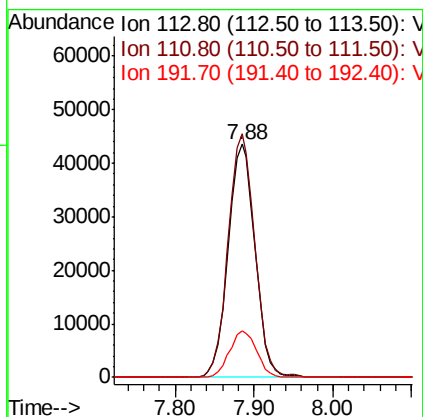
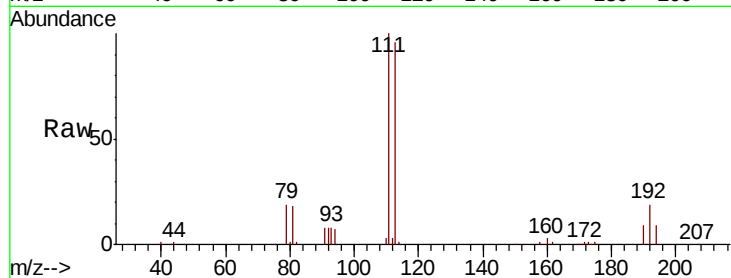




#35
 Dibromofluoromethane
 Concen: 55.962 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010715.D
 Acq: 06 Jun 2019 17:40

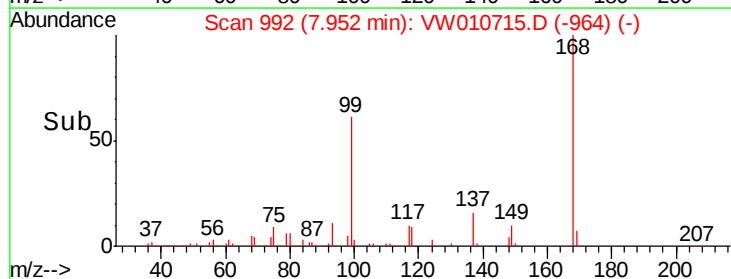
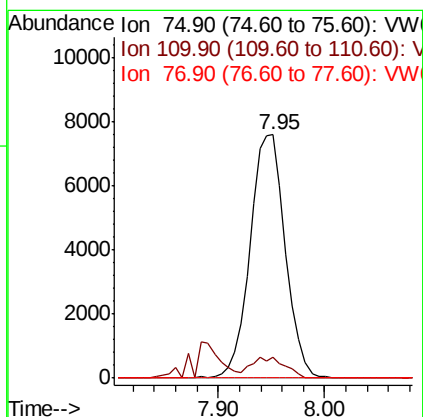
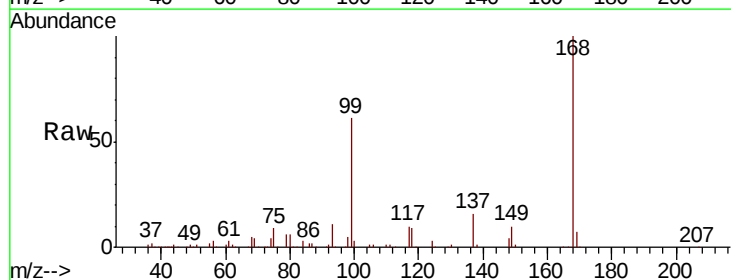
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-060519-BRE

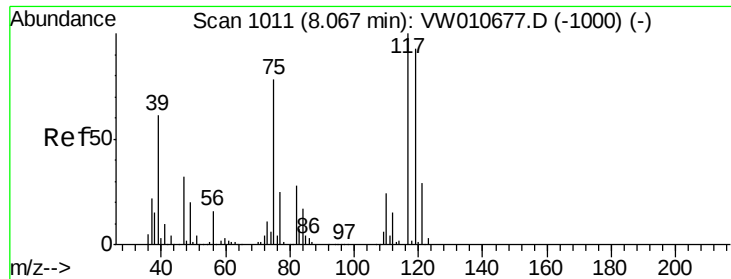
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	20.1	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 5.044 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW010715.D
 Acq: 06 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	15.8	47.3#
77	0.0	24.7	37.1#

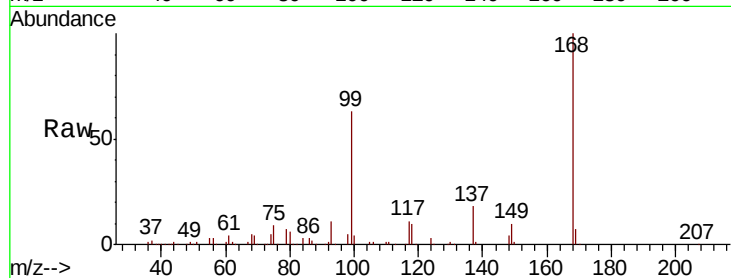




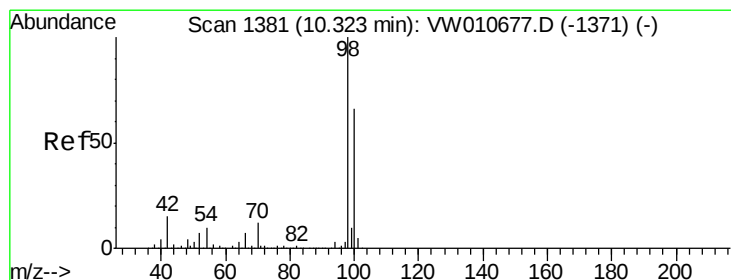
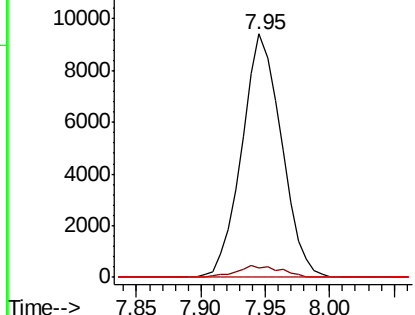
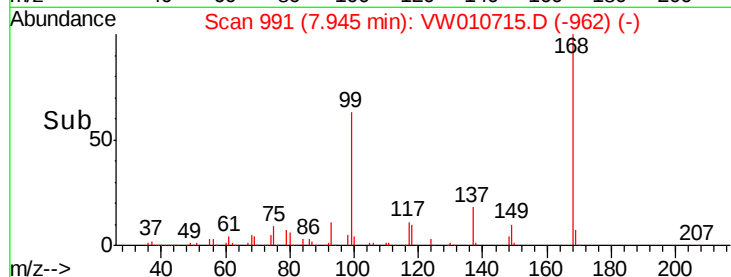
#38
Carbon Tetrachloride
Concen: 6.671 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010715.D
Acq: 06 Jun 2019 17:40

Instrument :
MSVOA_W
ClientSampleId :
HR-05-060519-BRE

Tot Ion:117 Resp: 20059
Ion Ratio Lower Upper
117 100
119 4.0 74.2 111.4#
121 0.0 22.9 34.3#

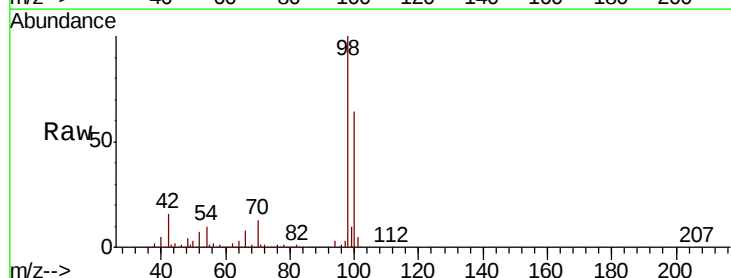


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

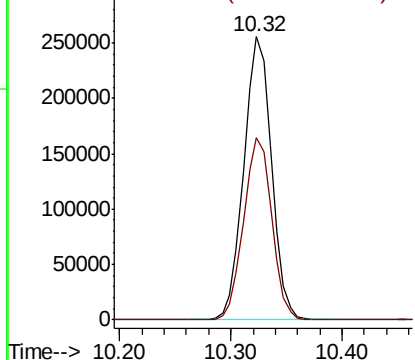
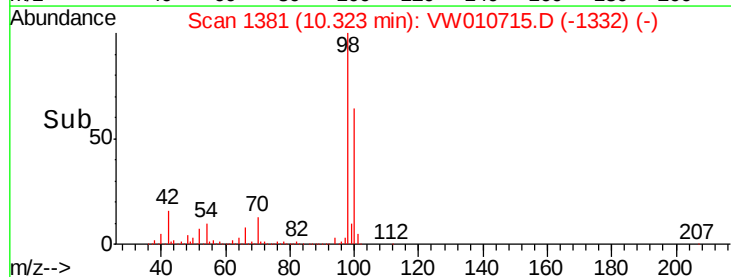


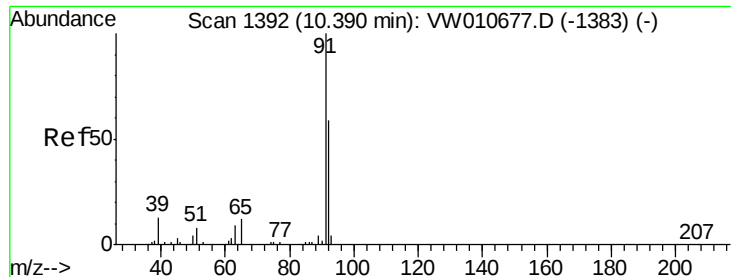
#50
Toluene-d8
Concen: 54.660 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010715.D
Acq: 06 Jun 2019 17:40

Tgt Ion: 98 Resp: 442706
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6



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





#52

Toluene

Concen: 1.815 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010715.D

Acq: 06 Jun 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

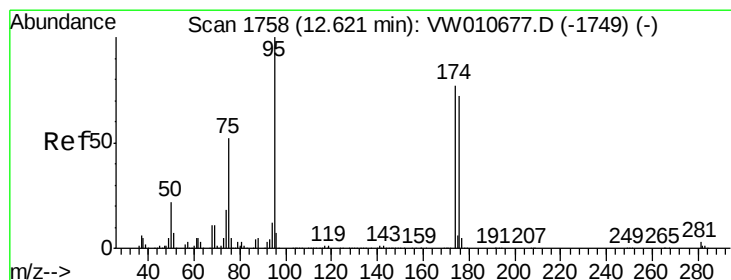
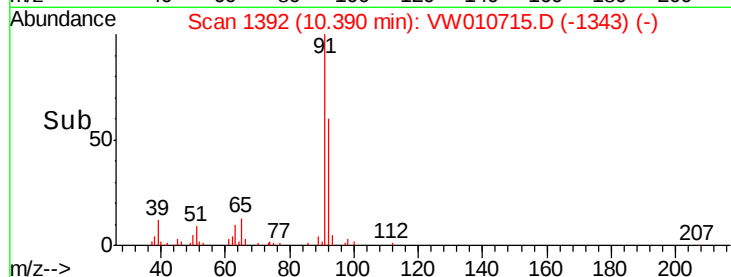
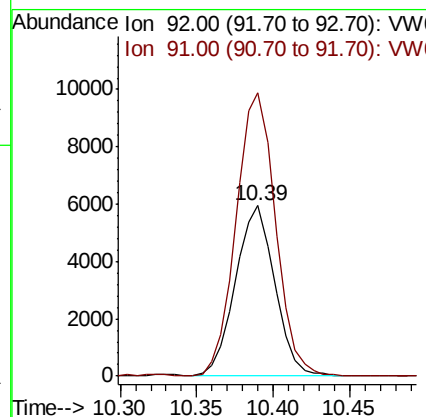
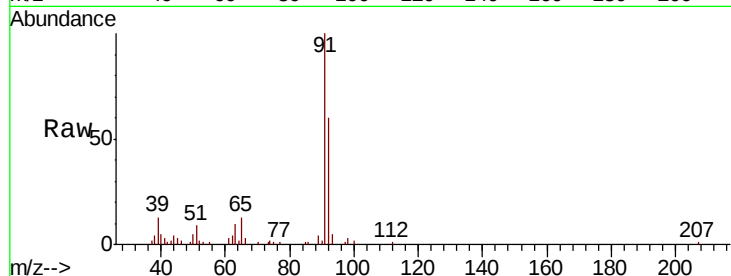
HR-05-060519-BRE

Tot Ion: 92 Resp: 10614

Ion Ratio Lower Upper

92 100

91 166.4 134.9 202.3



#62

4-Bromofluorobenzene

Concen: 53.380 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010715.D

Acq: 06 Jun 2019 17:40

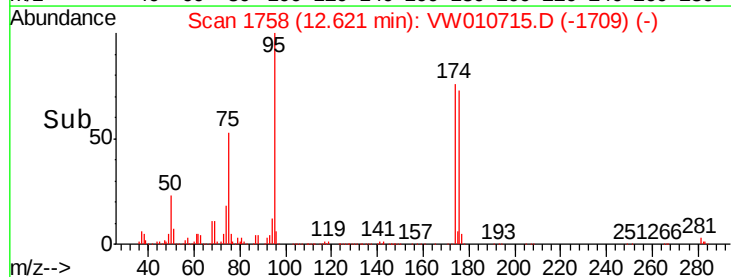
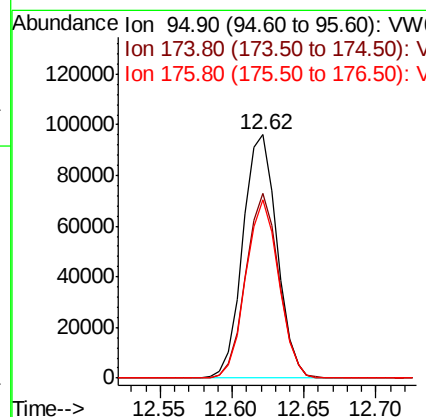
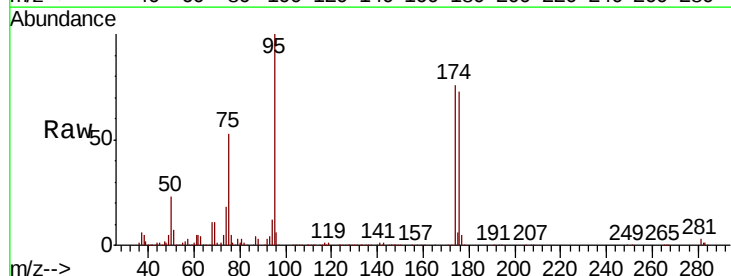
Tgt Ion: 95 Resp: 157323

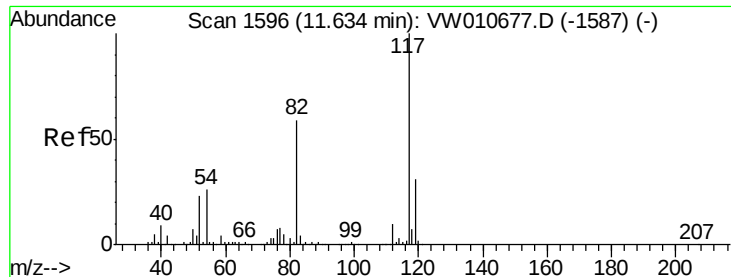
Ion Ratio Lower Upper

95 100

174 73.8 0.0 150.4

176 71.2 0.0 144.8

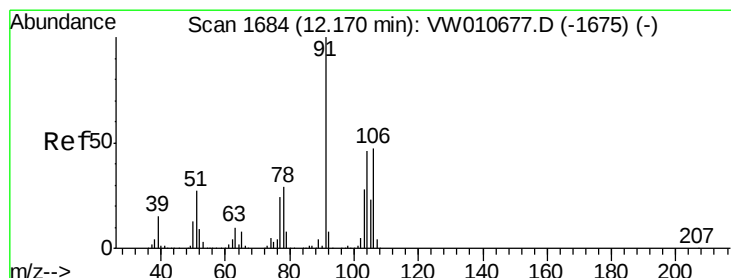
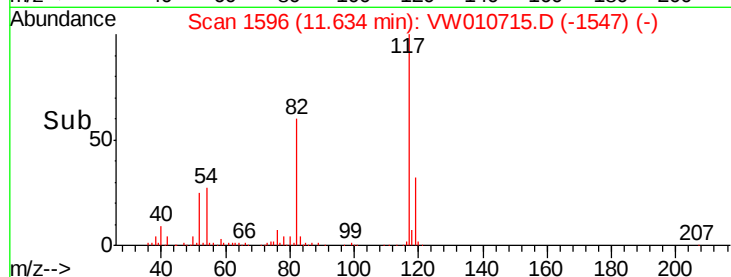
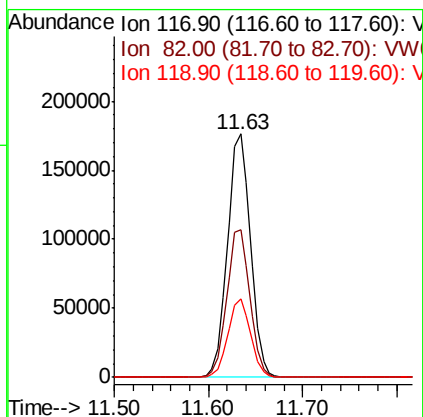
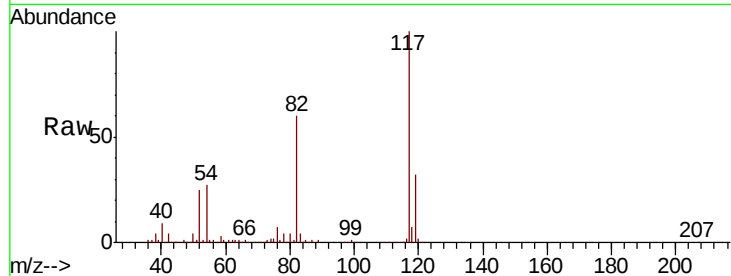




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010715.D
Acq: 06 Jun 2019 17:40

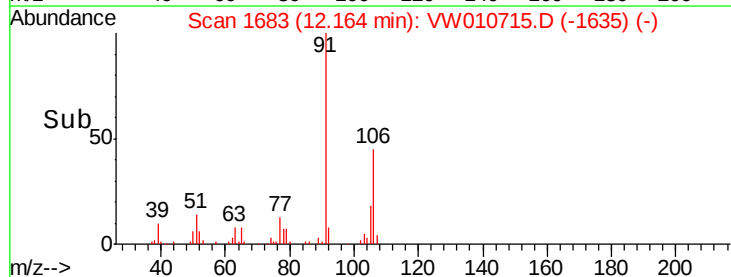
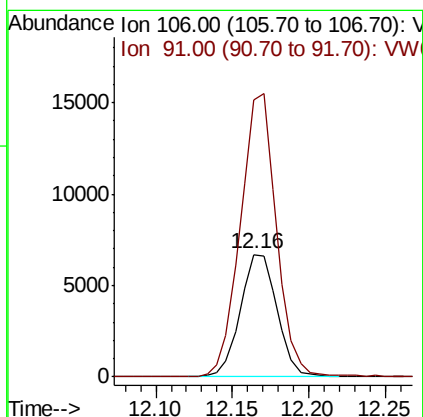
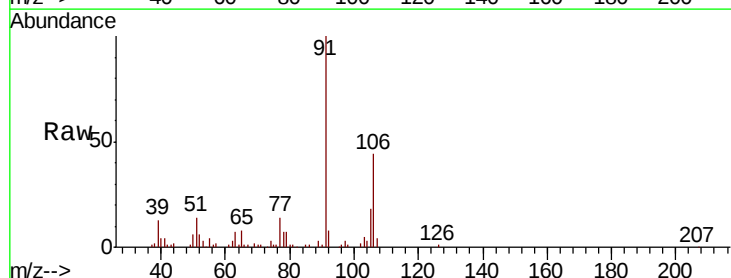
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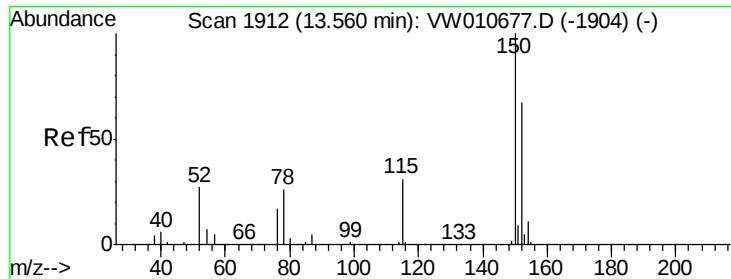
Tot Ion:117 Resp: 298483
Ion Ratio Lower Upper
117 100
82 60.4 47.0 70.4
119 32.4 25.1 37.7



#69
o-Xylene
Concen: 2.906 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010715.D
Acq: 06 Jun 2019 17:40

Tgt Ion:106 Resp: 11129
Ion Ratio Lower Upper
106 100
91 227.9 108.9 326.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010715.D

Acq: 06 Jun 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

HR-05-060519-BRE

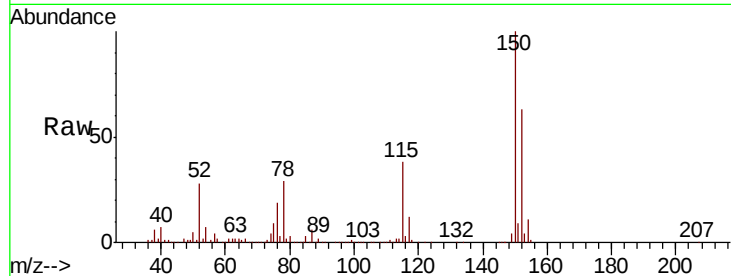
Tot Ion:152 Resp: 132799

Ion Ratio Lower Upper

152 100

115 62.1 29.8 89.3

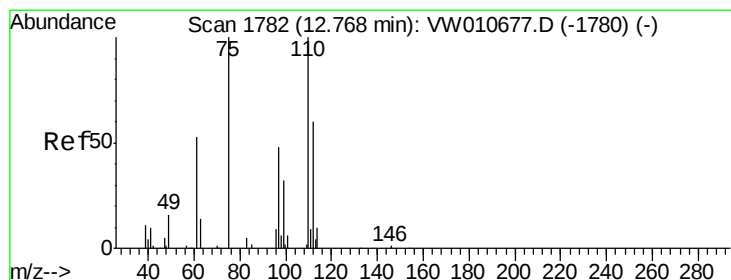
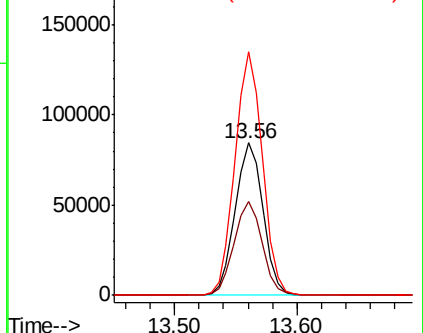
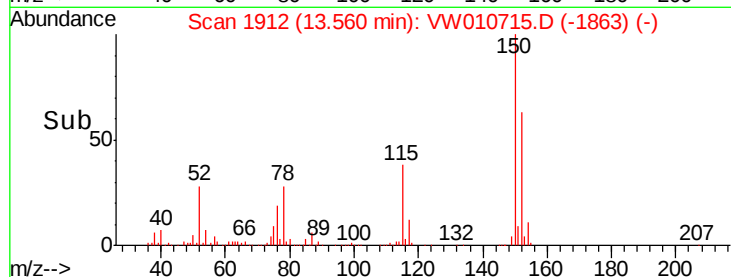
150 157.5 0.0 345.0



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: 60.796 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW010715.D

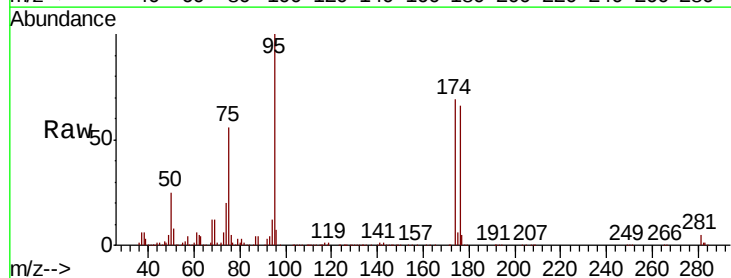
Acq: 06 Jun 2019 17:40

Tgt Ion: 75 Resp: 84785

Ion Ratio Lower Upper

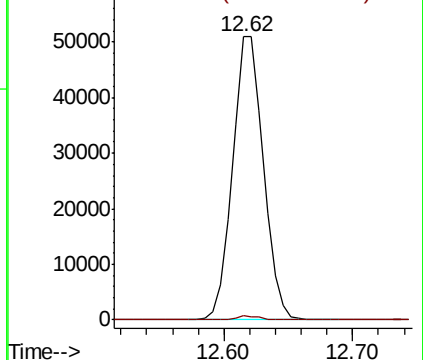
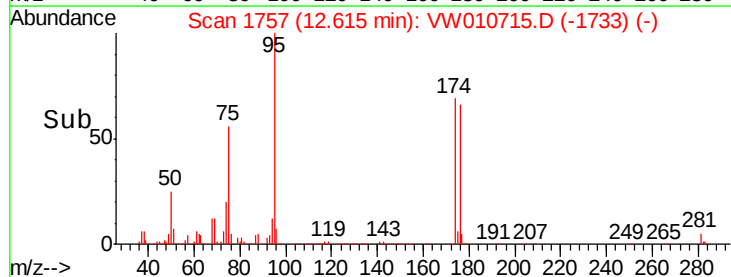
75 100

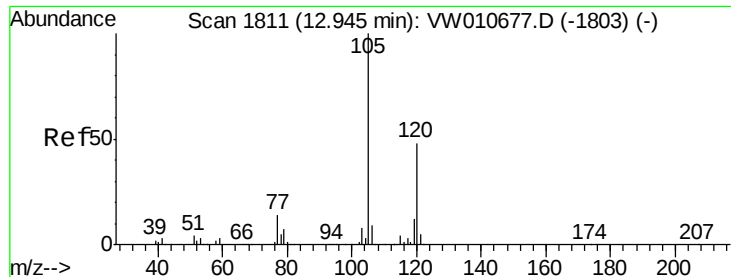
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

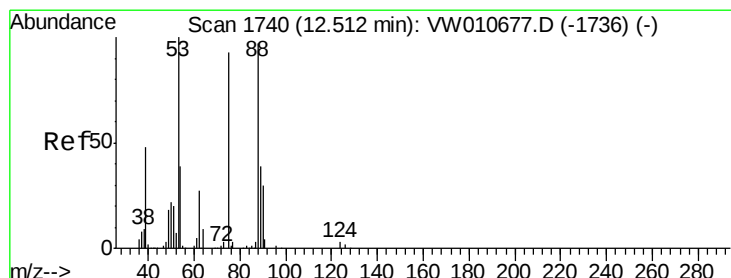
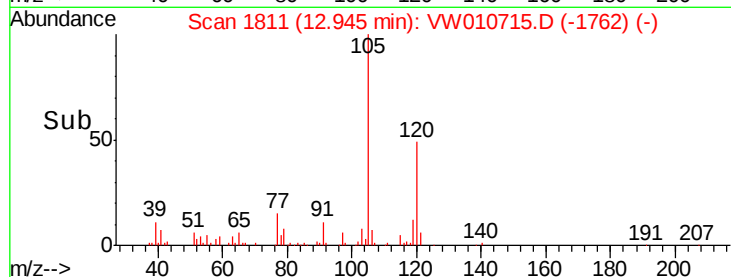
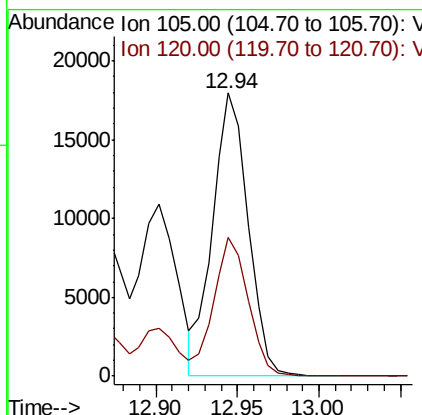
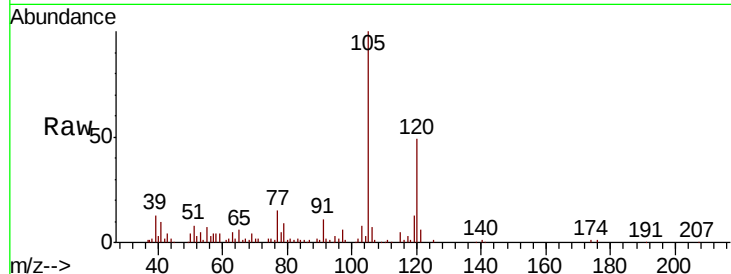




#80
 1,3,5-Trimethylbenzene
 Concen: 3.340 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010715.D
 Acq: 06 Jun 2019 17:40

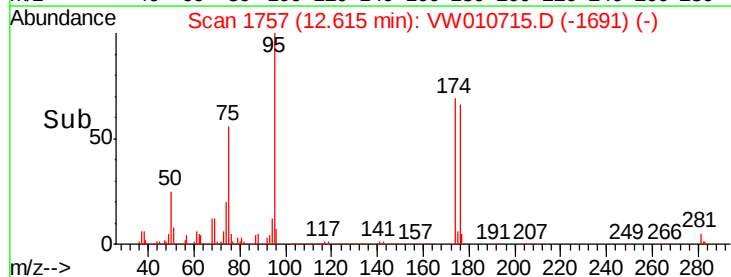
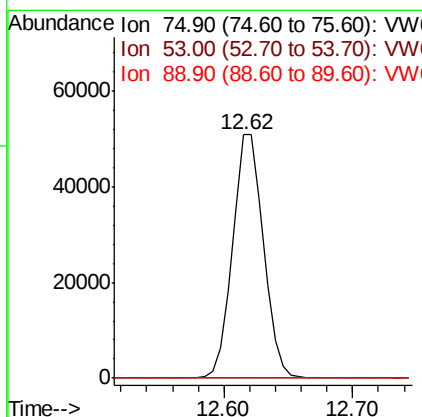
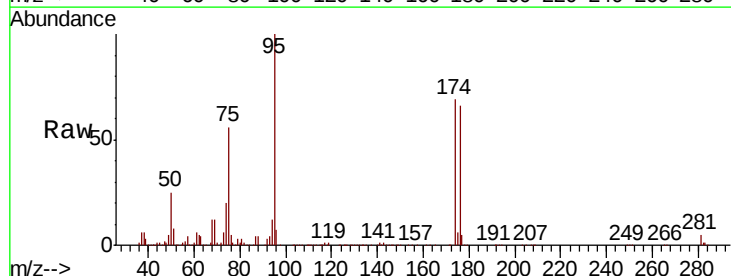
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-060519-BRE

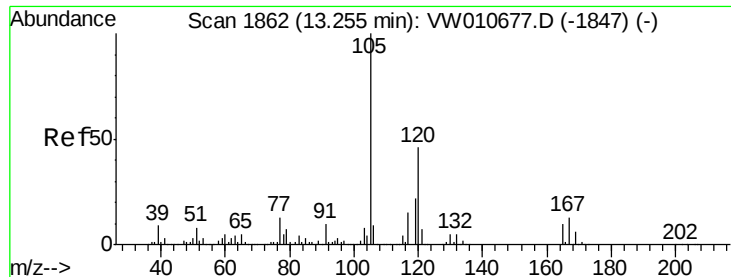
Tot Ion:105 Resp: 27278
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.730 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW010715.D
 Acq: 06 Jun 2019 17:40

Tgt Ion: 75 Resp: 84785
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.1 135.1#
 89 0.0 34.6 52.0#

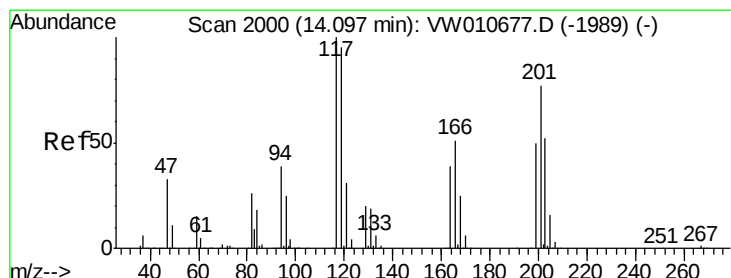
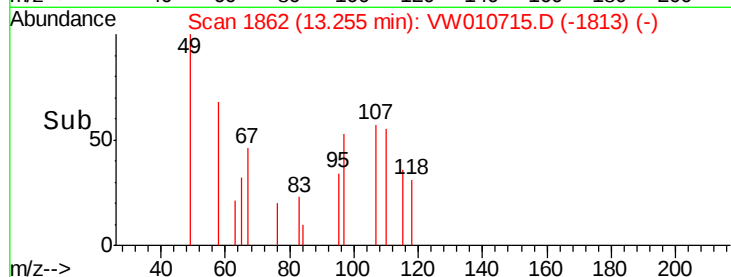
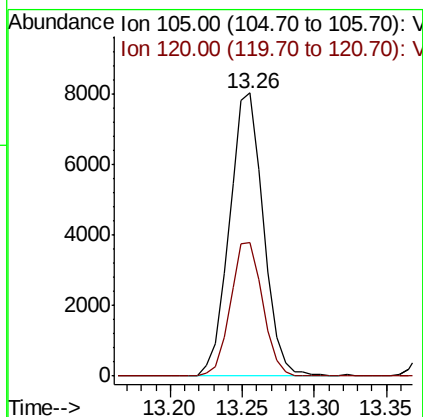
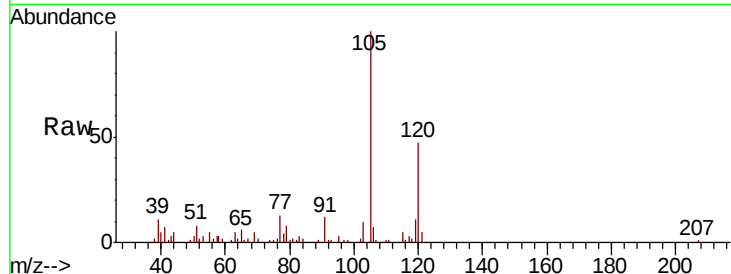




#84
 1,2,4-Trimethylbenzene
 Concen: 1.606 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010715.D
 Acq: 06 Jun 2019 17:40

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-060519-BRE

Tot Ion:105 Resp: 13198
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.5 67.5



#90
 Hexachloroethane
 Concen: 1.026 ug/l
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: VW010715.D
 Acq: 06 Jun 2019 17:40

Tgt Ion:117 Resp: 1658
 Ion Ratio Lower Upper
 117 100
 201 0.0 38.8 116.4#

