

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011854.D
 Acq On : 12 Aug 2019 16:07
 Operator : SY/VA
 Sample : K4229-10
 Misc : 6.23G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 07:46:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	341491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110347	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	136865	58.50	ug/l	0.00
Spiked Amount			Recovery	=	117.00%	
35) Dibromofluoromethane	7.88	113	104914	54.76	ug/l	0.00
Spiked Amount			Recovery	=	109.52%	
50) Toluene-d8	10.32	98	422747	53.89	ug/l	0.00
Spiked Amount			Recovery	=	107.78%	
62) 4-Bromofluorobenzene	12.62	95	129798	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	

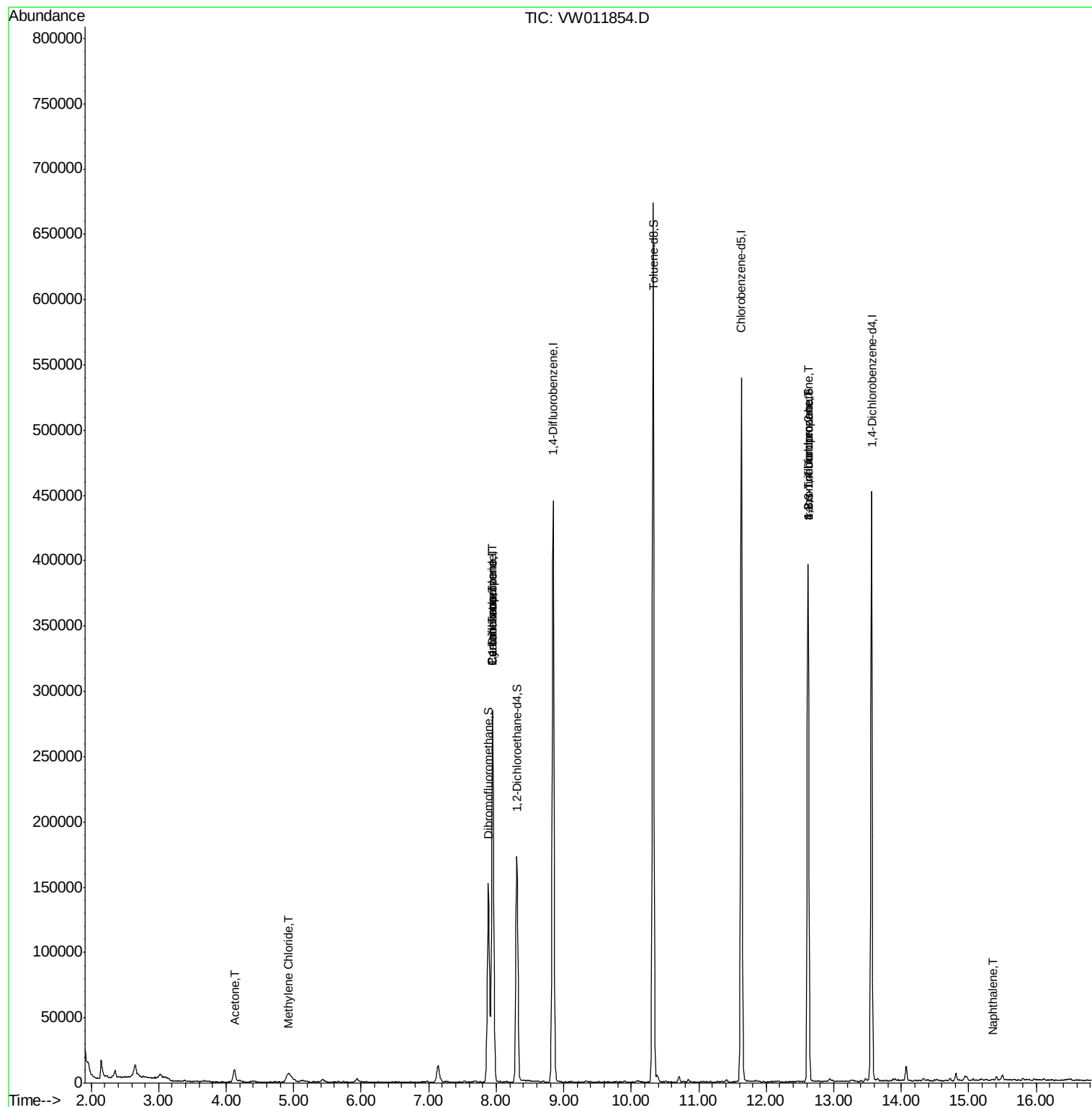
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	965	Below Cal	#	72
16) Acetone	4.12	43	16780	22.548	ug/l	100
20) Methylene Chloride	4.92	84	4573	1.782	ug/l #	83
31) Cyclohexane	7.95	56	5410	1.237	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17661	4.974	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20256	6.664	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	69788	59.771	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69788	137.750	ug/l #	6
95) Naphthalene	15.36	128	543	2.185	ug/l #	73

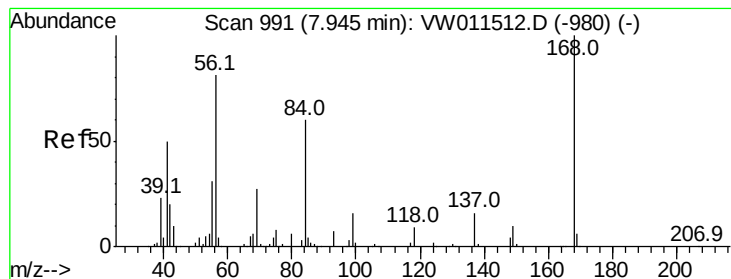
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011854.D

Acq: 12 Aug 2019 16:07

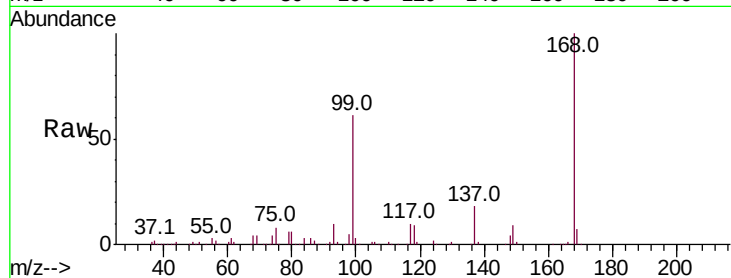
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 203744

Ion Ratio Lower Upper

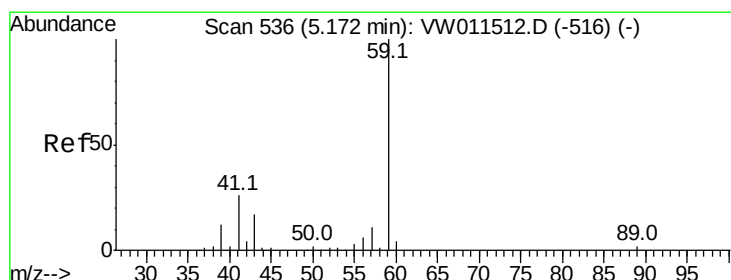
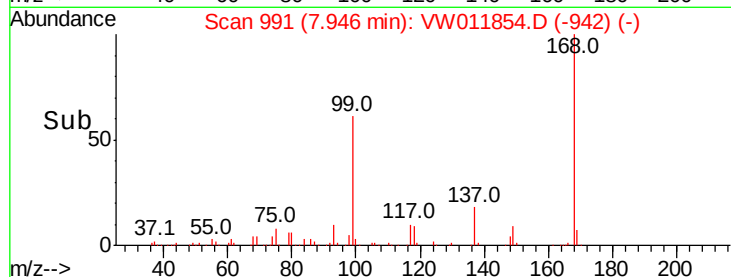
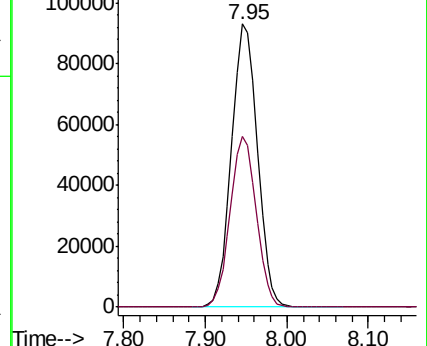
168 100

99 60.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: VW011854.D

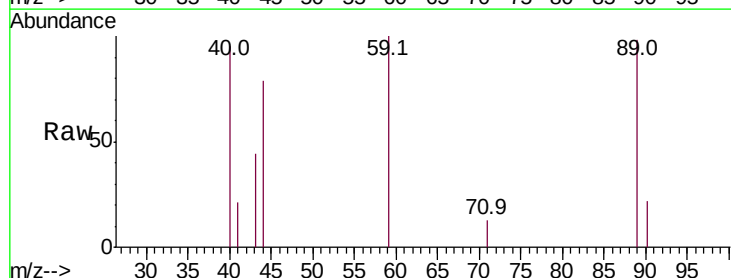
Acq: 12 Aug 2019 16:07

Tgt Ion: 59 Resp: 965

Ion Ratio Lower Upper

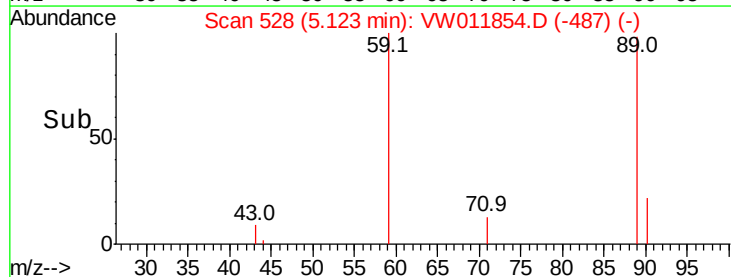
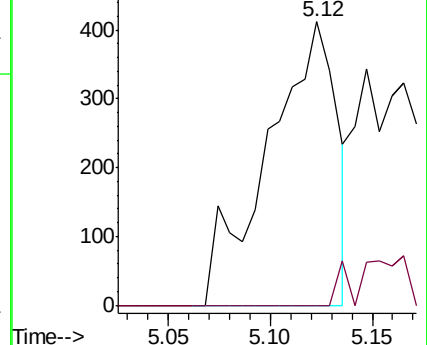
59 100

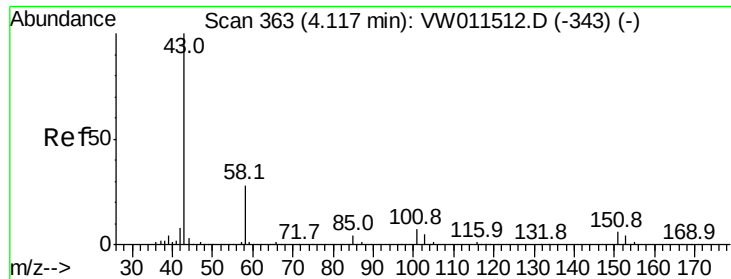
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

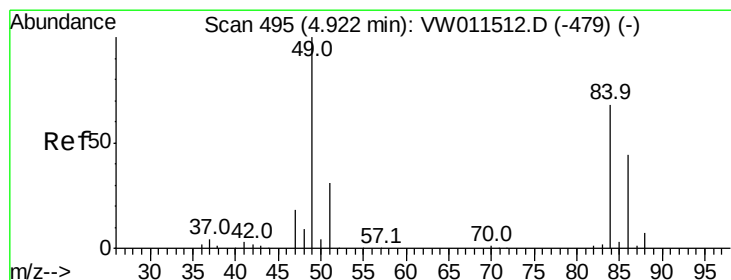
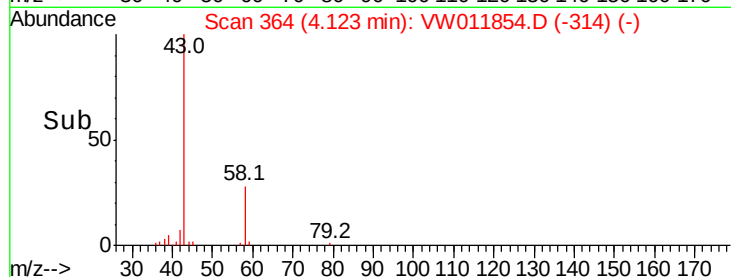
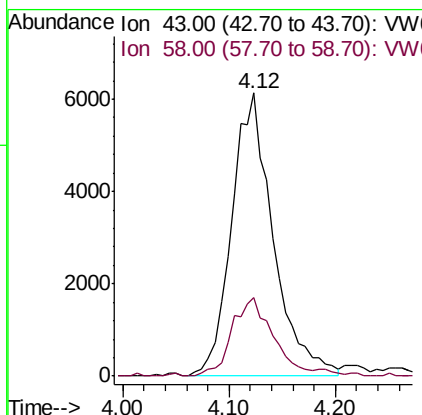
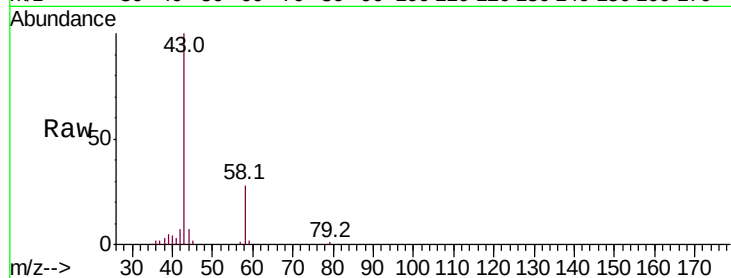




#16
Acetone
Concen: 22.548 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW011854.D
Acq: 12 Aug 2019 16:07

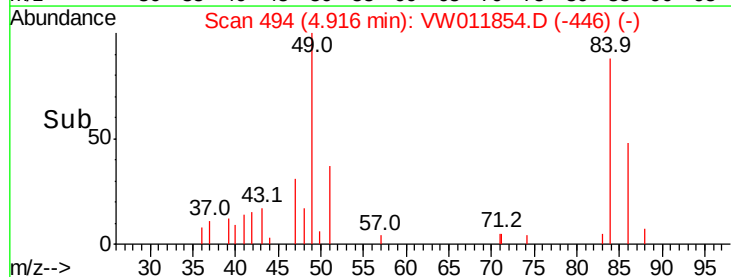
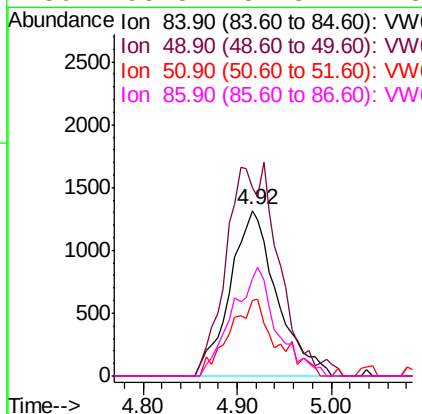
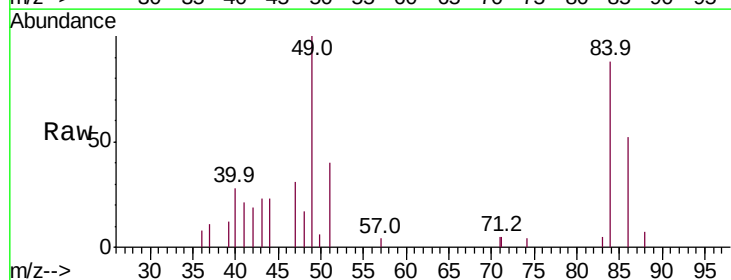
Instrument :
MSVOA_W
ClientSampleId :

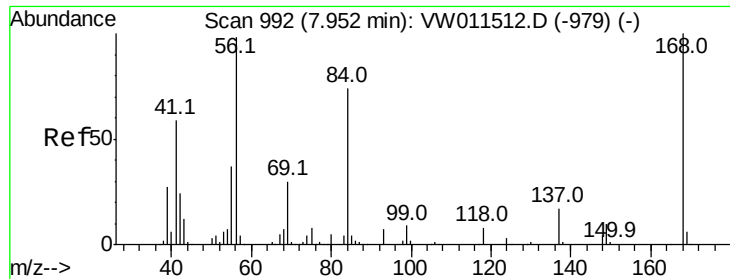
Tot Ion: 43 Resp: 16780
Ion Ratio Lower Upper
43 100
58 27.9 22.3 33.5



#20
Methylene Chloride
Concen: 1.782 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011854.D
Acq: 12 Aug 2019 16:07

Tgt Ion: 84 Resp: 4573
Ion Ratio Lower Upper
84 100
49 113.3 117.8 176.6#
51 45.8 37.0 55.4
86 58.8 51.8 77.8

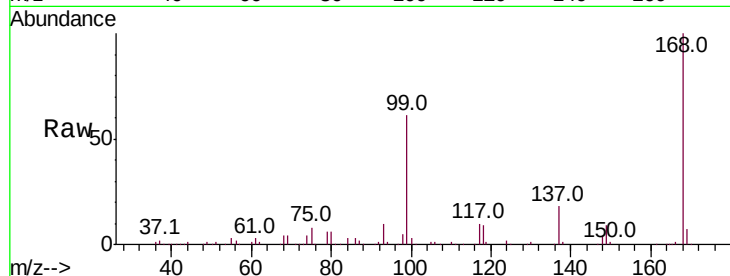




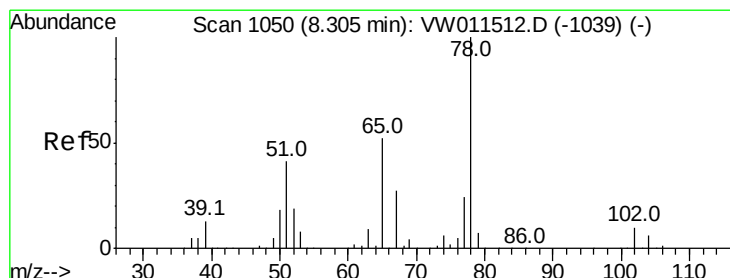
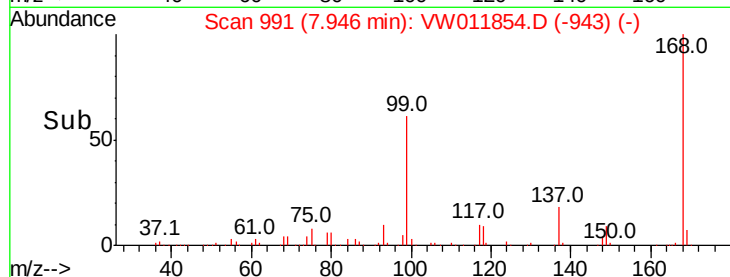
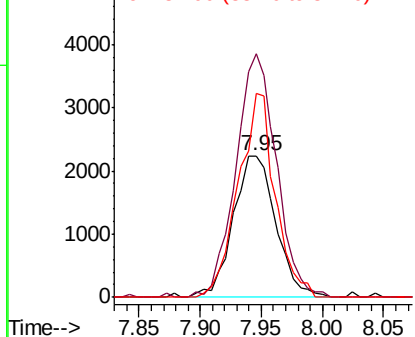
#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011854.D
Acq: 12 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 5410
Ion Ratio Lower Upper
56 100
69 172.0 24.3 36.5#
84 144.2 60.4 90.6#

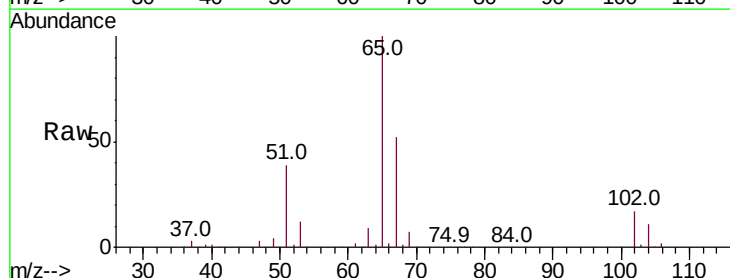


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

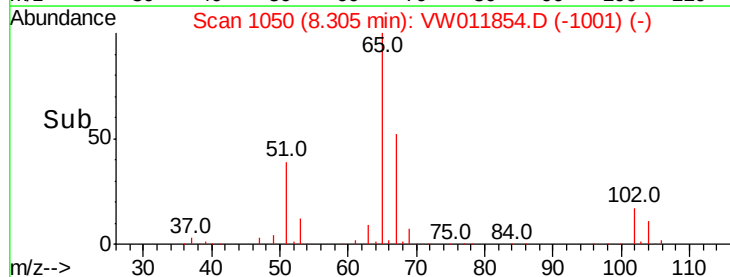
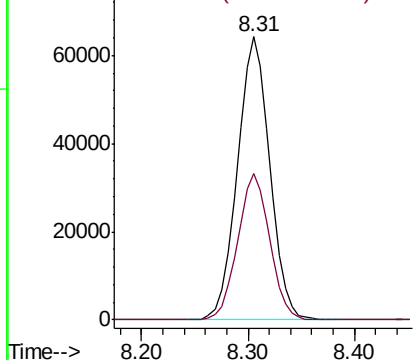


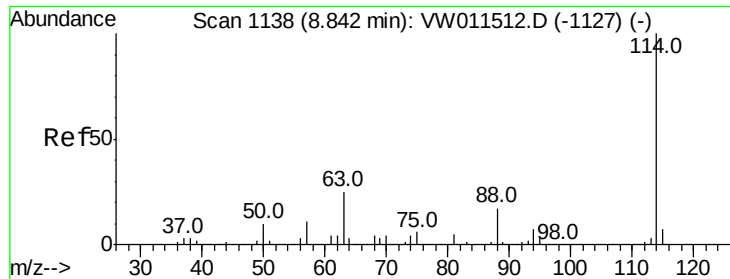
#33
1,2-Dichloroethane-d4
Concen: 58.501 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW011854.D
Acq: 12 Aug 2019 16:07

Tgt Ion: 65 Resp: 136865
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

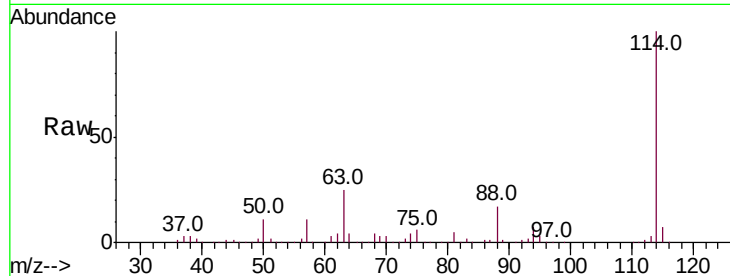




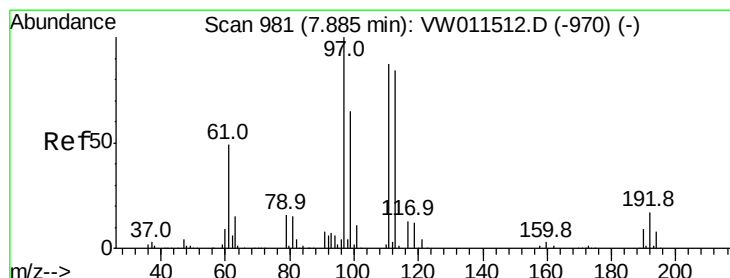
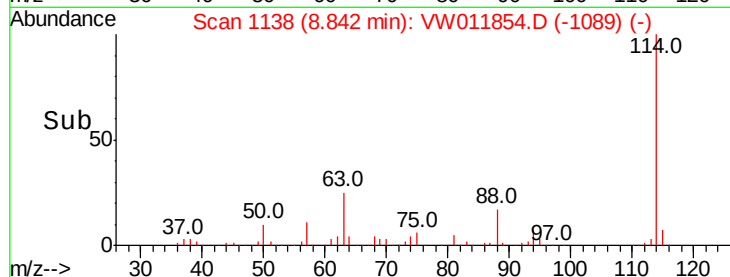
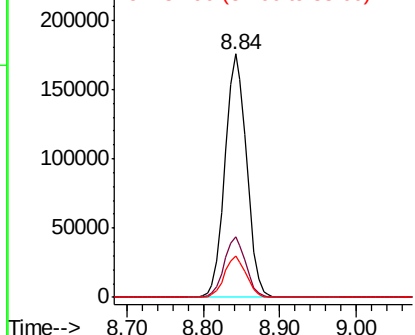
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011854.D
 Acq: 12 Aug 2019 16:07

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	49.2
88	17.1	0.0	33.8

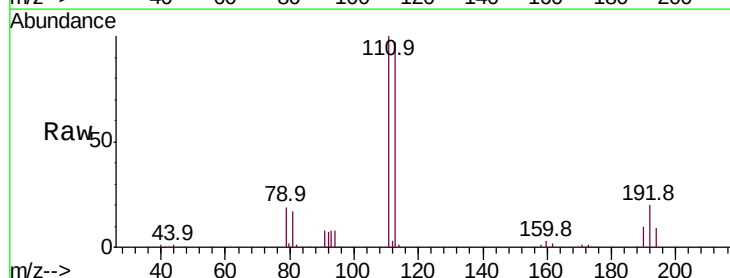


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

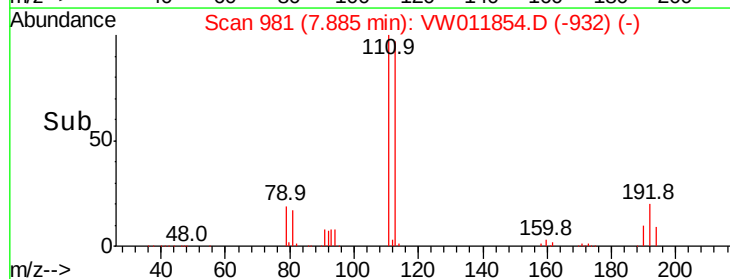
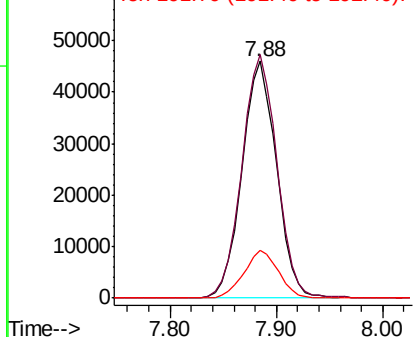


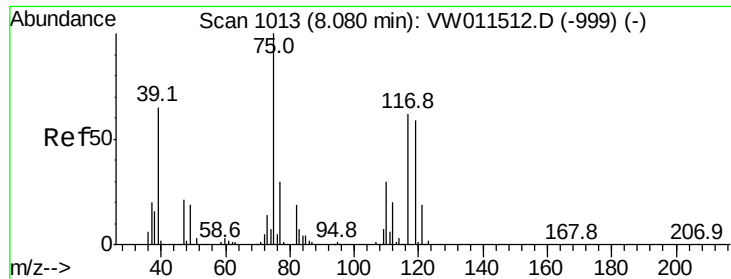
#35
 Dibromofluoromethane
 Concen: 54.762 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011854.D
 Acq: 12 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.7	124.1
192	20.1	16.1	24.1



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: 4.974 ug/l

RT: 7.95 min Scan# 991

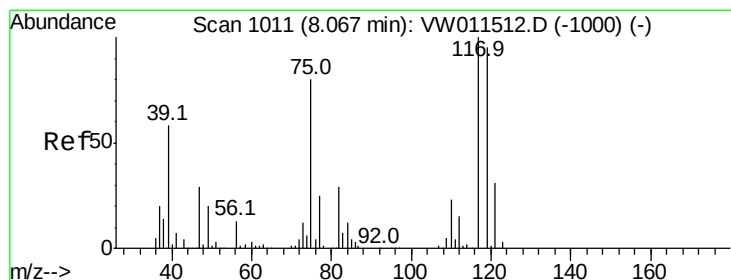
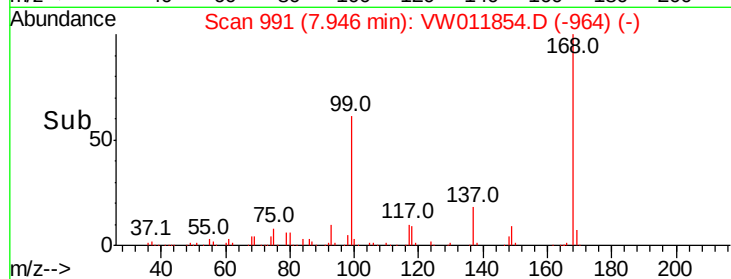
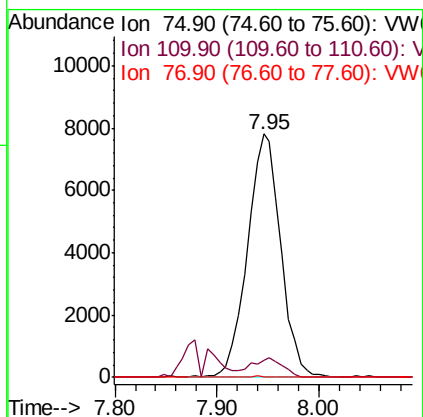
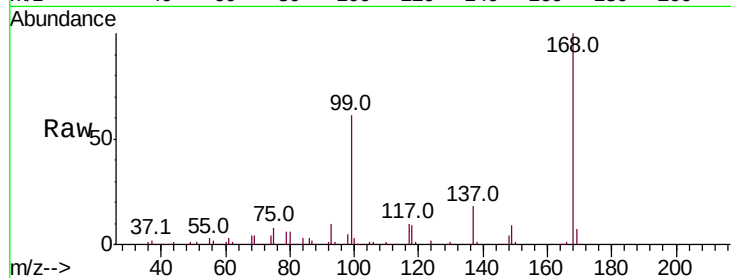
Delta R.T. -0.13 min

Lab File: VW011854.D

Acq: 12 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 17661
Ion Ratio Lower Upper
75 100
110 7.3 15.6 46.8#
77 0.1 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.664 ug/l

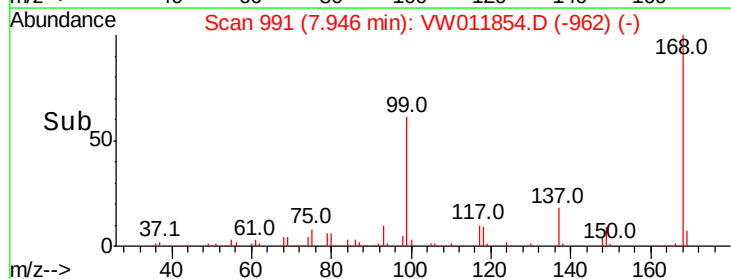
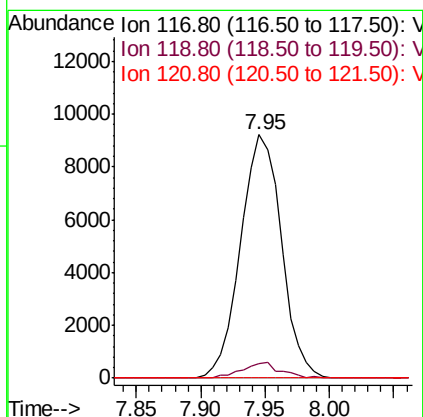
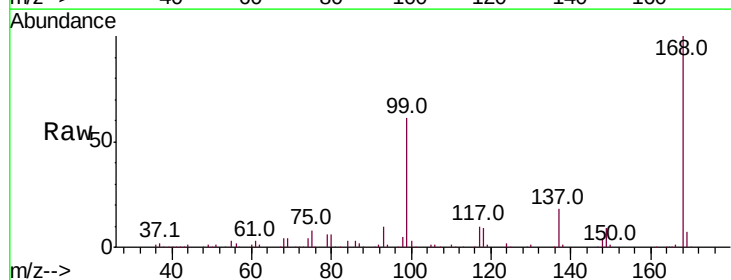
RT: 7.95 min Scan# 991

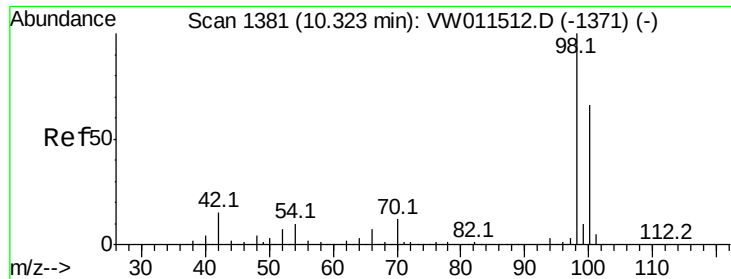
Delta R.T. -0.12 min

Lab File: VW011854.D

Acq: 12 Aug 2019 16:07

Tgt Ion: 117 Resp: 20256
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 53.895 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011854.D

Acq: 12 Aug 2019 16:07

Instrument :

MSVOA_W

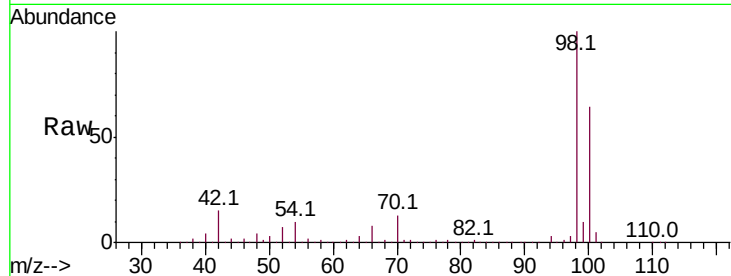
ClientSampleId :

Tot Ion: 98 Resp: 422747

Ion Ratio Lower Upper

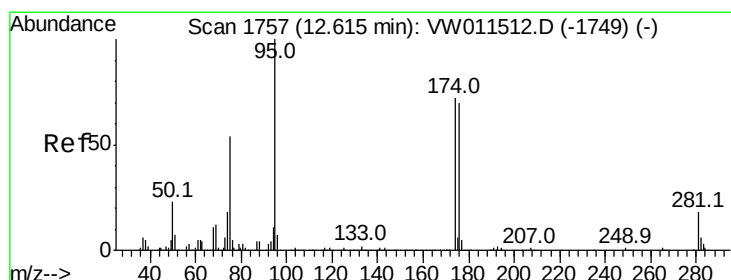
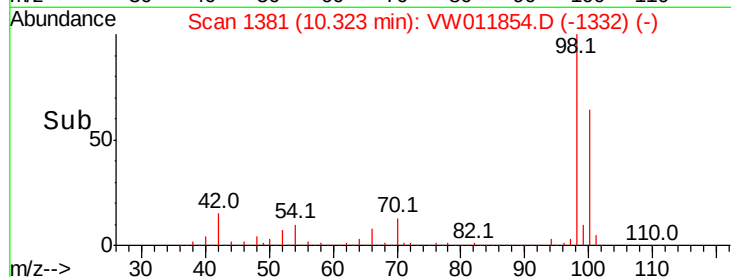
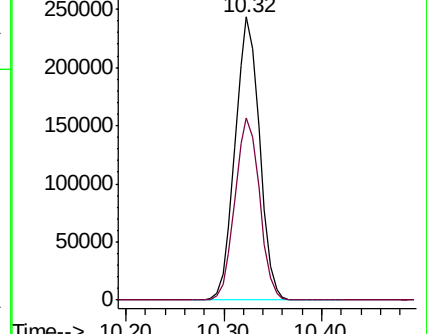
98 100

100 64.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 46.414 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011854.D

Acq: 12 Aug 2019 16:07

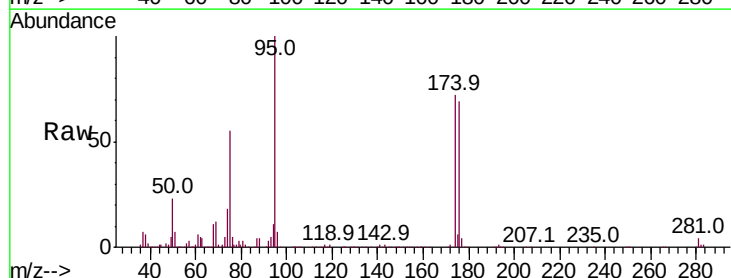
Tgt Ion: 95 Resp: 129798

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.2

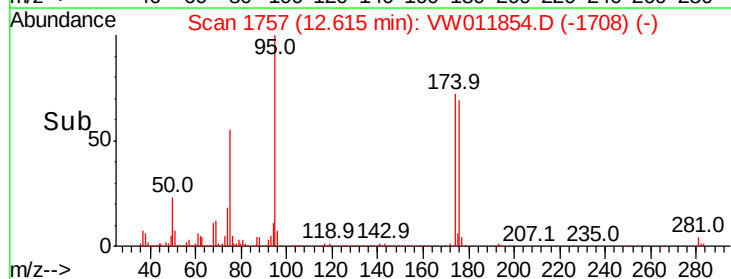
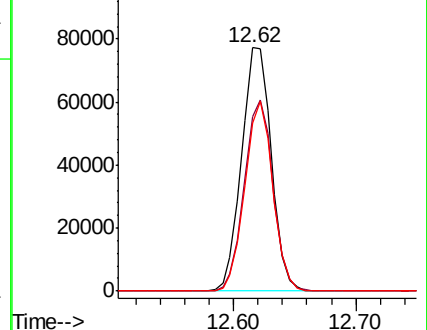
176 73.7 0.0 144.4

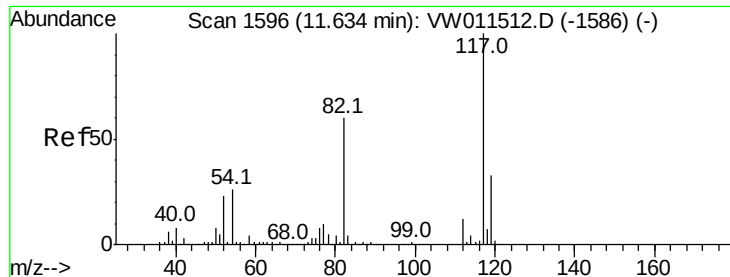


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

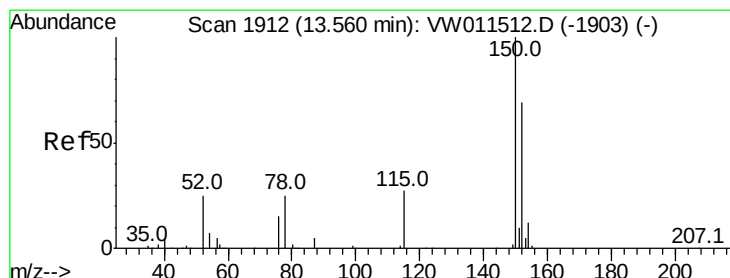
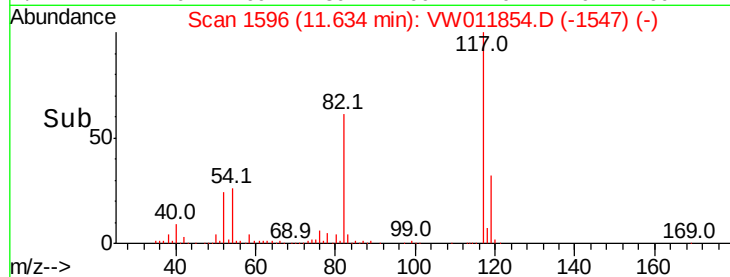
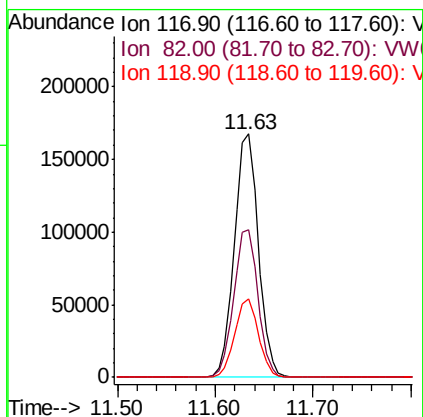
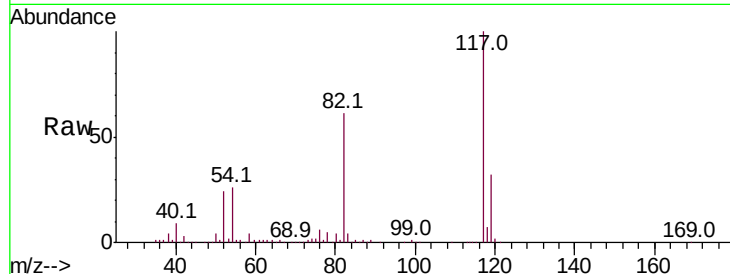




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011854.D
Acq: 12 Aug 2019 16:07

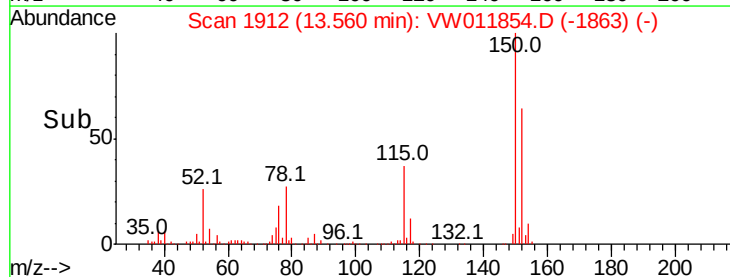
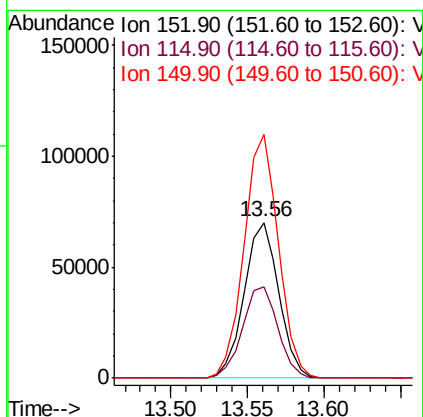
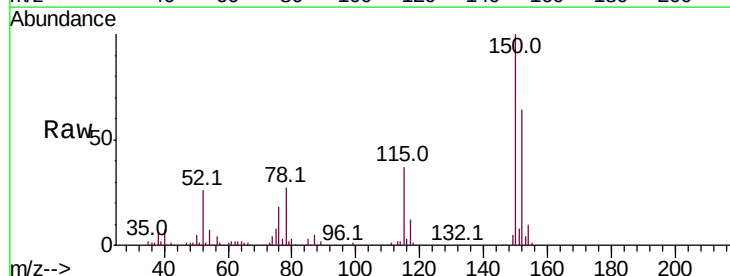
Instrument :
MSVOA_W
ClientSampleId :

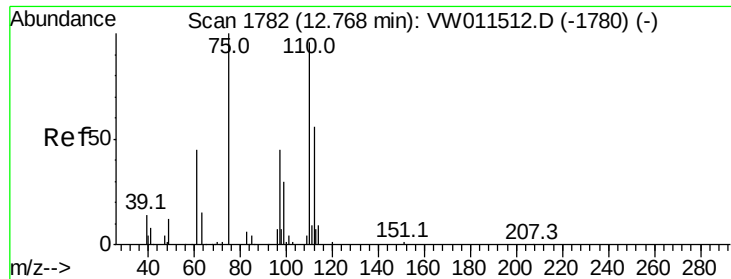
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	47.9	71.9
119	32.0	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011854.D
Acq: 12 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.5	91.5
150	155.4	0.0	352.6





#76

1,2,3-Trichloropropane

Concen: 59.771 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011854.D

Acq: 12 Aug 2019 16:07

Instrument :

MSVOA_W

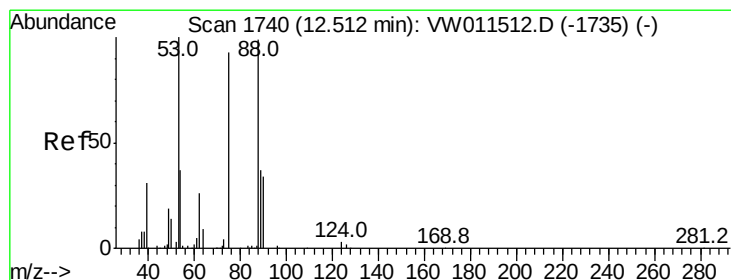
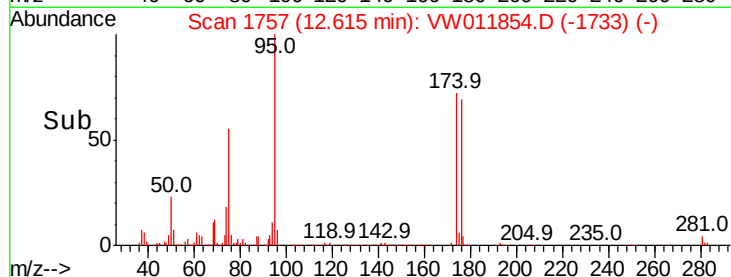
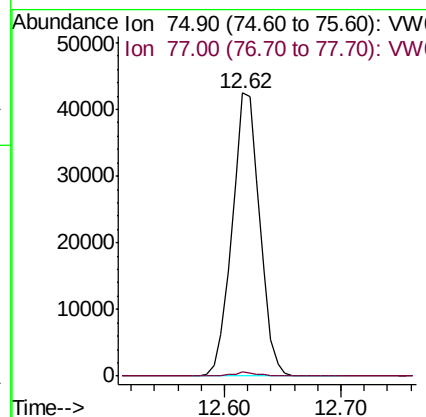
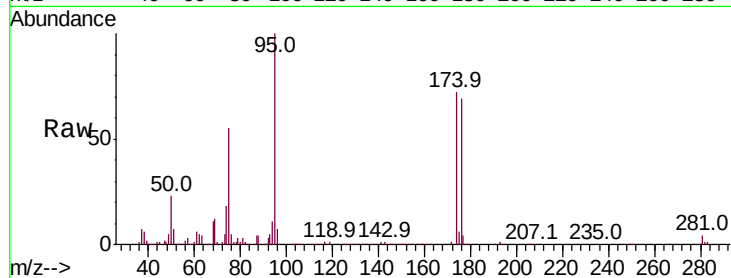
ClientSampleId :

Tot Ion: 75 Resp: 69788

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.750 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011854.D

Acq: 12 Aug 2019 16:07

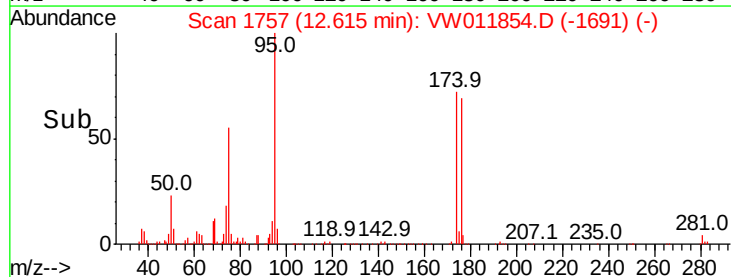
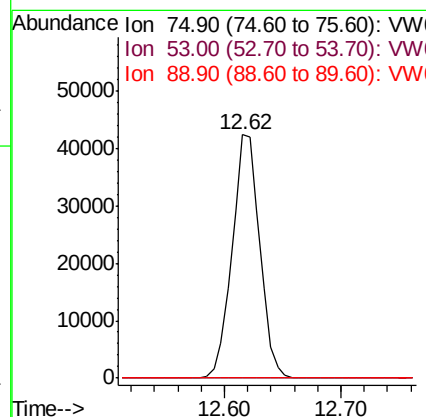
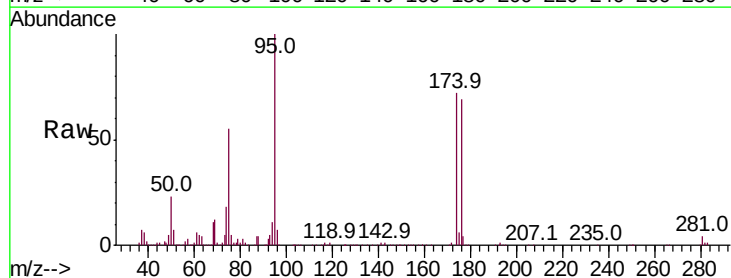
Tgt Ion: 75 Resp: 69788

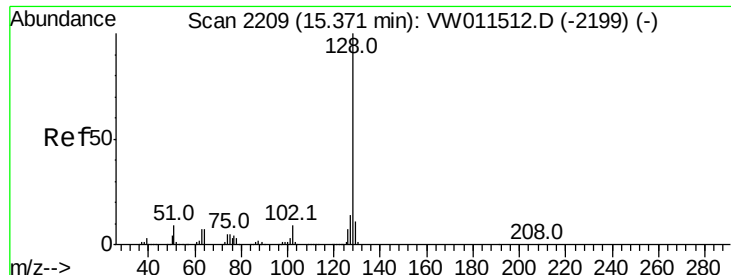
Ion Ratio Lower Upper

75 100

53 0.2 88.0 132.0#

89 0.0 35.3 52.9#





#95

Naphthalene

Concen: 2.185 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011854.D

Acq: 12 Aug 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:128 Resp: 543

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 3.9 8.6 13.0#

