

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011840.D
 Acq On : 12 Aug 2019 09:56
 Operator : SY/VA
 Sample : VW0812SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 07:43:42 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	210043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	347734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119464	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	132704	55.02	ug/l	0.00
Spiked Amount			Recovery	=	110.04%	
35) Dibromofluoromethane	7.88	113	108508	55.62	ug/l	0.00
Spiked Amount			Recovery	=	111.24%	
50) Toluene-d8	10.32	98	422554	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.62	95	137169	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	

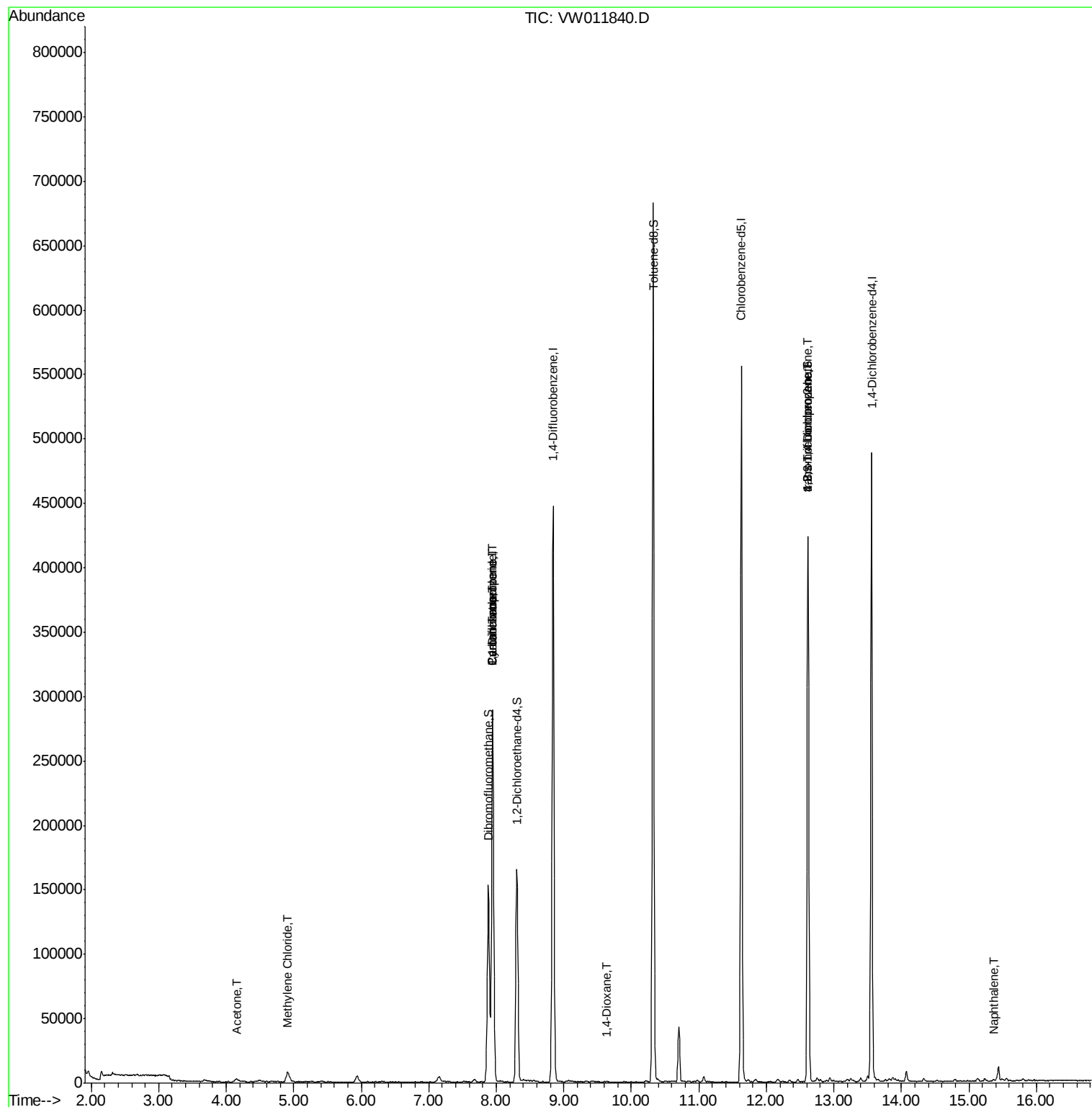
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	450	Below Cal	#	72
16) Acetone	4.15	43	5163	6.730	ug/l #	85
20) Methylene Chloride	4.92	84	5476	2.070	ug/l	95
31) Cyclohexane	7.95	56	5239	1.162	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17841	4.934	ug/l #	52
38) Carbon Tetrachloride	7.95	117	21656	6.996	ug/l #	18
49) 1,4-Dioxane	9.63	88	19	1.061	ug/l #	1
76) 1,2,3-Trichloropropane	12.61	75	73513	58.156	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.61	75	73513	134.029	ug/l #	6
95) Naphthalene	15.37	128	1262	2.322	ug/l #	87

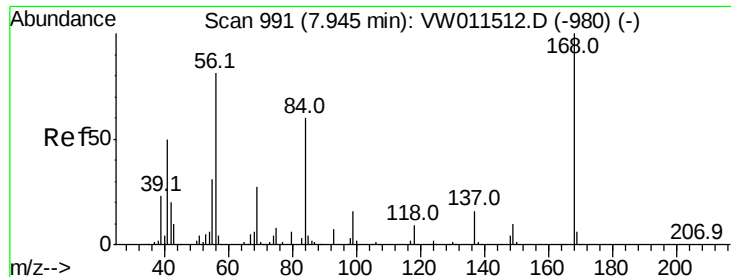
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081219\
Data File : VW011840.D
Acq On : 12 Aug 2019 09:56
Operator : SY/VA
Sample : VW0812SBL02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 13 07:43:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
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: VW011840.D

Acq: 12 Aug 2019 09:56

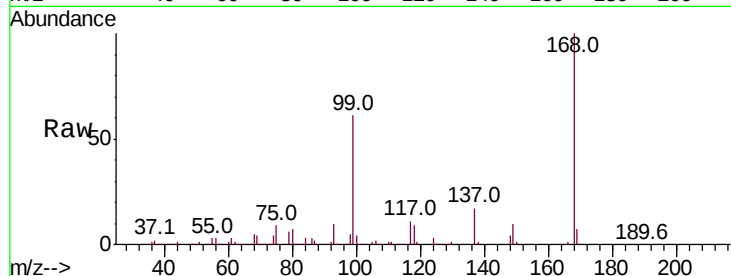
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 210043

Ion Ratio Lower Upper

168 100

99 60.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

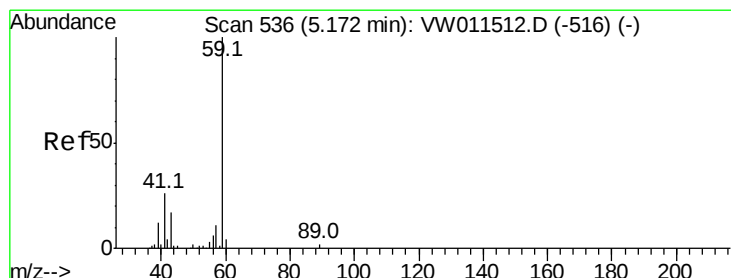
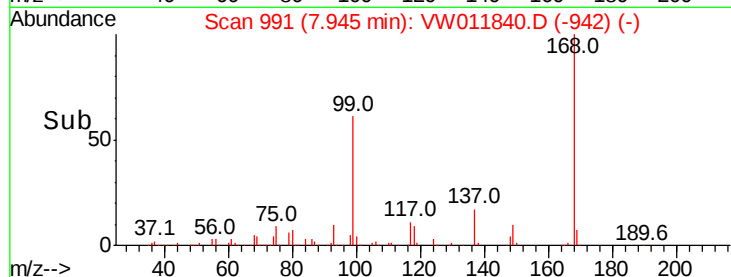
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 539

Delta R.T. 0.02 min

Lab File: VW011840.D

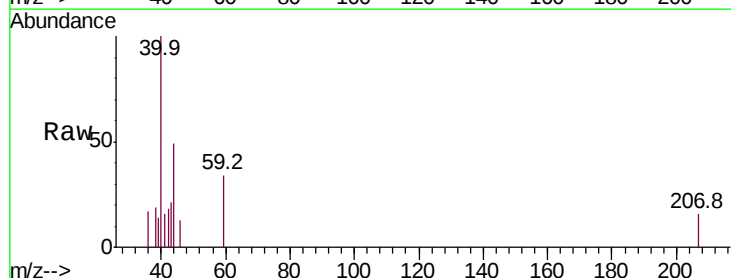
Acq: 12 Aug 2019 09:56

Tgt Ion: 59 Resp: 450

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

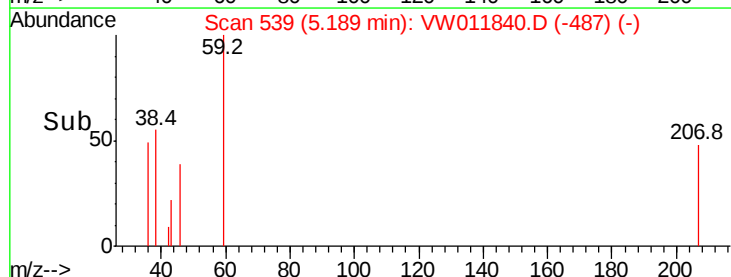
150

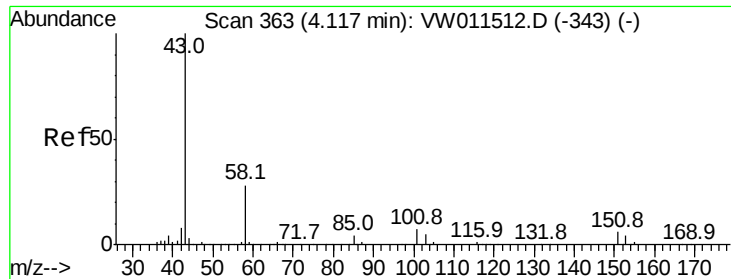
100

50

0

Time--> 5.10 5.15 5.20 5.25





#16

Acetone

Concen: 6.730 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.04 min

Lab File: VW011840.D

Acq: 12 Aug 2019 09:56

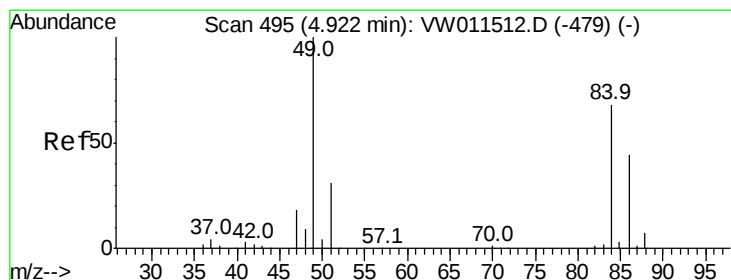
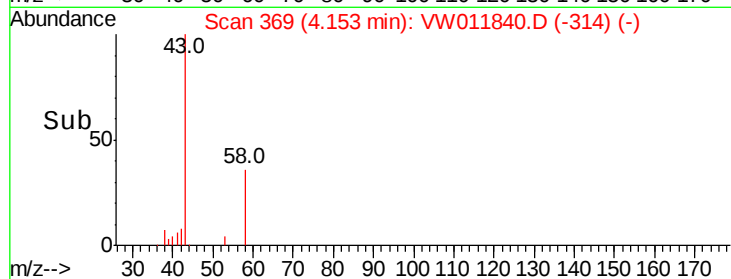
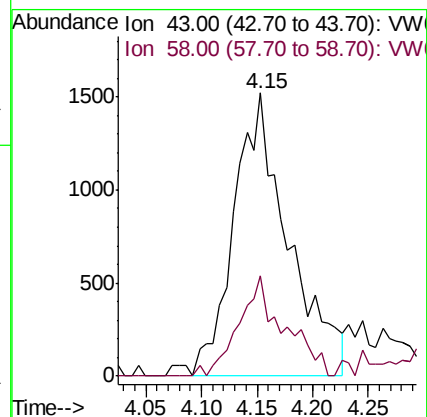
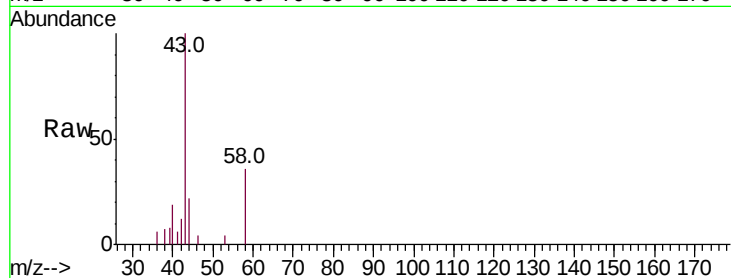
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 5163

Ion Ratio Lower Upper

43 100

58 35.7 22.3 33.5#



#20

Methylene Chloride

Concen: 2.070 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011840.D

Acq: 12 Aug 2019 09:56

Tgt Ion: 84 Resp: 5476

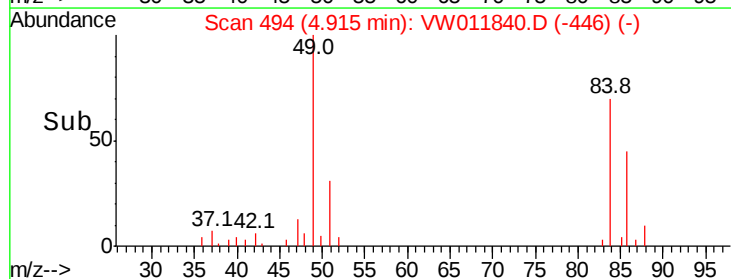
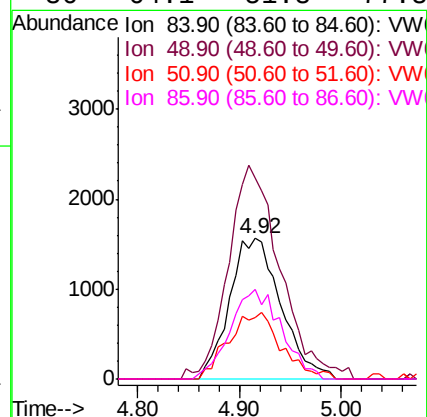
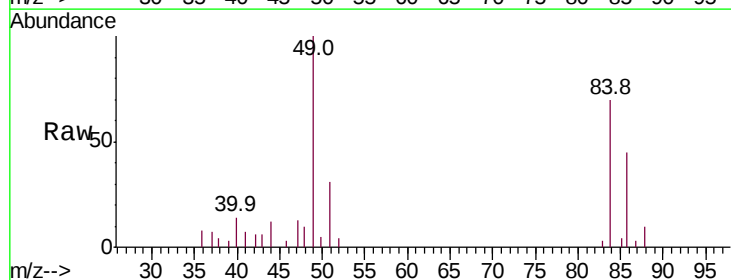
Ion Ratio Lower Upper

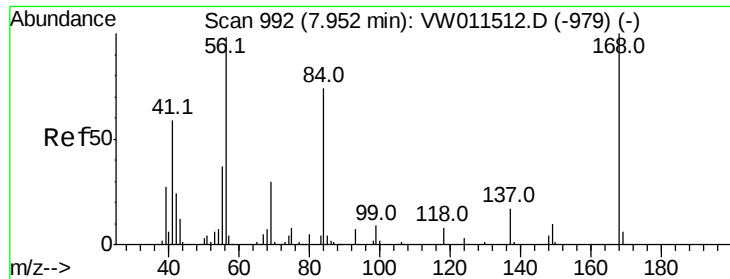
84 100

49 138.6 117.8 176.6

51 44.1 37.0 55.4

86 64.1 51.8 77.8

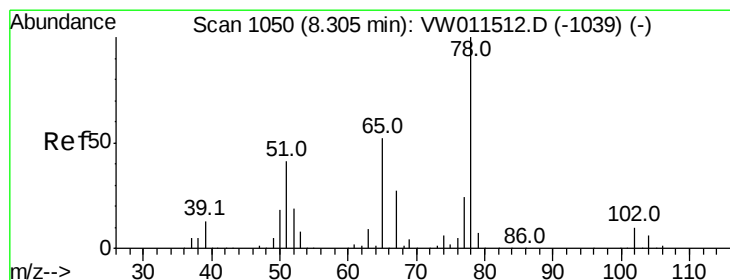
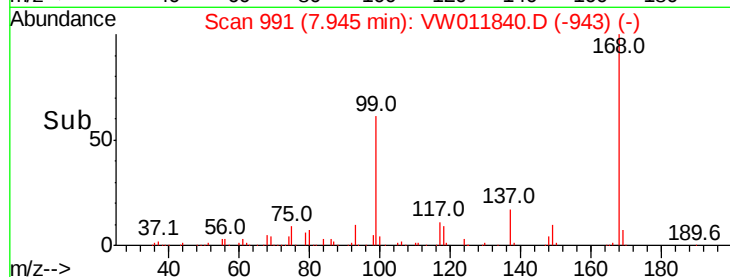
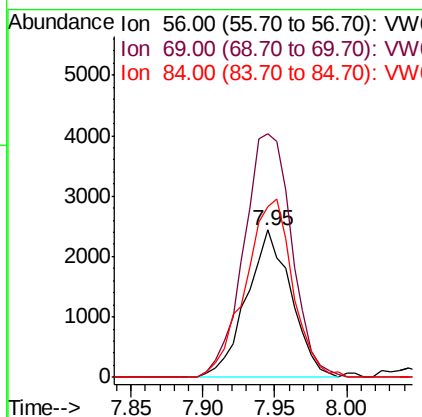
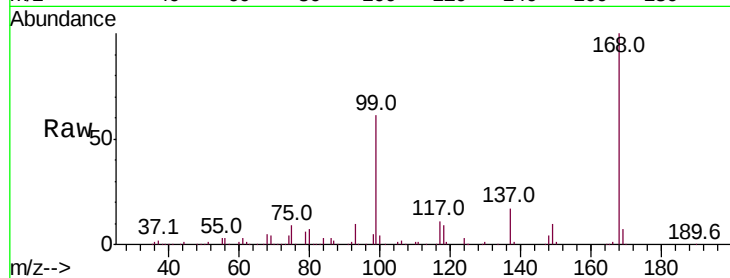




#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011840.D
Acq: 12 Aug 2019 09:56

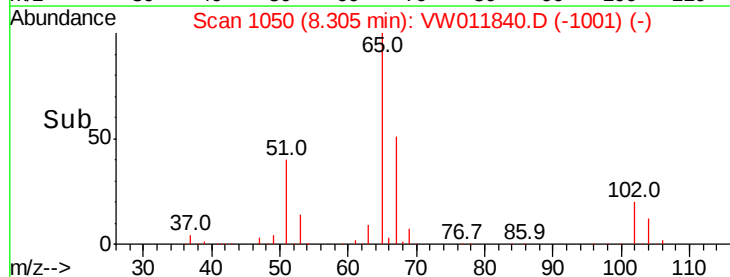
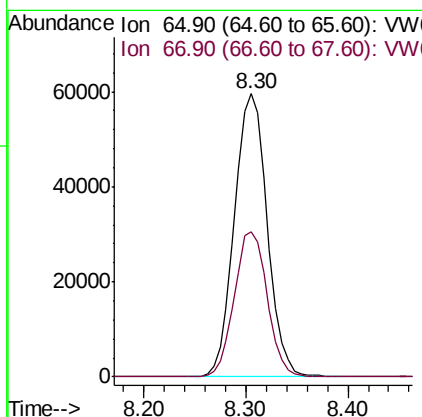
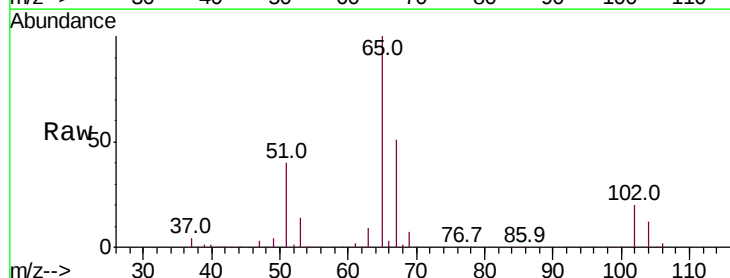
Instrument :
MSVOA_W
ClientSampled :

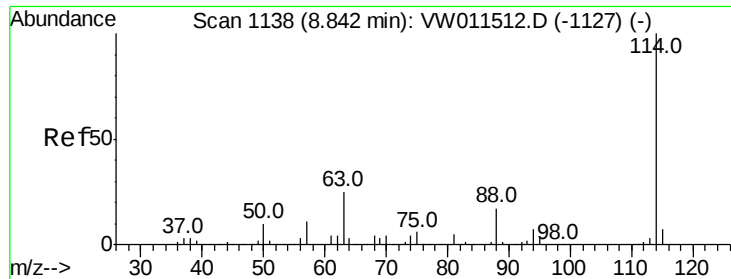
Tot Ion: 56 Resp: 5239
Ion Ratio Lower Upper
56 100
69 165.4 24.3 36.5#
84 116.2 60.4 90.6#



#33
1,2-Dichloroethane-d4
Concen: 55.021 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011840.D
Acq: 12 Aug 2019 09:56

Tgt Ion: 65 Resp: 132704
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011840.D

Acq: 12 Aug 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

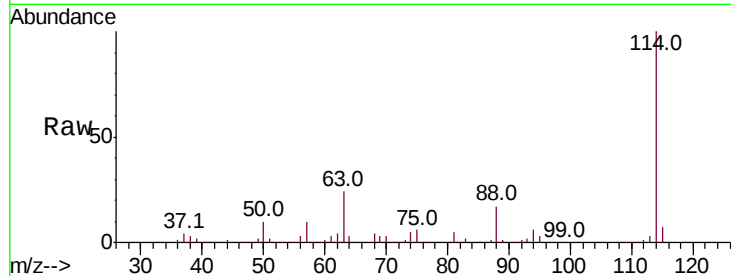
Tot Ion:114 Resp: 347734

Ion Ratio Lower Upper

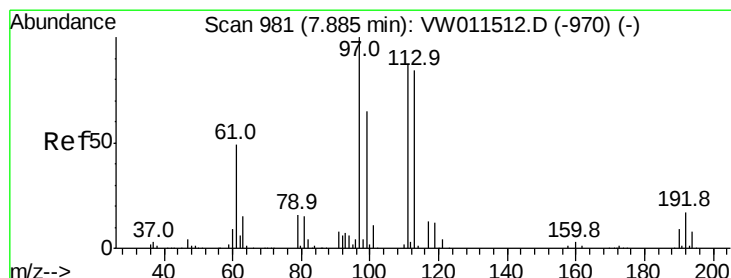
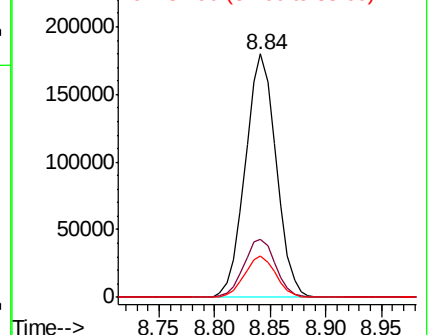
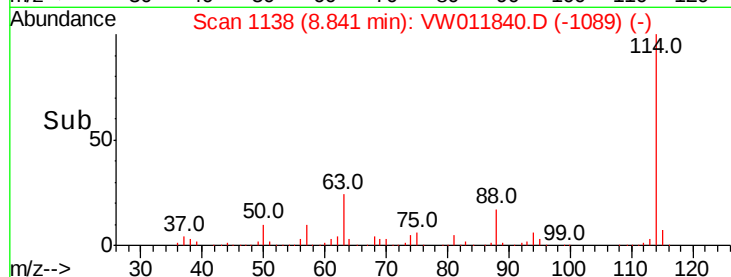
114 100

63 24.0 0.0 49.2

88 16.9 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: 55.621 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011840.D

Acq: 12 Aug 2019 09:56

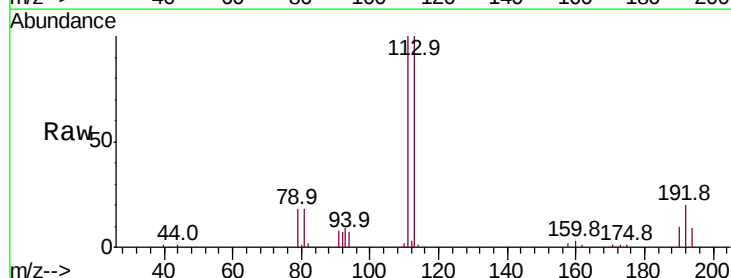
Tgt Ion:113 Resp: 108508

Ion Ratio Lower Upper

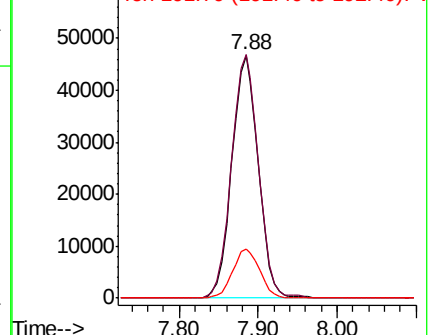
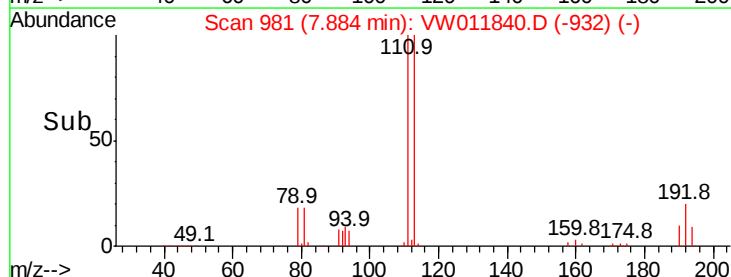
113 100

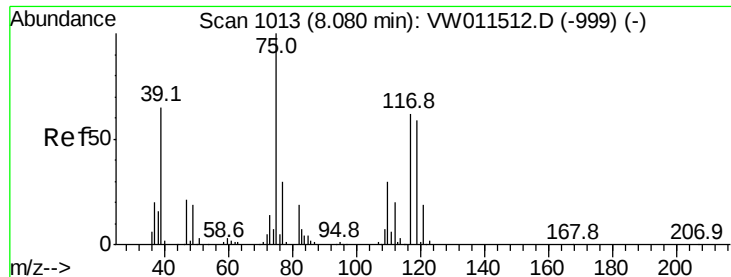
111 102.3 82.7 124.1

192 20.8 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

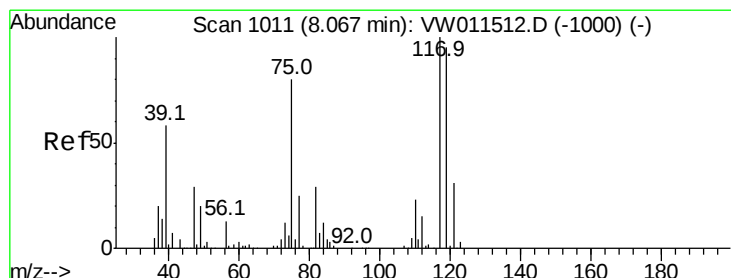
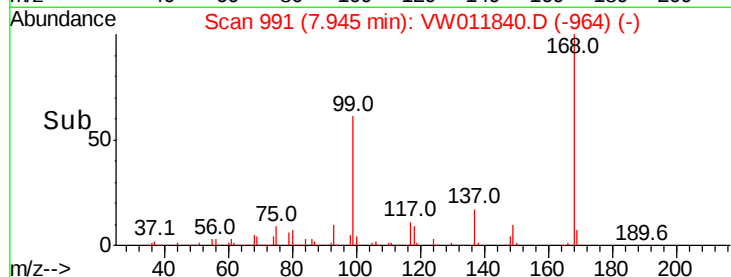
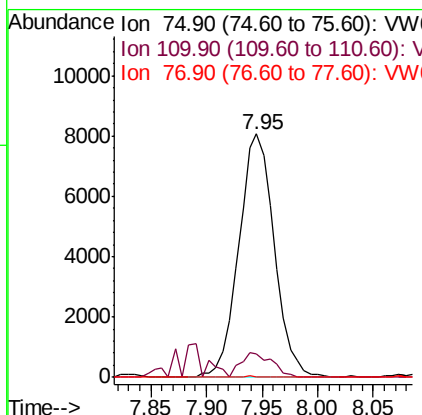
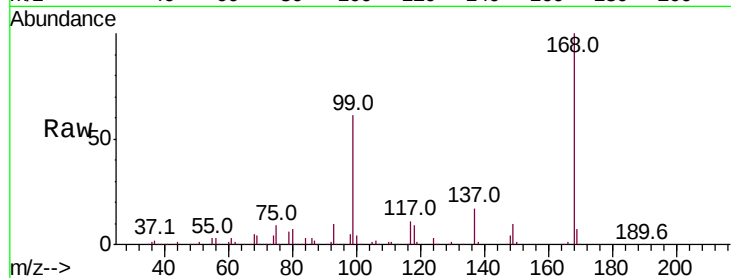




#36
 1,1-Dichloropropene
 Concen: 4.934 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011840.D
 Acq: 12 Aug 2019 09:56

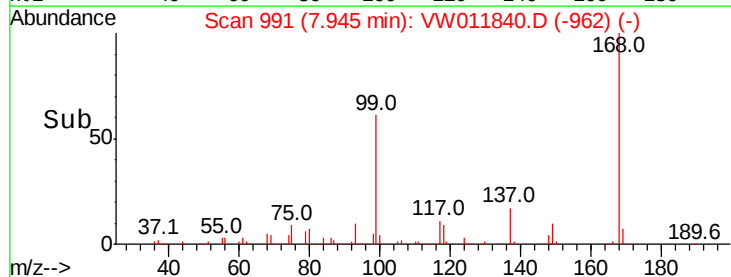
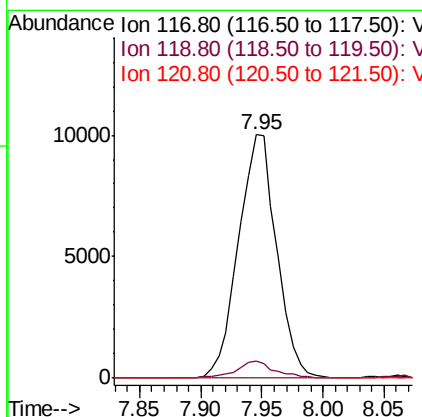
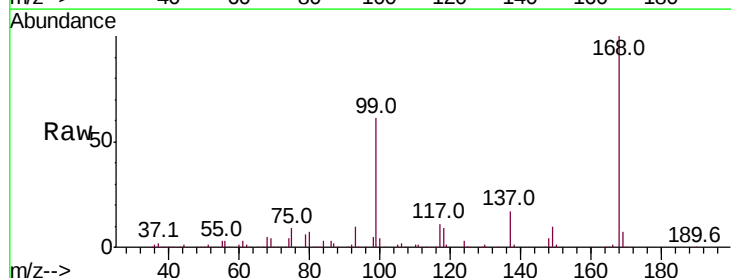
Instrument :
 MSVOA_W
 ClientSampleId :

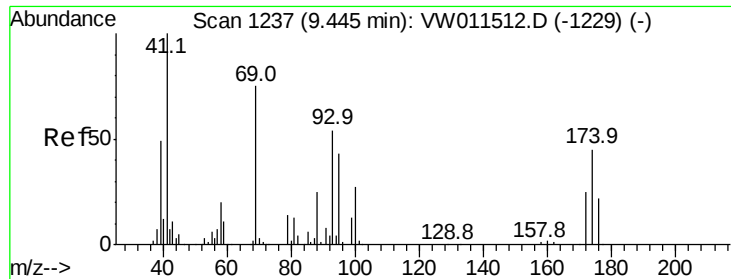
Tot Ion: 75 Resp: 17841
 Ion Ratio Lower Upper
 75 100
 110 9.0 15.6 46.8#
 77 0.1 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.996 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011840.D
 Acq: 12 Aug 2019 09:56

Tgt Ion: 117 Resp: 21656
 Ion Ratio Lower Upper
 117 100
 119 7.0 75.8 113.6#
 121 0.0 24.7 37.1#





#49

1,4-Dioxane

Concen: 1.061 ug/l

RT: 9.63 min Scan# 1268

Delta R.T. 0.19 min

Lab File: VW011840.D

Acq: 12 Aug 2019 09:56

Instrument :
MSVOA_W
ClientSampled :

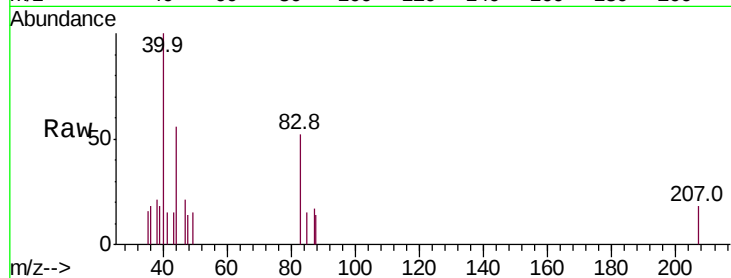
Tot Ion: 88 Resp: 19

Ion Ratio Lower Upper

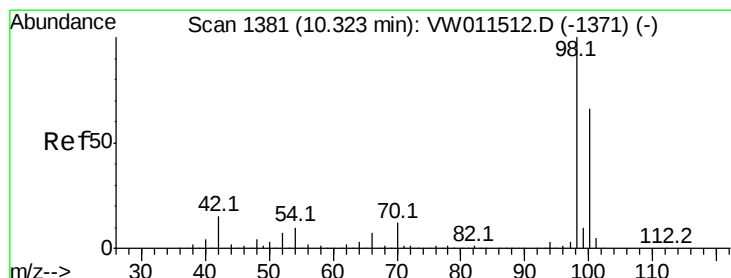
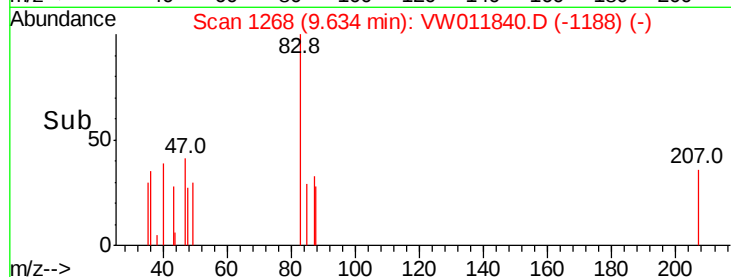
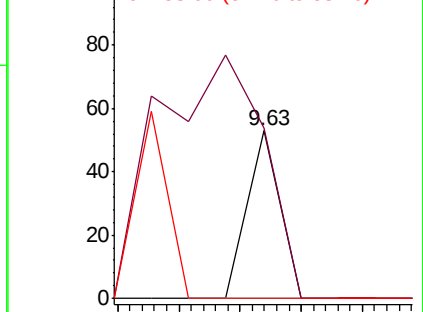
88 100

43 484.2 34.0 51.0#

58 115.8 69.7 104.5#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.903 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011840.D

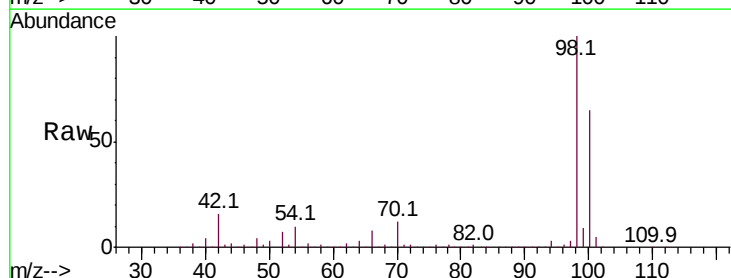
Acq: 12 Aug 2019 09:56

Tgt Ion: 98 Resp: 422554

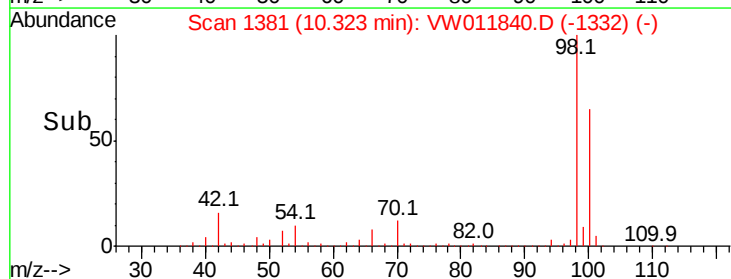
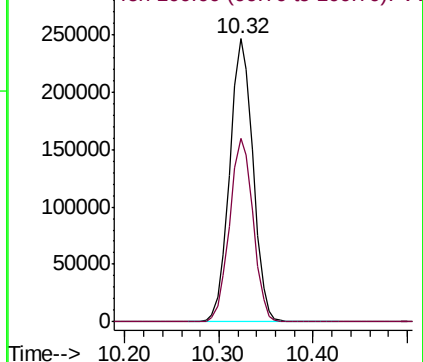
Ion Ratio Lower Upper

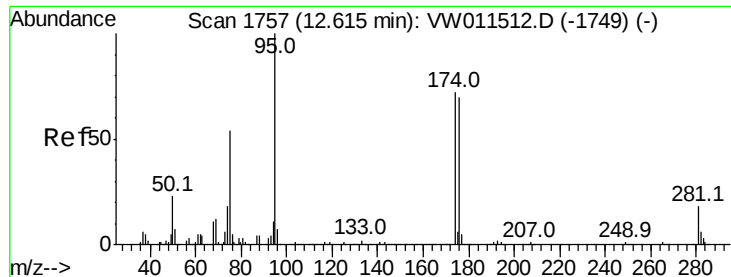
98 100

100 65.3 52.7 79.1



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

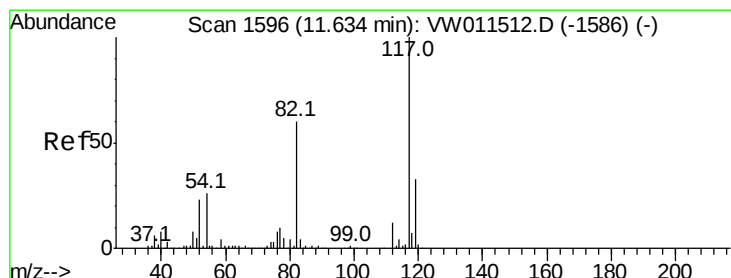
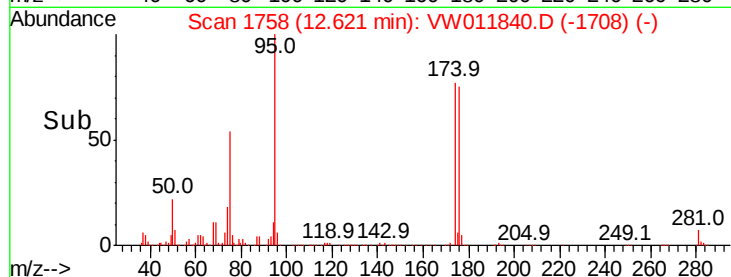
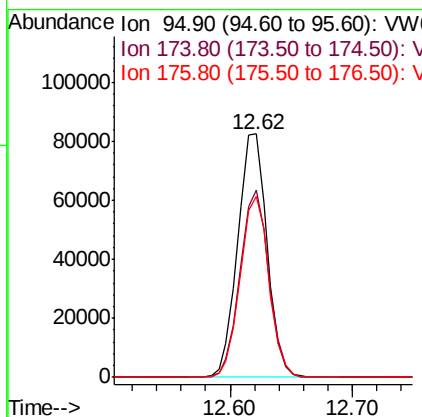
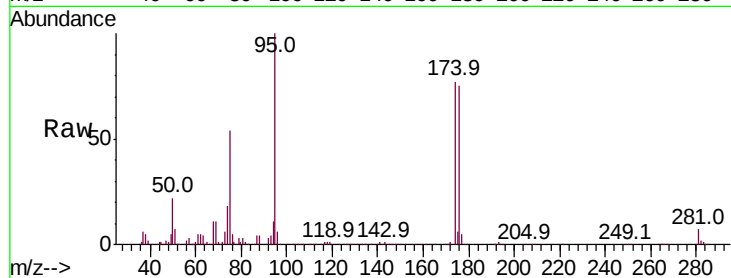




#62
4-Bromofluorobenzene
Concen: 48.169 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011840.D
Acq: 12 Aug 2019 09:56

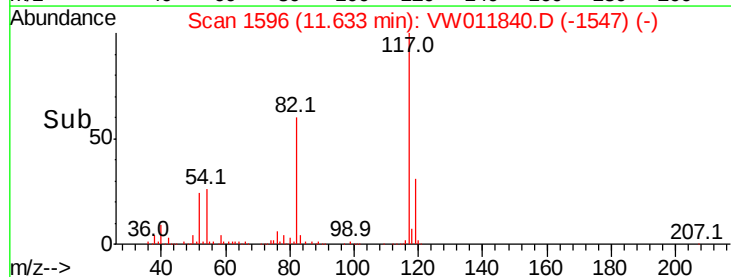
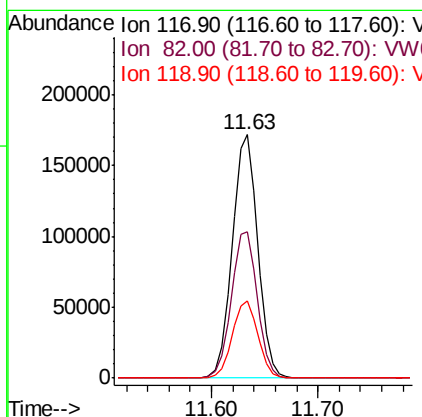
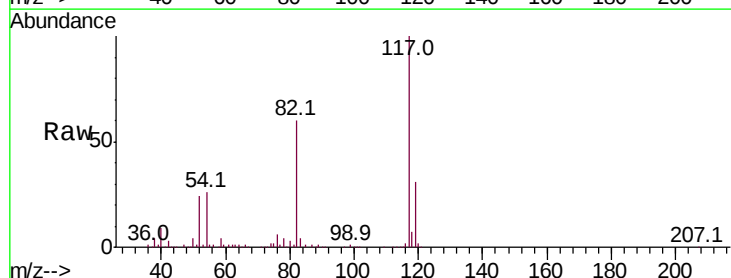
Instrument :
MSVOA_W
ClientSampleId :

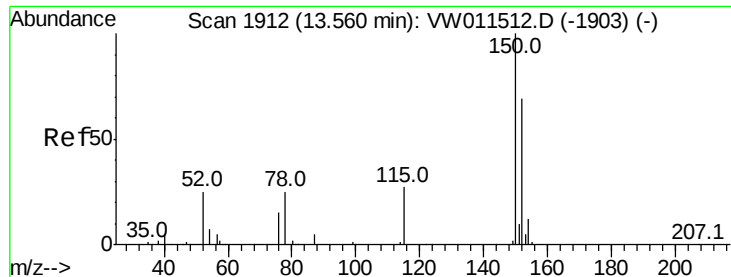
Tot Ion: 95 Resp: 137169
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.2
176 72.9 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011840.D
Acq: 12 Aug 2019 09:56

Tgt Ion: 117 Resp: 288939
Ion Ratio Lower Upper
117 100
82 60.3 47.9 71.9
119 31.5 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: VW011840.D

Acq: 12 Aug 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

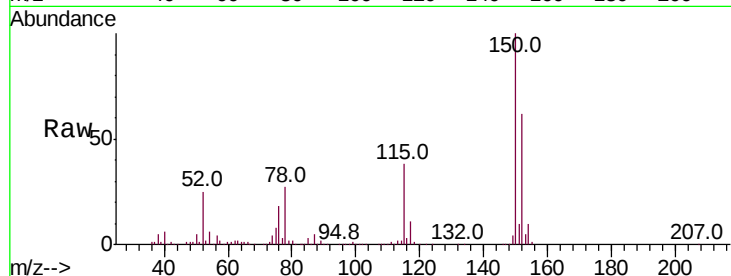
Tot Ion:152 Resp: 119464

Ion Ratio Lower Upper

152 100

115 60.6 30.5 91.5

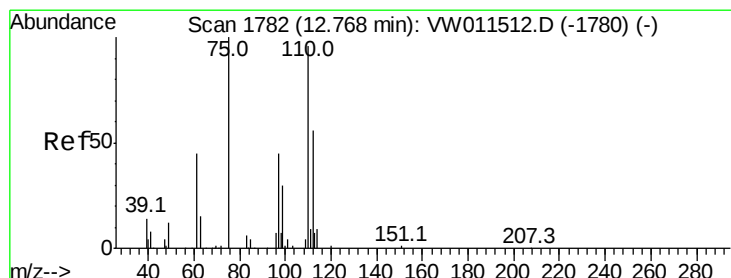
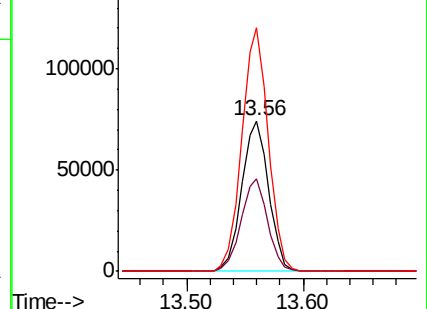
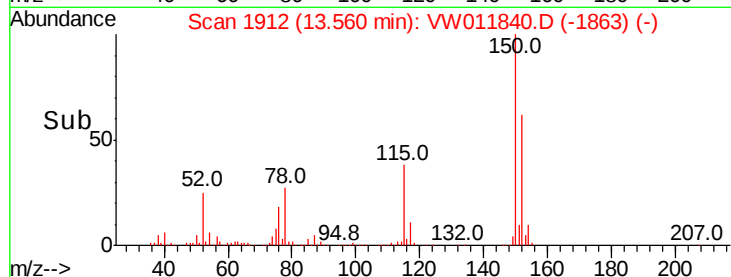
150 158.7 0.0 352.6



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: 58.156 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011840.D

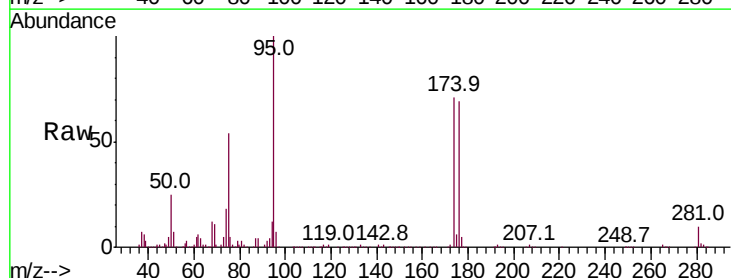
Acq: 12 Aug 2019 09:56

Tgt Ion: 75 Resp: 73513

Ion Ratio Lower Upper

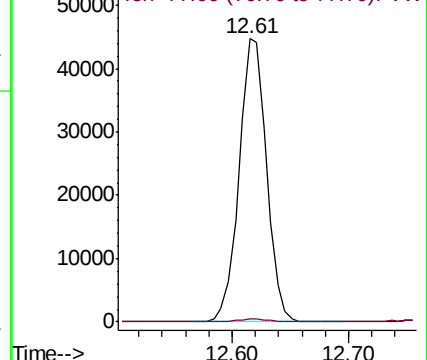
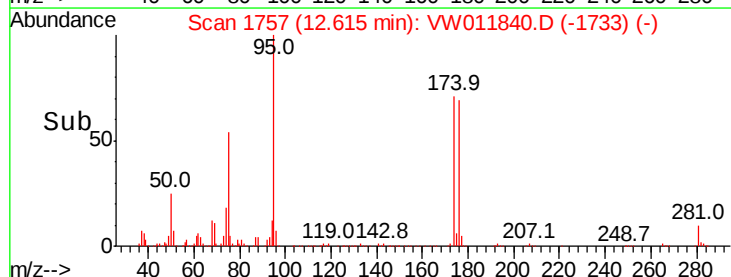
75 100

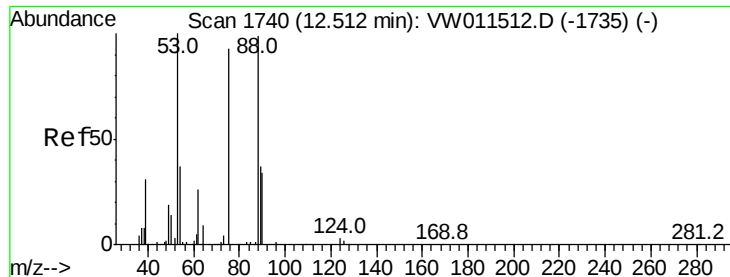
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

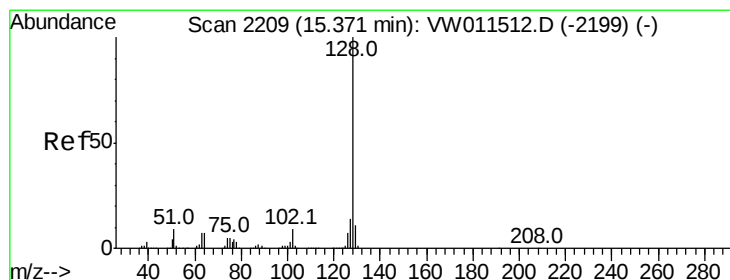
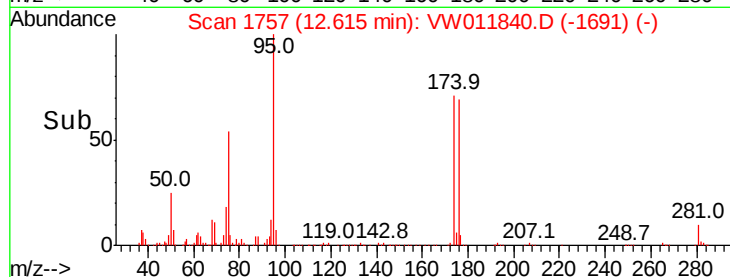
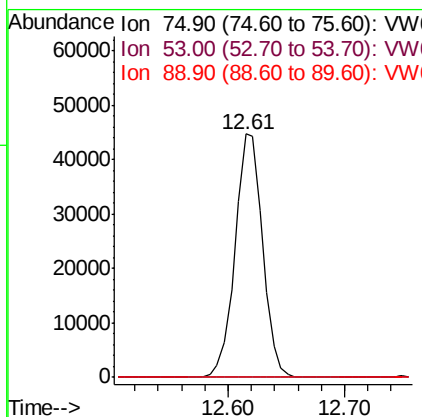
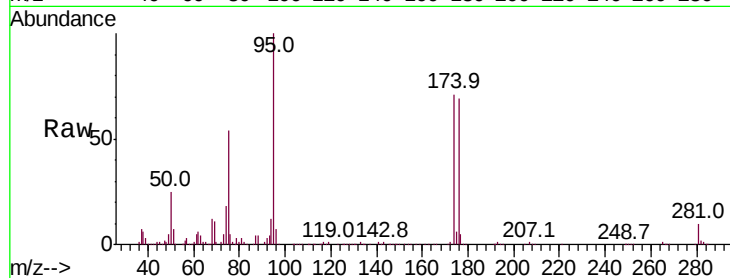




#81
trans-1,4-Dichloro-2-butene
Concen: 134.029 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011840.D
Acq: 12 Aug 2019 09:56

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 73513
Ion Ratio Lower Upper
75 100
53 0.1 88.0 132.0#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.322 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011840.D
Acq: 12 Aug 2019 09:56

Tgt Ion: 128 Resp: 1262
Ion Ratio Lower Upper
128 100
127 8.1 10.6 16.0#
129 6.2 8.6 13.0#

