

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011866.D
 Acq On : 12 Aug 2019 22:35
 Operator : SY/VA
 Sample : VW0812SBL03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 09:23:21 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	233552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	397167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128897	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	154985	57.79	ug/l	0.00
Spiked Amount			Recovery	=	115.58%	
35) Dibromofluoromethane	7.88	113	121600	54.57	ug/l	0.00
Spiked Amount			Recovery	=	109.14%	
50) Toluene-d8	10.32	98	496890	54.47	ug/l	0.00
Spiked Amount			Recovery	=	108.94%	
62) 4-Bromofluorobenzene	12.62	95	155843	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	

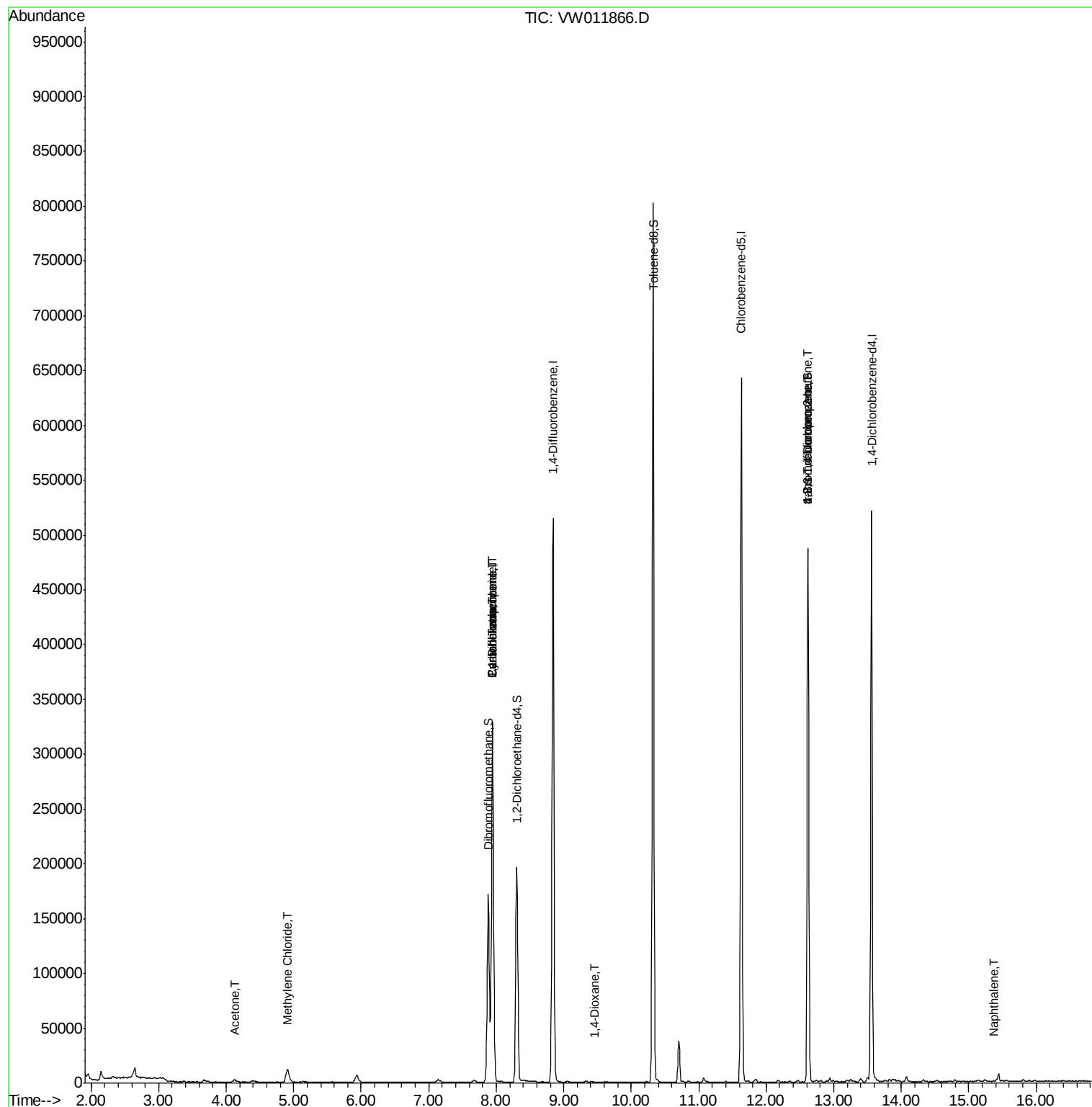
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	100	Below Cal	#	59
16) Acetone	4.12	43	4723	5.536	ug/l	95
20) Methylene Chloride	4.92	84	8338	2.834	ug/l	95
31) Cyclohexane	7.95	56	6257	1.248	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20796	5.036	ug/l #	52
38) Carbon Tetrachloride	7.94	117	23254	6.577	ug/l #	17
49) 1,4-Dioxane	9.46	88	22	1.076	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	83318	61.089	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	83318	140.789	ug/l #	6
95) Naphthalene	15.36	128	565	2.172	ug/l #	92

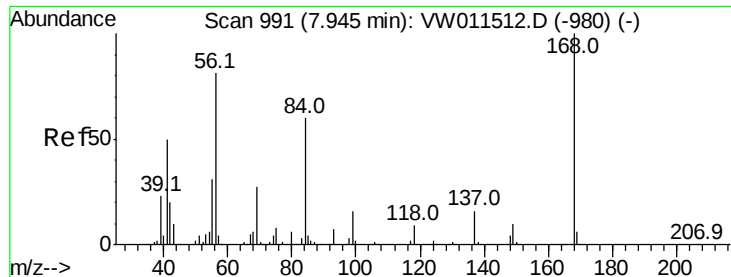
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081219\
Data File : VW011866.D
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Operator : SY/VA
Sample : VW0812SBL03
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 13 09:23:21 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: VW011866.D

Acq: 12 Aug 2019 22:35

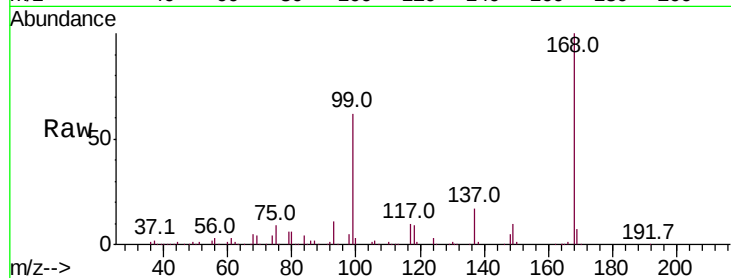
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 233552

Ion Ratio Lower Upper

168 100

99 62.4 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

120000

100000

80000

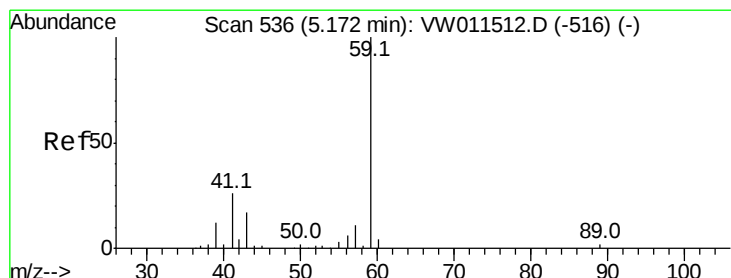
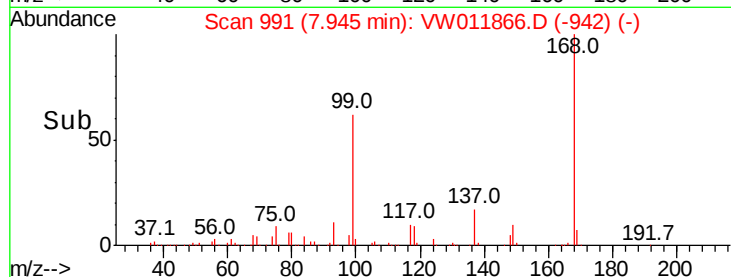
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.14 min Scan# 531

Delta R.T. -0.03 min

Lab File: VW011866.D

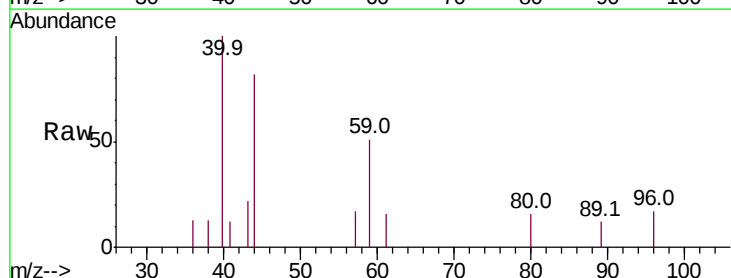
Acq: 12 Aug 2019 22:35

Tgt Ion: 59 Resp: 100

Ion Ratio Lower Upper

59 100

57 26.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

250

200

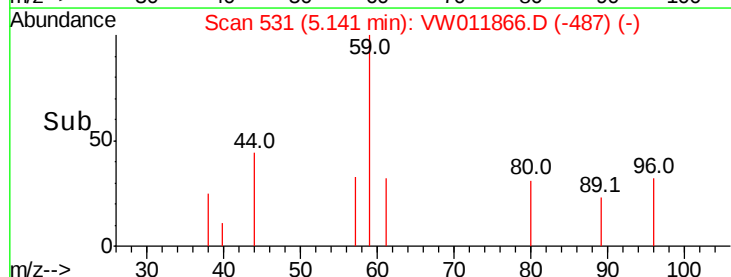
150

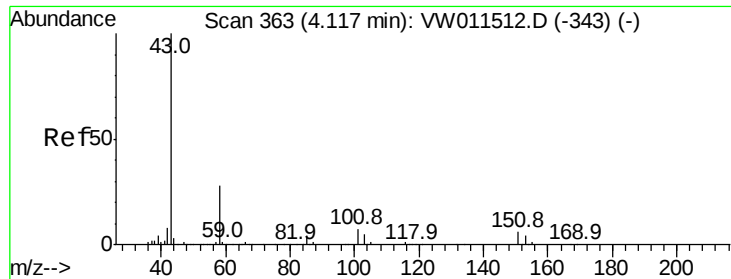
100

50

0

Time--> 5.12 5.13 5.14 5.15

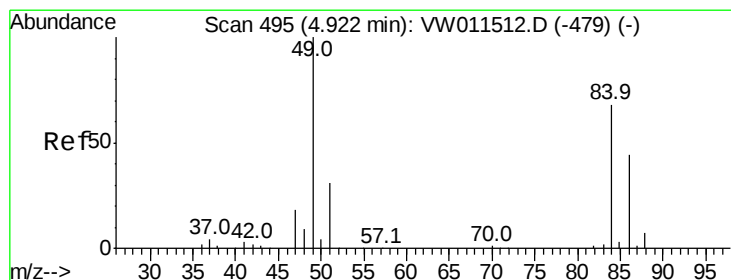
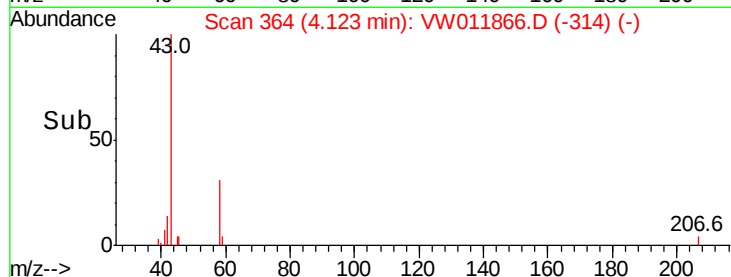
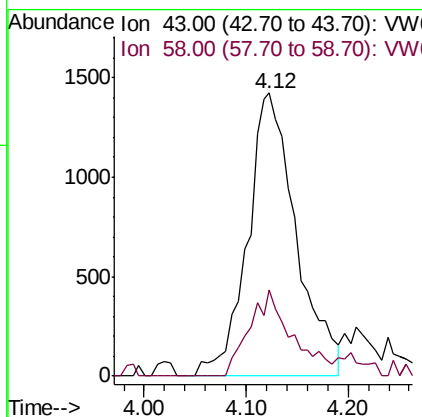
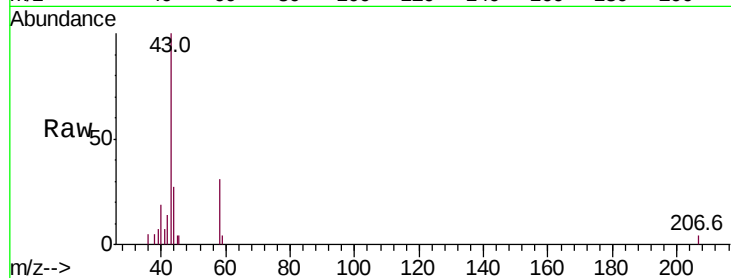




#16
Acetone
Concen: 5.536 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW011866.D
Acq: 12 Aug 2019 22:35

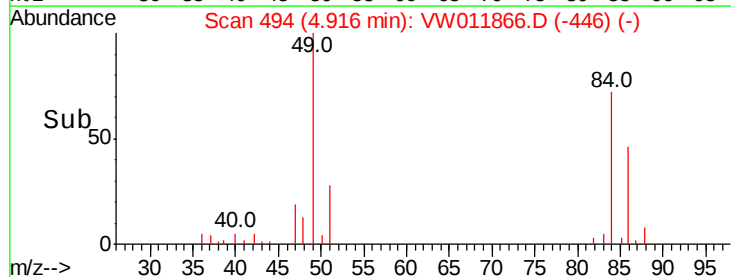
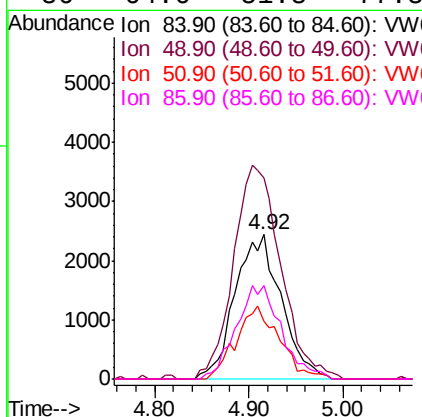
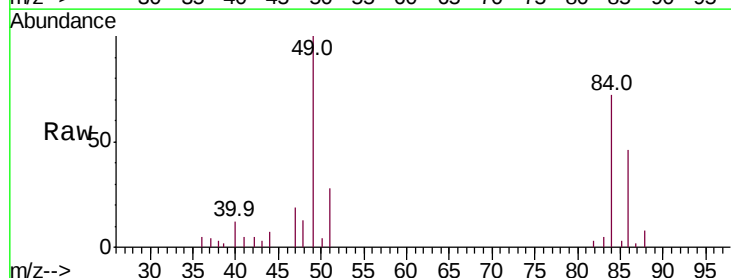
Instrument :
MSVOA_W
ClientSampleId :

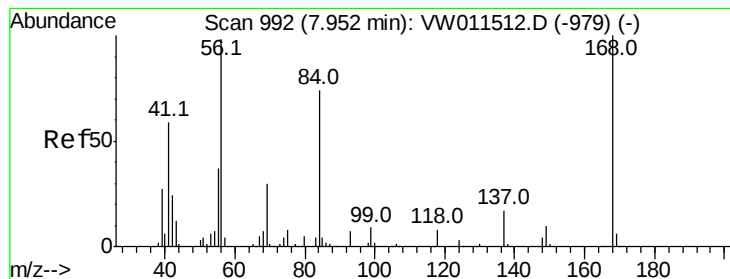
Tot Ion: 43 Resp: 4723
Ion Ratio Lower Upper
43 100
58 30.6 22.3 33.5



#20
Methylene Chloride
Concen: 2.834 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011866.D
Acq: 12 Aug 2019 22:35

Tgt Ion: 84 Resp: 8338
Ion Ratio Lower Upper
84 100
49 139.3 117.8 176.6
51 39.6 37.0 55.4
86 64.6 51.8 77.8





#31

Cyclohexane

Concen: 1.248 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011866.D

Acq: 12 Aug 2019 22:35

Instrument :
MSVOA_W
ClientSampled :

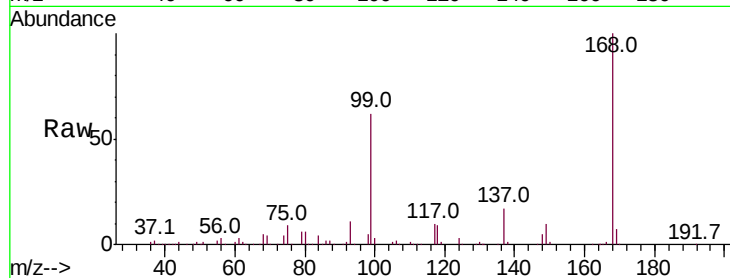
Tot Ion: 56 Resp: 6257

Ion Ratio Lower Upper

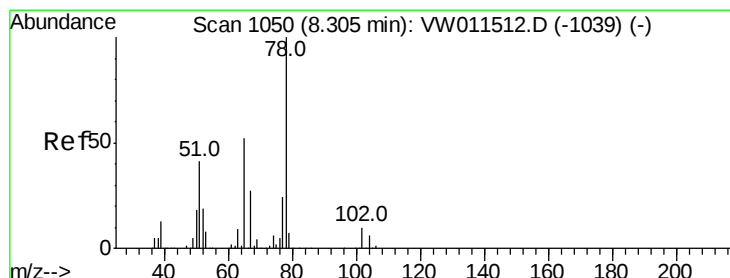
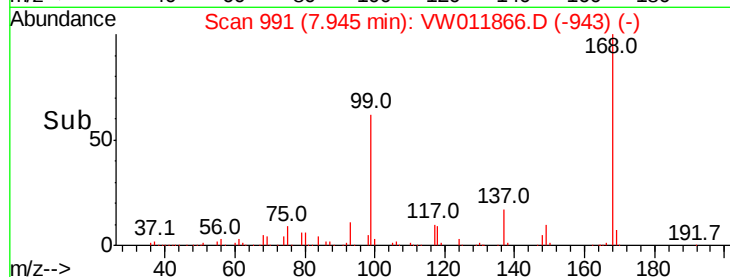
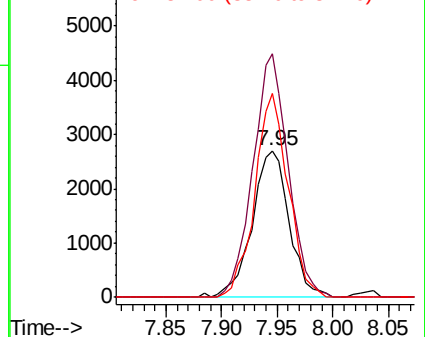
56 100

69 166.3 24.3 36.5#

84 138.9 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: 57.791 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011866.D

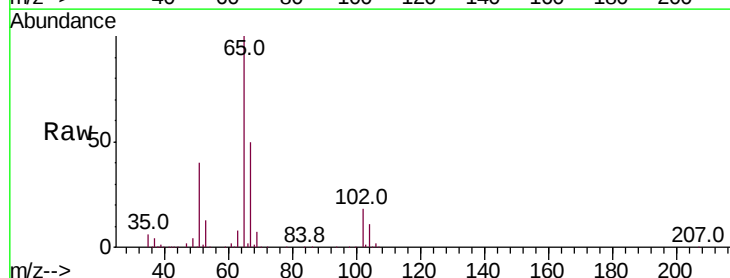
Acq: 12 Aug 2019 22:35

Tgt Ion: 65 Resp: 154985

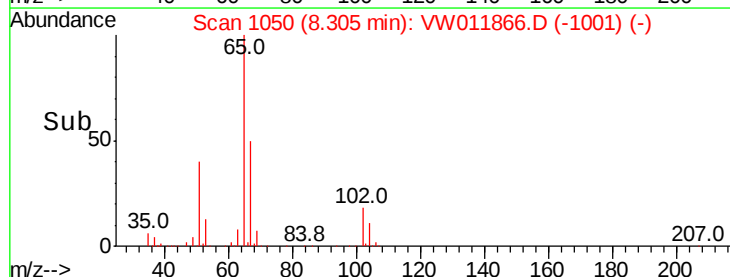
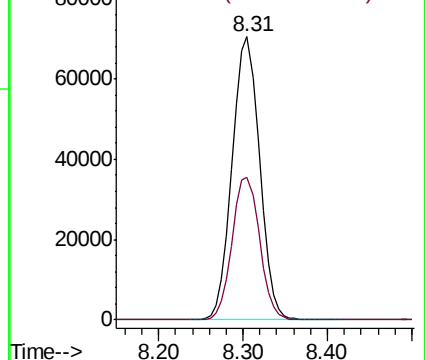
Ion Ratio Lower Upper

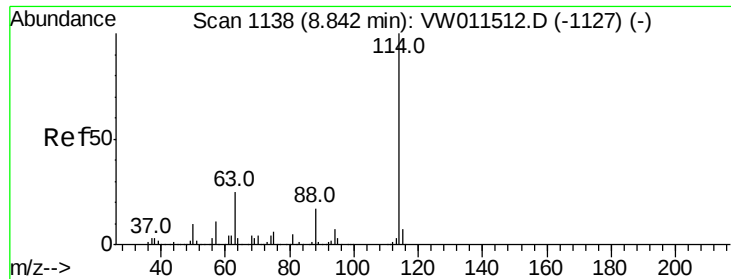
65 100

67 50.8 0.0 105.2



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

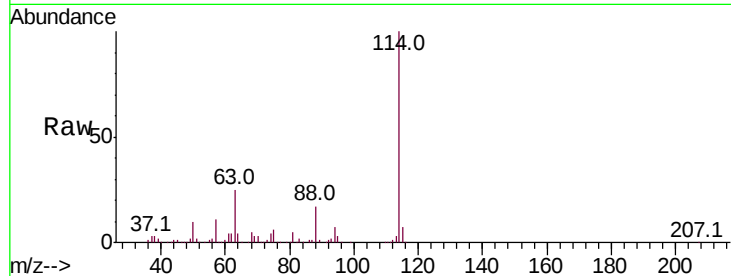




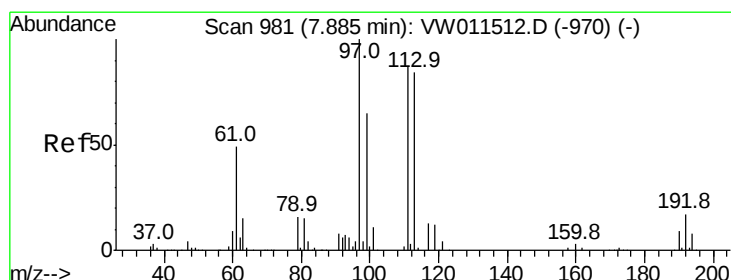
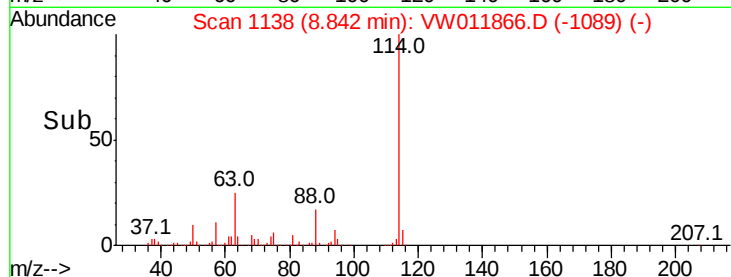
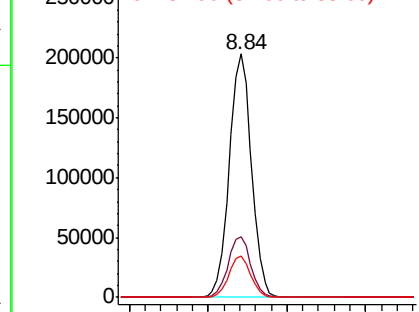
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011866.D
Acq: 12 Aug 2019 22:35

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	49.2
88	17.1	0.0	33.8

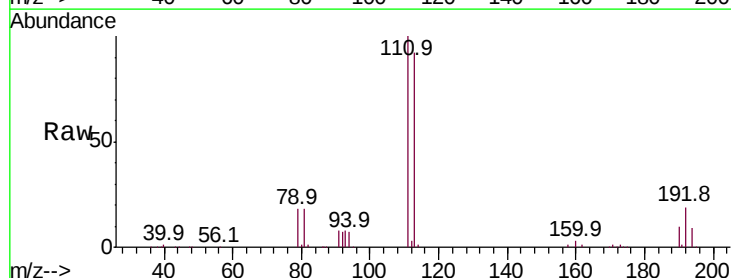


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

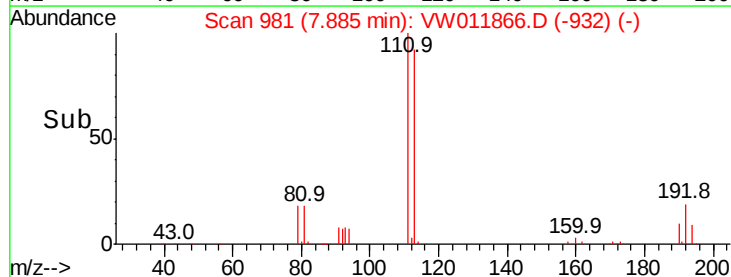
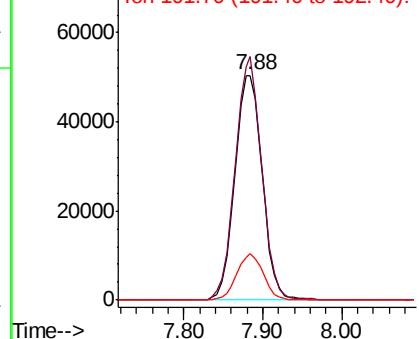


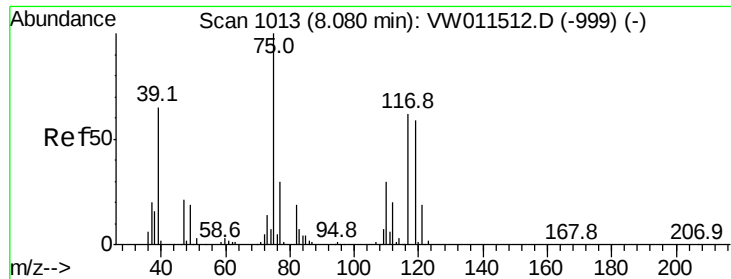
#35
Dibromofluoromethane
Concen: 54.574 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW011866.D
Acq: 12 Aug 2019 22:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	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

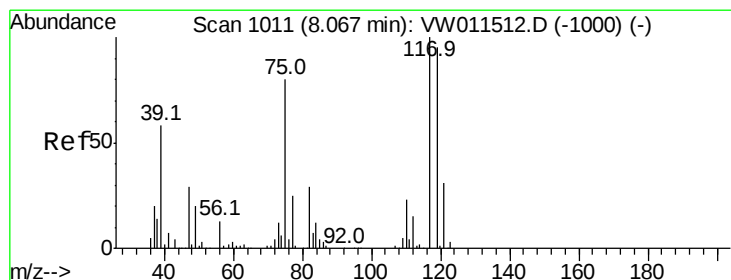
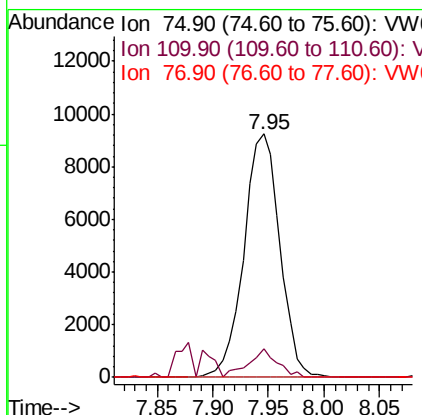
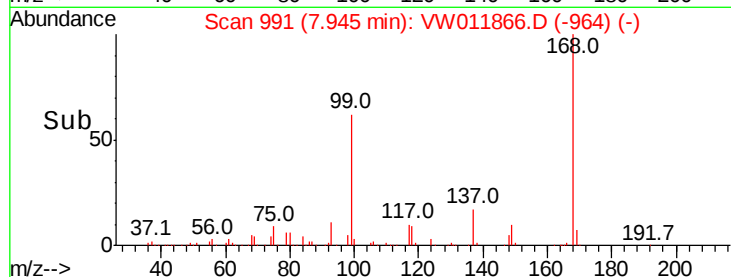
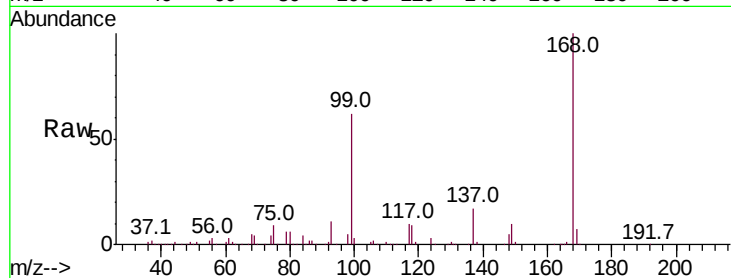




#36
 1,1-Dichloropropene
 Concen: 5.036 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011866.D
 Acq: 12 Aug 2019 22:35

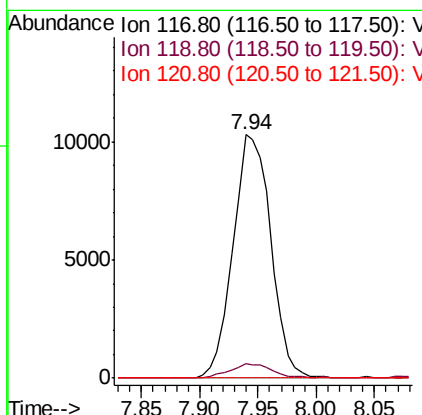
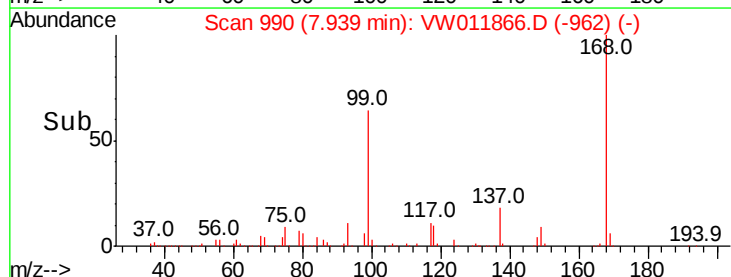
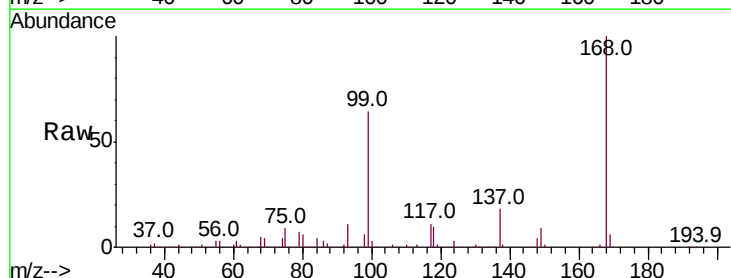
Instrument :
 MSVOA_W
 ClientSampleId :

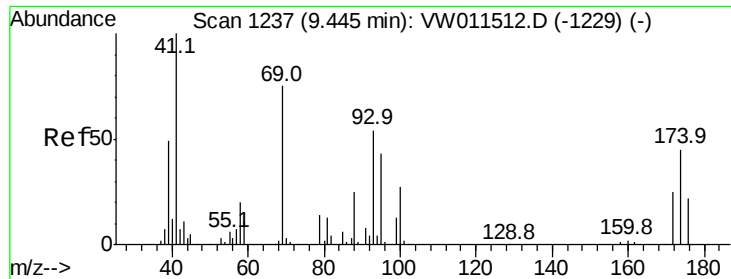
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	15.6	46.8#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.577 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW011866.D
 Acq: 12 Aug 2019 22:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.8	113.6#
121	0.0	24.7	37.1#





#49

1,4-Dioxane

Concen: 1.076 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW011866.D

Acq: 12 Aug 2019 22:35

Instrument :
MSVOA_W
ClientSampled :

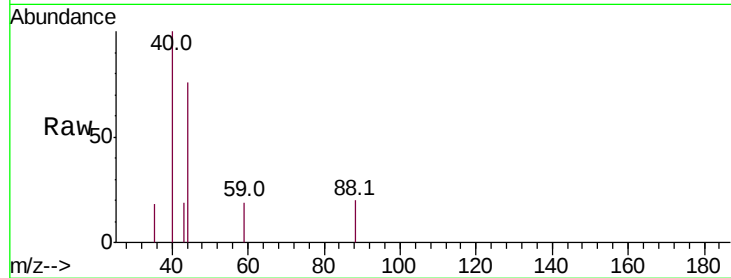
Tot Ion: 88 Resp: 22

Ion Ratio Lower Upper

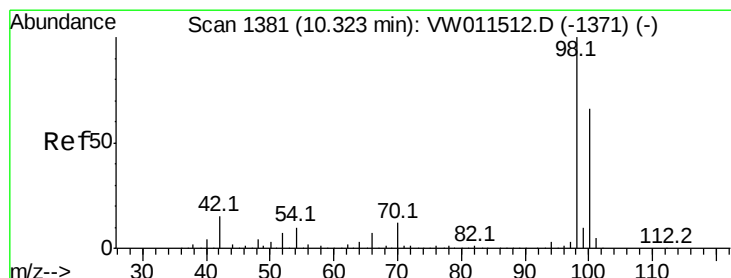
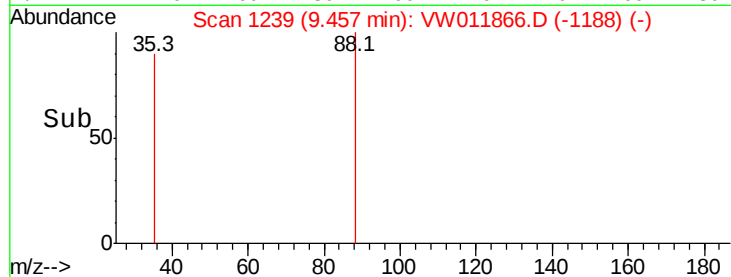
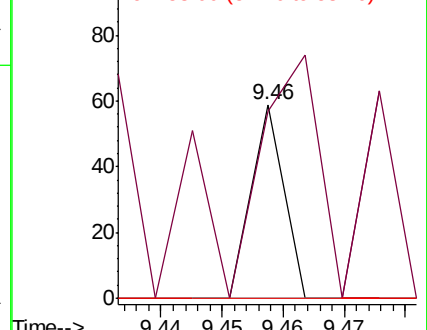
88 100

43 322.7 34.0 51.0#

58 0.0 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: 54.467 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011866.D

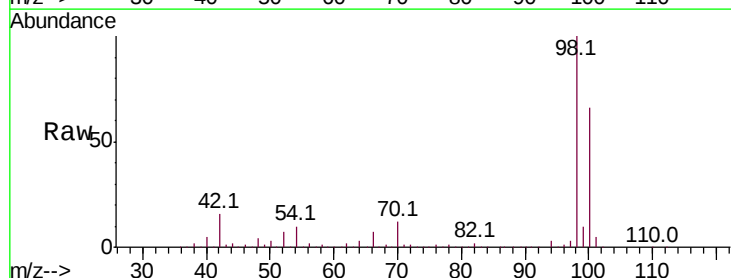
Acq: 12 Aug 2019 22:35

Tgt Ion: 98 Resp: 496890

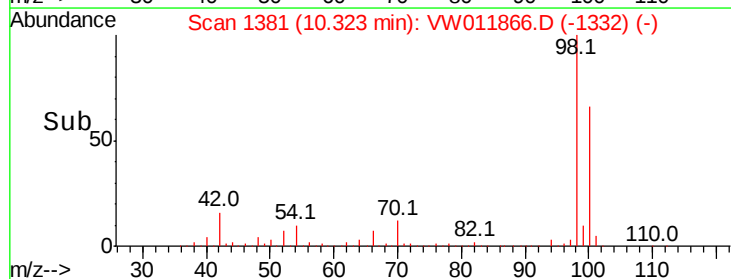
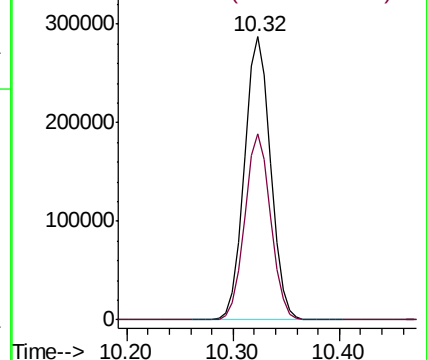
Ion Ratio Lower Upper

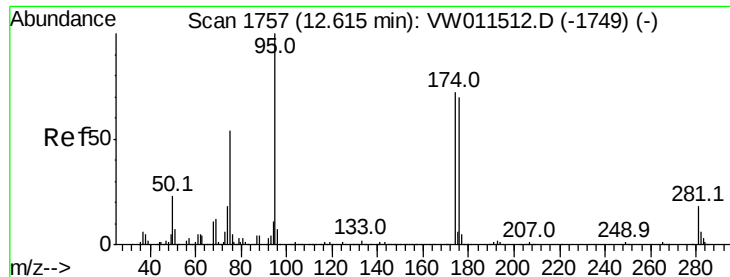
98 100

100 64.9 52.7 79.1



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

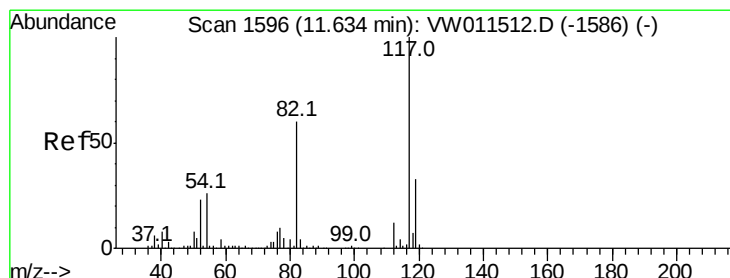
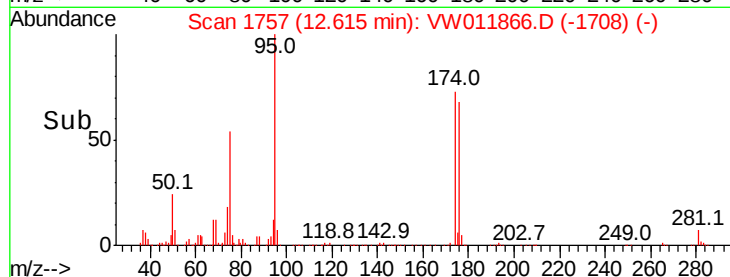
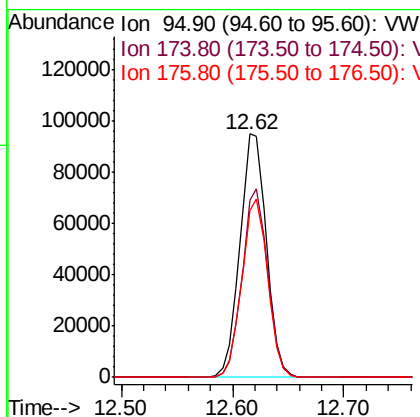
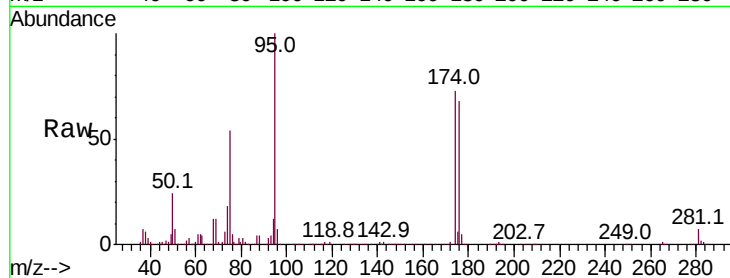




#62
4-Bromofluorobenzene
Concen: 47.915 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011866.D
Acq: 12 Aug 2019 22:35

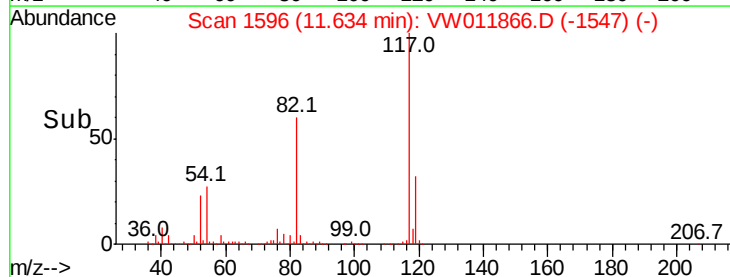
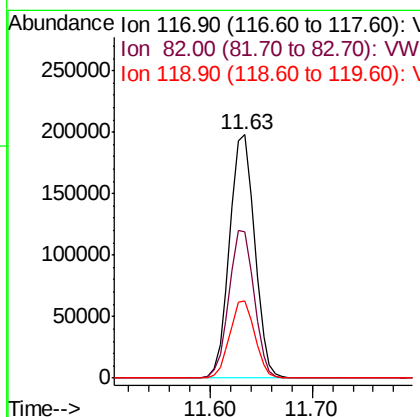
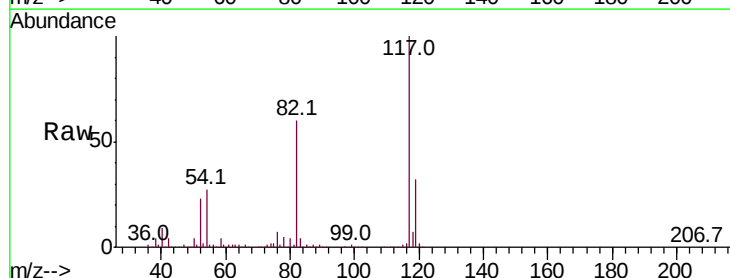
Instrument :
MSVOA_W
ClientSampleId :

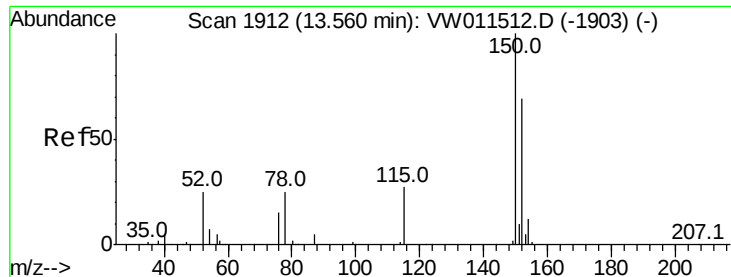
Tot Ion: 95 Resp: 155843
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.2
176 71.9 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011866.D
Acq: 12 Aug 2019 22:35

Tgt Ion: 117 Resp: 336270
Ion Ratio Lower Upper
117 100
82 59.9 47.9 71.9
119 31.8 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: VW011866.D

Acq: 12 Aug 2019 22:35

Instrument :

MSVOA_W

ClientSampleId :

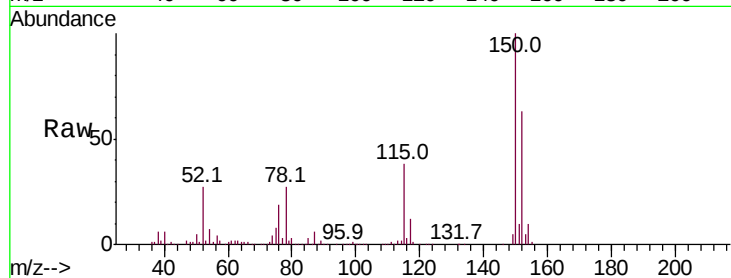
Tot Ion:152 Resp: 128897

Ion Ratio Lower Upper

152 100

115 60.3 30.5 91.5

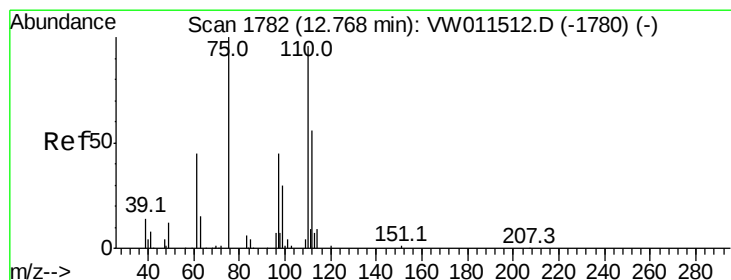
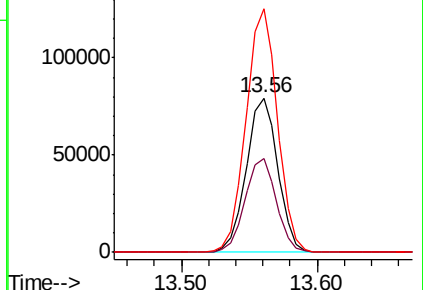
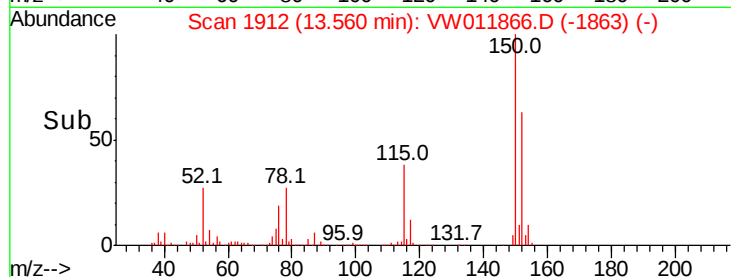
150 157.1 0.0 352.6



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: 61.089 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011866.D

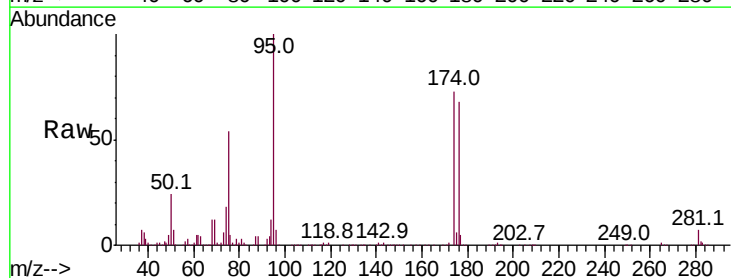
Acq: 12 Aug 2019 22:35

Tgt Ion: 75 Resp: 83318

Ion Ratio Lower Upper

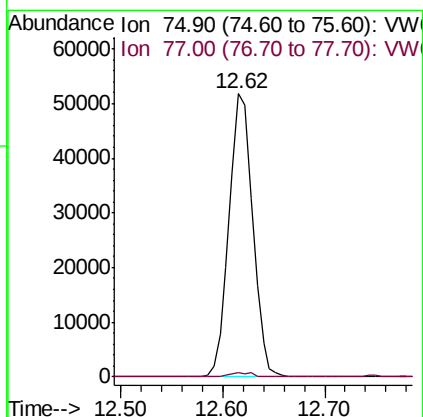
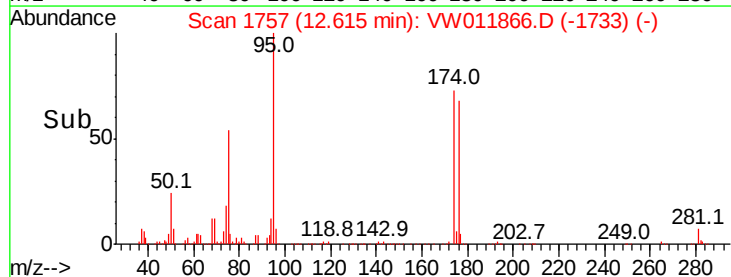
75 100

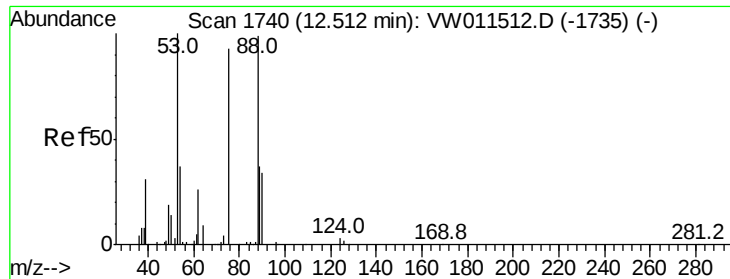
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

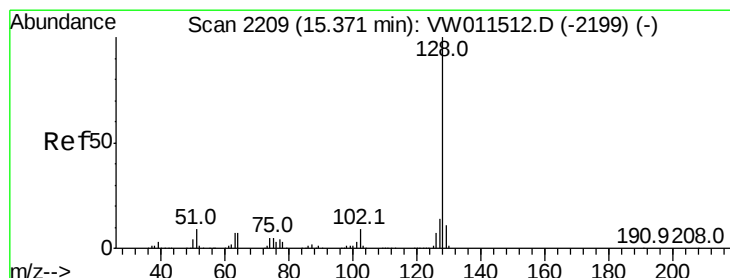
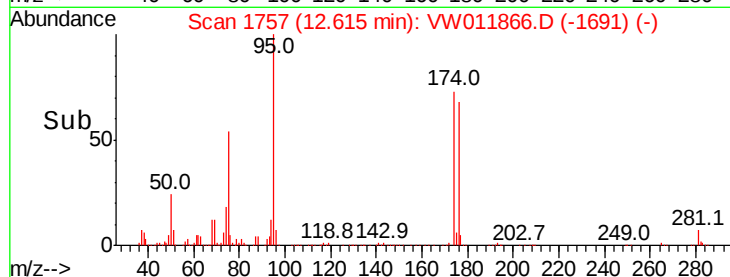
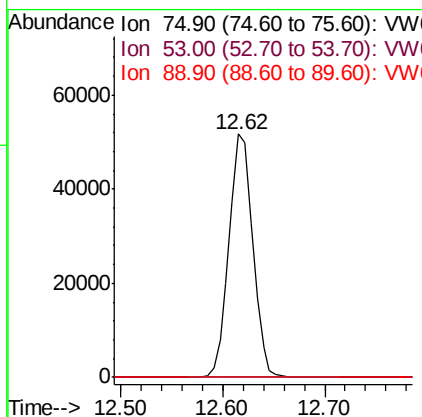
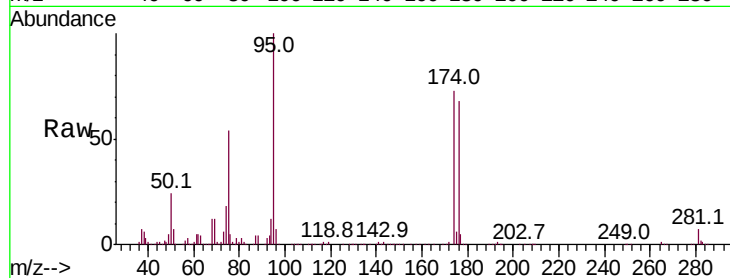




#81
trans-1,4-Dichloro-2-butene
Concen: 140.789 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011866.D
Acq: 12 Aug 2019 22:35

Instrument :
MSVOA_W
ClientSampleId :

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



#95
Naphthalene
Concen: 2.172 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011866.D
Acq: 12 Aug 2019 22:35

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	3.9	8.6	13.0#

