

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091119\
 Data File : VW012907.D
 Acq On : 11 Sep 2019 10:38
 Operator : SY/VA
 Sample : VW0911SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBL01

Quant Time: Sep 11 11:02:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	301058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	252251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107653	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	106917	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
35) Dibromofluoromethane	7.88	113	90327	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
50) Toluene-d8	10.32	98	352436	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.62	95	113507	44.59	ug/l	0.00
Spiked Amount			Recovery	=	89.18%	

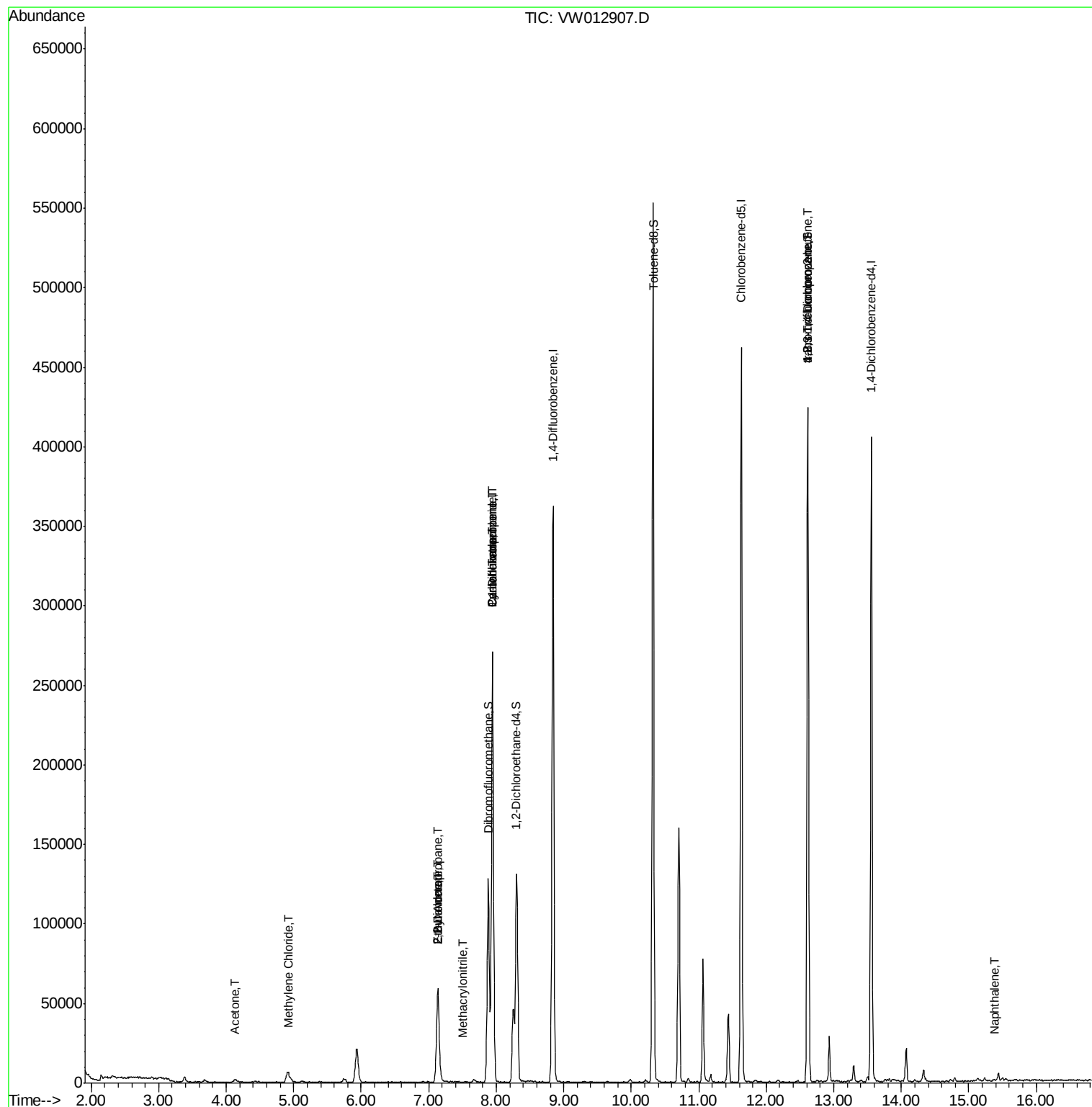
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	3581	5.756	ug/l #	83
20) Methylene Chloride	4.92	84	4183	2.149	ug/l #	85
25) 2-Butanone	7.14	43	3574	23.275	ug/l #	83
26) 2,2-Dichloropropane	7.13	77	4285	1.821	ug/l #	55
31) Cyclohexane	7.95	56	4484	1.337	ug/l #	6
36) 1,1-Dichloropropene	7.95	75	15938	5.958	ug/l #	50
37) Ethyl Acetate	7.14	43	3574	2.096	ug/l #	1
38) Carbon Tetrachloride	7.95	117	19406	7.359	ug/l #	16
41) Methacrylonitrile	7.51	41	26	3.859	ug/l #	27
76) 1,2,3-Trichloropropane	12.62	75	61054	55.463	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61054	117.309	ug/l #	7
95) Naphthalene	15.37	128	882	4.617	ug/l #	82

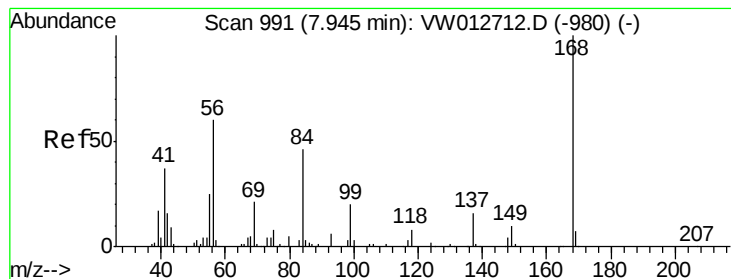
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012907.D

Acq: 11 Sep 2019 10:38

Instrument :

MSVOA_W

ClientSampleId :

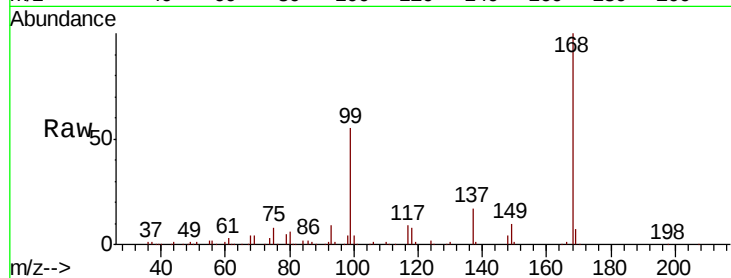
VW0911SBL01

Tgt Ion:168 Resp: 204250

Ion Ratio Lower Upper

168 100

99 54.6 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

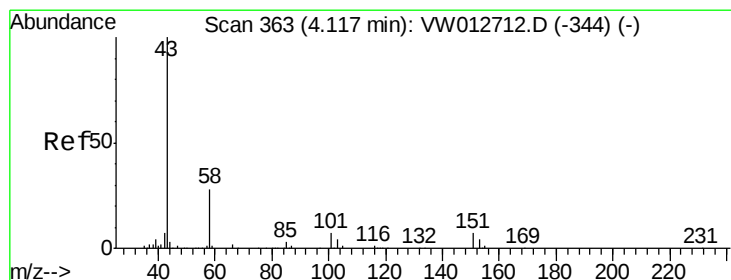
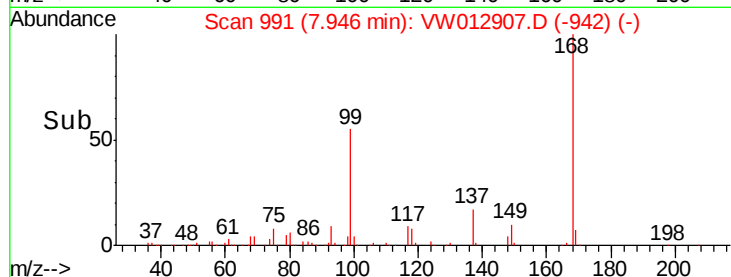
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 5.756 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012907.D

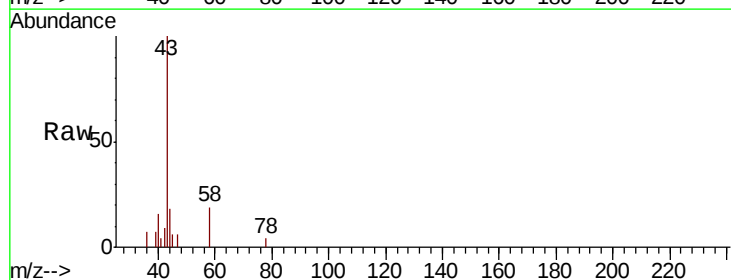
Acq: 11 Sep 2019 10:38

Tgt Ion: 43 Resp: 3581

Ion Ratio Lower Upper

43 100

58 19.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

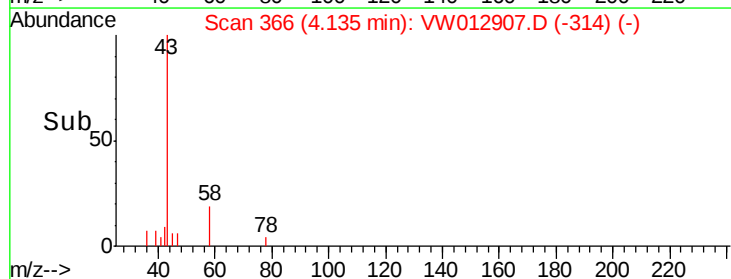
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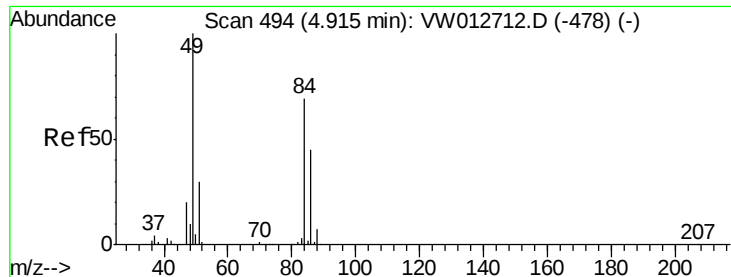
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Time-->

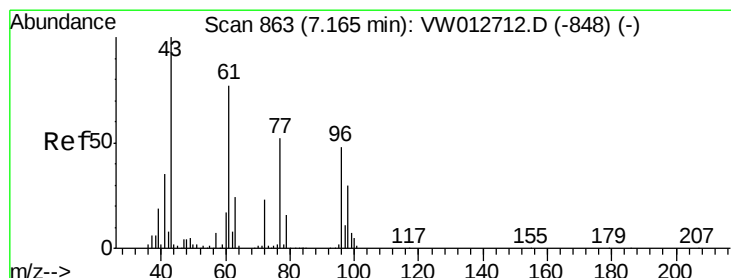
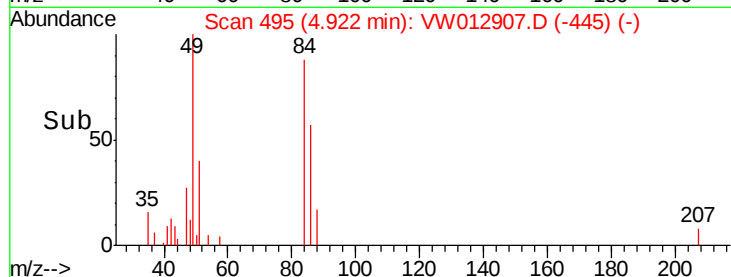
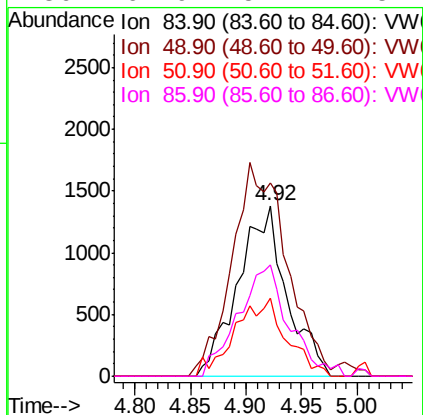
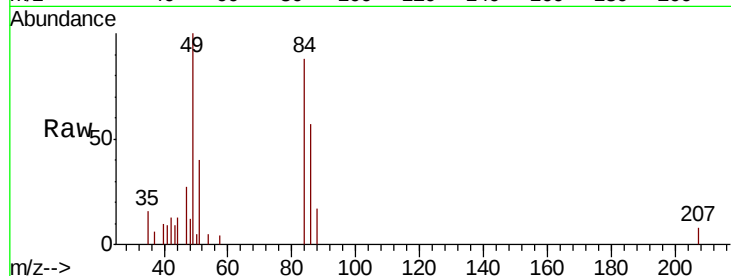




#20
Methylene Chloride
Concen: 2.149 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW012907.D
Acq: 11 Sep 2019 10:38

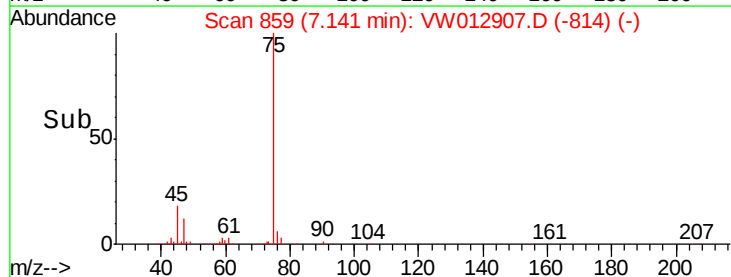
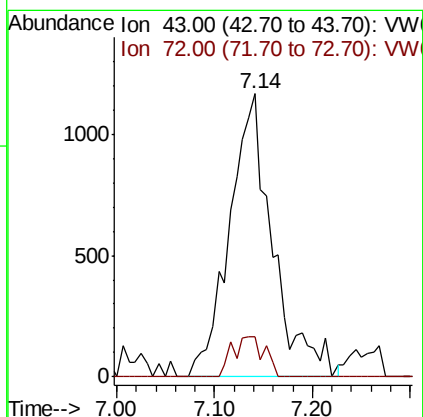
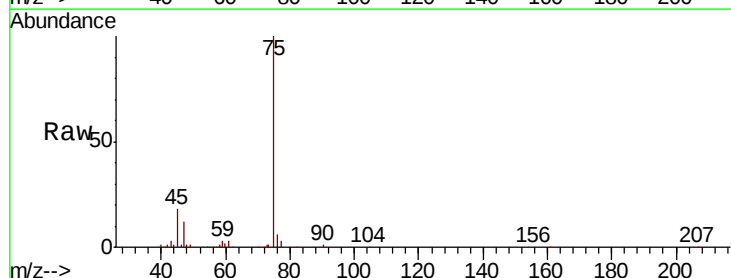
Instrument :
MSVOA_W
ClientSampleId :
VW0911SBL01

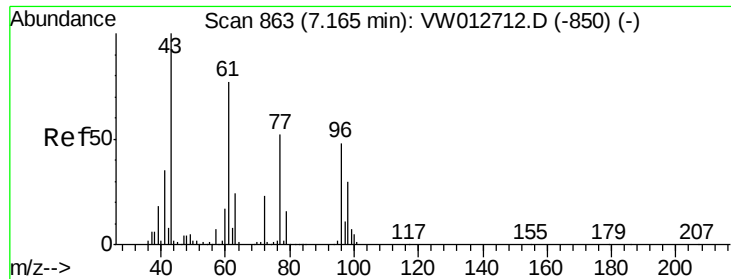
Tgt Ion: 84 Resp: 4183
Ion Ratio Lower Upper
84 100
49 113.1 115.4 173.0#
51 45.5 34.9 52.3
86 64.9 52.2 78.4



#25
2-Butanone
Concen: 23.275 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW012907.D
Acq: 11 Sep 2019 10:38

Tgt Ion: 43 Resp: 3574
Ion Ratio Lower Upper
43 100
72 14.4 18.0 27.0#





#26

2,2-Dichloropropane

Concen: 1.821 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW012907.D

Acq: 11 Sep 2019 10:38

Instrument :

MSVOA_W

ClientSampleId :

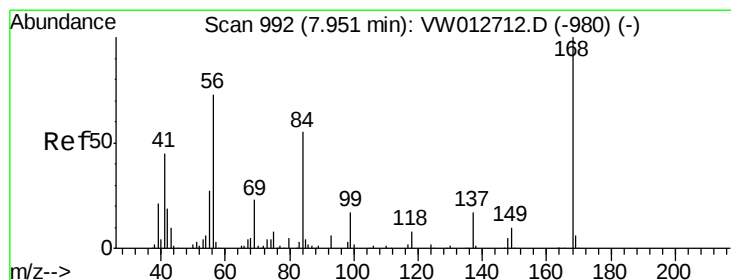
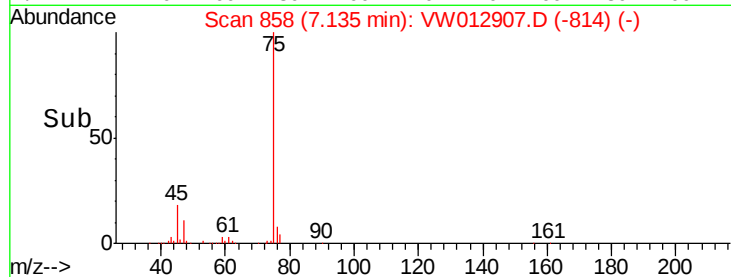
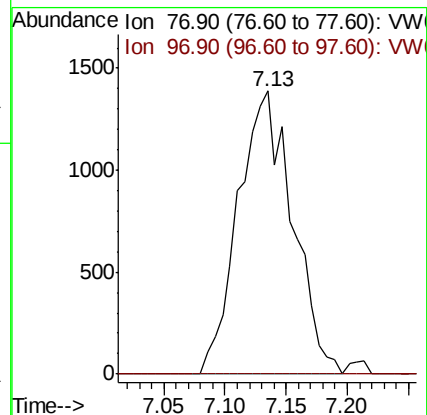
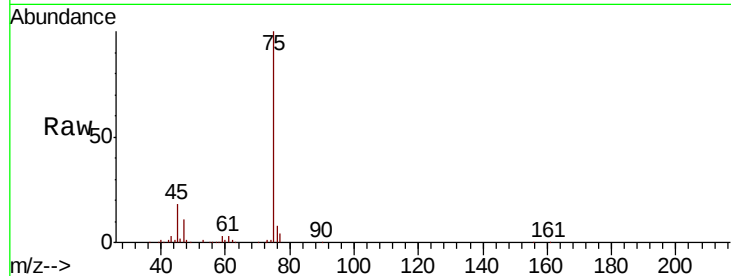
VW0911SBL01

Tgt Ion: 77 Resp: 4285

Ion Ratio Lower Upper

77 100

97 0.0 10.7 32.1#



#31

Cyclohexane

Concen: 1.337 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012907.D

Acq: 11 Sep 2019 10:38

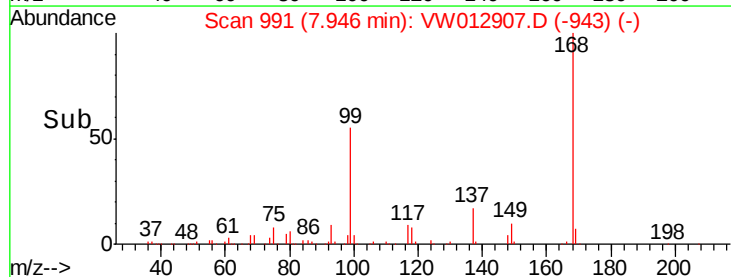
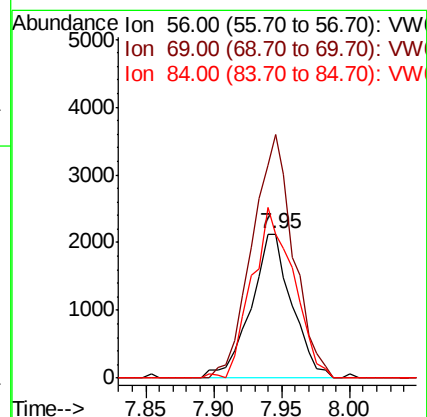
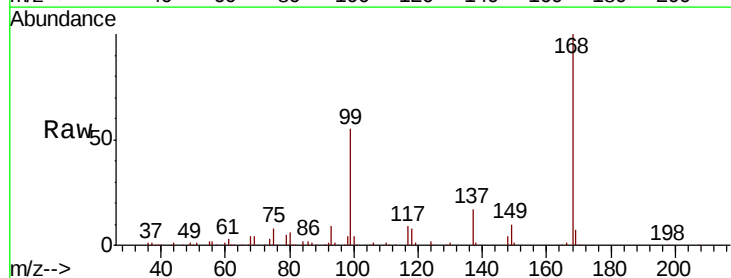
Tgt Ion: 56 Resp: 4484

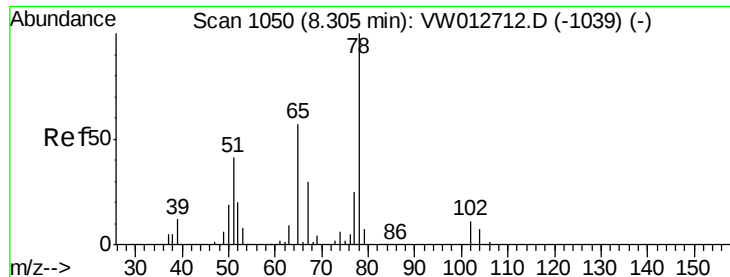
Ion Ratio Lower Upper

56 100

69 169.4 25.7 38.5#

84 100.4 60.4 90.6#

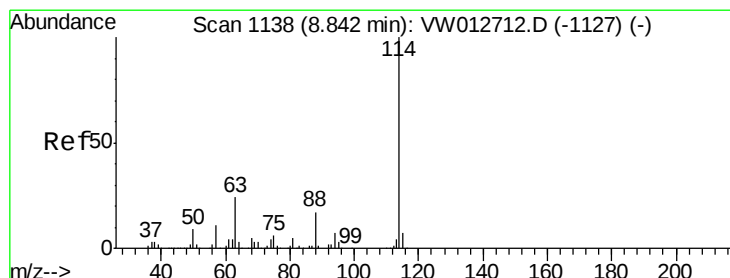
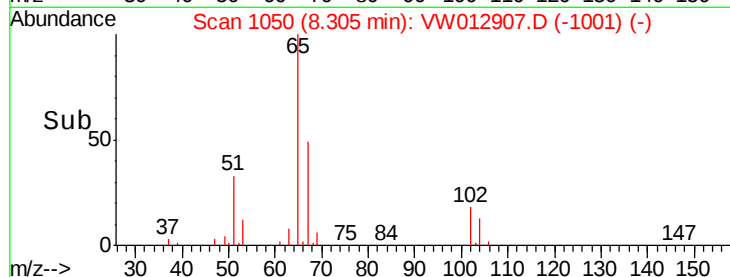
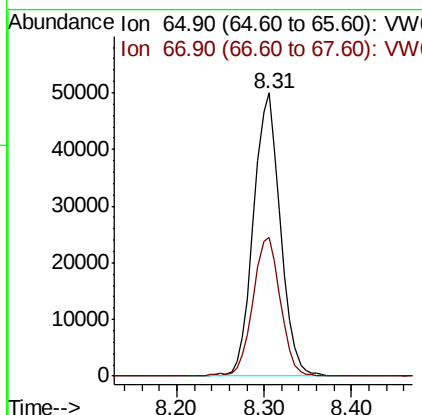
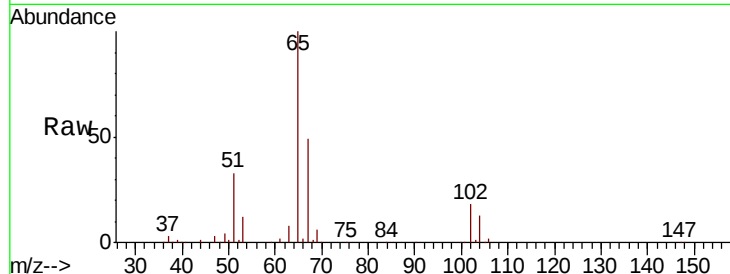




#33
 1,2-Dichloroethane-d4
 Concen: 46.849 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012907.D
 Acq: 11 Sep 2019 10:38

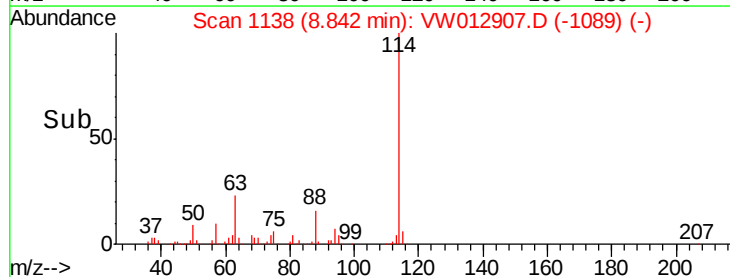
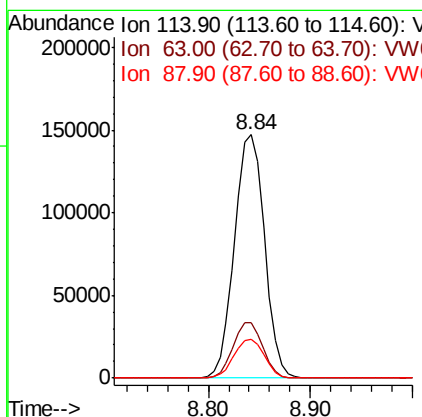
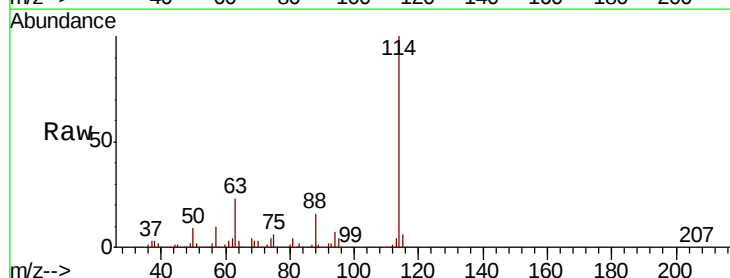
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBL01

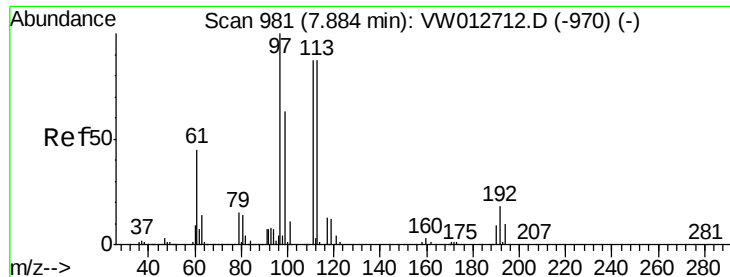
Tgt Ion: 65 Resp: 106917
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012907.D
 Acq: 11 Sep 2019 10:38

Tgt Ion: 114 Resp: 301058
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 16.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.466 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012907.D

Acq: 11 Sep 2019 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBL01

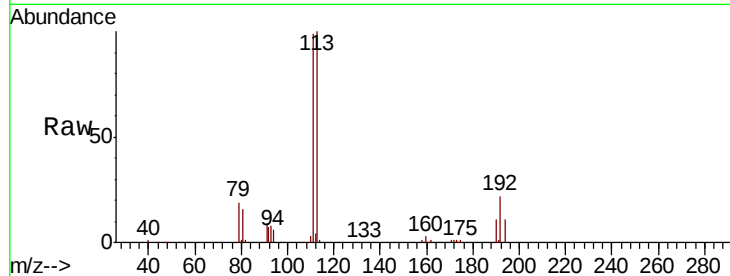
Tgt Ion:113 Resp: 90327

Ion Ratio Lower Upper

113 100

111 101.9 80.2 120.4

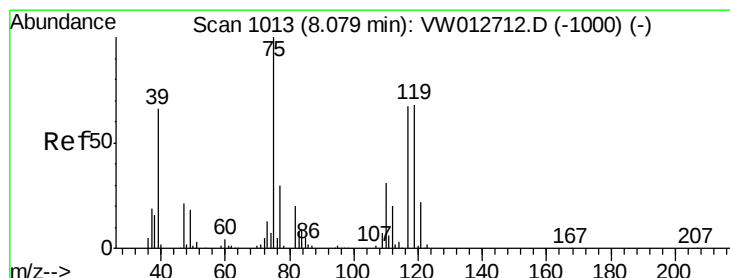
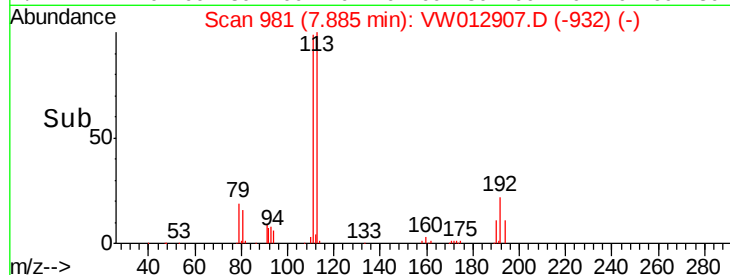
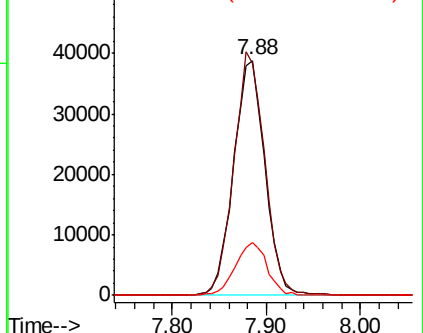
192 22.5 17.3 25.9



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: 5.958 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW012907.D

Acq: 11 Sep 2019 10:38

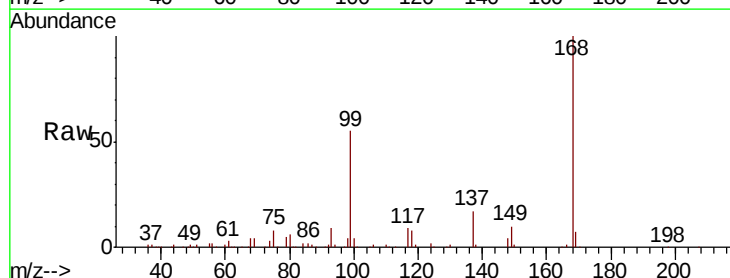
Tgt Ion: 75 Resp: 15938

Ion Ratio Lower Upper

75 100

110 7.6 15.9 47.7#

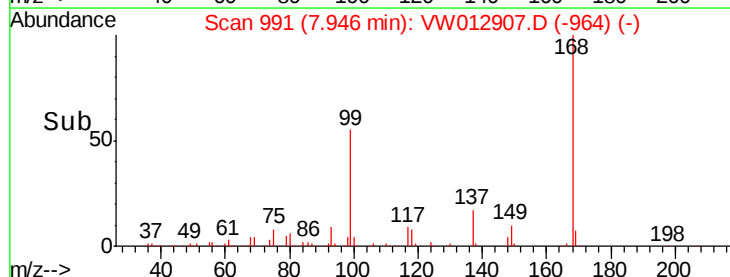
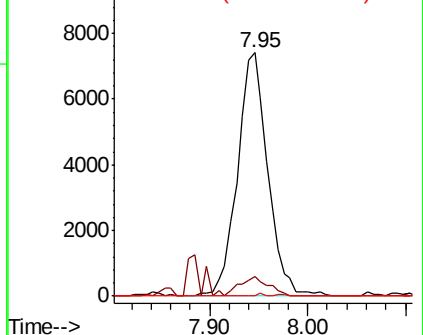
77 0.2 25.0 37.4#

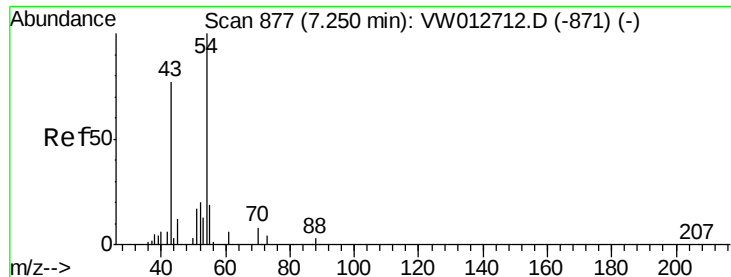


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

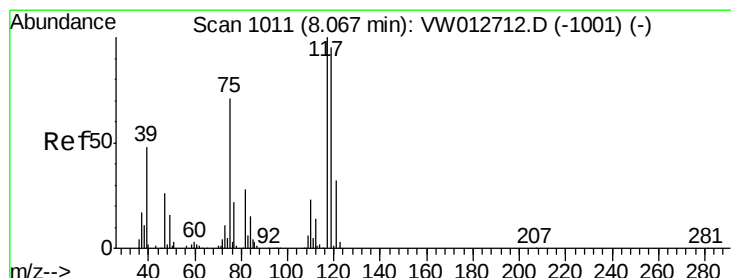
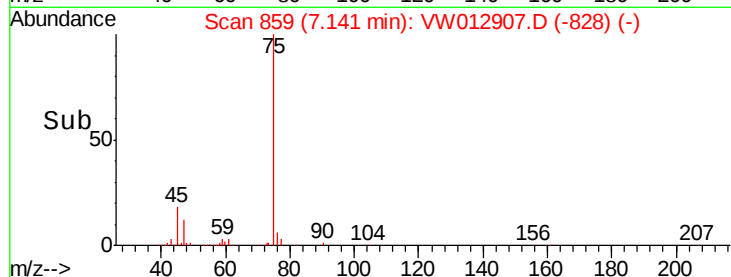
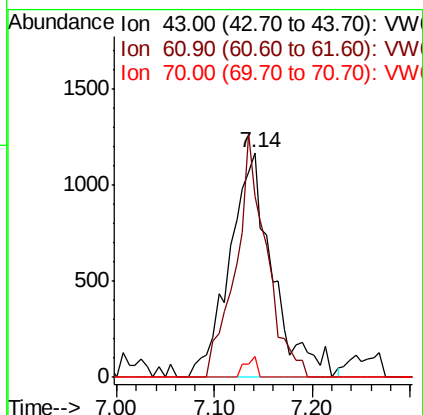
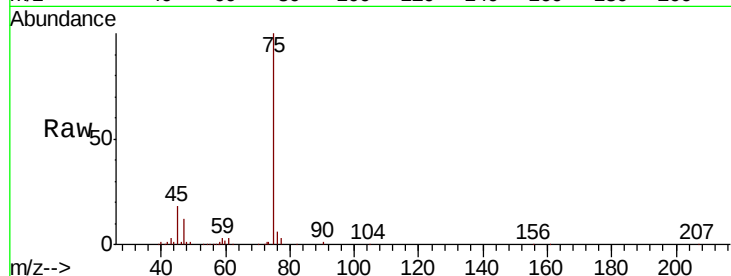




#37
Ethyl Acetate
Concen: 2.096 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.11 min
Lab File: VW012907.D
Acq: 11 Sep 2019 10:38

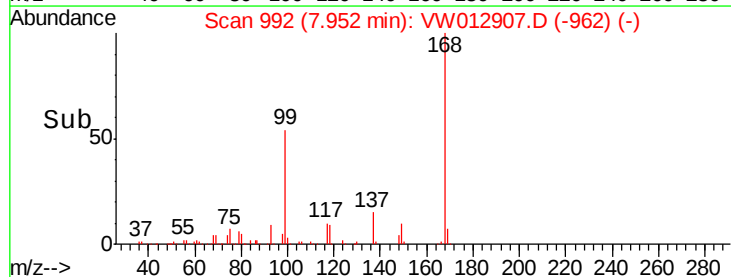
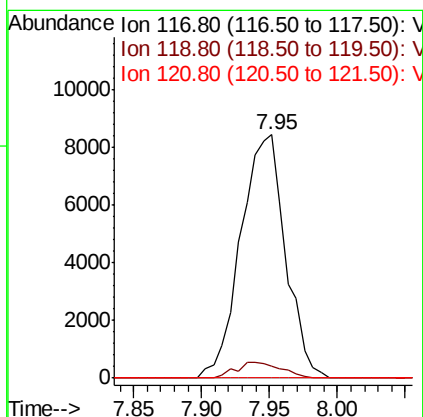
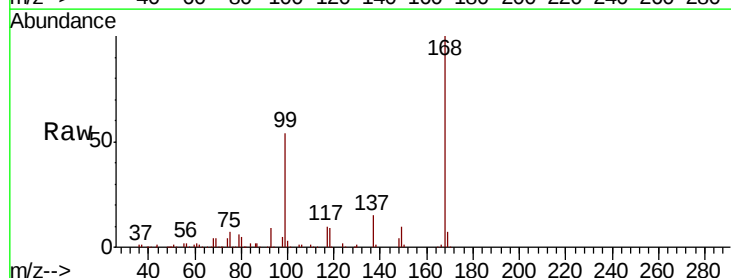
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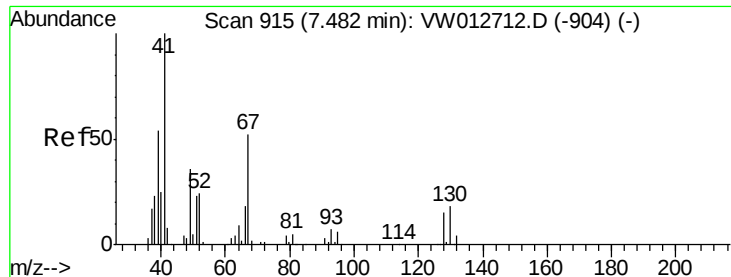
Tgt Ion: 43 Resp: 3574
Ion Ratio Lower Upper
43 100
61 76.6 9.5 14.3#
70 2.5 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 7.359 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW012907.D
Acq: 11 Sep 2019 10:38

Tgt Ion: 117 Resp: 19406
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 25.4 38.2#

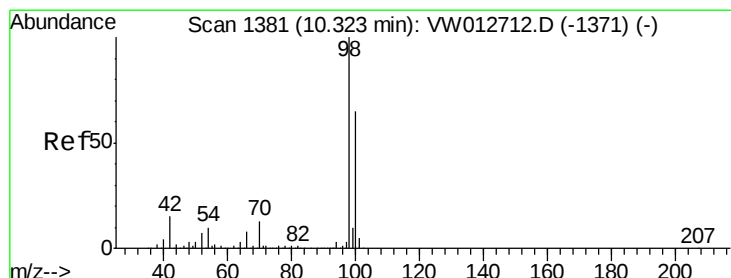
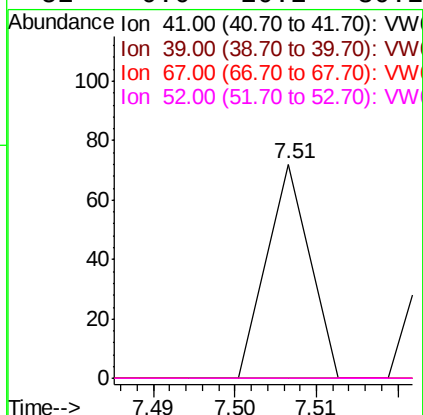
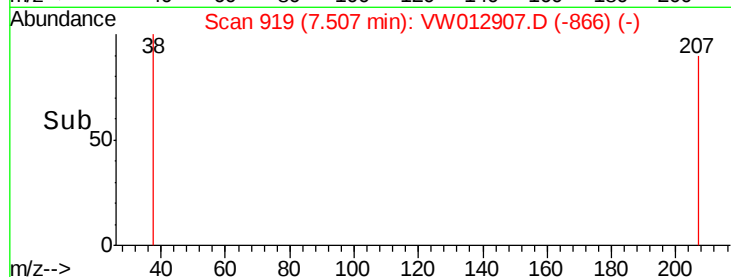
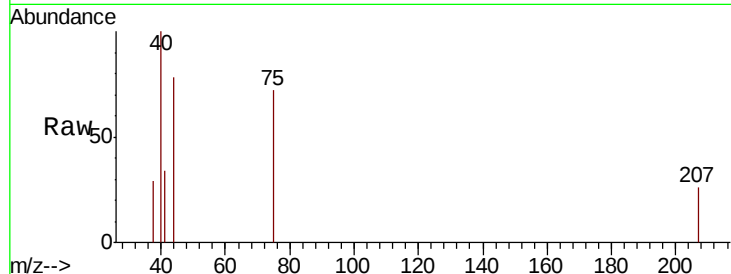




#41
Methacrylonitrile
Concen: 3.859 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.02 min
Lab File: VW012907.D
Acq: 11 Sep 2019 10:38

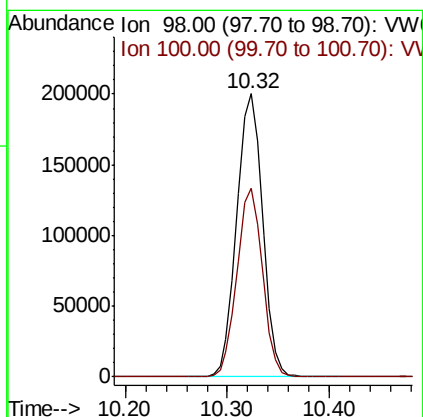
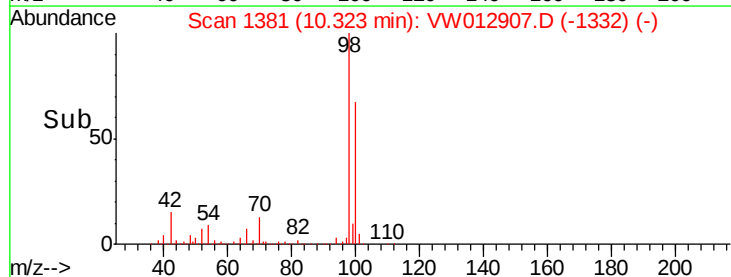
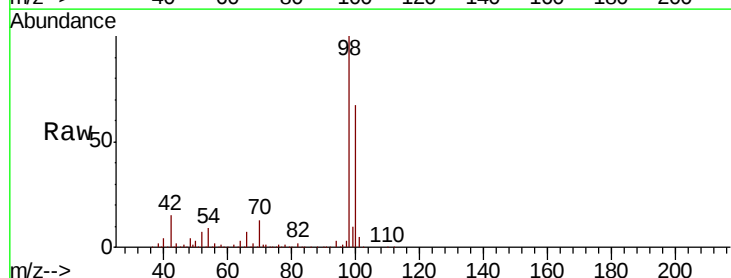
Instrument :
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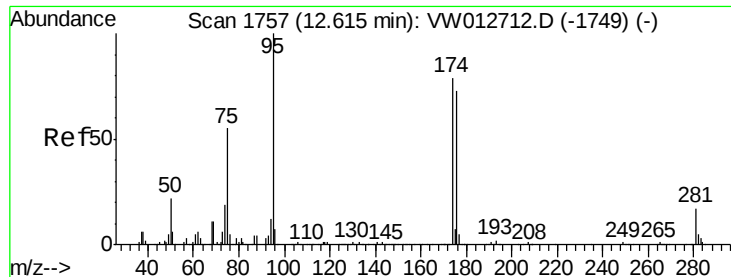
Tgt Ion:	41	Resp:	26
Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.5	71.3#
67	0.0	45.1	67.7#
52	0.0	20.2	30.2#



#50
Toluene-d8
Concen: 50.260 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012907.D
Acq: 11 Sep 2019 10:38

Tgt Ion:	98	Resp:	352436
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.4

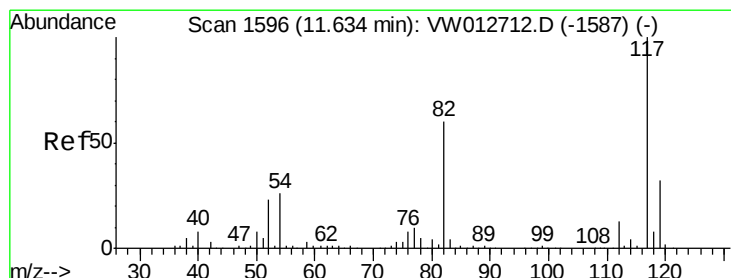
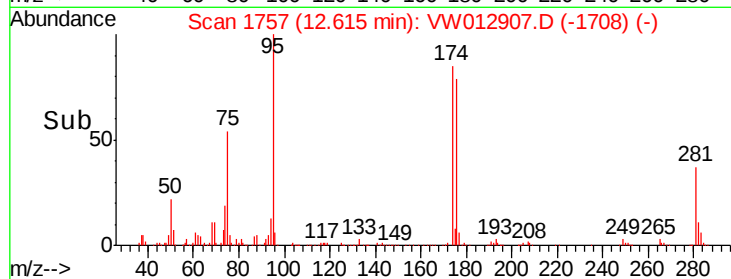
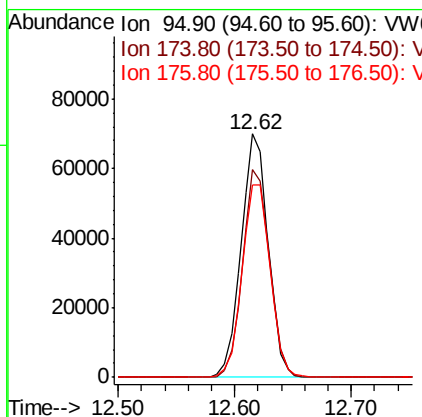
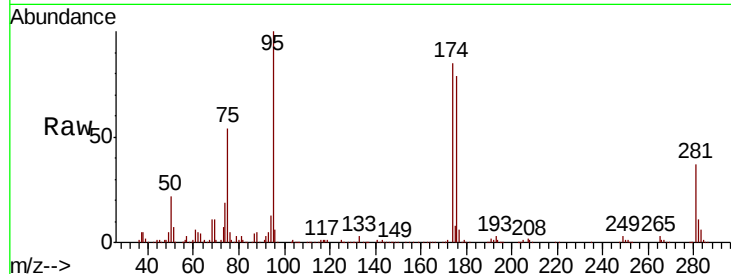




#62
4-Bromofluorobenzene
Concen: 44.588 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012907.D
Acq: 11 Sep 2019 10:38

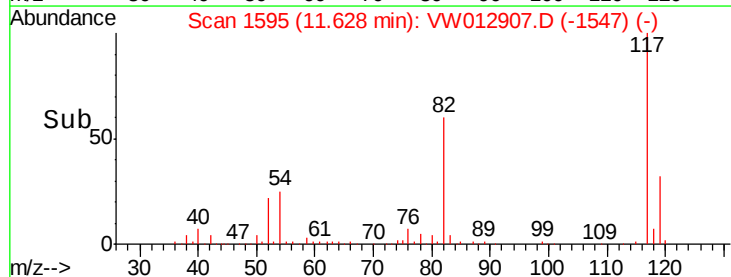
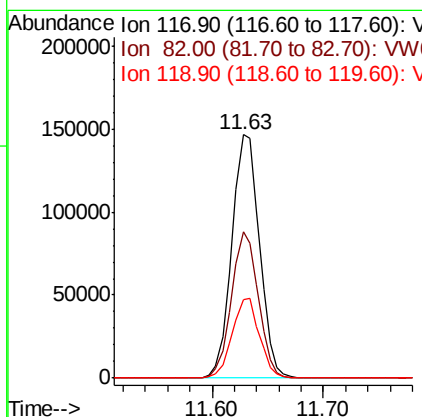
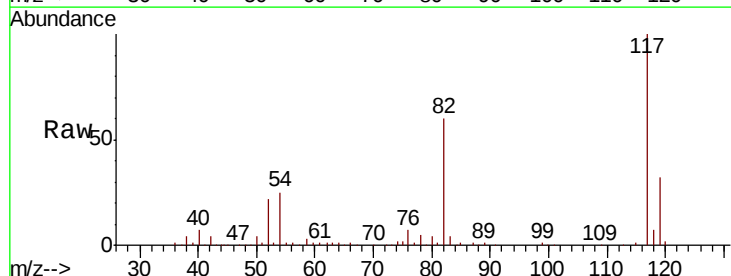
Instrument :
MSVOA_W
ClientSampleId :
VW0911SBL01

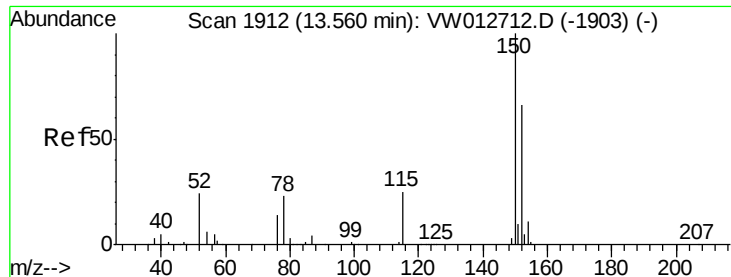
Tgt Ion: 95 Resp: 113507
Ion Ratio Lower Upper
95 100
174 85.2 0.0 161.0
176 82.6 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012907.D
Acq: 11 Sep 2019 10:38

Tgt Ion: 117 Resp: 252251
Ion Ratio Lower Upper
117 100
82 60.0 48.2 72.4
119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012907.D

Acq: 11 Sep 2019 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBL01

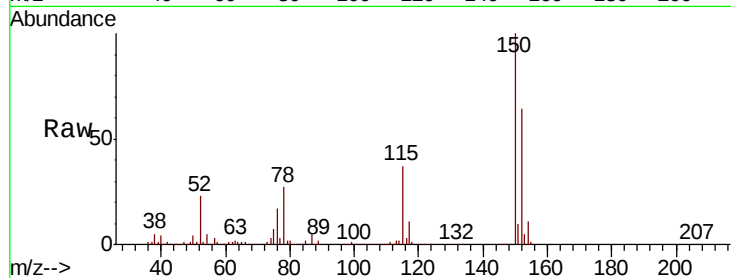
Tgt Ion:152 Resp: 107653

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.1

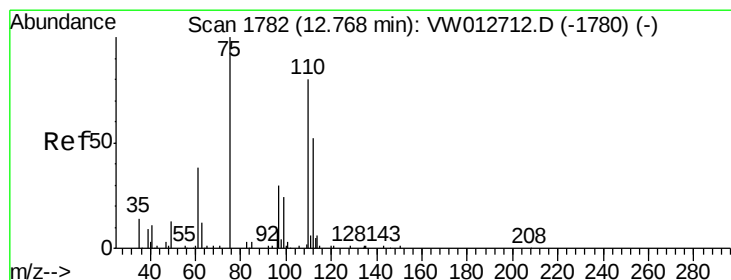
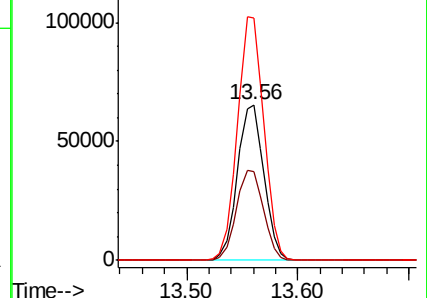
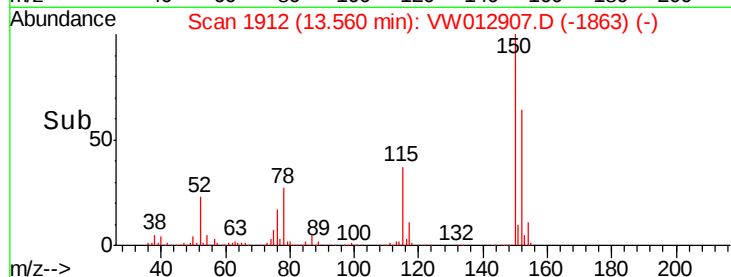
150 156.7 0.0 349.0



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: 55.463 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012907.D

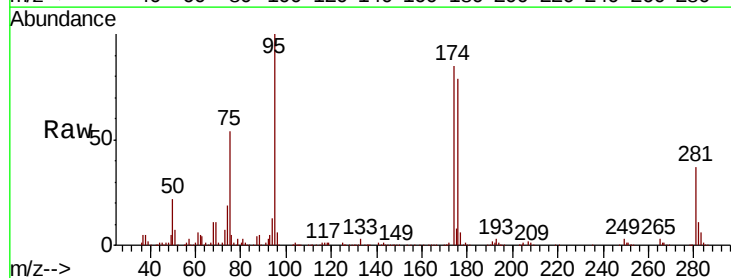
Acq: 11 Sep 2019 10:38

Tgt Ion: 75 Resp: 61054

Ion Ratio Lower Upper

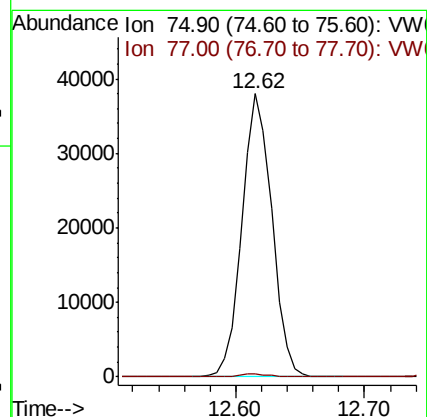
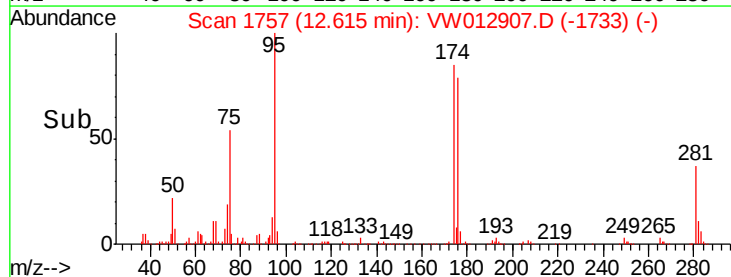
75 100

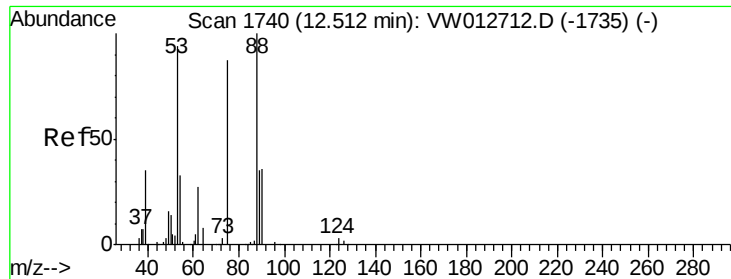
77 1.3 0.0 0.0#



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: 117.309 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012907.D

Acq: 11 Sep 2019 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBL01

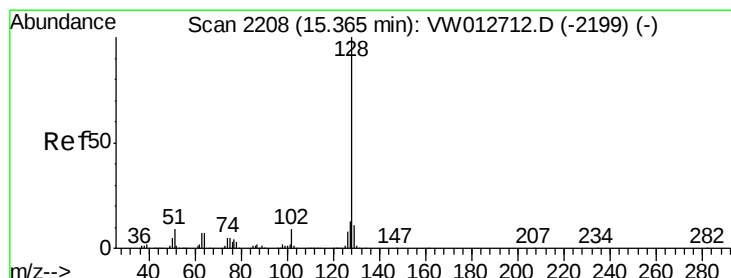
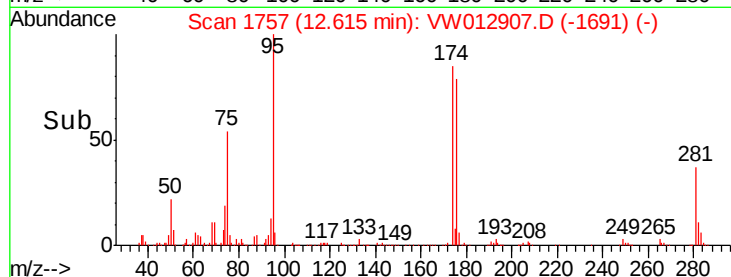
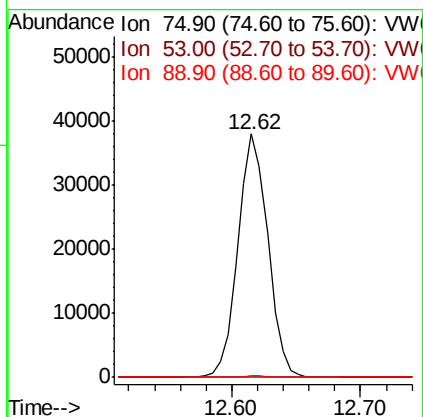
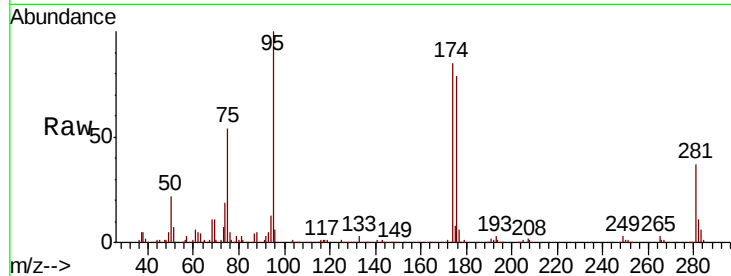
Tgt Ion: 75 Resp: 61054

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.4 35.5 53.3#



#95

Naphthalene

Concen: 4.617 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW012907.D

Acq: 11 Sep 2019 10:38

Tgt Ion: 128 Resp: 882

Ion Ratio Lower Upper

128 100

127 18.9 10.7 16.1#

129 2.5 8.7 13.1#

