

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091019\
 Data File : VW012887.D
 Acq On : 11 Sep 2019 00:10
 Operator : SY/VA
 Sample : K4664-01
 Misc : 5.46G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-090619

Quant Time: Sep 11 08:22:22 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	246976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	122028	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	132252	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
35) Dibromofluoromethane	7.88	113	109947	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
50) Toluene-d8	10.32	98	440755	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.62	95	137381	43.69	ug/l	0.00
Spiked Amount			Recovery	=	87.38%	

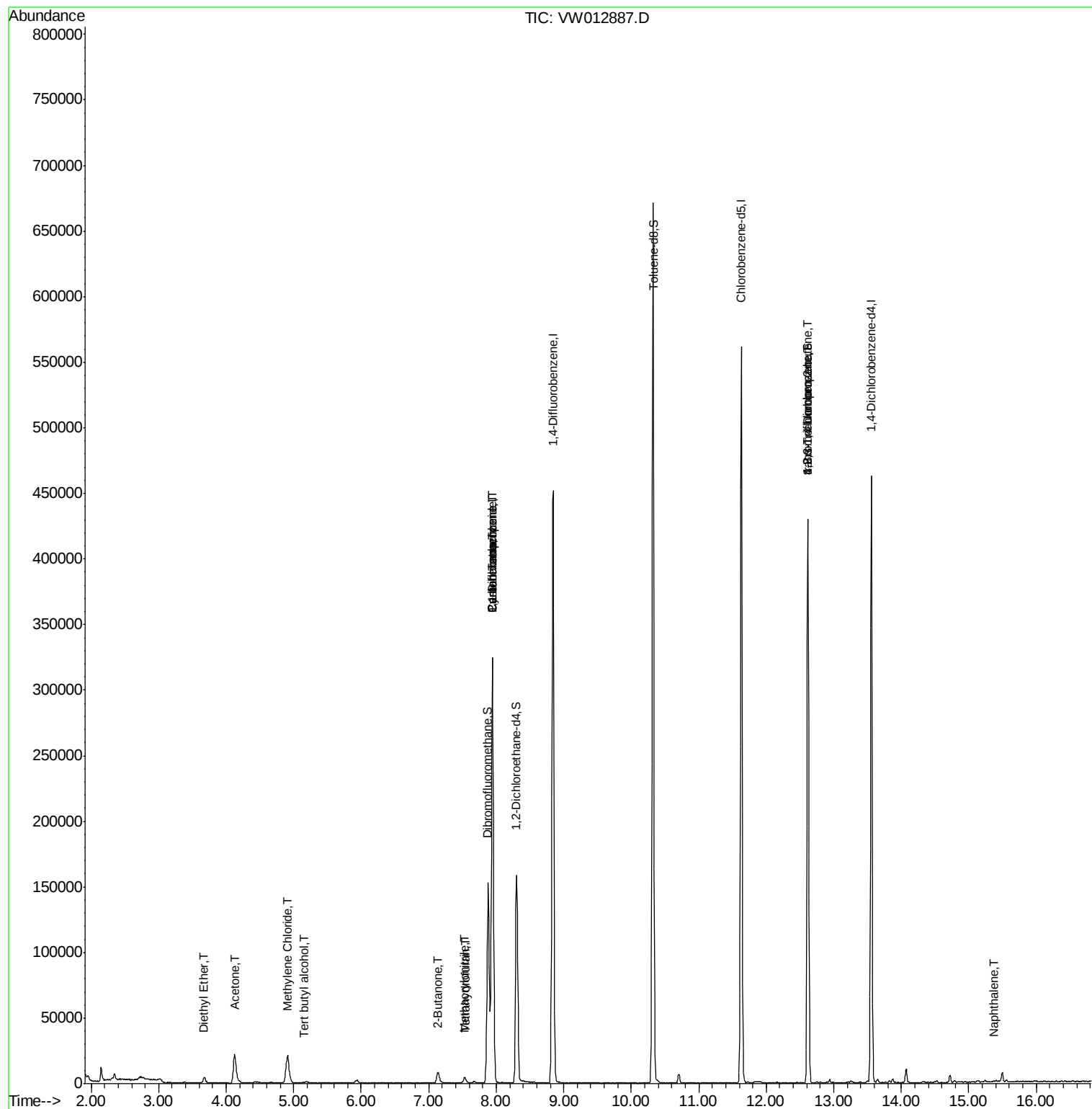
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	2486	2.148	ug/l	97
11) Tert butyl alcohol	5.16	59	417	1.975	ug/l #	87
16) Acetone	4.12	43	43185	57.404	ug/l	97
20) Methylene Chloride	4.91	84	15728	6.683	ug/l	94
25) 2-Butanone	7.14	43	513	20.107	ug/l #	53
29) Tetrahydrofuran	7.54	42	3719	6.122	ug/l	97
31) Cyclohexane	7.94	56	5211	1.285	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18408	5.571	ug/l #	51
38) Carbon Tetrachloride	7.95	117	23059	7.080	ug/l #	18
41) Methacrylonitrile	7.52	41	2179	5.244	ug/l #	53
76) 1,2,3-Trichloropropane	12.62	75	71189	57.052	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71189	120.669	ug/l #	6
95) Naphthalene	15.38	128	889	4.597	ug/l #	73

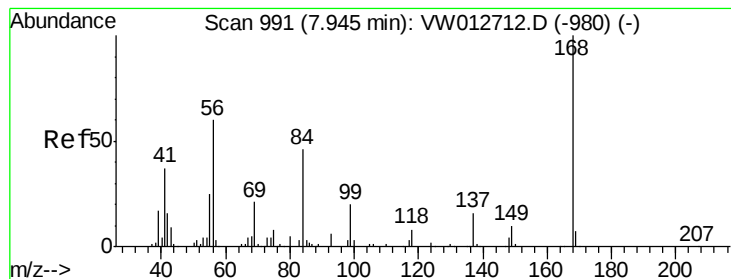
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091019\
Data File : VW012887.D
Acq On : 11 Sep 2019 00:10
Operator : SY/VA
Sample : K4664-01
Misc : 5.46G/5ML/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-03-090619

Quant Time: Sep 11 08:22:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 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: VW012887.D

Acq: 11 Sep 2019 00:10

Instrument :

MSVOA_W

ClientSampleId :

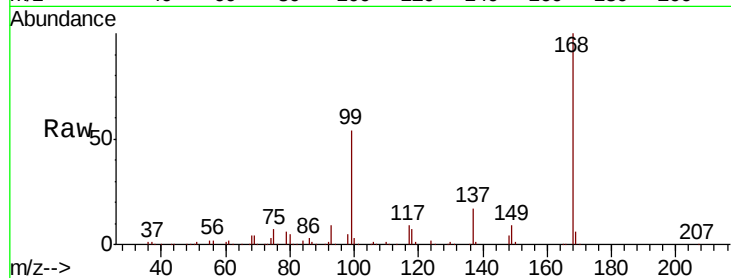
OR-03-090619

Tgt Ion:168 Resp: 246976

Ion Ratio Lower Upper

168 100

99 54.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

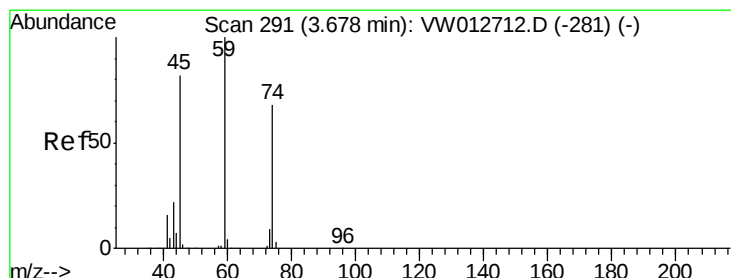
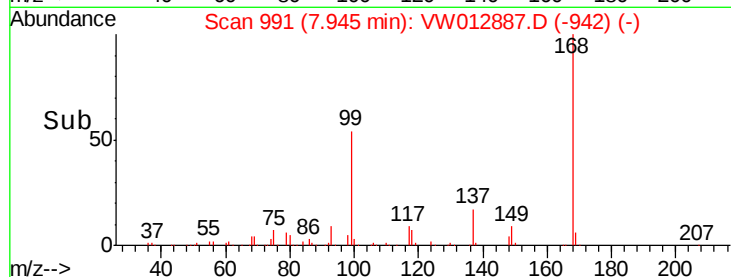
100000

50000

0

7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 2.148 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW012887.D

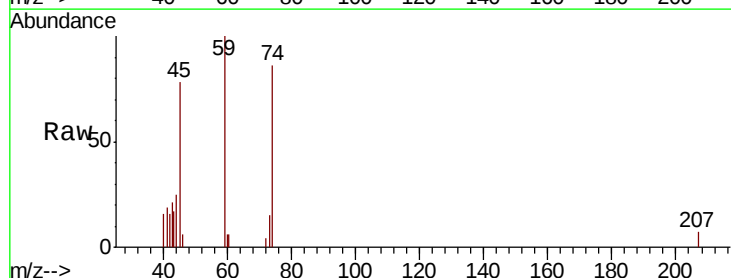
Acq: 11 Sep 2019 00:10

Tgt Ion: 74 Resp: 2486

Ion Ratio Lower Upper

74 100

45 114.4 58.8 176.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

1200

1000

800

600

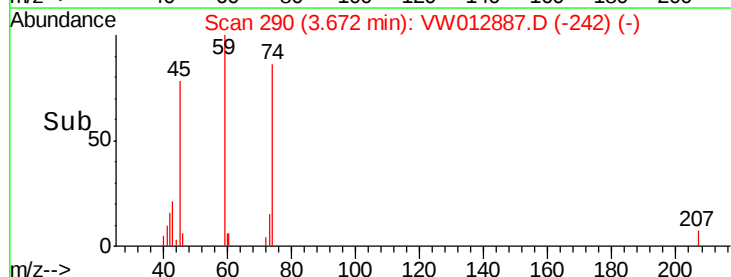
400

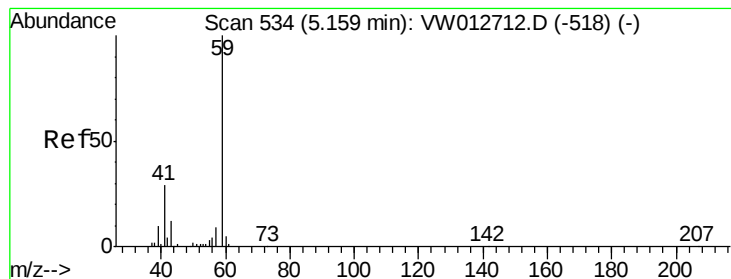
200

0

3.60 3.65 3.70 3.75

Time-->





#11

Tert butyl alcohol

Concen: 1.975 ug/l

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW012887.D

Acq: 11 Sep 2019 00:10

Instrument :

MSVOA_W

ClientSampled :

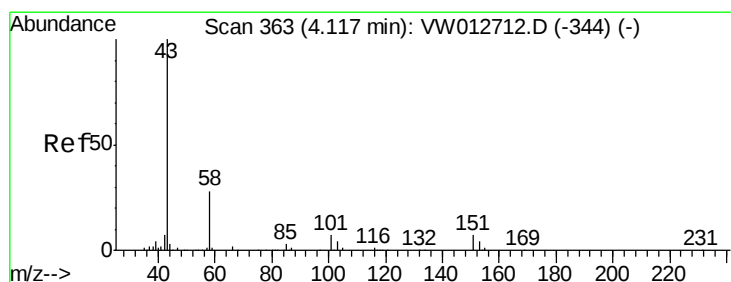
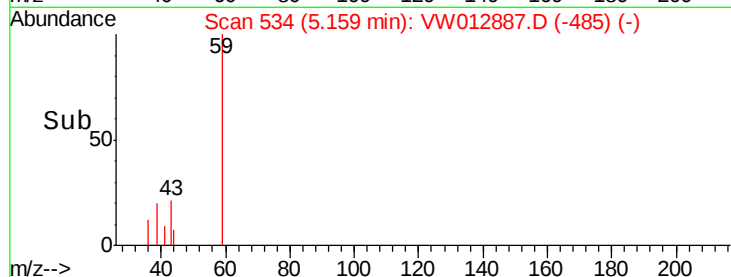
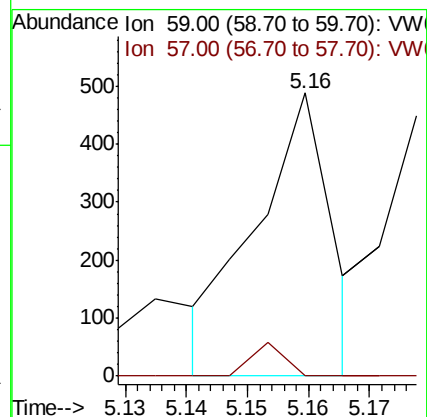
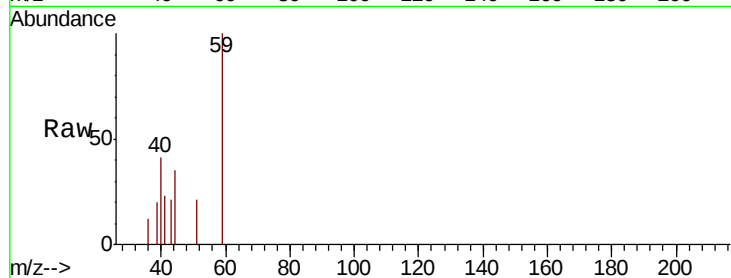
OR-03-090619

Tgt Ion: 59 Resp: 417

Ion Ratio Lower Upper

59 100

57 5.3 8.2 12.4#



#16

Acetone

Concen: 57.404 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012887.D

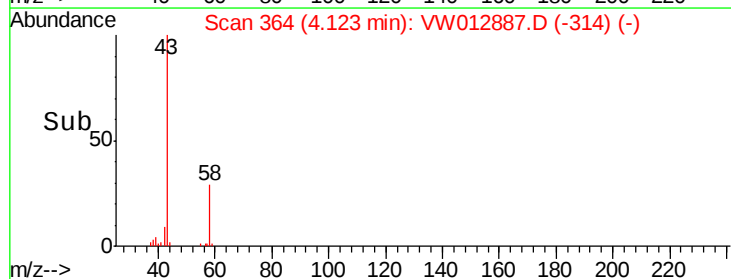
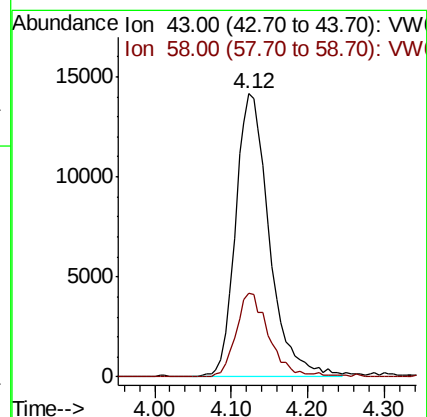
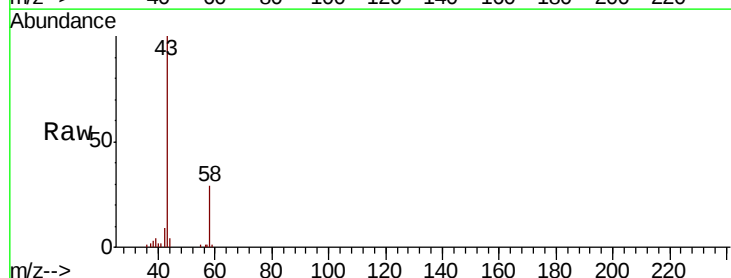
Acq: 11 Sep 2019 00:10

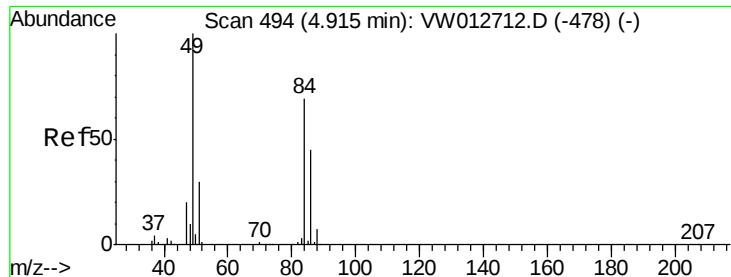
Tgt Ion: 43 Resp: 43185

Ion Ratio Lower Upper

43 100

58 29.7 22.6 33.8

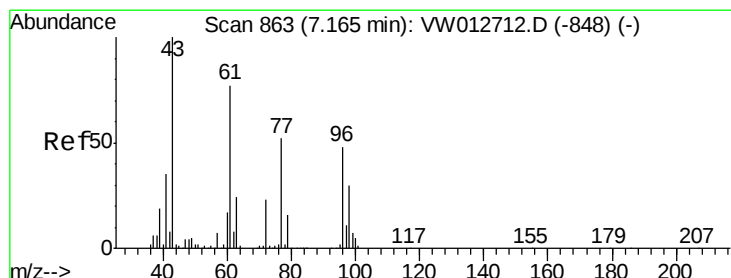
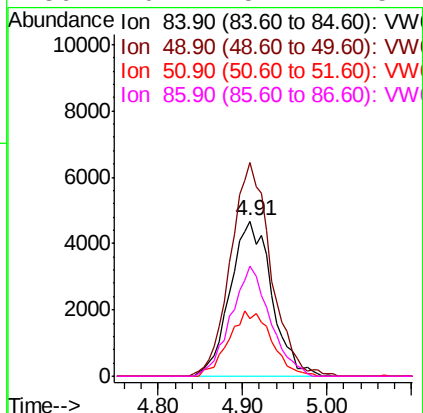
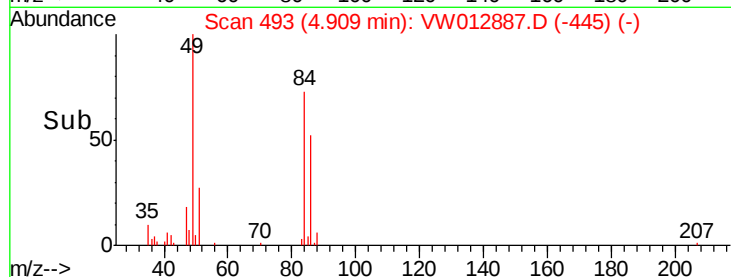
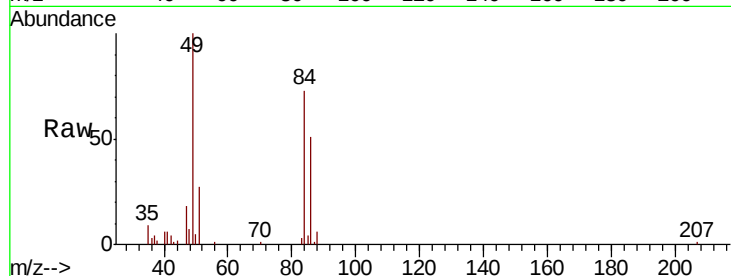




#20
Methylene Chloride
Concen: 6.683 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012887.D
Acq: 11 Sep 2019 00:10

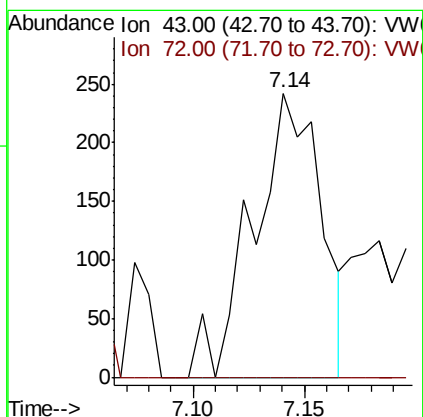
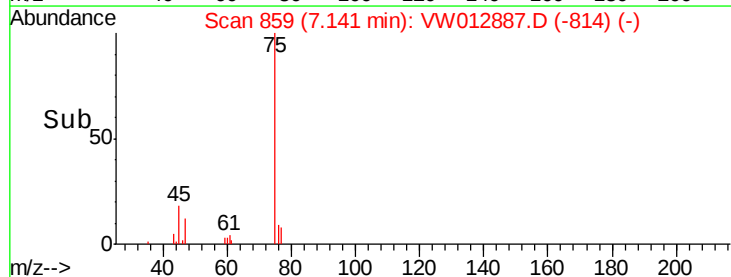
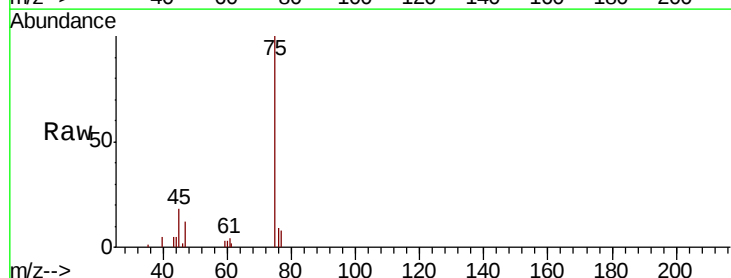
Instrument :
MSVOA_W
ClientSampleId :
OR-03-090619

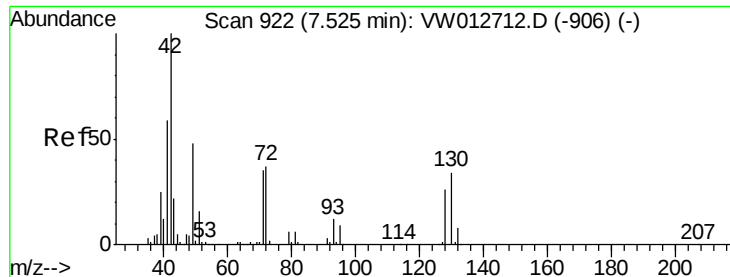
Tgt Ion: 84 Resp: 15728
Ion Ratio Lower Upper
84 100
49 137.6 115.4 173.0
51 37.4 34.9 52.3
86 70.7 52.2 78.4



#25
2-Butanone
Concen: 20.107 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW012887.D
Acq: 11 Sep 2019 00:10

Tgt Ion: 43 Resp: 513
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#

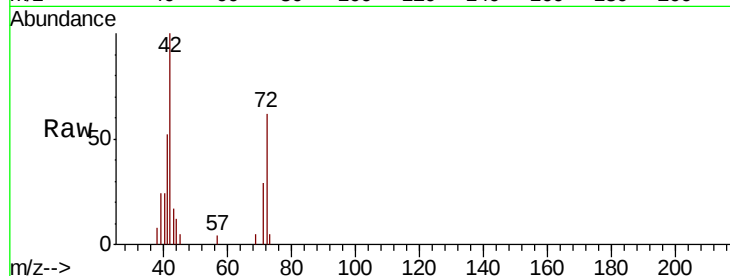




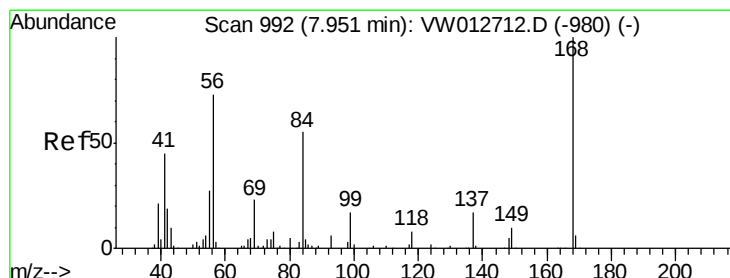
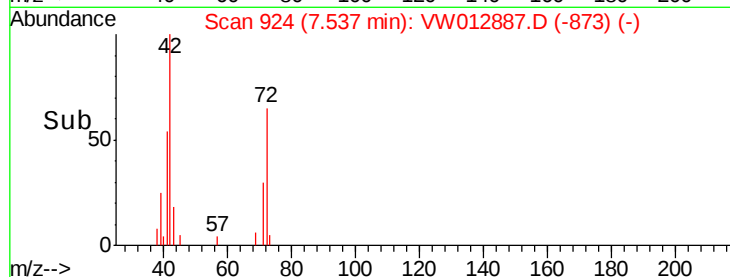
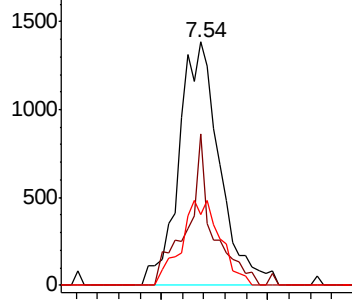
#29
Tetrahydrofuran
Concen: 6.122 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012887.D
Acq: 11 Sep 2019 00:10

Instrument :
MSVOA_W
ClientSampleId :
OR-03-090619

Tgt Ion: 42 Resp: 3719
Ion Ratio Lower Upper
42 100
72 38.8 28.4 42.6
71 33.5 27.1 40.7

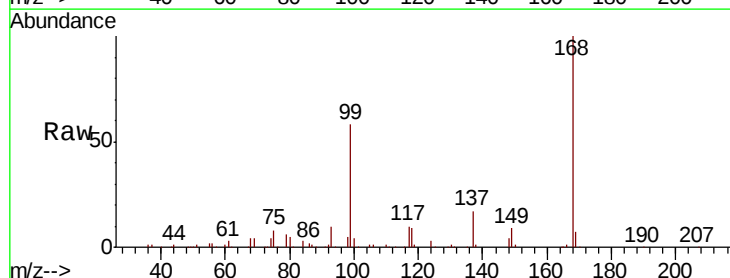


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

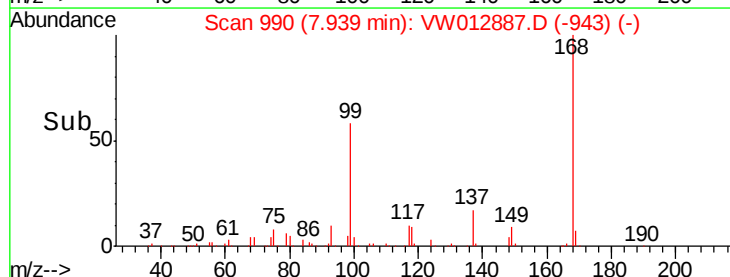
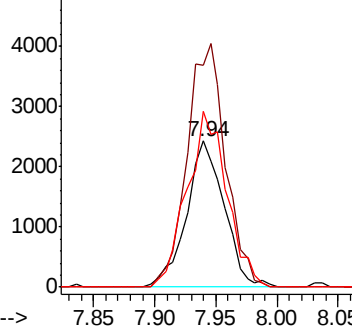


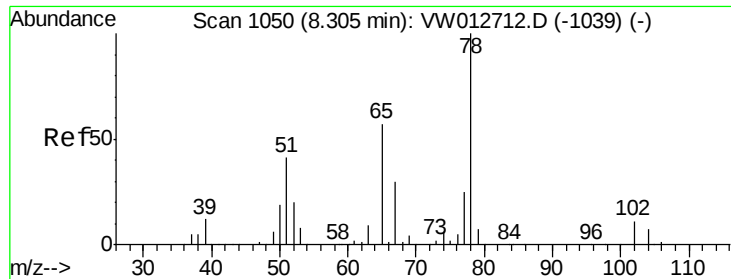
#31
Cyclohexane
Concen: 1.285 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW012887.D
Acq: 11 Sep 2019 00:10

Tgt Ion: 56 Resp: 5211
Ion Ratio Lower Upper
56 100
69 152.0 25.7 38.5#
84 120.1 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

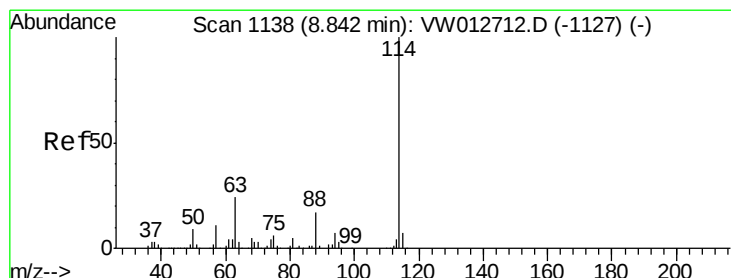
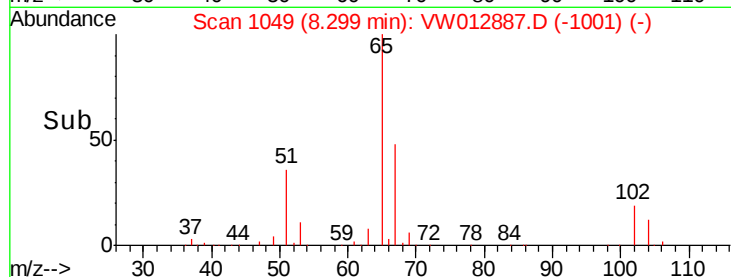
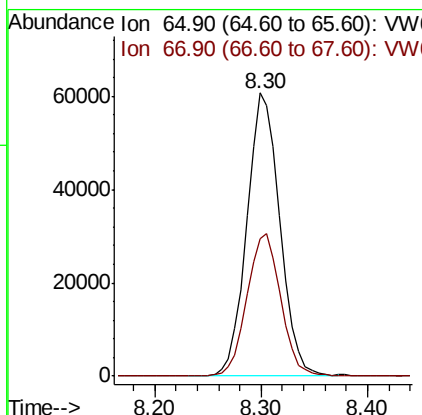
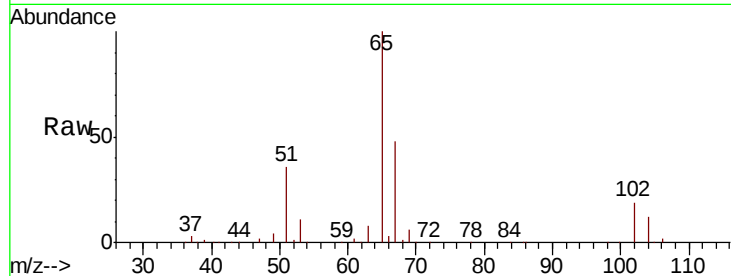




#33
 1,2-Dichloroethane-d4
 Concen: 47.925 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012887.D
 Acq: 11 Sep 2019 00:10

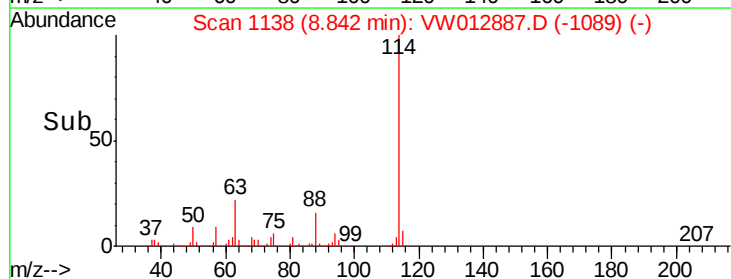
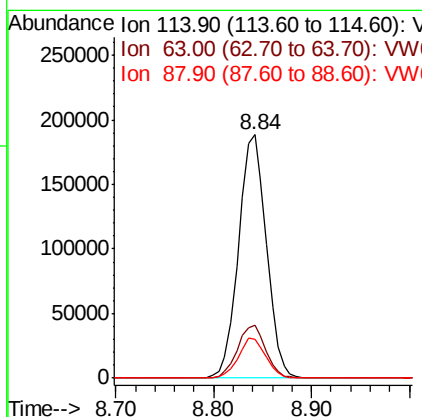
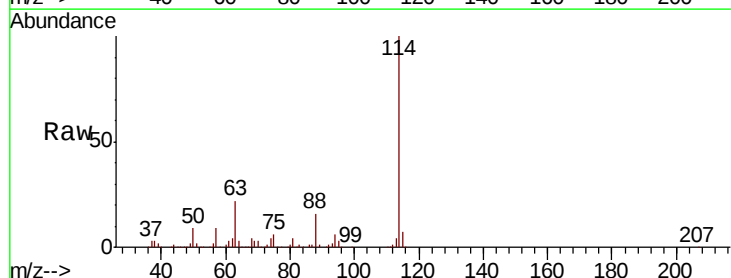
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-090619

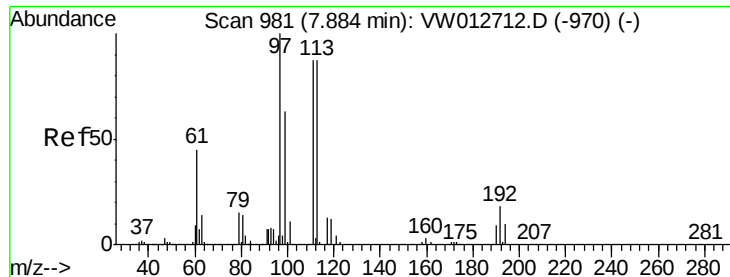
Tgt Ion: 65 Resp: 132252
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012887.D
 Acq: 11 Sep 2019 00:10

Tgt Ion: 114 Resp: 371849
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 47.2
 88 16.0 0.0 34.0

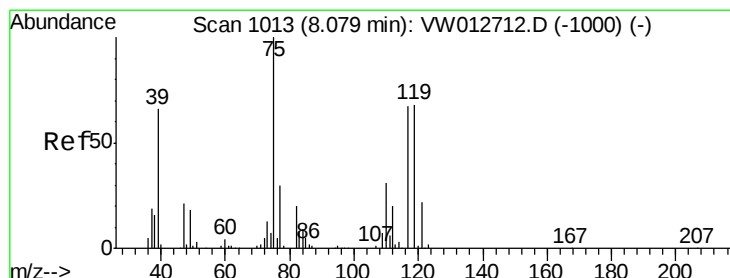
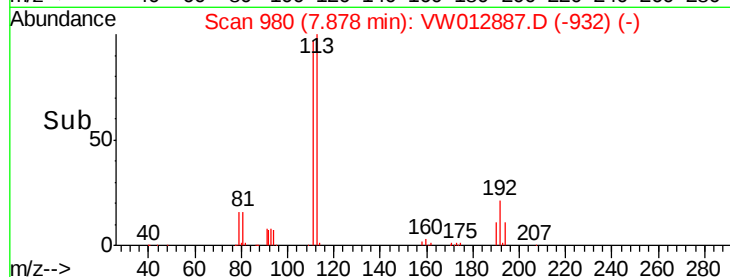
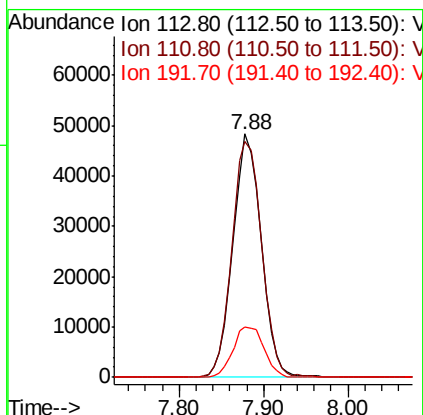
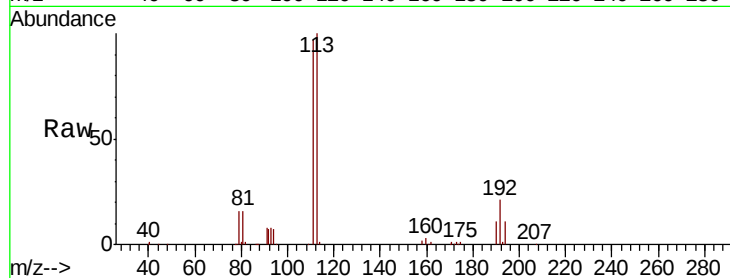




#35
 Dibromofluoromethane
 Concen: 49.733 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012887.D
 Acq: 11 Sep 2019 00:10

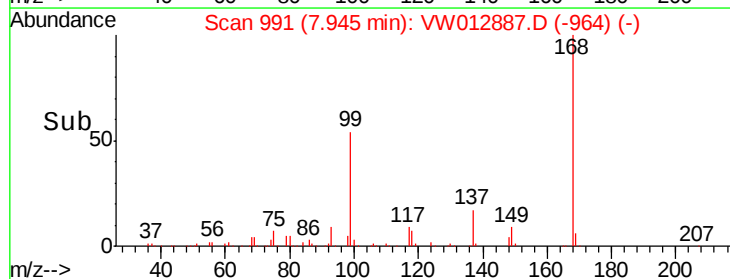
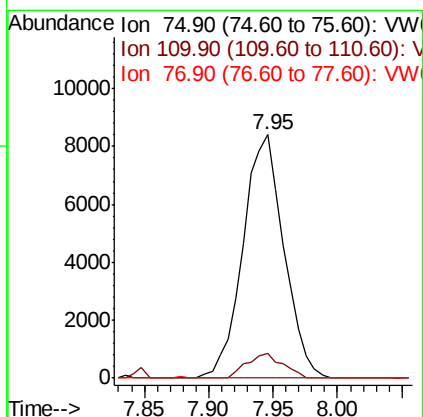
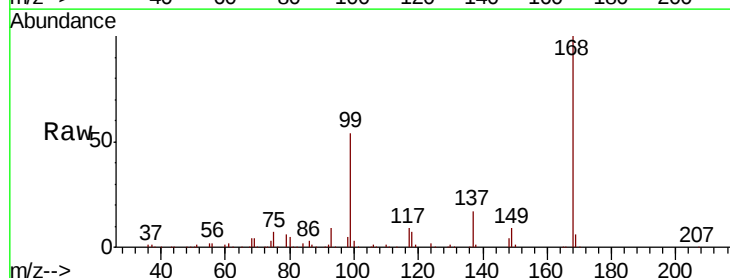
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-090619

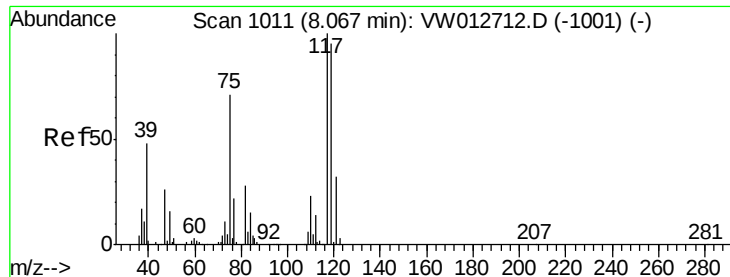
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.2	120.4
192	22.6	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 5.571 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012887.D
 Acq: 11 Sep 2019 00:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	15.9	47.7#
77	0.0	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 7.080 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012887.D

Acq: 11 Sep 2019 00:10

Instrument :

MSVOA_W

ClientSampleId :

OR-03-090619

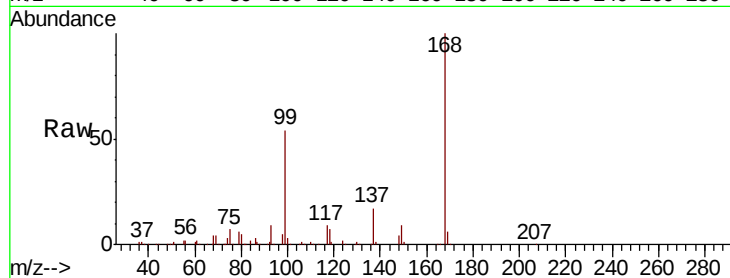
Tgt Ion:117 Resp: 23059

Ion Ratio Lower Upper

117 100

119 7.1 76.2 114.2#

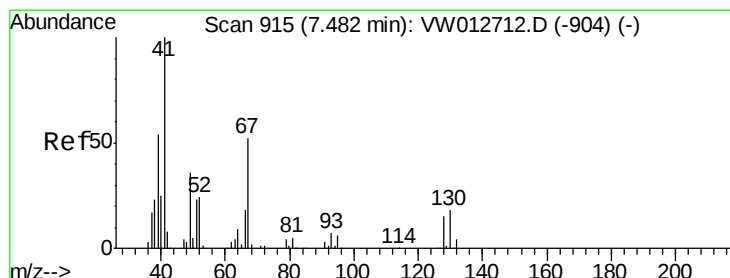
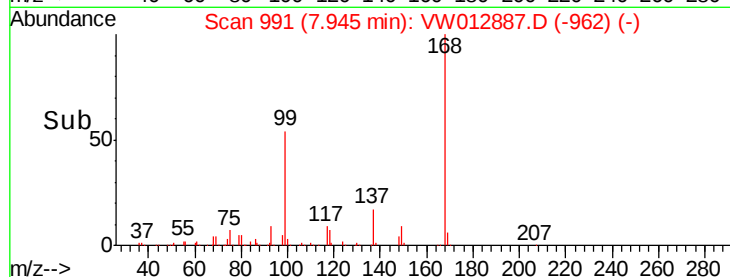
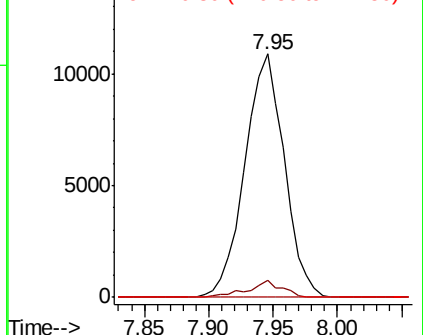
121 0.0 25.4 38.2#



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



#41

Methacrylonitrile

Concen: 5.244 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.04 min

Lab File: VW012887.D

Acq: 11 Sep 2019 00:10

Tgt Ion: 41 Resp: 2179

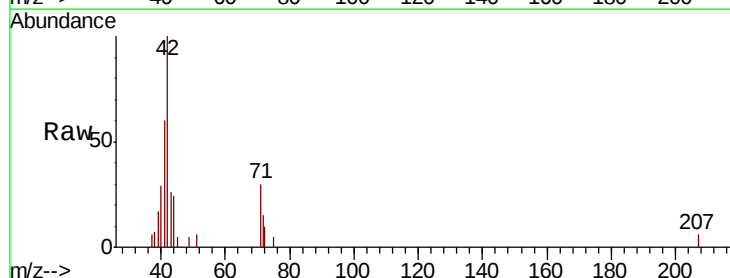
Ion Ratio Lower Upper

41 100

39 46.8 47.5 71.3#

67 0.0 45.1 67.7#

52 0.0 20.2 30.2#

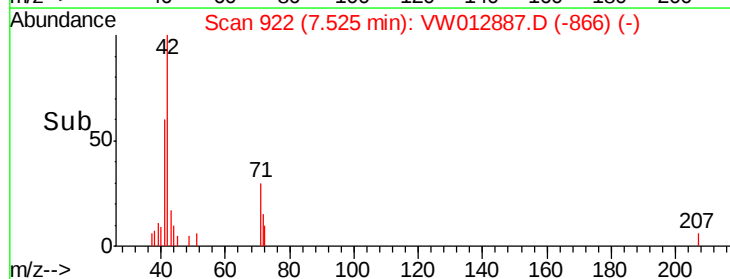
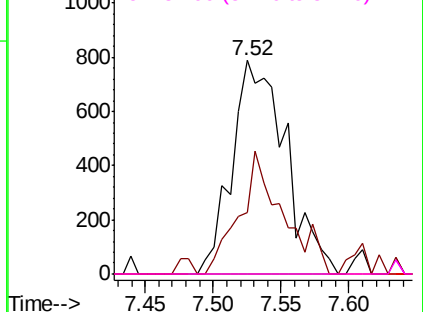


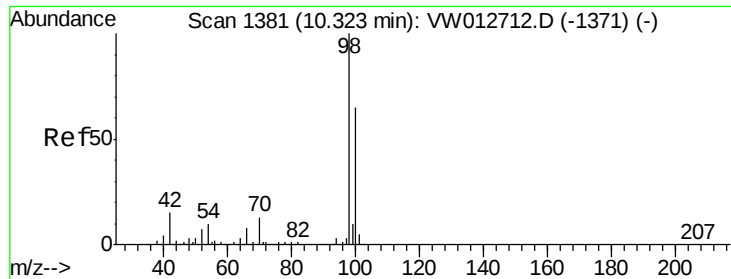
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW





#50

Toluene-d8

Concen: 50.889 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012887.D

Acq: 11 Sep 2019 00:10

Instrument :

MSVOA_W

ClientSampleId :

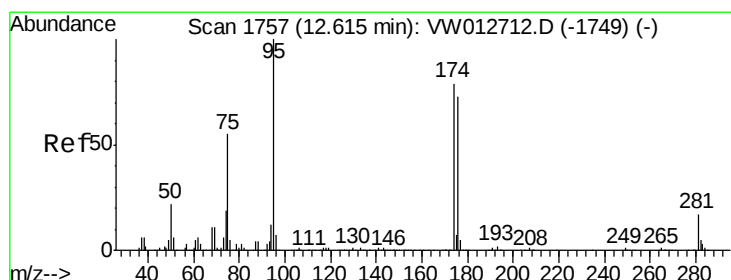
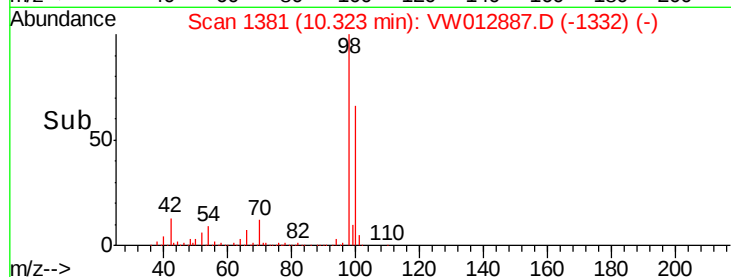
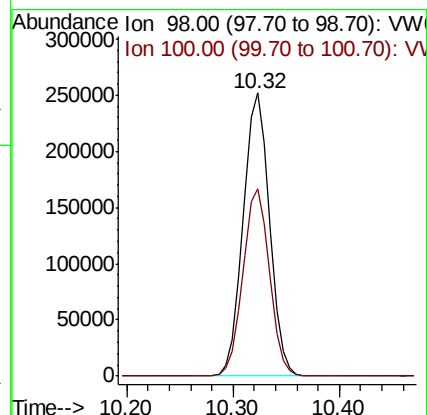
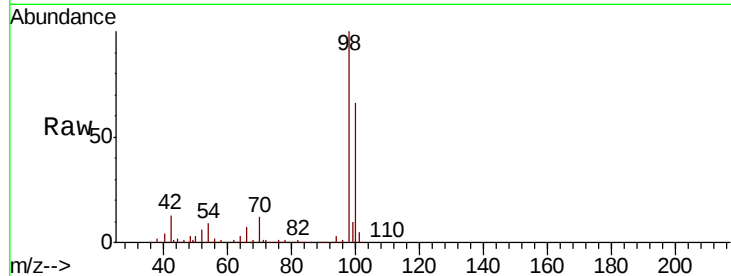
OR-03-090619

Tgt Ion: 98 Resp: 440755

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 43.692 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012887.D

Acq: 11 Sep 2019 00:10

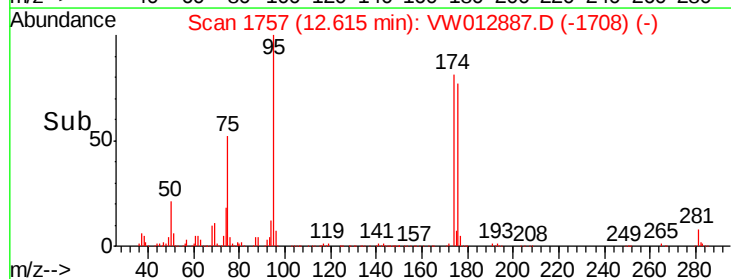
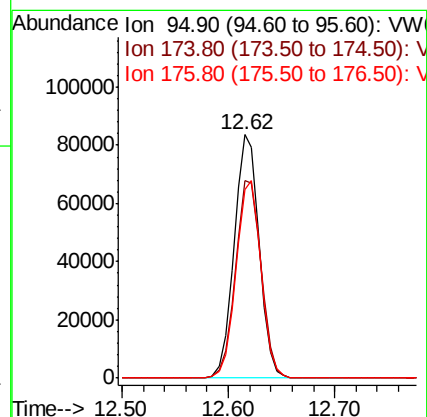
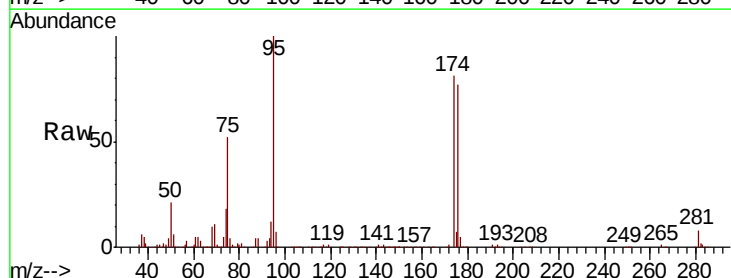
Tgt Ion: 95 Resp: 137381

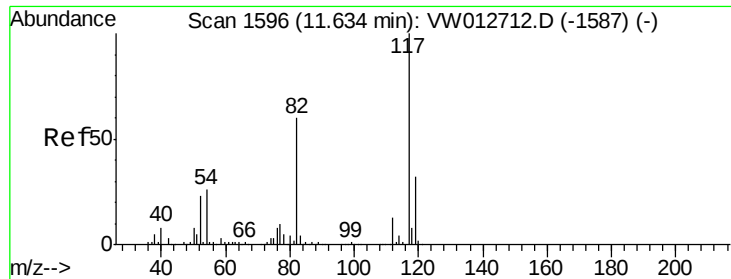
Ion Ratio Lower Upper

95 100

174 83.5 0.0 161.0

176 81.3 0.0 156.4

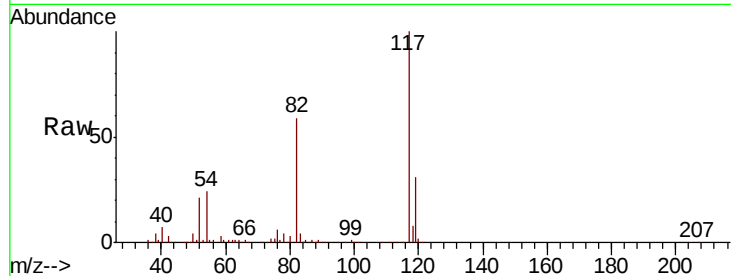




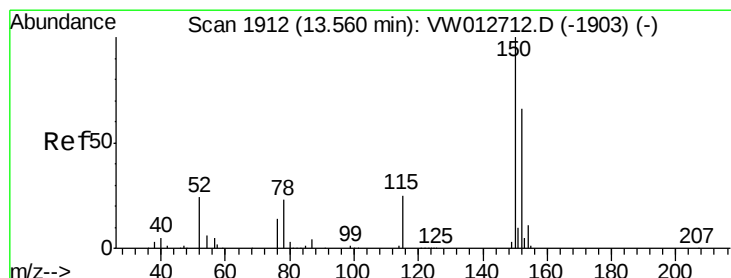
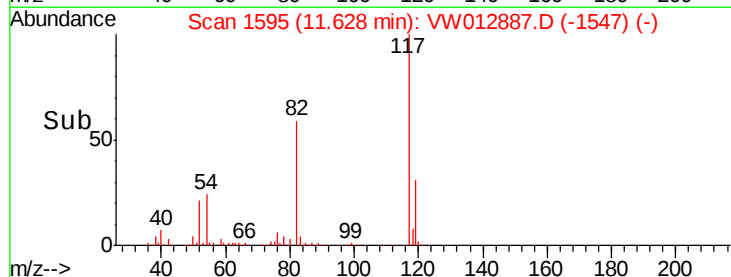
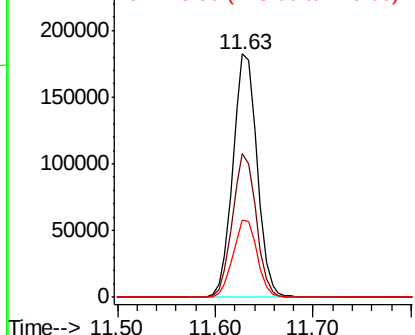
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012887.D
Acq: 11 Sep 2019 00:10

Instrument :
MSVOA_W
ClientSampleId :
OR-03-090619

Tgt Ion:117 Resp: 312894
Ion Ratio Lower Upper
117 100
82 59.1 48.2 72.4
119 31.5 25.8 38.6

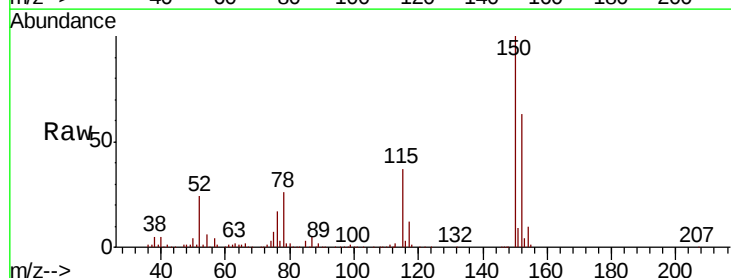


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

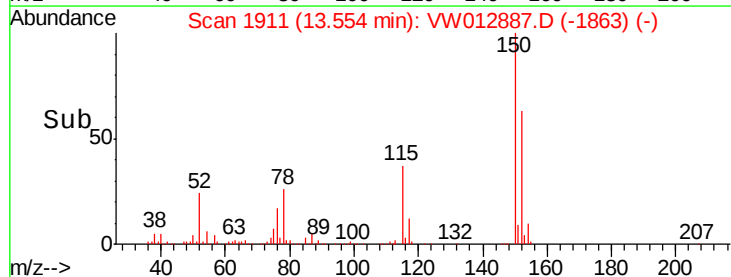
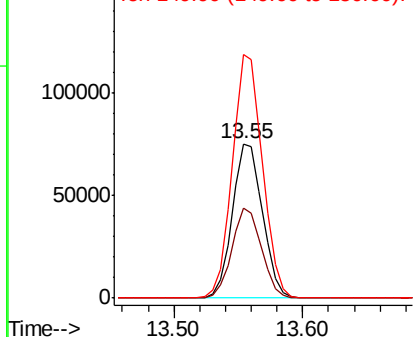


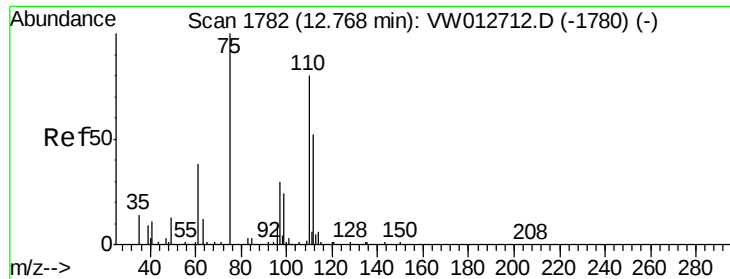
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012887.D
Acq: 11 Sep 2019 00:10

Tgt Ion:152 Resp: 122028
Ion Ratio Lower Upper
152 100
115 57.3 30.0 90.1
150 158.2 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

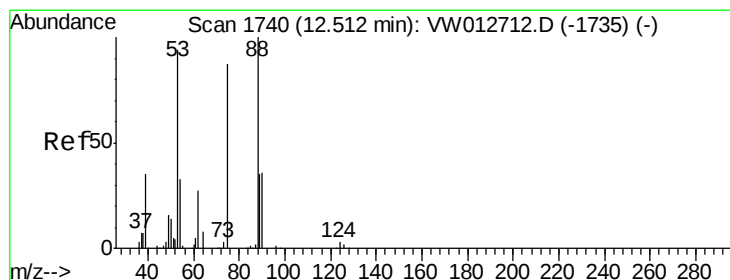
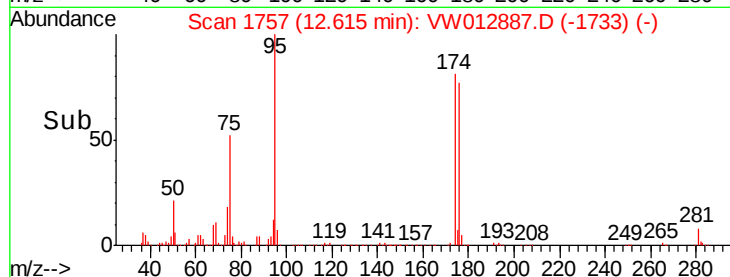
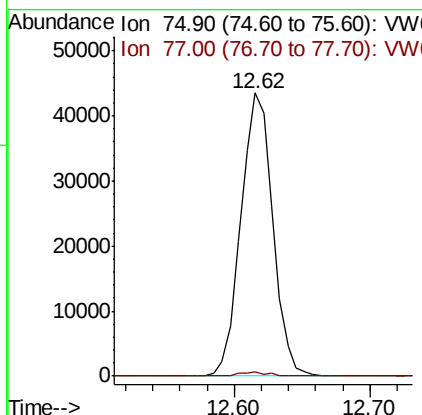
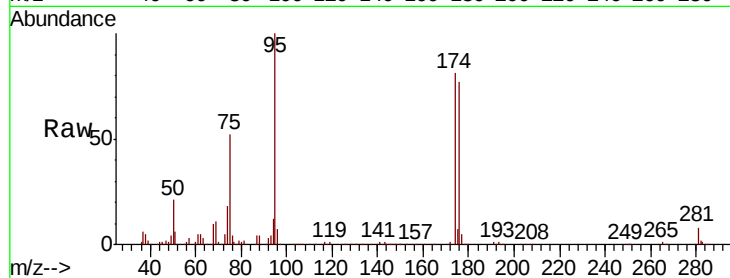




#76
 1,2,3-Trichloropropane
 Concen: 57.052 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012887.D
 Acq: 11 Sep 2019 00:10

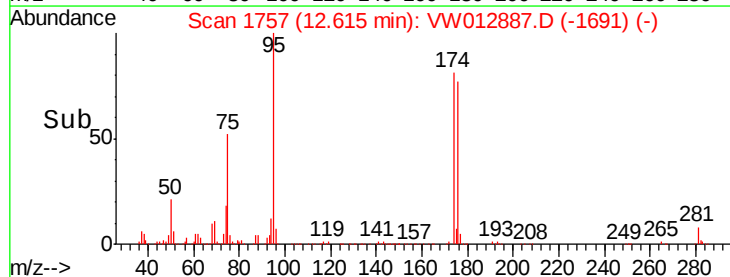
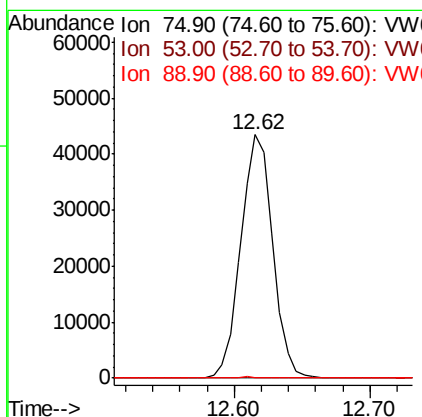
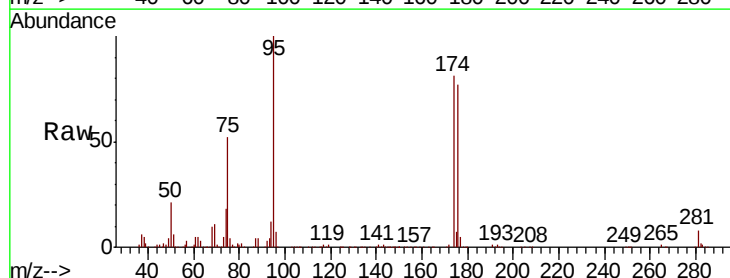
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-090619

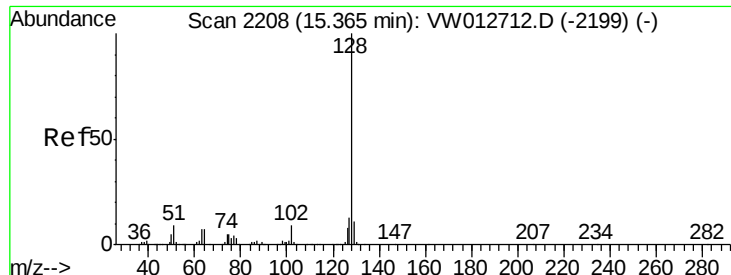
Tgt Ion: 75 Resp: 71189
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.669 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012887.D
 Acq: 11 Sep 2019 00:10

Tgt Ion: 75 Resp: 71189
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.6 131.4#
 89 0.1 35.5 53.3#





#95

Naphthalene

Concen: 4.597 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW012887.D

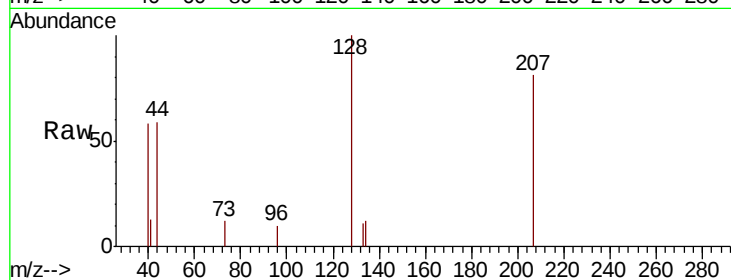
Acq: 11 Sep 2019 00:10

Instrument :

MSVOA_W

ClientSampleId :

OR-03-090619



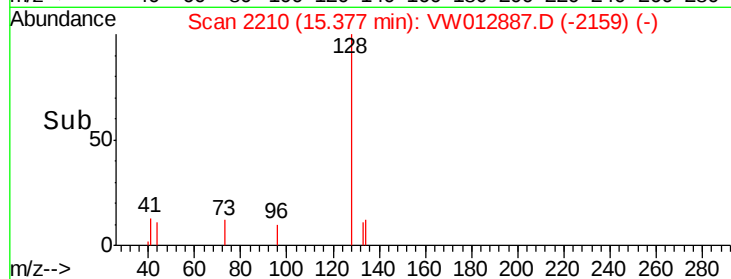
Tgt Ion:128 Resp: 889

Ion Ratio Lower Upper

128 100

127 2.9 10.7 16.1#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

