

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091019\
 Data File : VW012900.D
 Acq On : 11 Sep 2019 05:47
 Operator : SY/VA
 Sample : K4680-06
 Misc : 4.48G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-4-(0)

Quant Time: Sep 11 08:25:18 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	239363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	368013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	95555	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	130312	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
35) Dibromofluoromethane	7.88	113	106207	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
50) Toluene-d8	10.32	98	437087	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.62	95	120278	38.65	ug/l	0.00
Spiked Amount			Recovery	=	77.30%	

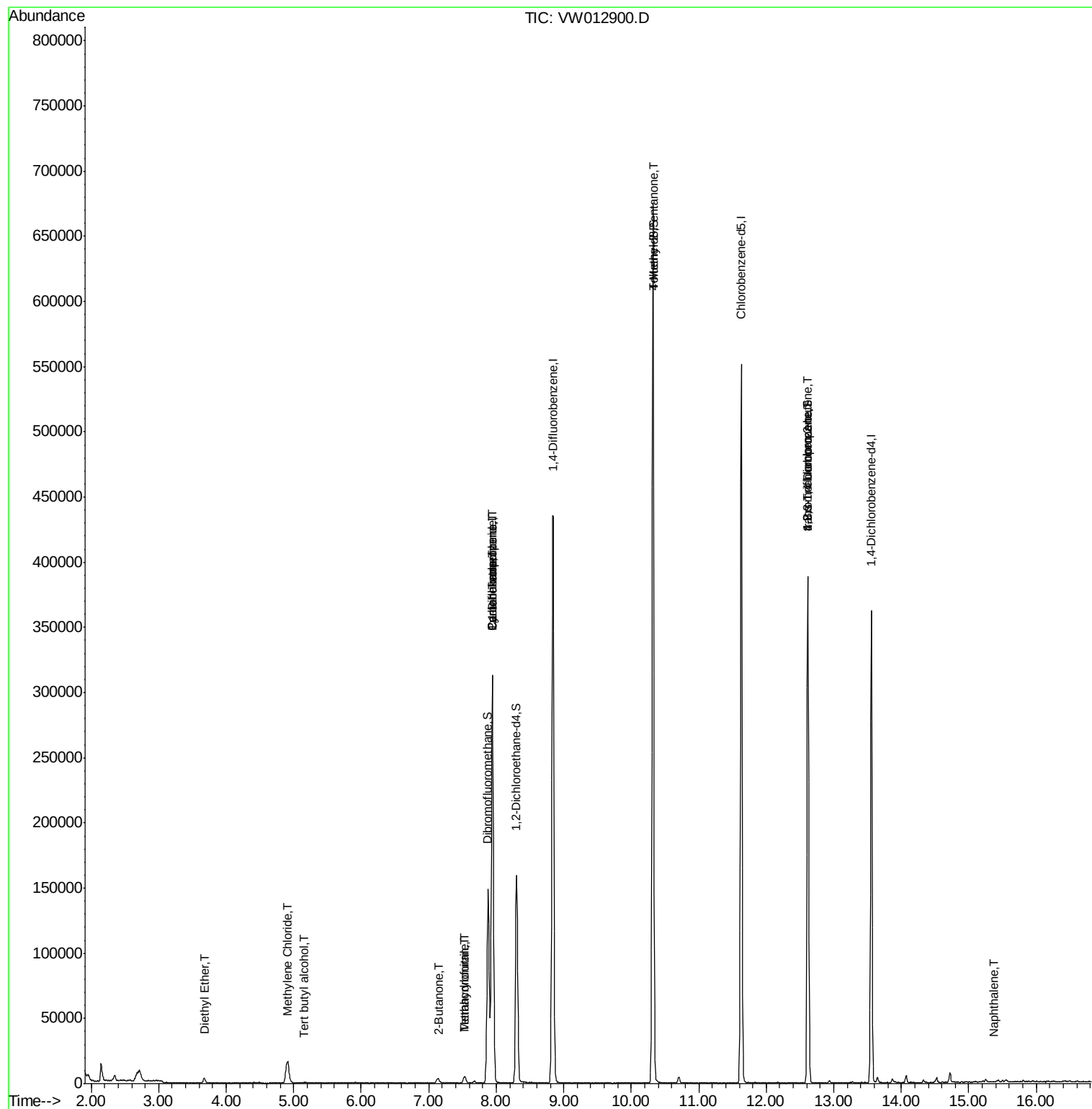
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1888	1.683	ug/l	97
11) Tert butyl alcohol	5.16	59	575	2.810	ug/l #	72
20) Methylene Chloride	4.90	84	13169	5.773	ug/l	88
25) 2-Butanone	7.15	43	135	19.796	ug/l #	53
29) Tetrahydrofuran	7.53	42	4142	7.035	ug/l	93
31) Cyclohexane	7.95	56	5279	1.343	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	18159	5.553	ug/l #	51
38) Carbon Tetrachloride	7.95	117	23710	7.356	ug/l #	16
41) Methacrylonitrile	7.53	41	2982	5.782	ug/l #	53
51) 4-Methyl-2-Pentanone	10.32	43	2319	1.119	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	63825	65.321	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	63825	138.159	ug/l #	6
95) Naphthalene	15.37	128	74	4.456	ug/l #	69

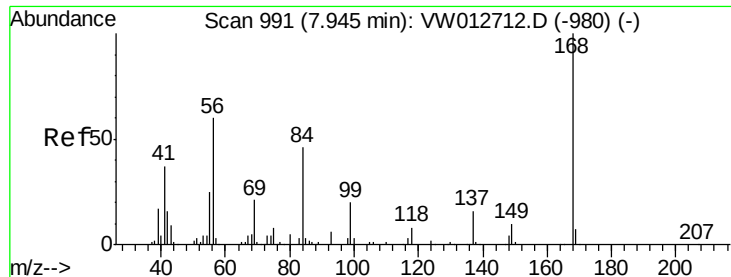
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091019\
Data File : VW012900.D
Acq On : 11 Sep 2019 05:47
Operator : SY/VA
Sample : K4680-06
Misc : 4.48G/5ML/MSVOA_W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T1-4-(0)

Quant Time: Sep 11 08:25:18 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: VW012900.D

Acq: 11 Sep 2019 05:47

Instrument :

MSVOA_W

ClientSampleId :

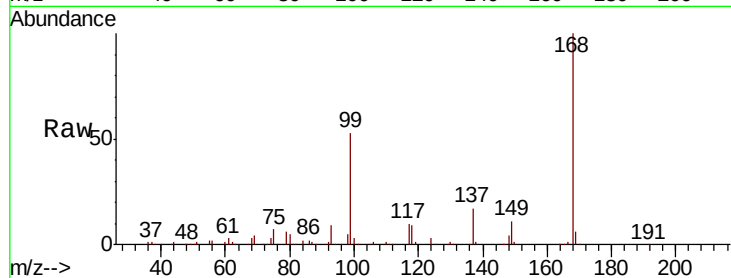
T1-4-(0)

Tgt Ion:168 Resp: 239363

Ion Ratio Lower Upper

168 100

99 53.4 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

120000

100000

80000

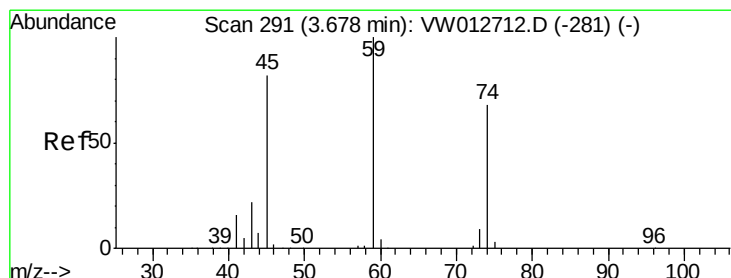
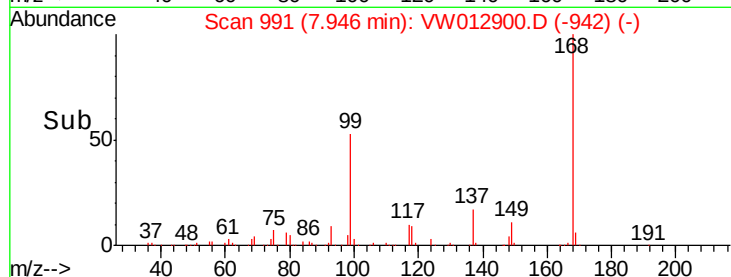
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.683 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VW012900.D

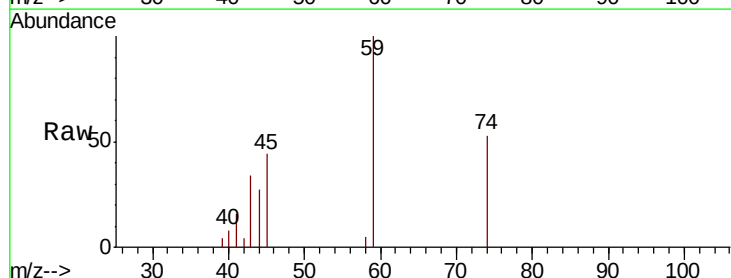
Acq: 11 Sep 2019 05:47

Tgt Ion: 74 Resp: 1888

Ion Ratio Lower Upper

74 100

45 114.6 58.8 176.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

1200

1000

800

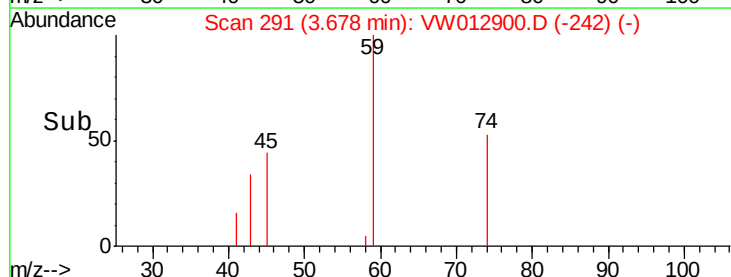
600

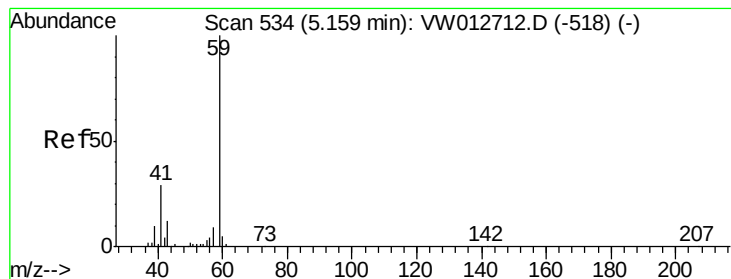
400

200

0

Time-->



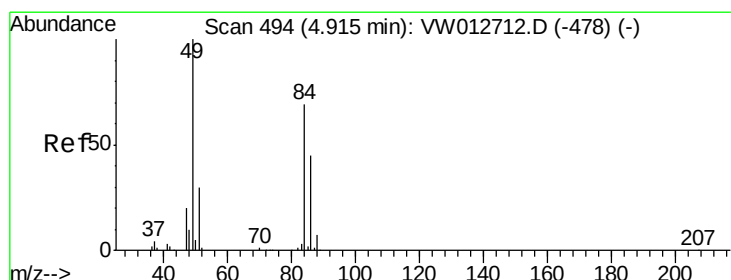
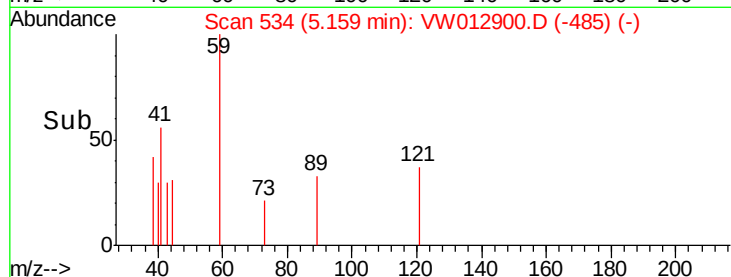
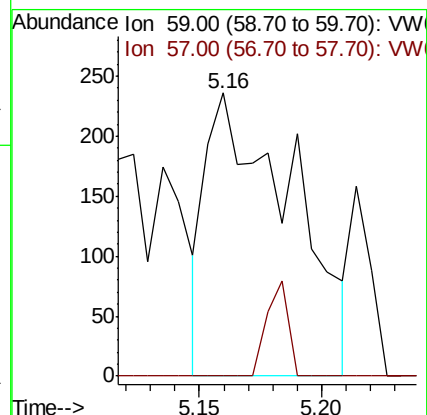
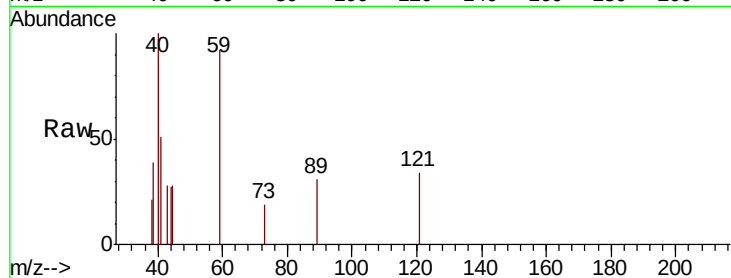


#11

Tert butyl alcohol
 Concen: 2.810 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW012900.D
 Acq: 11 Sep 2019 05:47

Instrument :
 MSVOA_W
 ClientSampled :
 T1-4(0)

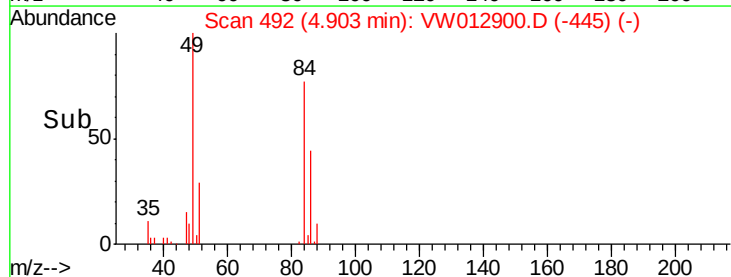
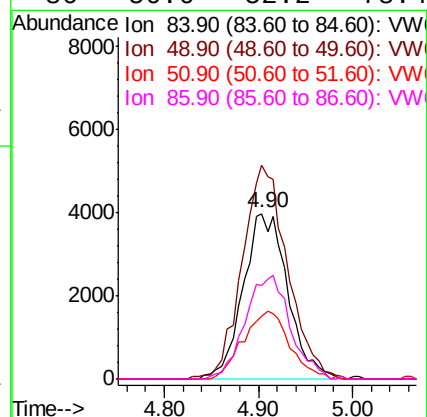
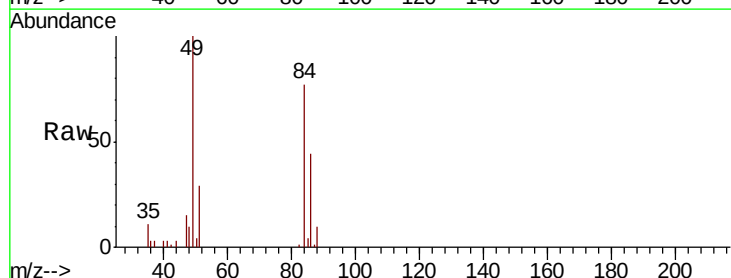
Tgt Ion: 59 Resp: 575
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

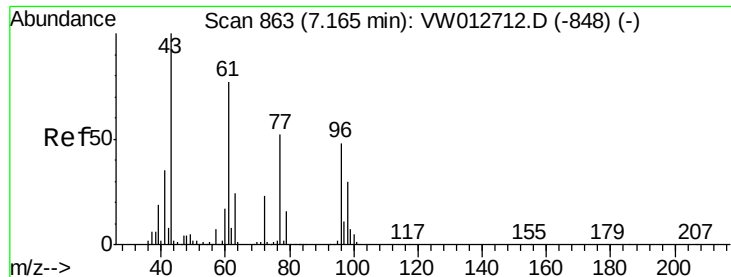


#20

Methylene Chloride
 Concen: 5.773 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW012900.D
 Acq: 11 Sep 2019 05:47

Tgt Ion: 84 Resp: 13169
 Ion Ratio Lower Upper
 84 100
 49 127.4 115.4 173.0
 51 37.9 34.9 52.3
 86 56.6 52.2 78.4

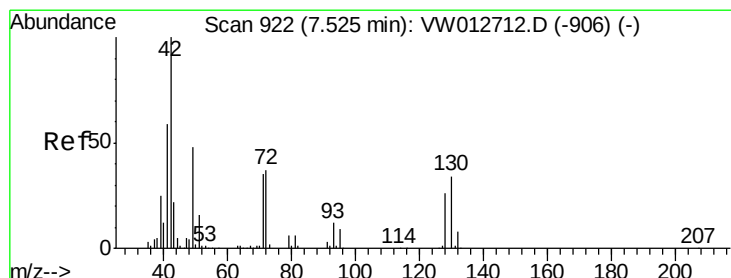
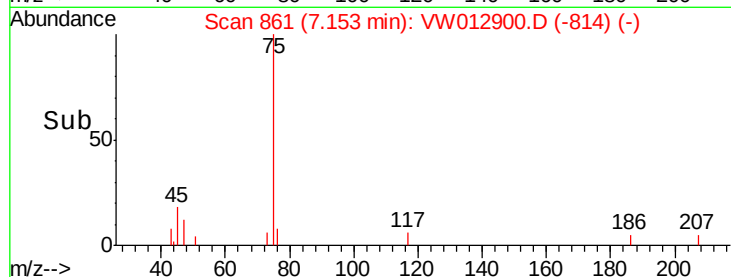
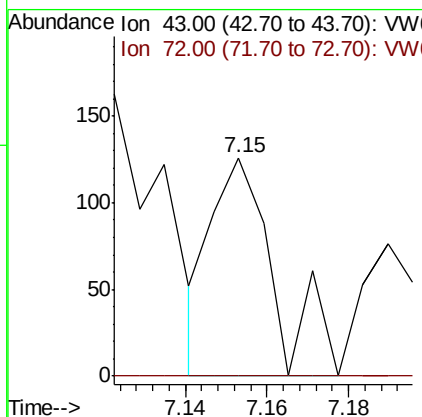
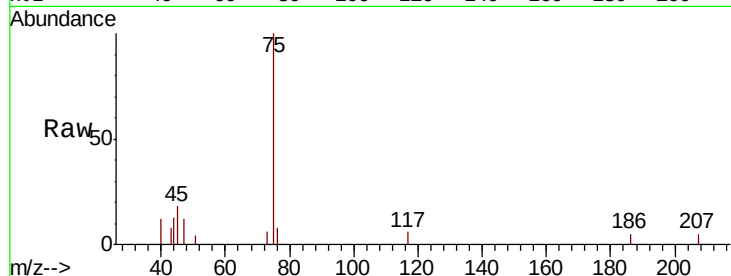




#25
 2-Butanone
 Concen: 19.796 ug/l
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VW012900.D
 Acq: 11 Sep 2019 05:47

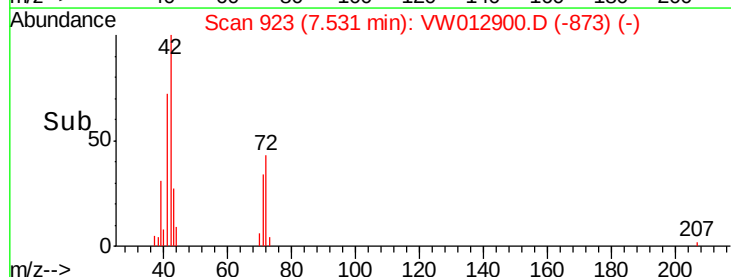
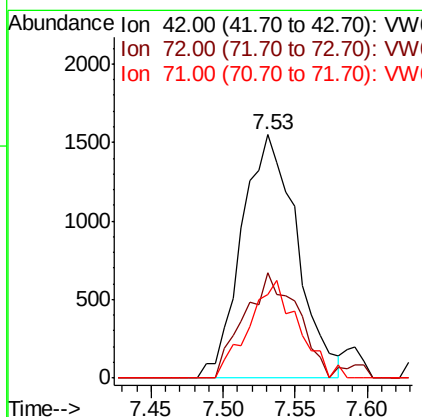
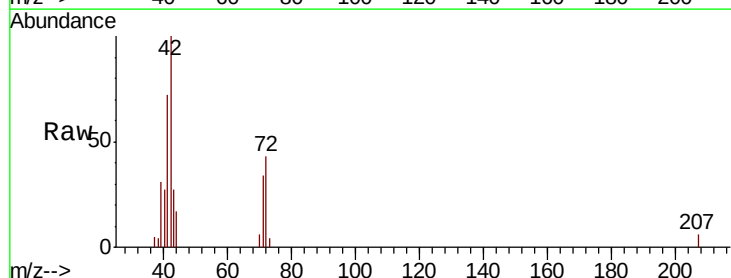
Instrument :
 MSVOA_W
 ClientSampled :
 T1-4-(0)

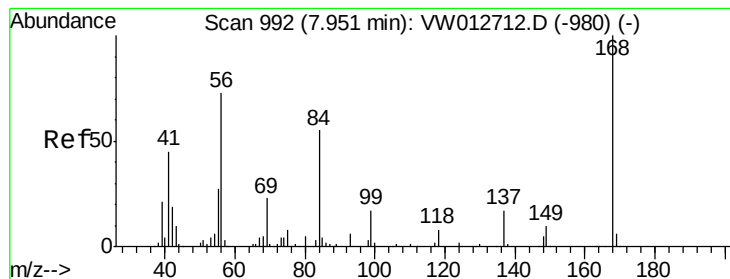
Tgt Ion: 43 Resp: 135
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.0 27.0#



#29
 Tetrahydrofuran
 Concen: 7.035 ug/l
 RT: 7.53 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VW012900.D
 Acq: 11 Sep 2019 05:47

Tgt Ion: 42 Resp: 4142
 Ion Ratio Lower Upper
 42 100
 72 41.5 28.4 42.6
 71 35.8 27.1 40.7





#31

Cyclohexane

Concen: 1.343 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012900.D

Acq: 11 Sep 2019 05:47

Instrument :

MSVOA_W

ClientSampled :

T1-4-(0)

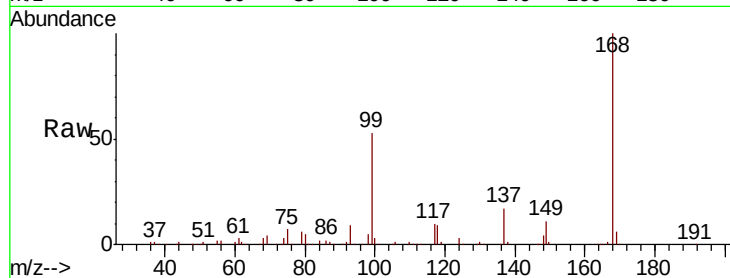
Tgt Ion: 56 Resp: 5279

Ion Ratio Lower Upper

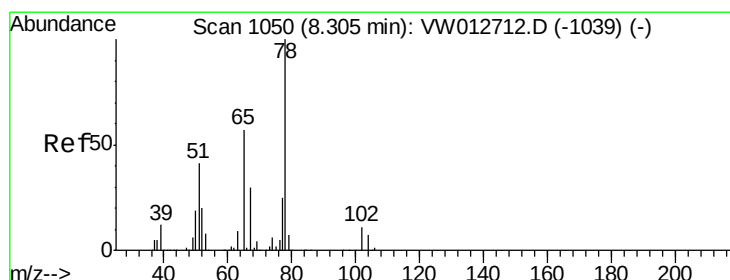
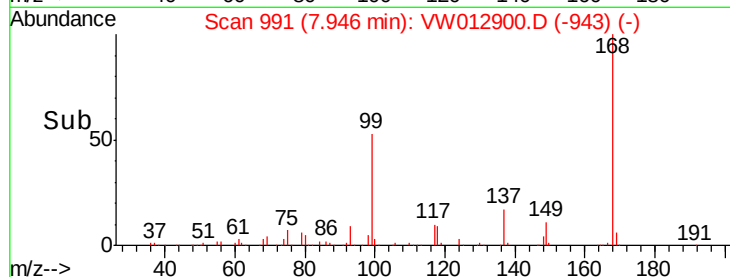
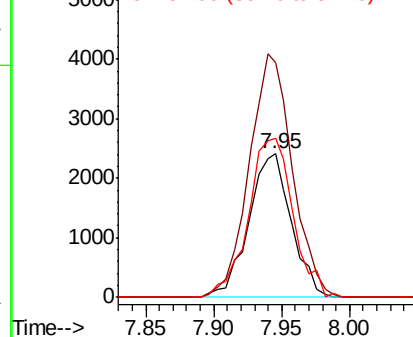
56 100

69 163.9 25.7 38.5#

84 110.9 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: 48.724 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012900.D

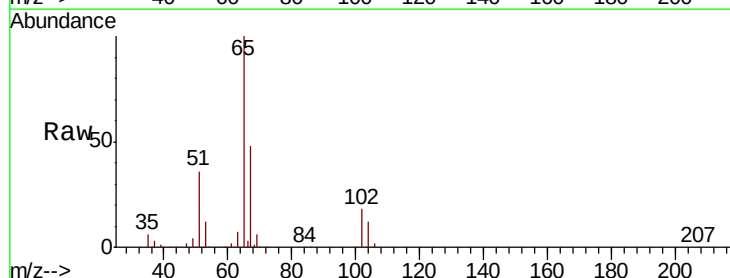
Acq: 11 Sep 2019 05:47

Tgt Ion: 65 Resp: 130312

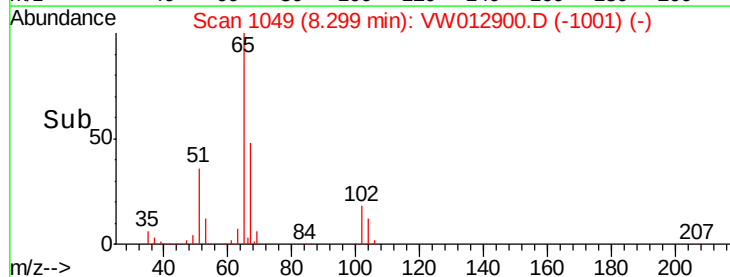
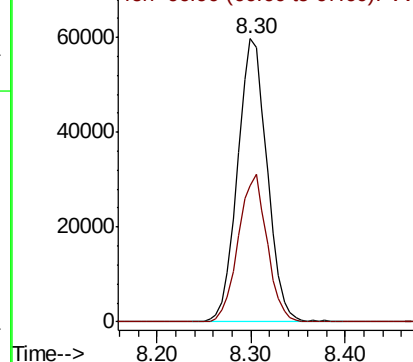
Ion Ratio Lower Upper

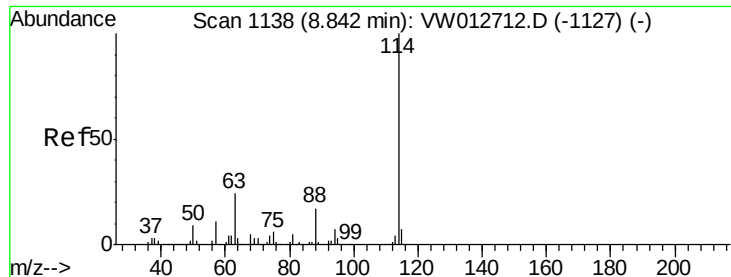
65 100

67 50.9 0.0 101.8



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

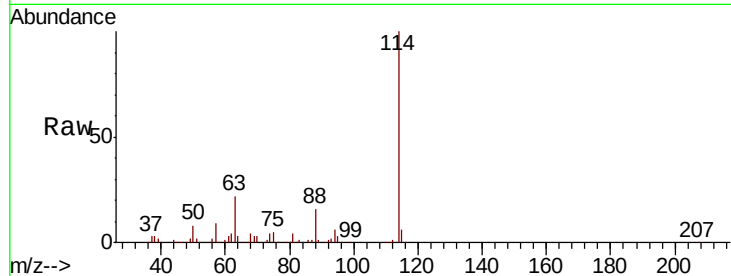




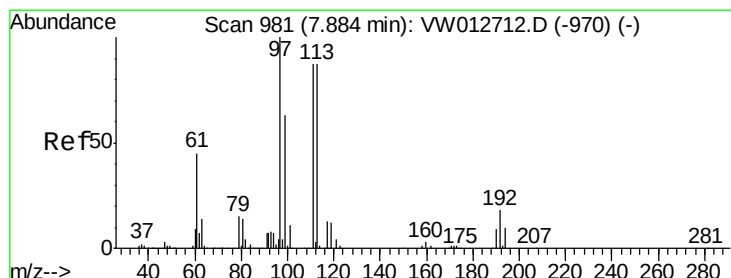
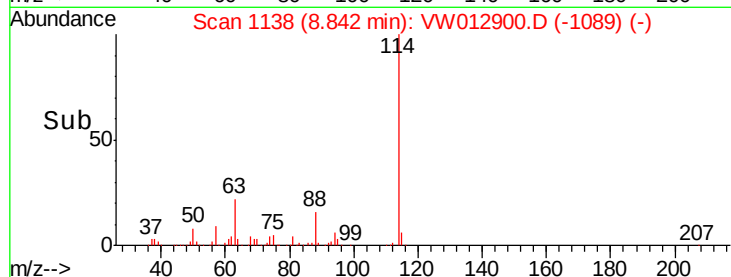
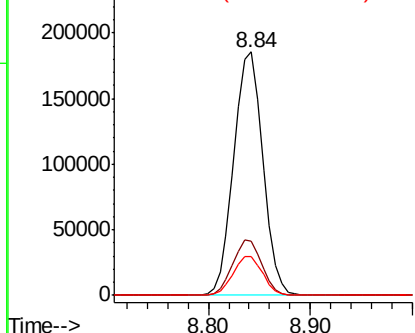
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012900.D
 Acq: 11 Sep 2019 05:47

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-4-(0)

Tgt Ion:114 Resp: 368013
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 47.2
 88 16.0 0.0 34.0

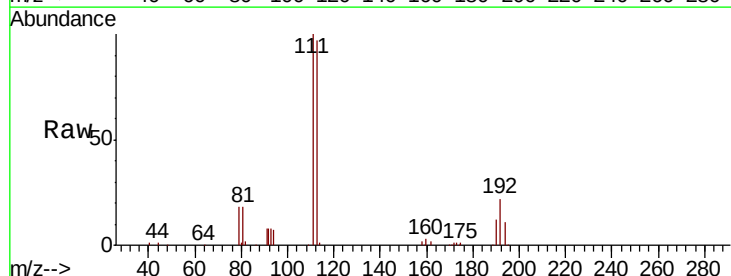


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

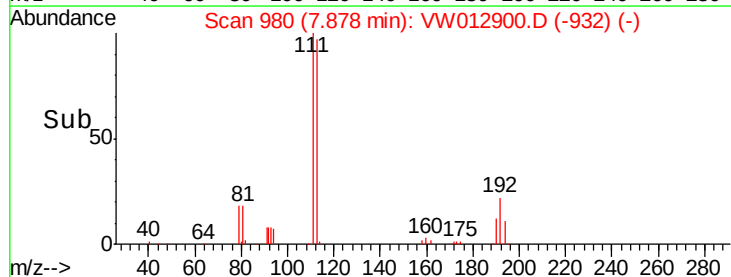
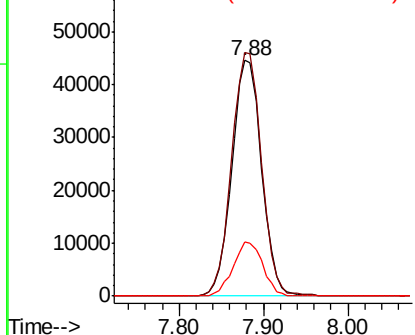


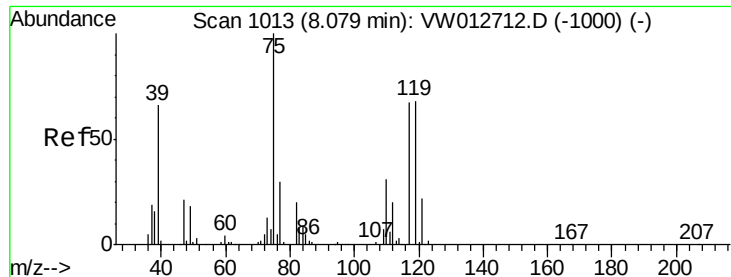
#35
 Dibromofluoromethane
 Concen: 48.542 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012900.D
 Acq: 11 Sep 2019 05:47

Tgt Ion:113 Resp: 106207
 Ion Ratio Lower Upper
 113 100
 111 104.2 80.2 120.4
 192 22.8 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

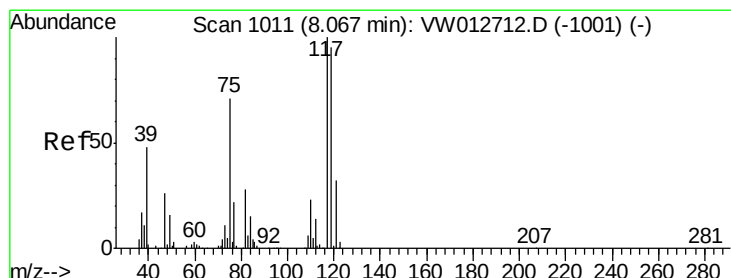
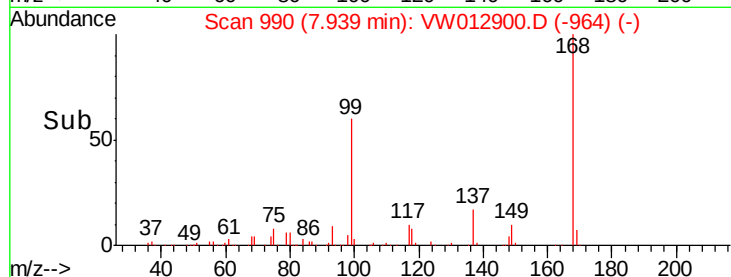
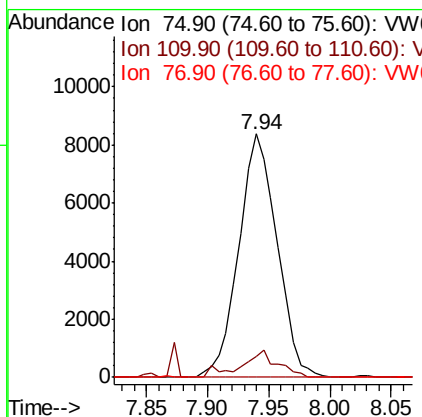
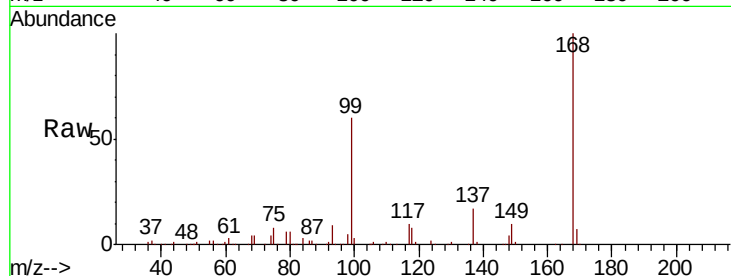




#36
 1,1-Dichloropropene
 Concen: 5.553 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012900.D
 Acq: 11 Sep 2019 05:47

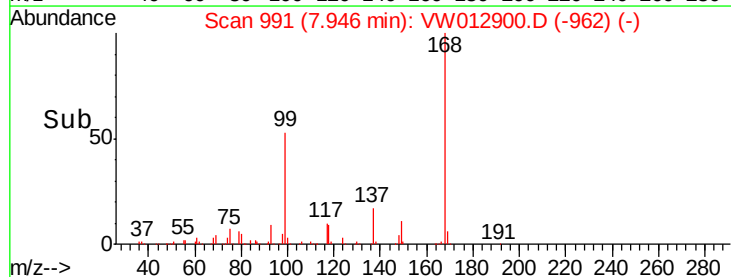
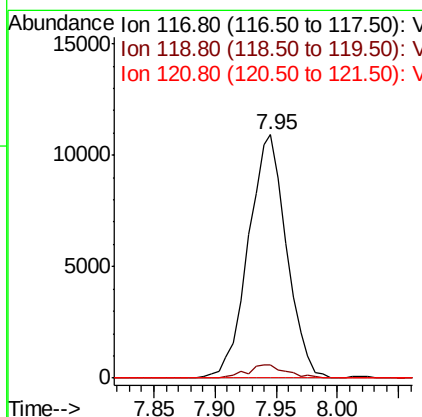
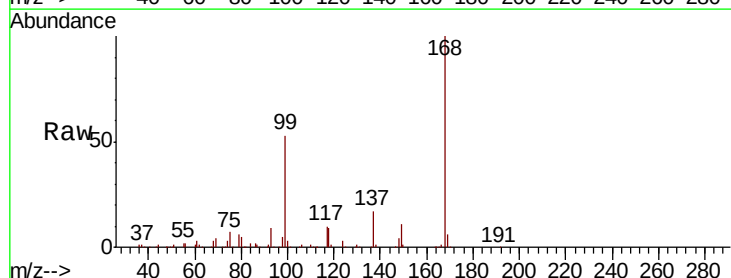
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-4-(0)

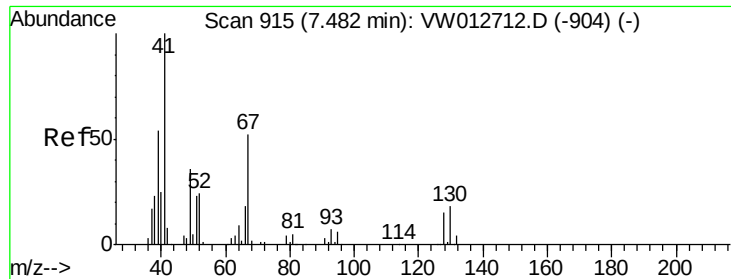
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	15.9	47.7#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 7.356 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012900.D
 Acq: 11 Sep 2019 05:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.2	114.2#
121	0.0	25.4	38.2#

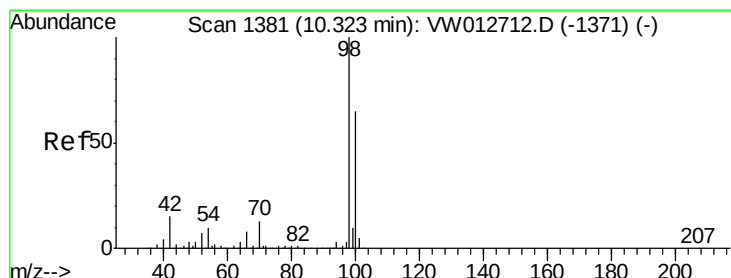
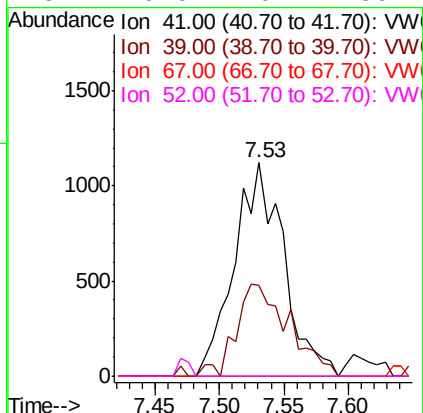
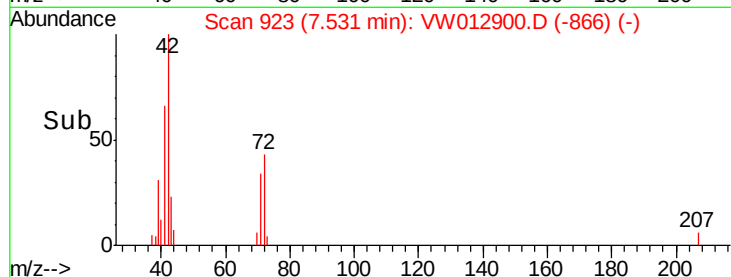
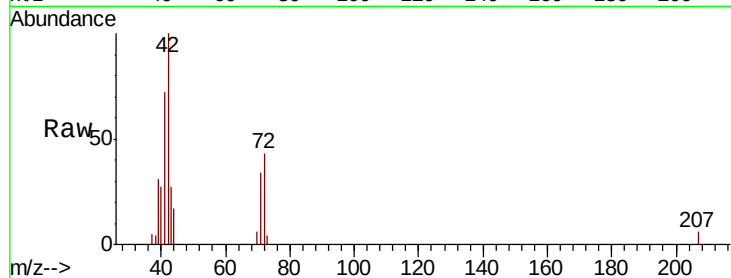




#41
Methacrylonitrile
Concen: 5.782 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.05 min
Lab File: VW012900.D
Acq: 11 Sep 2019 05:47

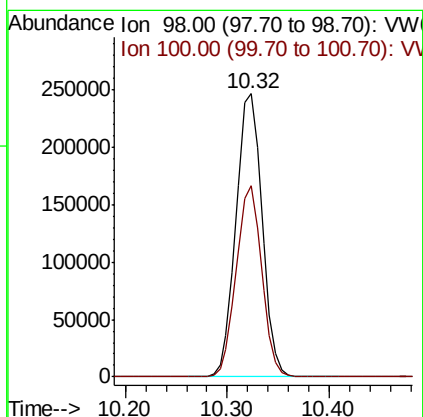
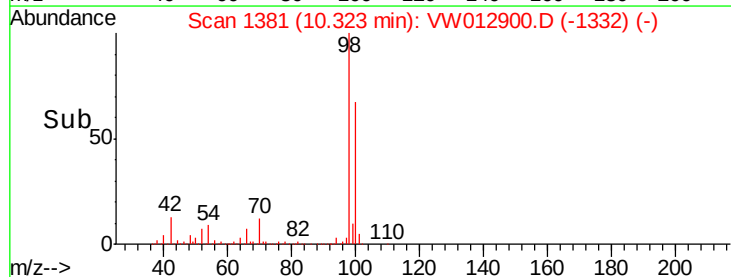
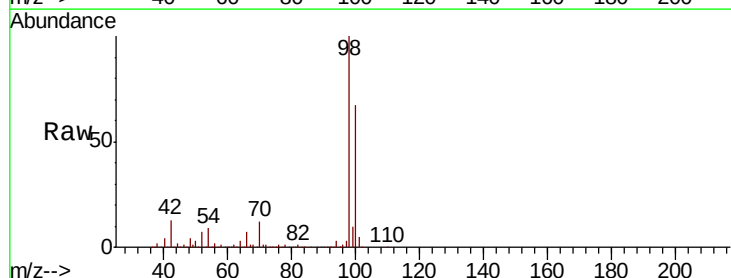
Instrument :
MSVOA_W
ClientSampled :
T1-4-(0)

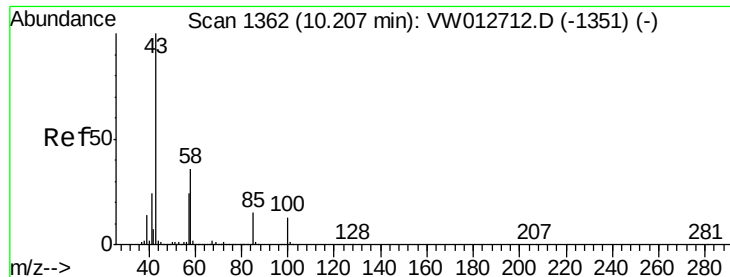
Tgt Ion: 41 Resp: 2982
Ion Ratio Lower Upper
41 100
39 45.8 47.5 71.3#
67 0.0 45.1 67.7#
52 0.0 20.2 30.2#



#50
Toluene-d8
Concen: 50.991 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012900.D
Acq: 11 Sep 2019 05:47

Tgt Ion: 98 Resp: 437087
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 1.119 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.11 min

Lab File: VW012900.D

Acq: 11 Sep 2019 05:47

Instrument :

MSVOA_W

ClientSampled :

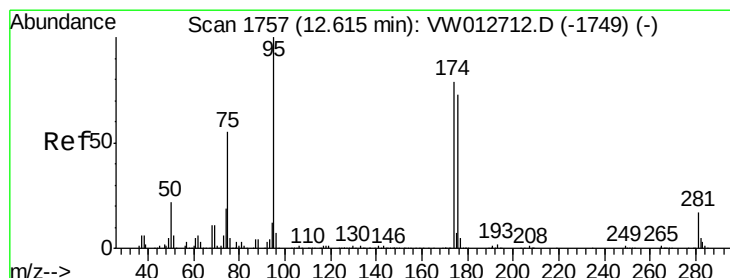
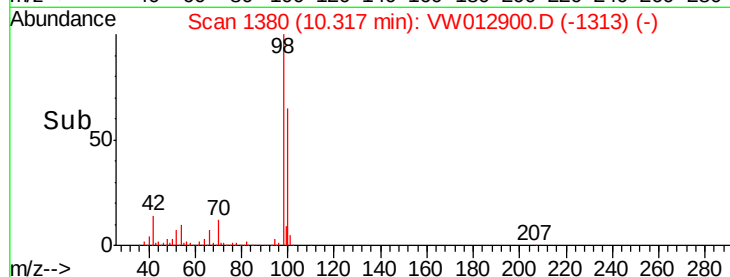
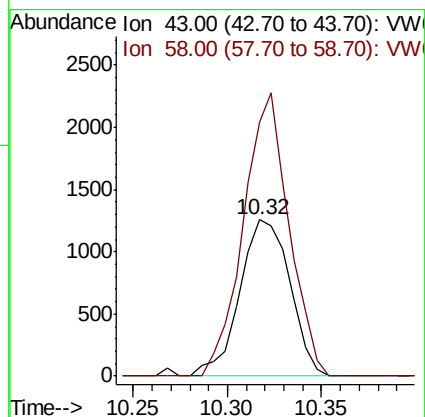
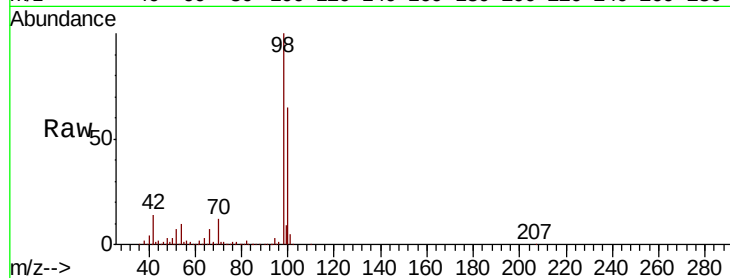
T1-4-(0)

Tgt Ion: 43 Resp: 2319

Ion Ratio Lower Upper

43 100

58 164.3 28.4 42.6#



#62

4-Bromofluorobenzene

Concen: 38.652 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012900.D

Acq: 11 Sep 2019 05:47

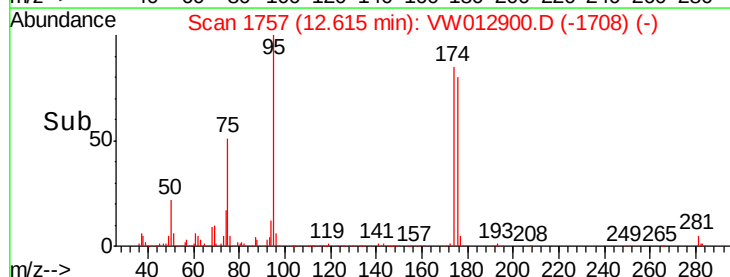
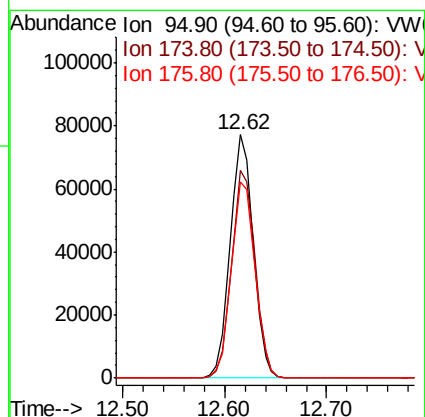
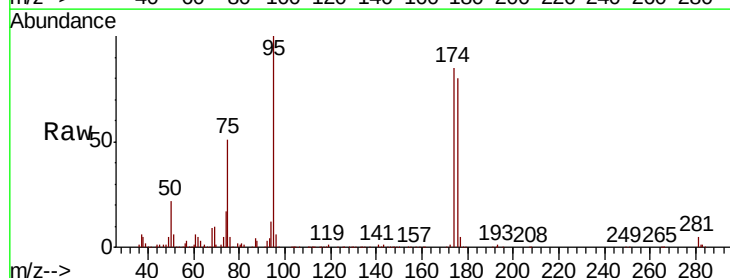
Tgt Ion: 95 Resp: 120278

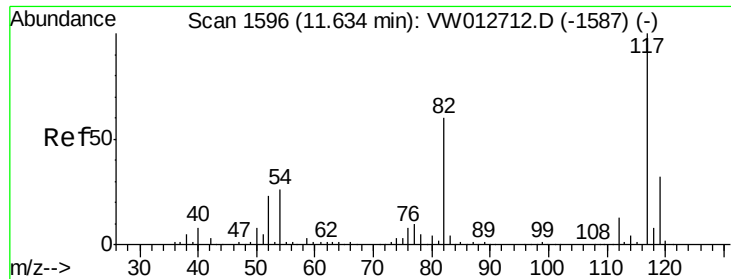
Ion Ratio Lower Upper

95 100

174 86.8 0.0 161.0

176 82.9 0.0 156.4

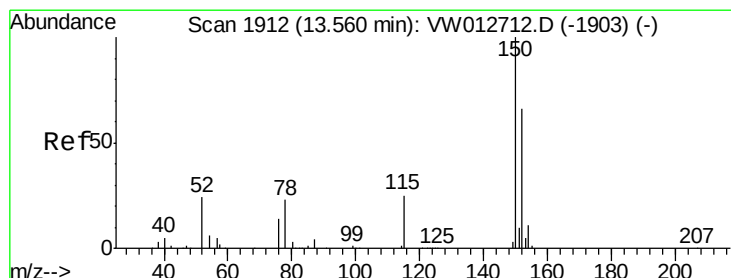
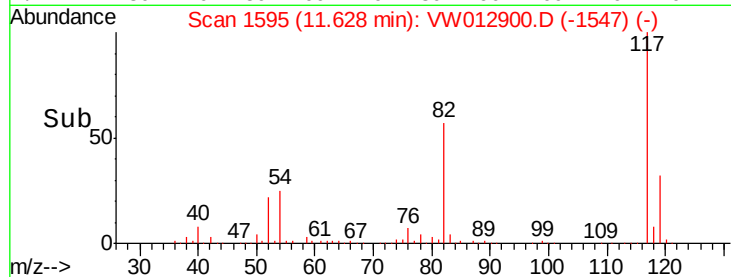
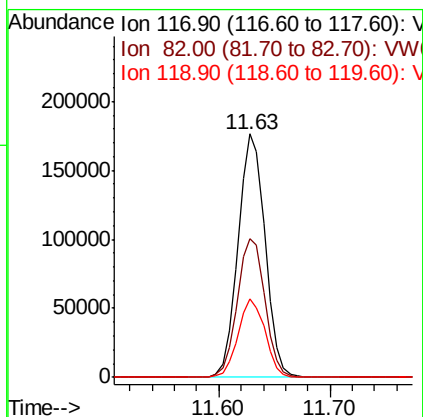
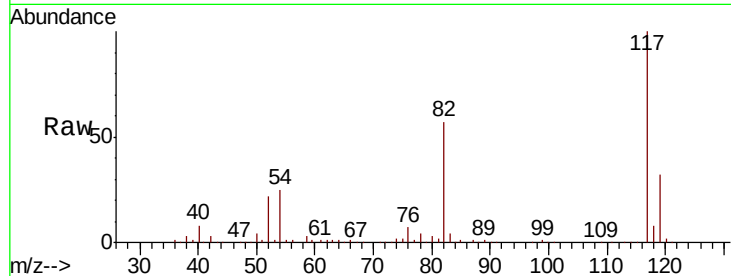




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012900.D
Acq: 11 Sep 2019 05:47

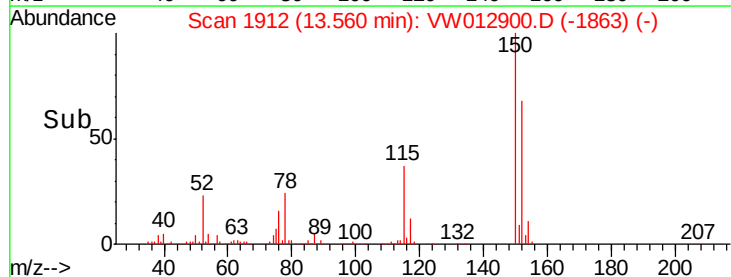
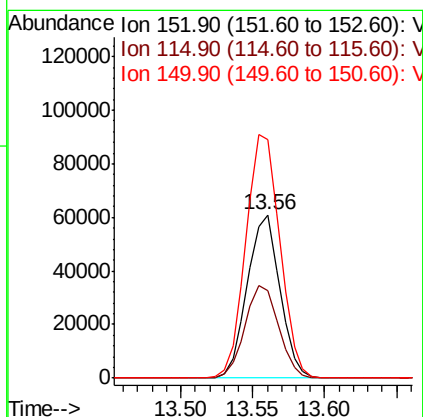
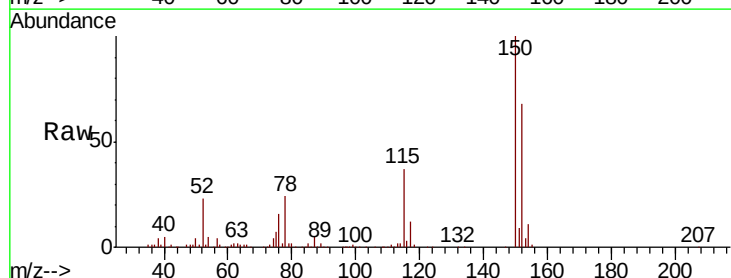
Instrument :
MSVOA_W
ClientSampleId :
T1-4-(0)

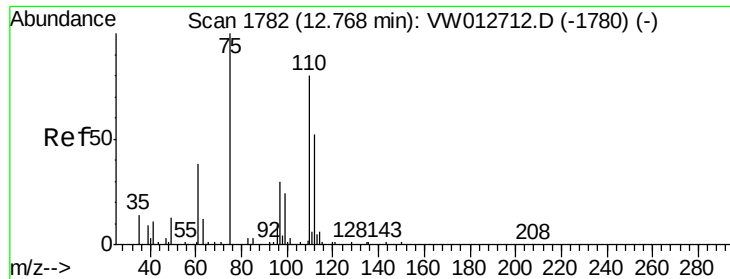
Tgt Ion:117 Resp: 295647
Ion Ratio Lower Upper
117 100
82 57.2 48.2 72.4
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012900.D
Acq: 11 Sep 2019 05:47

Tgt Ion:152 Resp: 95555
Ion Ratio Lower Upper
152 100
115 58.6 30.0 90.1
150 155.8 0.0 349.0

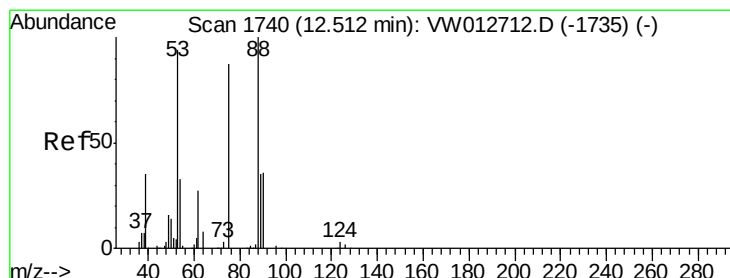
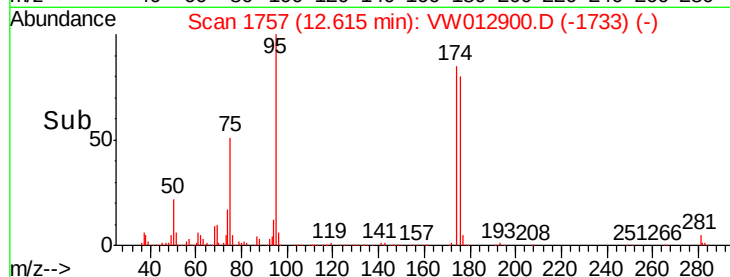
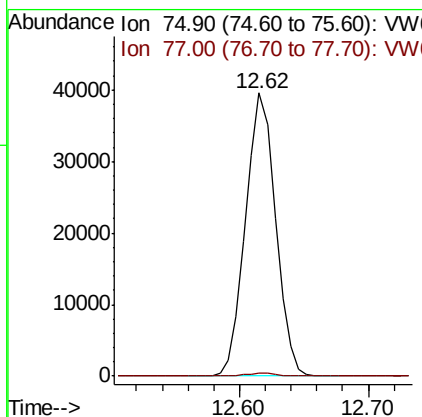
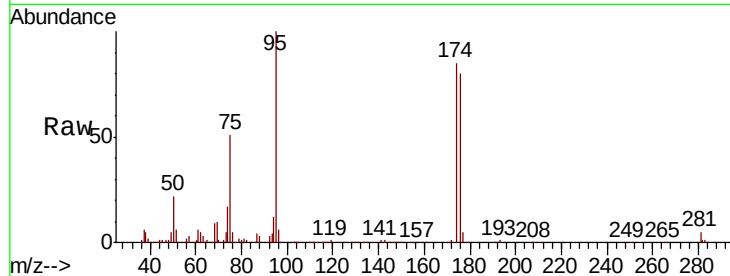




#76
 1,2,3-Trichloropropane
 Concen: 65.321 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012900.D
 Acq: 11 Sep 2019 05:47

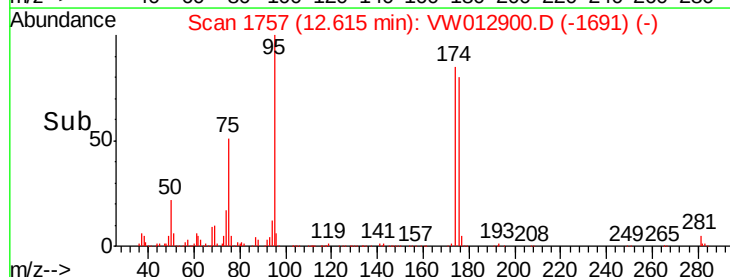
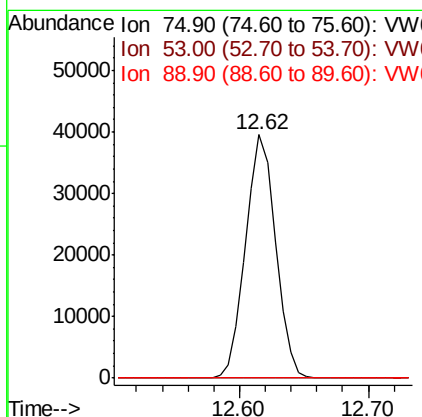
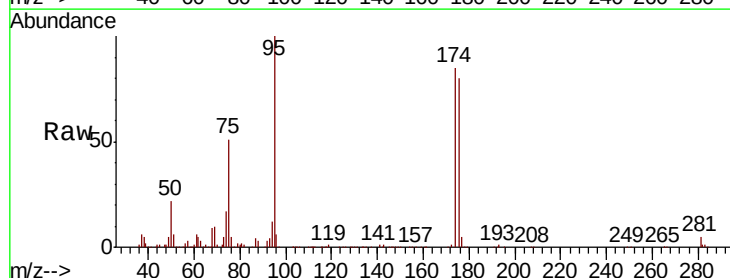
Instrument :
 MSVOA_W
 ClientSampled :
 T1-4-(0)

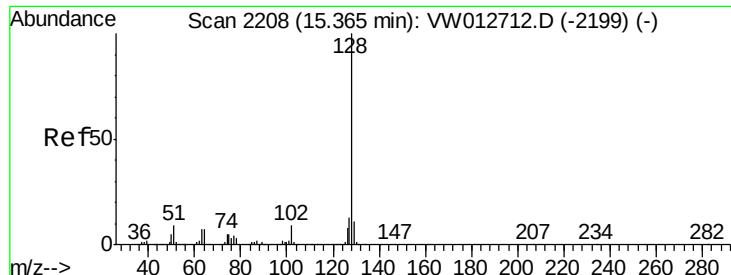
Tgt Ion: 75 Resp: 63825
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.159 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012900.D
 Acq: 11 Sep 2019 05:47

Tgt Ion: 75 Resp: 63825
 Ion Ratio Lower Upper
 75 100
 53 0.1 87.6 131.4#
 89 0.0 35.5 53.3#





#95

Naphthalene

Concen: 4.456 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW012900.D

Acq: 11 Sep 2019 05:47

Instrument :

MSVOA_W

ClientSampleId :

T1-4-(0)

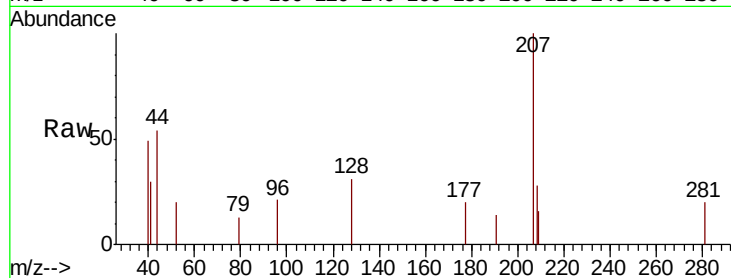
Tgt Ion:128 Resp: 74

Ion Ratio Lower Upper

128 100

127 0.0 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

