

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090419\
 Data File : VW012622.D
 Acq On : 05 Sep 2019 06:34
 Operator : SY/VA
 Sample : K4547-14
 Misc : 6.72G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T7-S-G2-(2.5)

Quant Time: Sep 05 07:06:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	270219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	435646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130453	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	174869	54.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.88%	
35) Dibromofluoromethane	7.88	113	132800	51.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.14%	
50) Toluene-d8	10.32	98	525925	49.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.62	95	159645	42.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.90%	

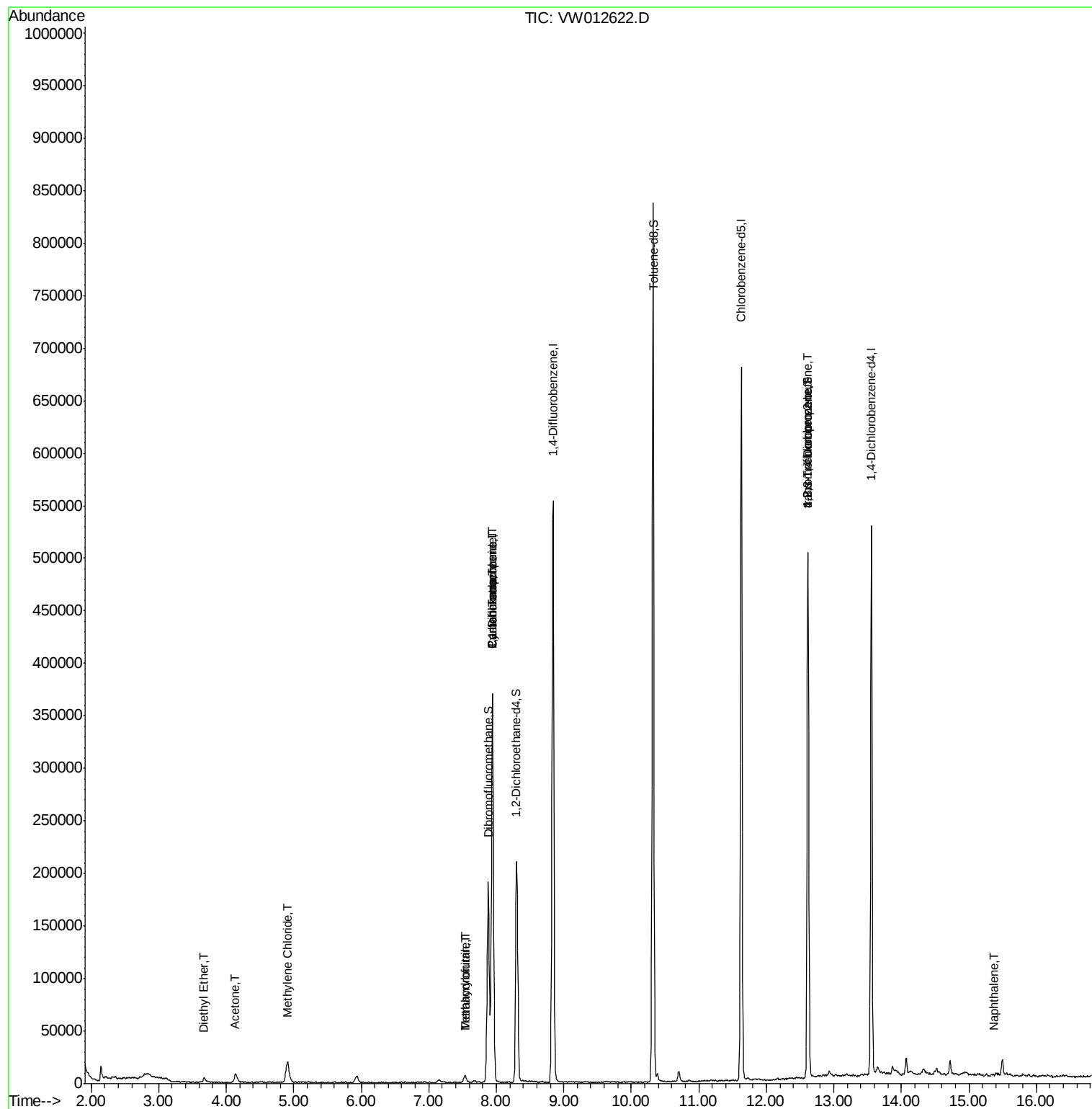
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	1897	1.262	ug/l	62
16) Acetone	4.14	43	16669	20.300	ug/l	98
20) Methylene Chloride	4.91	84	15094	4.863	ug/l	98
29) Tetrahydrofuran	7.54	42	6026	9.002	ug/l #	84
31) Cyclohexane	7.95	56	7026	1.214	ug/l #	37
36) 1,1-Dichloropropene	7.95	75	23090	5.129	ug/l #	53
38) Carbon Tetrachloride	7.95	117	27304	7.007	ug/l #	15
41) Methacrylonitrile	7.54	41	4279	2.951	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	87705	69.031	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	87705	151.353	ug/l #	6
95) Naphthalene	15.36	128	450	4.405	ug/l #	78

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

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QLast Update : Mon Aug 26 07:18:31 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: VW012622.D

Acq: 05 Sep 2019 06:34

Instrument :

MSVOA_W

ClientSampled :

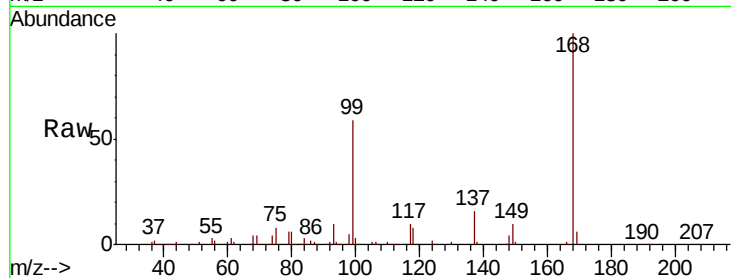
T7-S-G2-(2.5)

Tgt Ion:168 Resp: 270219

Ion Ratio Lower Upper

168 100

99 58.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

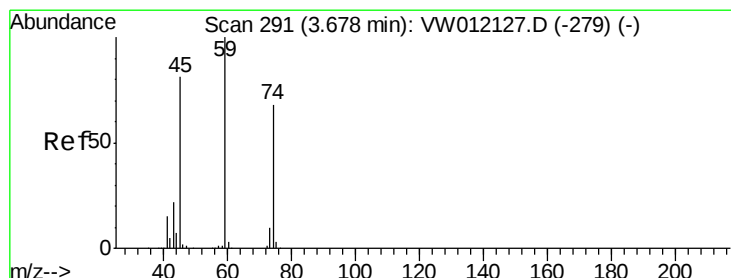
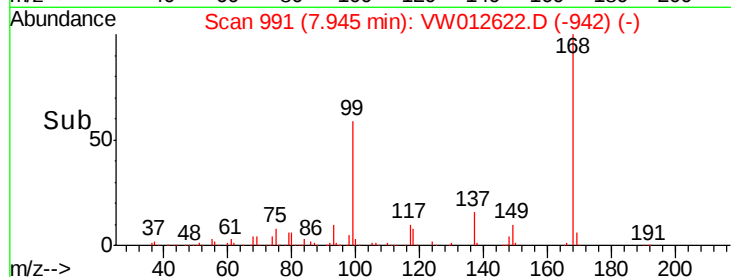
100000

50000

0

7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 1.262 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW012622.D

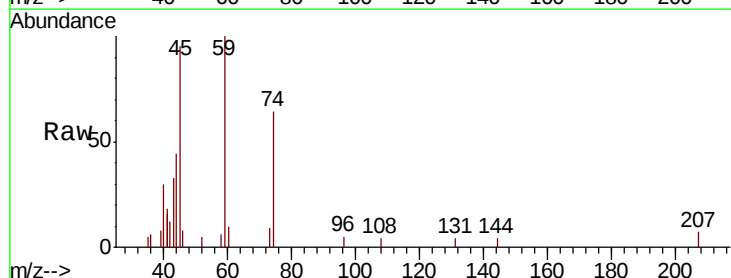
Acq: 05 Sep 2019 06:34

Tgt Ion: 74 Resp: 1897

Ion Ratio Lower Upper

74 100

45 160.5 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

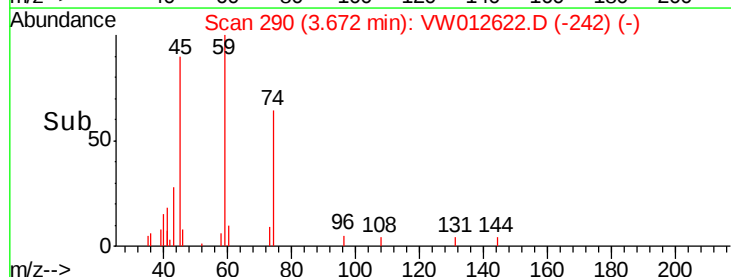
1000

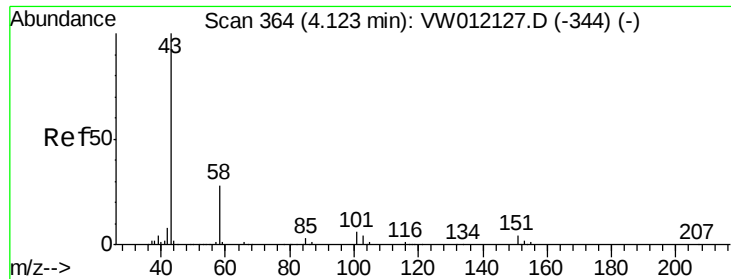
500

0

3.60 3.65 3.70 3.75

Time-->





#16

Acetone

Concen: 20.300 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012622.D

Acq: 05 Sep 2019 06:34

Instrument :

MSVOA_W

ClientSampleId :

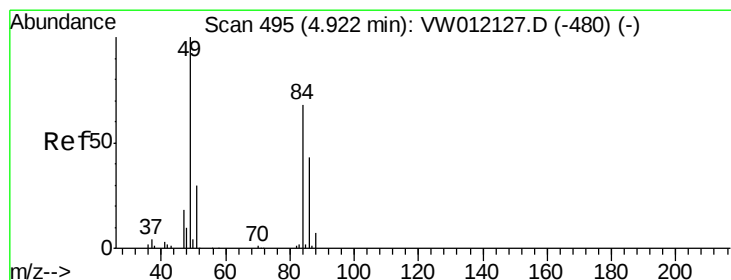
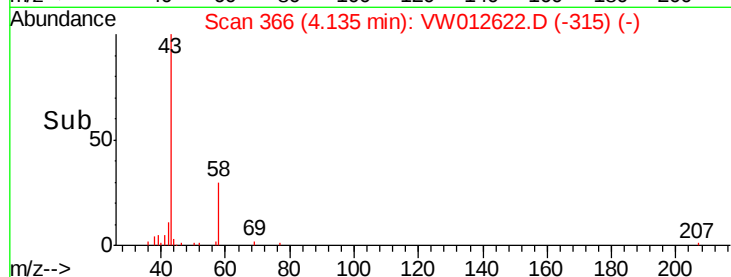
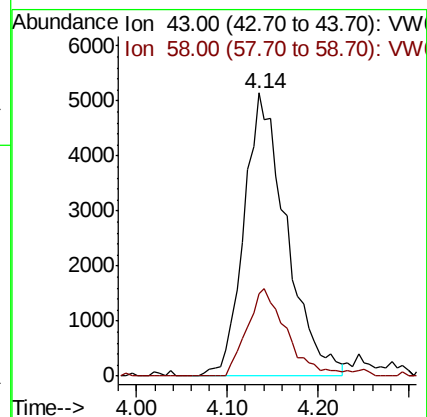
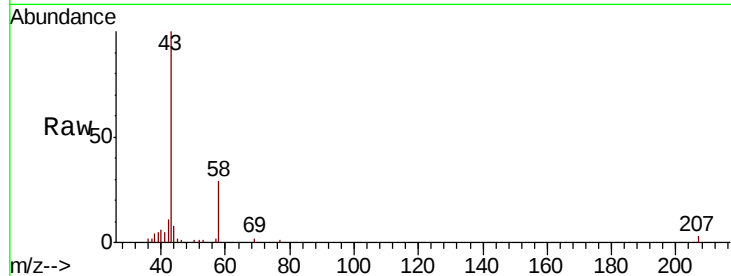
T7-S-G2-(2.5)

Tgt Ion: 43 Resp: 16669

Ion Ratio Lower Upper

43 100

58 29.3 22.4 33.6



#20

Methylene Chloride

Concen: 4.863 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012622.D

Acq: 05 Sep 2019 06:34

Tgt Ion: 84 Resp: 15094

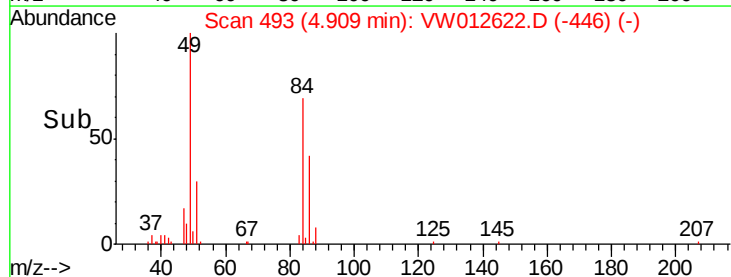
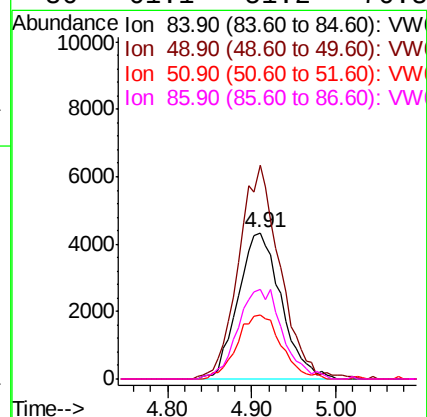
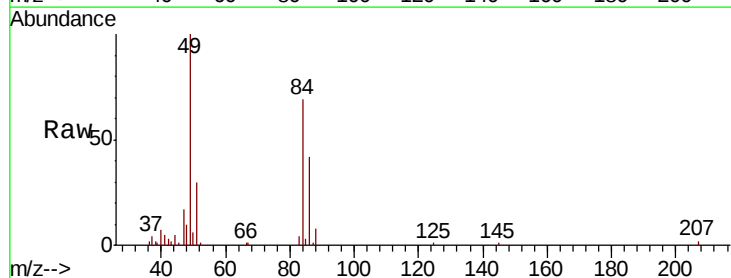
Ion Ratio Lower Upper

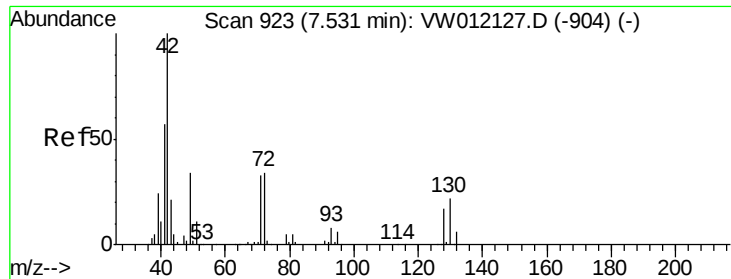
84 100

49 145.8 117.8 176.8

51 44.1 35.6 53.4

86 61.1 51.2 76.8

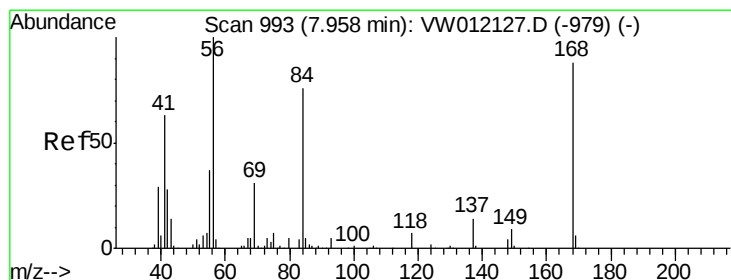
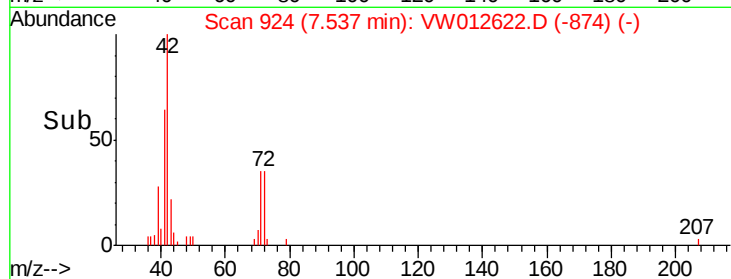
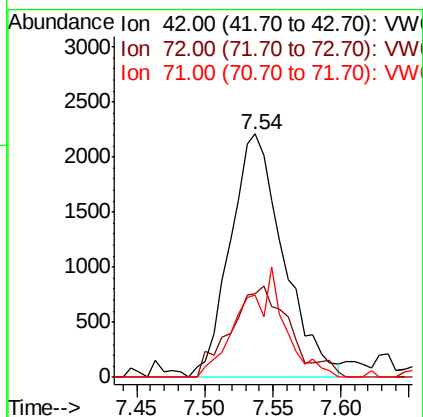
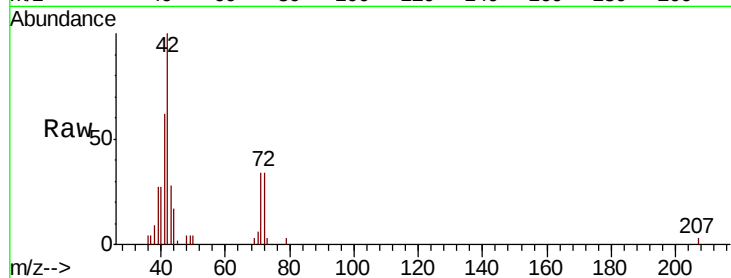




#29
Tetrahydrofuran
Concen: 9.002 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012622.D
Acq: 05 Sep 2019 06:34

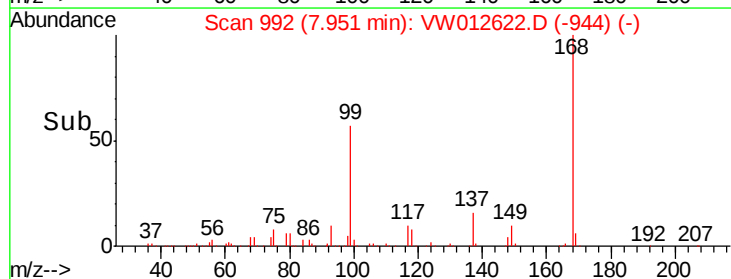
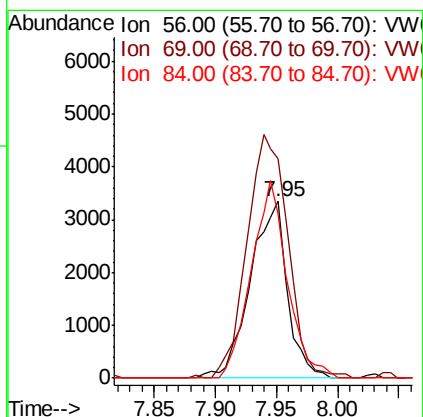
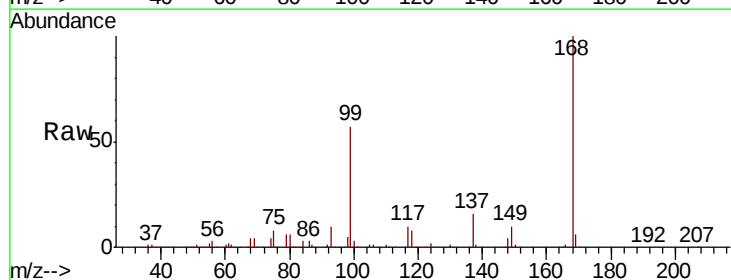
Instrument :
MSVOA_W
ClientSampleId :
T7-S-G2-(2.5)

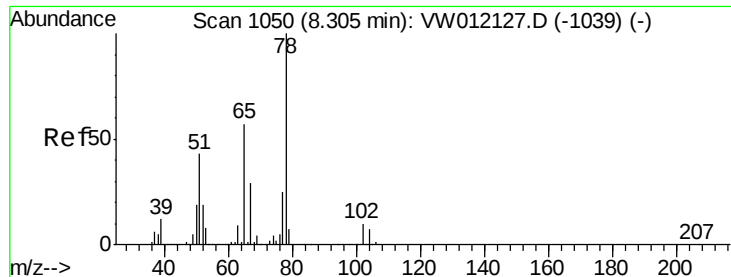
Tgt Ion: 42 Resp: 6026
Ion Ratio Lower Upper
42 100
72 41.4 27.3 40.9#
71 21.1 25.5 38.3#



#31
Cyclohexane
Concen: 1.214 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012622.D
Acq: 05 Sep 2019 06:34

Tgt Ion: 56 Resp: 7026
Ion Ratio Lower Upper
56 100
69 124.2 24.9 37.3#
84 92.9 60.6 90.8#

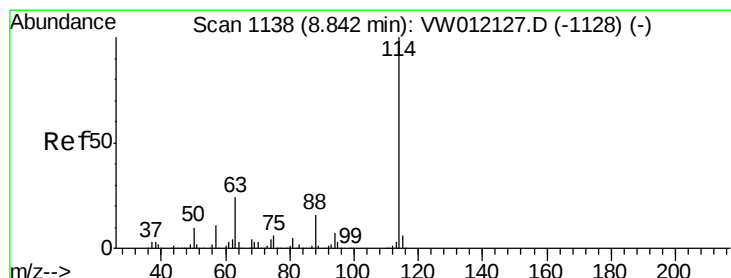
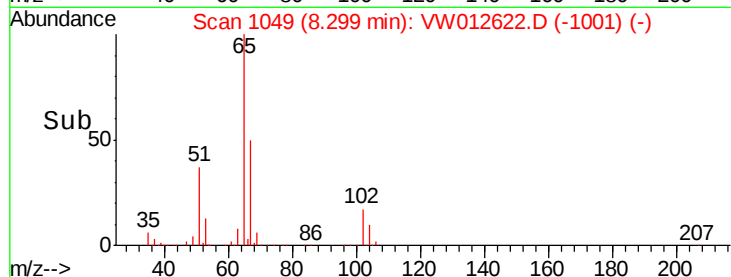
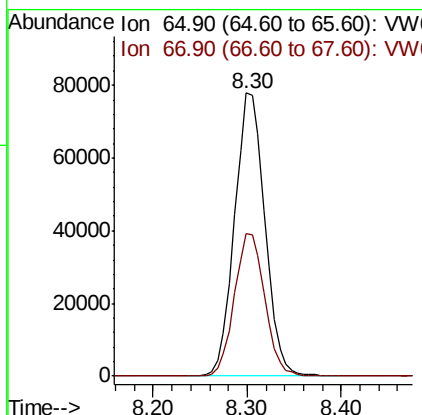
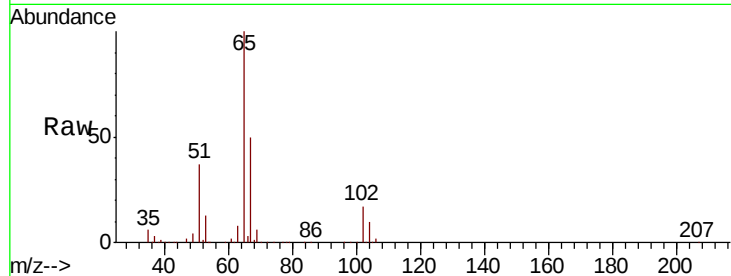




#33
 1,2-Dichloroethane-d4
 Concen: 54.438 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012622.D
 Acq: 05 Sep 2019 06:34

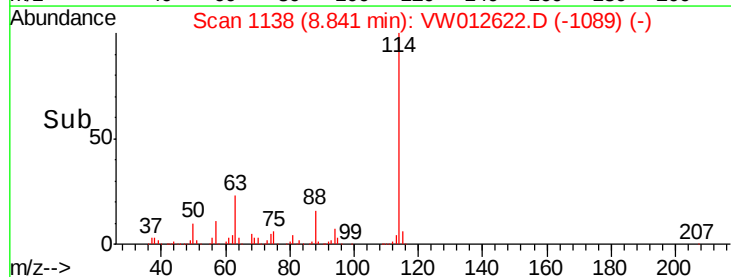
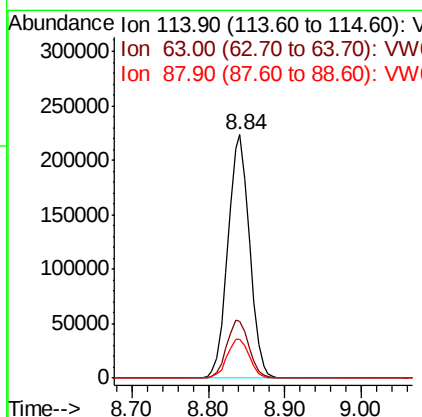
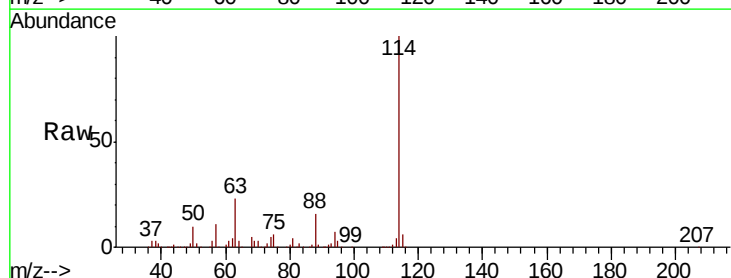
Instrument :
 MSVOA_W
 ClientSampleId :
 T7-S-G2-(2.5)

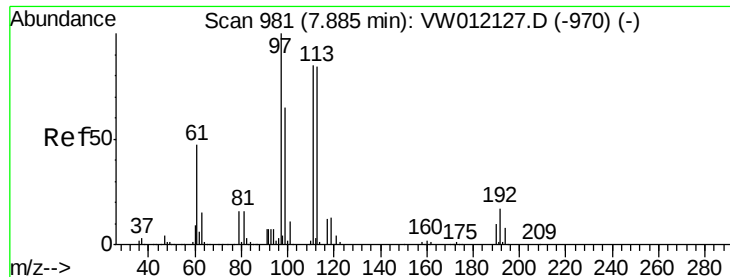
Tgt Ion: 65 Resp: 174869
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012622.D
 Acq: 05 Sep 2019 06:34

Tgt Ion: 114 Resp: 435646
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 48.6
 88 16.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.069 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012622.D

Acq: 05 Sep 2019 06:34

Instrument :

MSVOA_W

ClientSampleId :

T7-S-G2-(2.5)

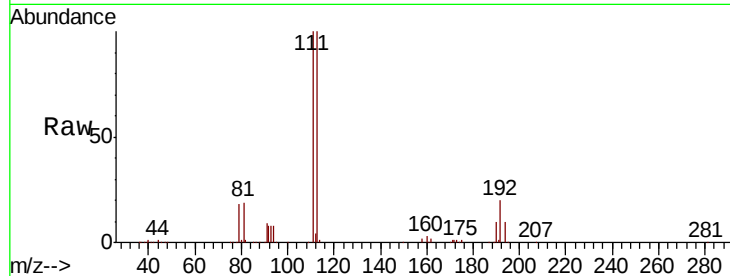
Tgt Ion:113 Resp: 132800

Ion Ratio Lower Upper

113 100

111 105.0 82.7 124.1

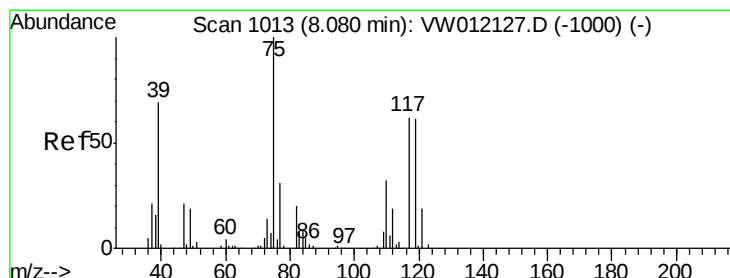
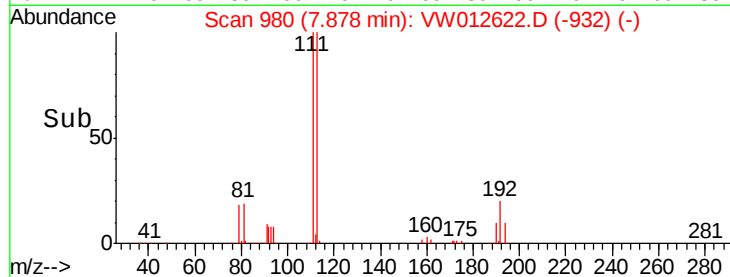
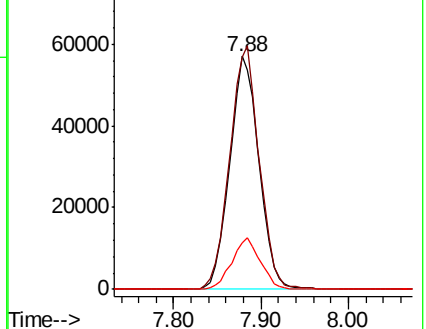
192 21.4 16.2 24.2



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: 5.129 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW012622.D

Acq: 05 Sep 2019 06:34

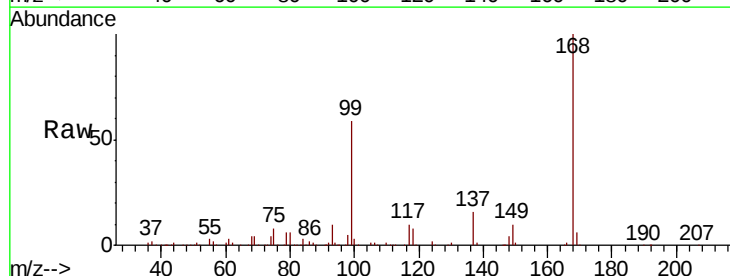
Tgt Ion: 75 Resp: 23090

Ion Ratio Lower Upper

75 100

110 10.0 15.6 46.8#

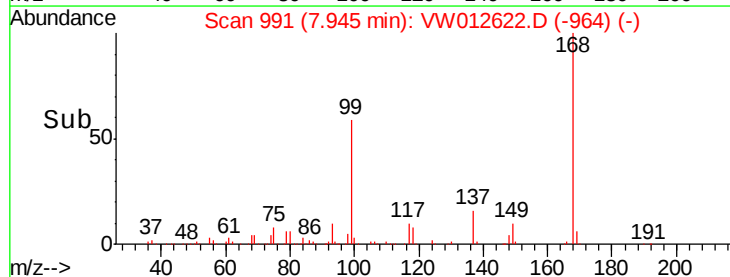
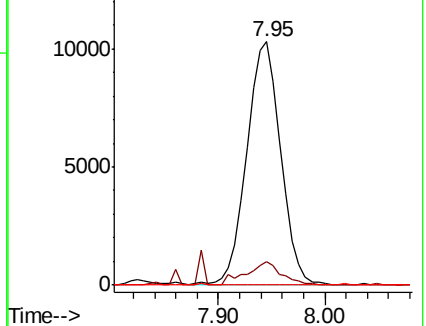
77 0.0 24.6 36.8#

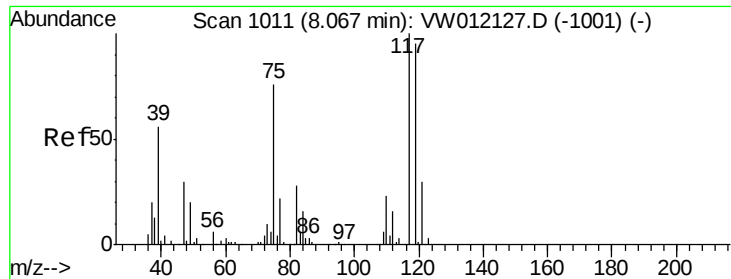


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

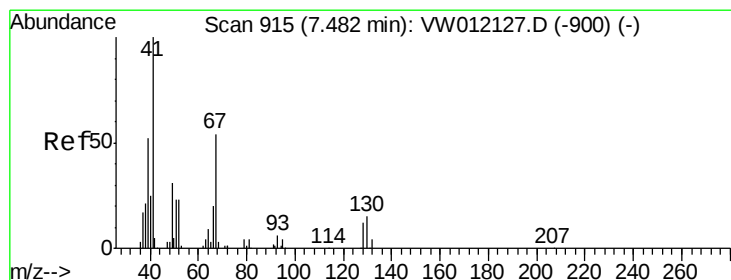
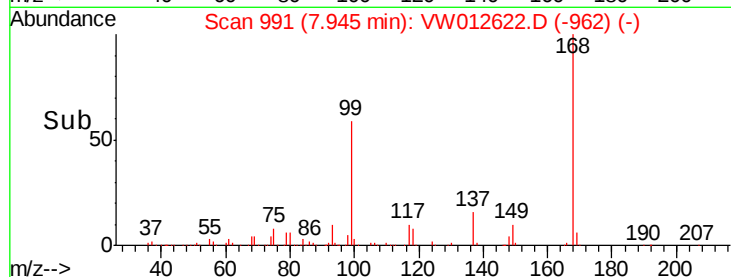
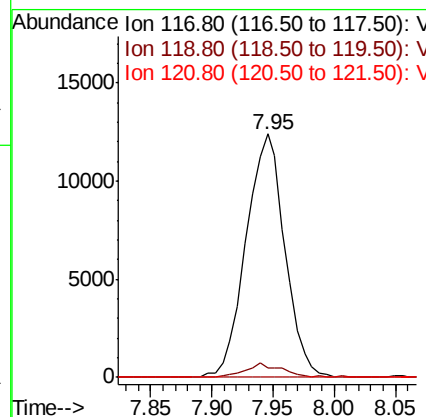
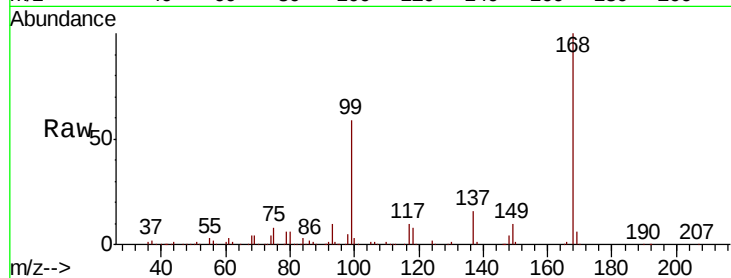




#38
Carbon Tetrachloride
Concen: 7.007 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012622.D
Acq: 05 Sep 2019 06:34

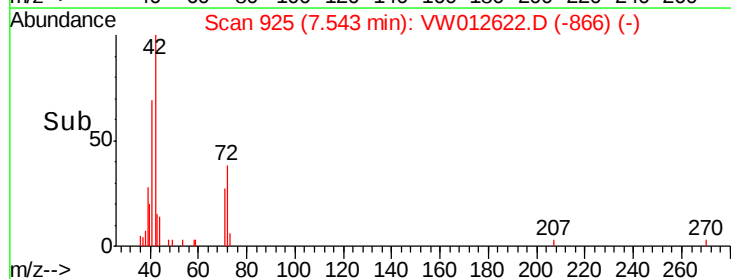
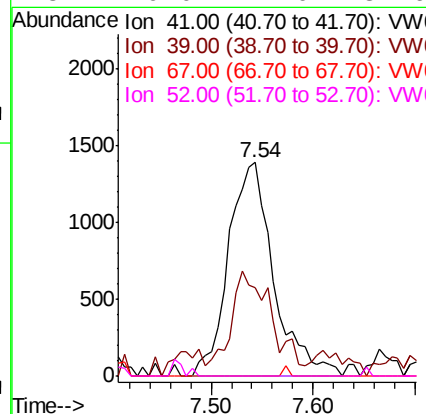
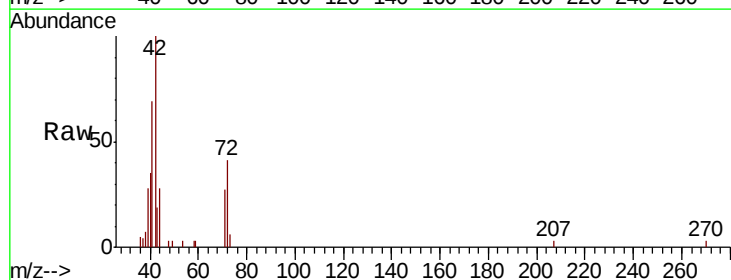
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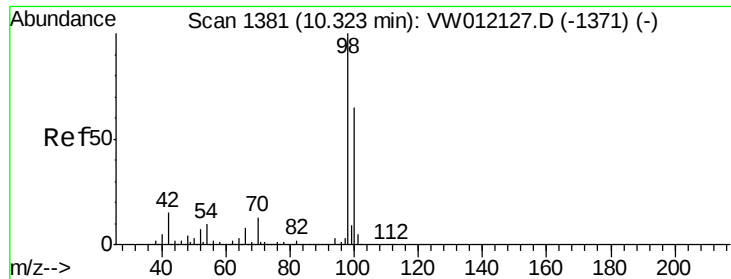
Tgt Ion: 117 Resp: 27304
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 23.8 35.8#



#41
Methacrylonitrile
Concen: 2.951 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.06 min
Lab File: VW012622.D
Acq: 05 Sep 2019 06:34

Tgt Ion: 41 Resp: 4279
Ion Ratio Lower Upper
41 100
39 39.5 45.8 68.8#
67 0.0 46.2 69.4#
52 0.0 21.0 31.6#





#50

Toluene-d8

Concen: 49.880 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012622.D

Acq: 05 Sep 2019 06:34

Instrument :

MSVOA_W

ClientSampleId :

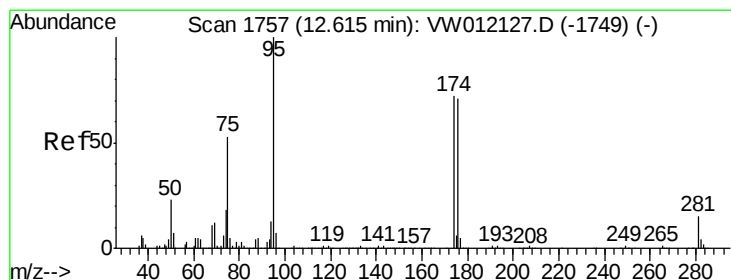
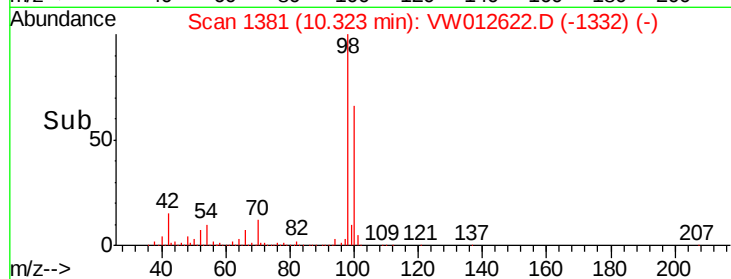
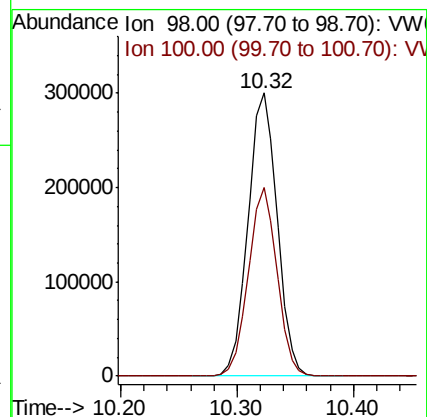
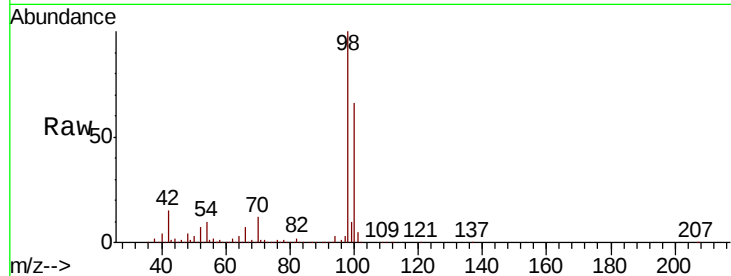
T7-S-G2-(2.5)

Tgt Ion: 98 Resp: 525925

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 42.954 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012622.D

Acq: 05 Sep 2019 06:34

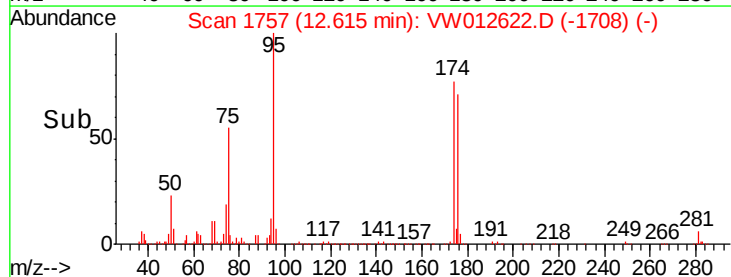
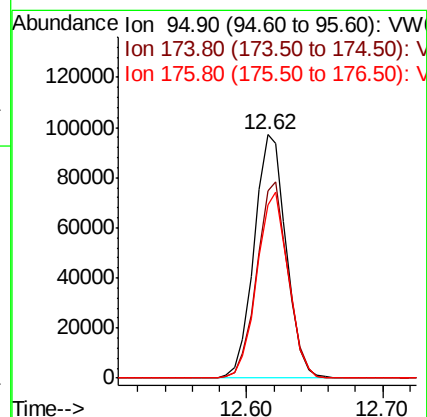
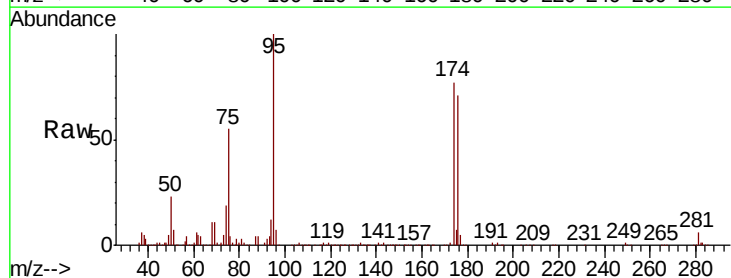
Tgt Ion: 95 Resp: 159645

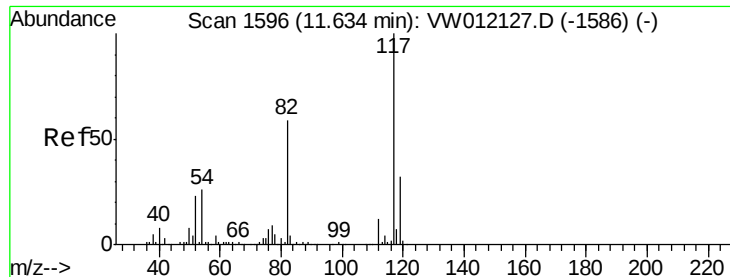
Ion Ratio Lower Upper

95 100

174 79.0 0.0 150.8

176 76.1 0.0 148.6

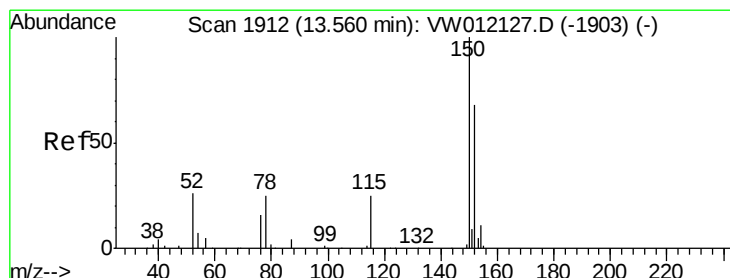
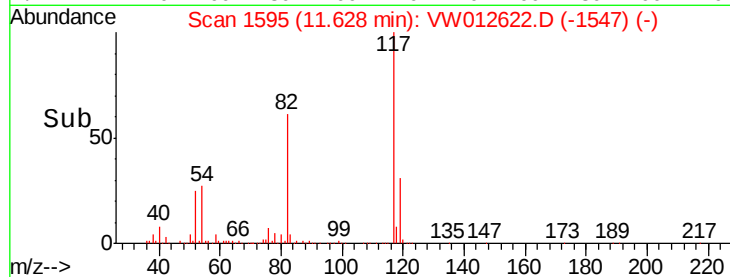
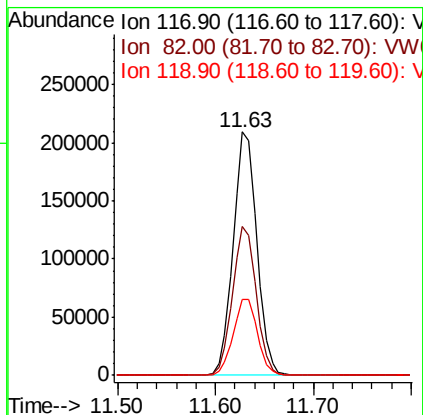
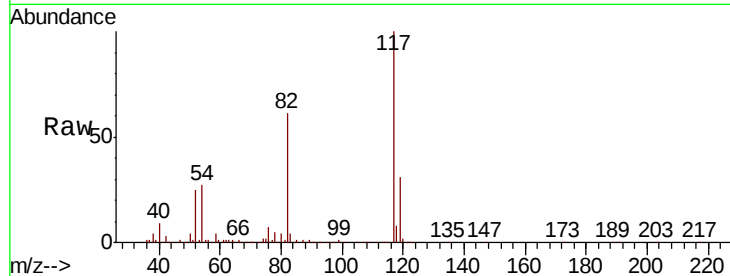




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012622.D
Acq: 05 Sep 2019 06:34

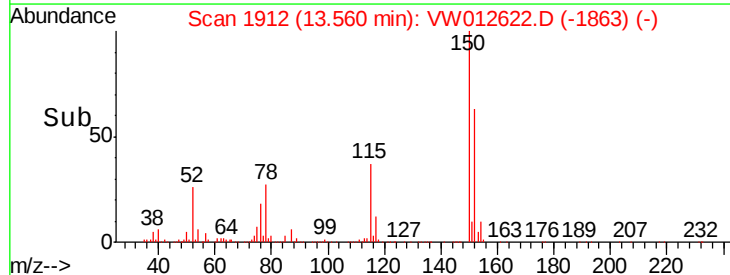
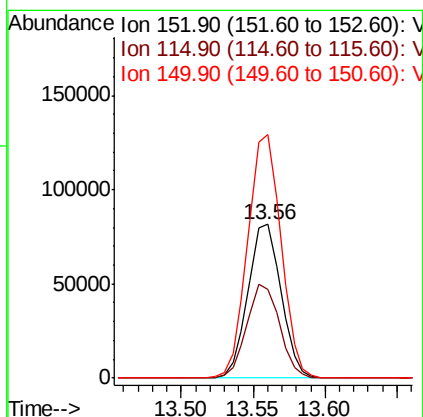
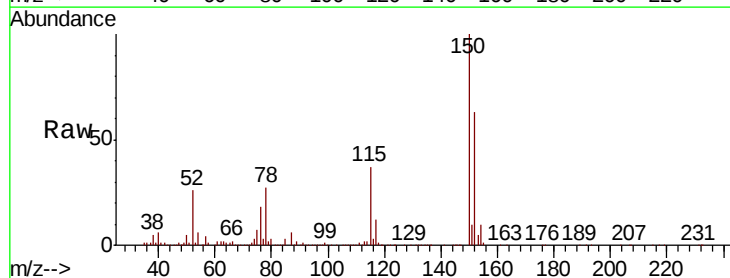
Instrument :
MSVOA_W
ClientSampleId :
T7-S-G2-(2.5)

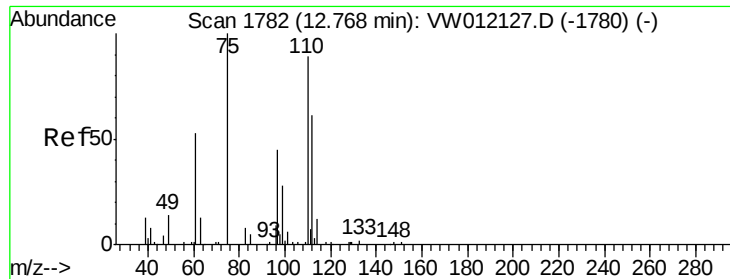
Tgt Ion:117 Resp: 352111
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012622.D
Acq: 05 Sep 2019 06:34

Tgt Ion:152 Resp: 130453
Ion Ratio Lower Upper
152 100
115 60.6 30.1 90.3
150 158.6 0.0 345.8

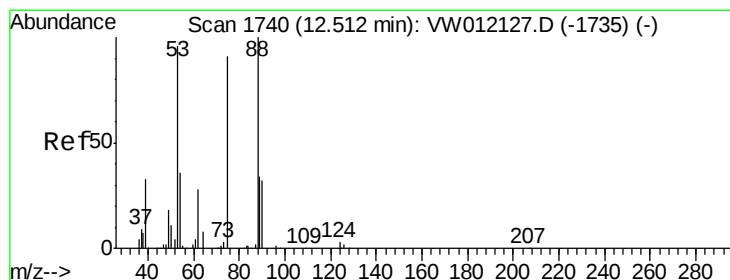
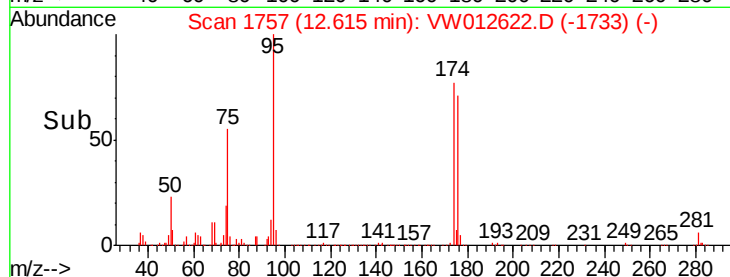
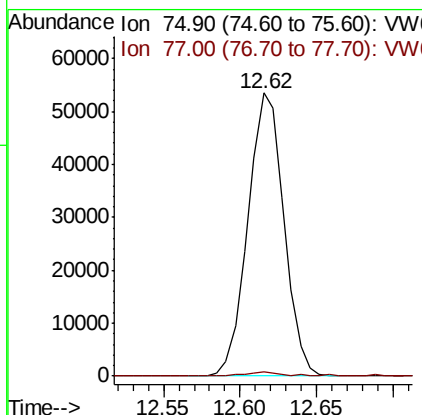
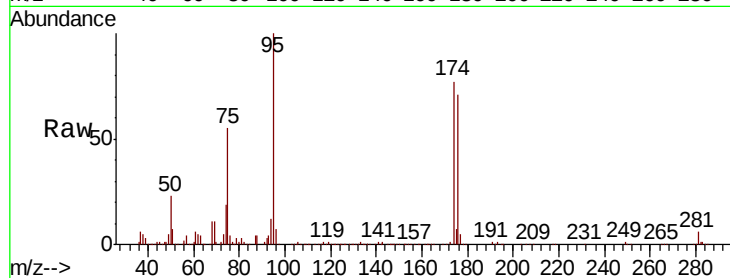




#76
 1,2,3-Trichloropropane
 Concen: 69.031 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012622.D
 Acq: 05 Sep 2019 06:34

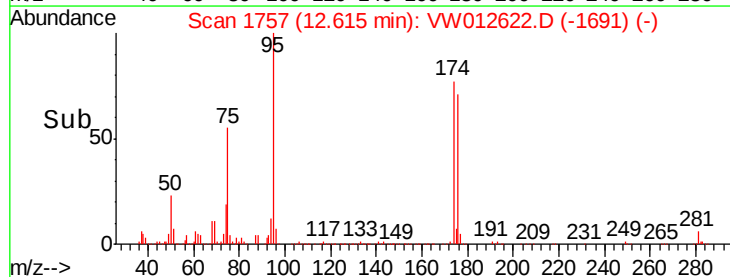
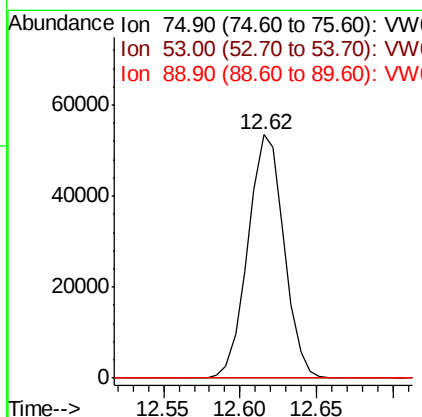
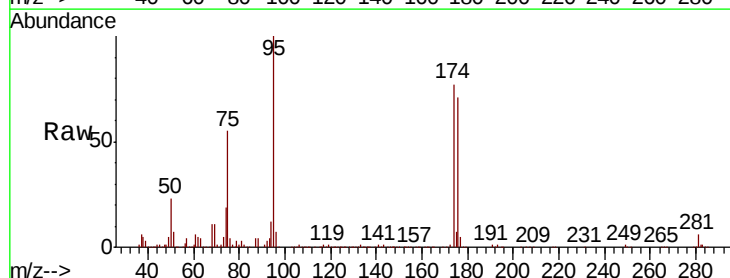
Instrument :
 MSVOA_W
 ClientSampleId :
 T7-S-G2-(2.5)

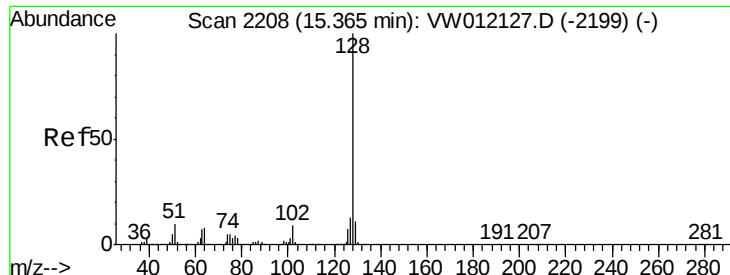
Tgt Ion: 75 Resp: 87705
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.353 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012622.D
 Acq: 05 Sep 2019 06:34

Tgt Ion: 75 Resp: 87705
 Ion Ratio Lower Upper
 75 100
 53 0.0 89.4 134.0#
 89 0.0 34.5 51.7#

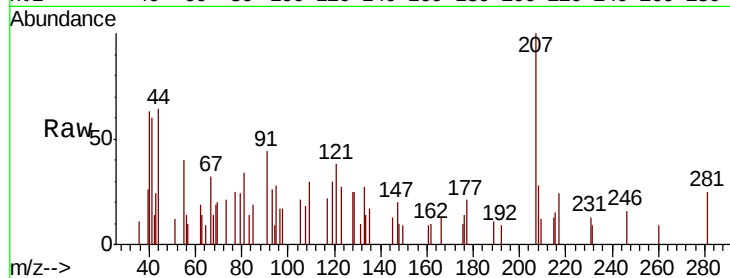




#95
Naphthalene
Concen: 4.405 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012622.D
Acq: 05 Sep 2019 06:34

Instrument :
MSVOA_W
ClientSampleId :
T7-S-G2-(2.5)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	8.2	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

