

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090419\
 Data File : VW012606.D
 Acq On : 04 Sep 2019 21:56
 Operator : SY/VA
 Sample : K4601-02
 Misc : 4.25G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T12-E1-(0)

Quant Time: Sep 05 07:01:50 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	241719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	396749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114824	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	162729	56.63	ug/l	0.00
Spiked Amount			Recovery	=	113.26%	
35) Dibromofluoromethane	7.88	113	123906	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
50) Toluene-d8	10.32	98	479167	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	141708	41.87	ug/l	0.00
Spiked Amount			Recovery	=	83.74%	

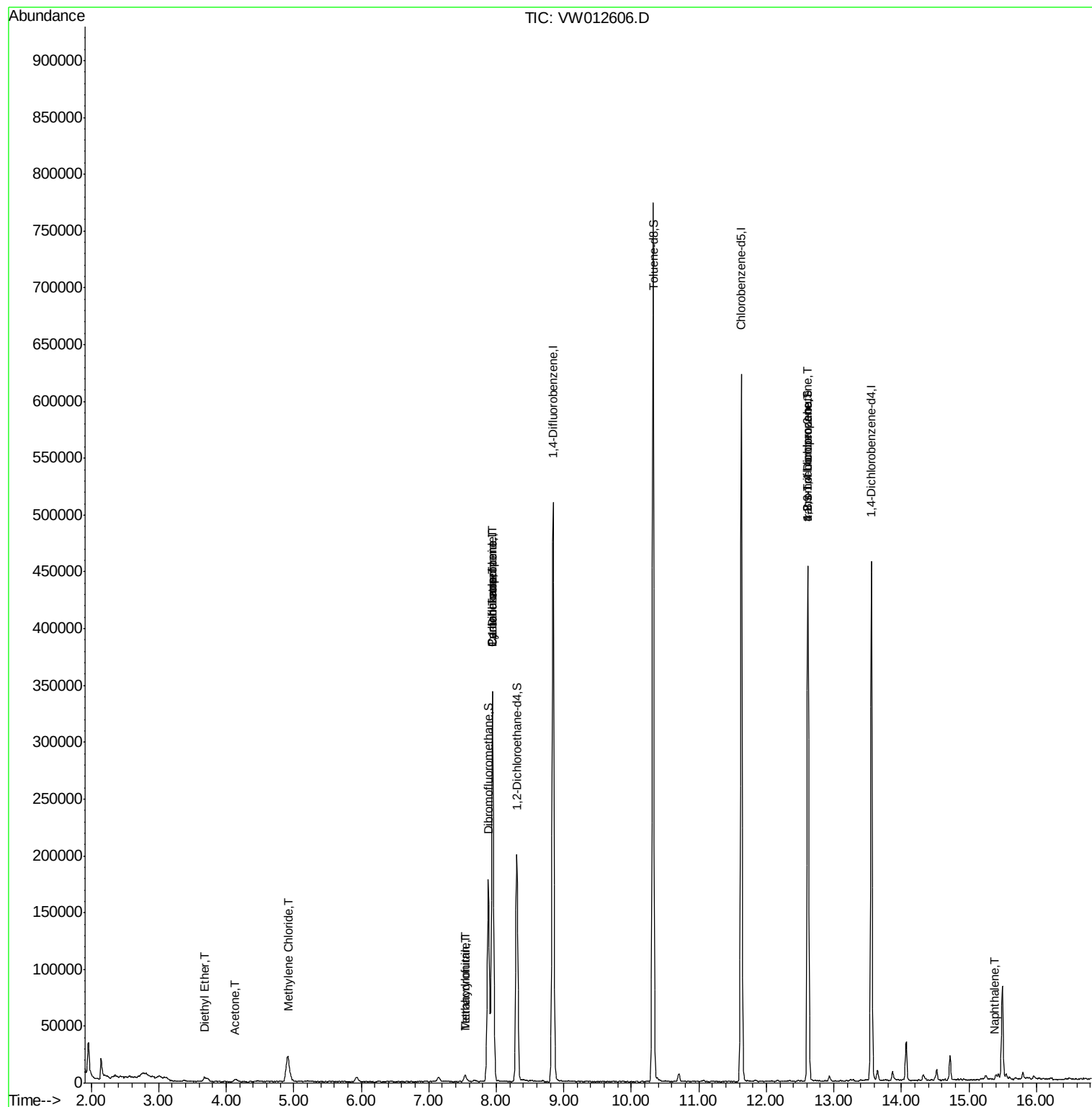
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1930	1.435	ug/l	73
16) Acetone	4.13	43	4685	6.378	ug/l	100
20) Methylene Chloride	4.92	84	17165	6.182	ug/l	95
29) Tetrahydrofuran	7.53	42	5167	8.628	ug/l	96
31) Cyclohexane	7.95	56	6016	1.162	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20798	5.073	ug/l #	51
38) Carbon Tetrachloride	7.95	117	24740	6.972	ug/l #	16
41) Methacrylonitrile	7.54	41	3248	2.460	ug/l #	57
76) 1,2,3-Trichloropropane	12.62	75	76829	68.701	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	76829	150.630	ug/l #	6
95) Naphthalene	15.37	128	203	4.364	ug/l #	69

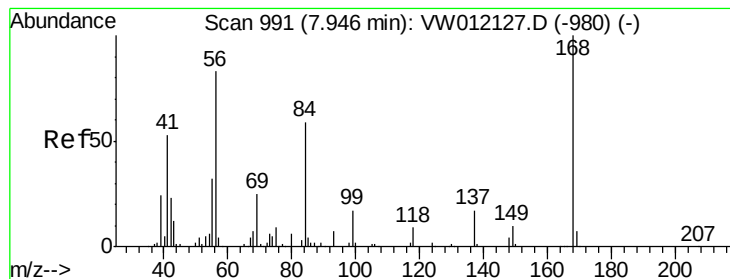
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VW012606.D

Acq: 04 Sep 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

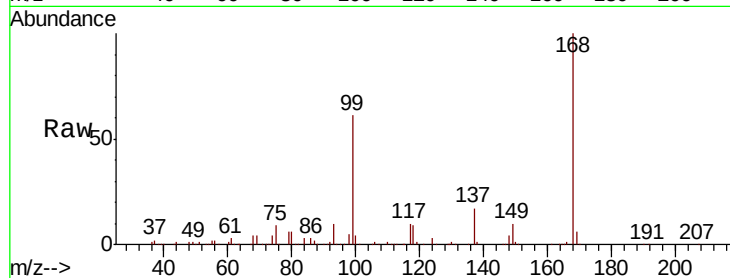
T12-E1-(0)

Tgt Ion:168 Resp: 241719

Ion Ratio Lower Upper

168 100

99 60.8 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

120000

100000

80000

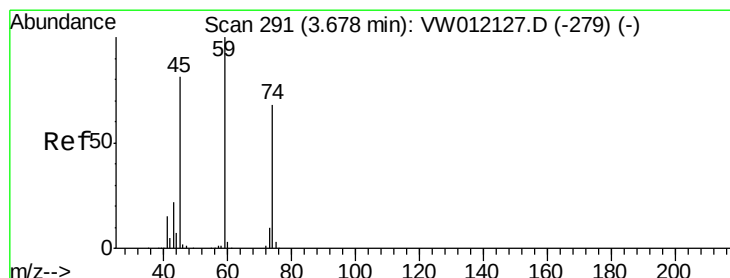
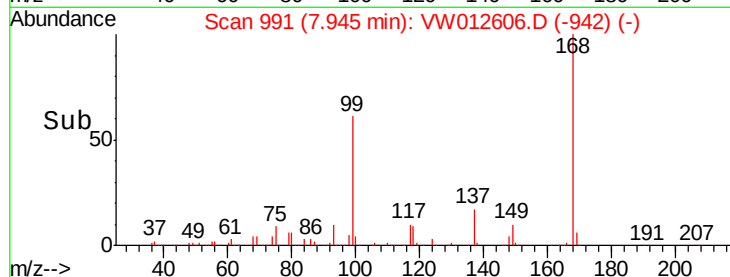
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.435 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW012606.D

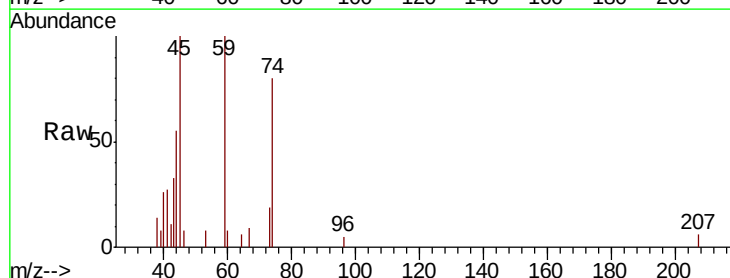
Acq: 04 Sep 2019 21:56

Tgt Ion: 74 Resp: 1930

Ion Ratio Lower Upper

74 100

45 148.7 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

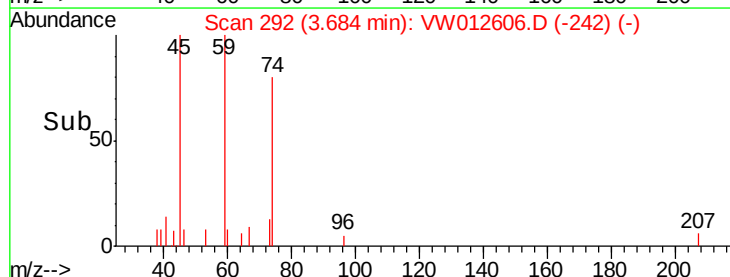
600

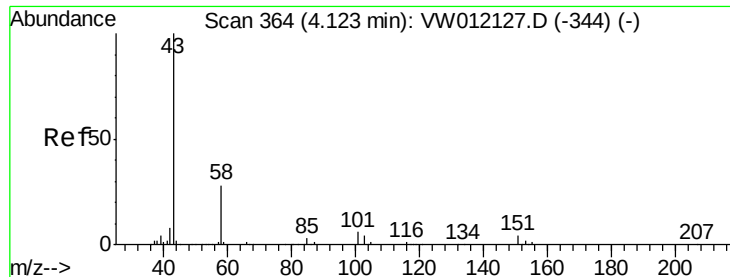
400

200

0

Time-->





#16

Acetone

Concen: 6.378 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012606.D

Acq: 04 Sep 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

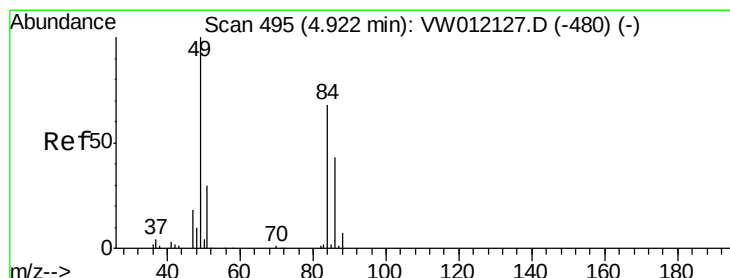
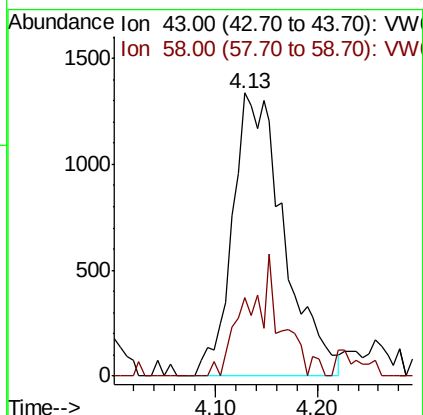
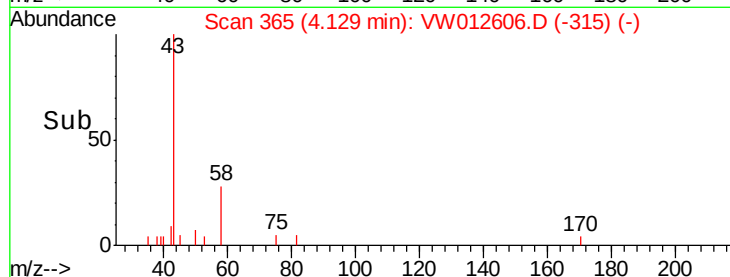
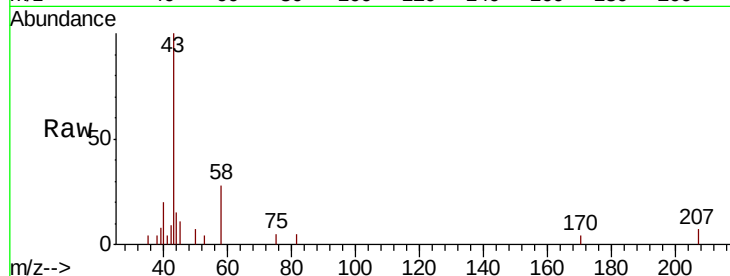
T12-E1-(0)

Tgt Ion: 43 Resp: 4685

Ion Ratio Lower Upper

43 100

58 27.9 22.4 33.6



#20

Methylene Chloride

Concen: 6.182 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012606.D

Acq: 04 Sep 2019 21:56

Tgt Ion: 84 Resp: 17165

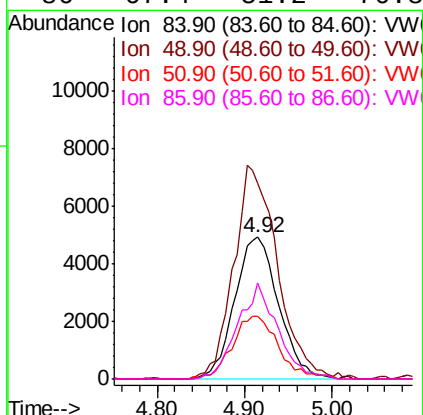
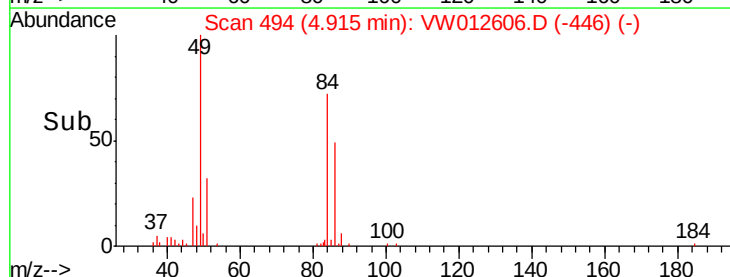
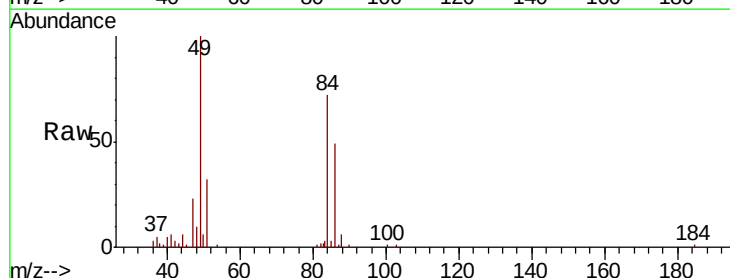
Ion Ratio Lower Upper

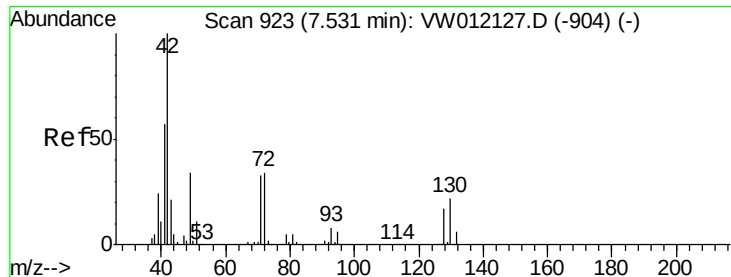
84 100

49 138.7 117.8 176.8

51 44.2 35.6 53.4

86 67.4 51.2 76.8

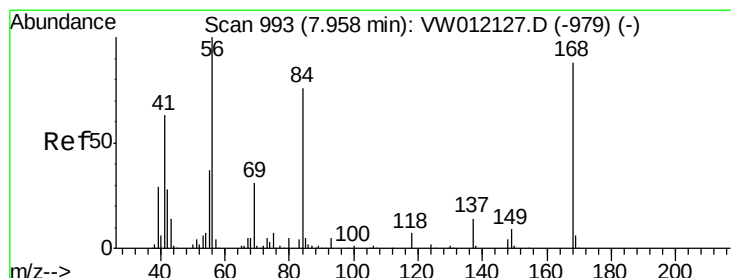
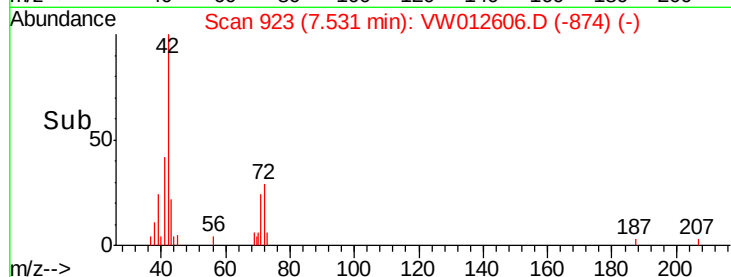
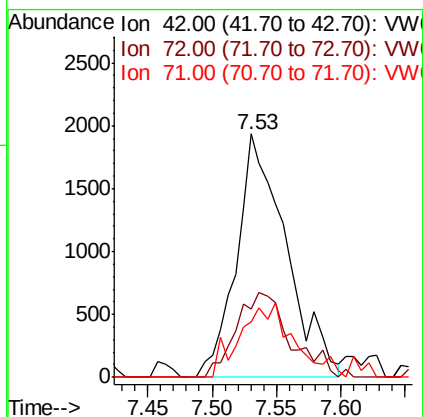
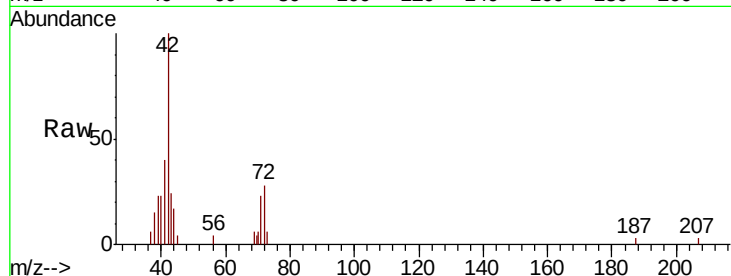




#29
Tetrahydrofuran
Concen: 8.628 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012606.D
Acq: 04 Sep 2019 21:56

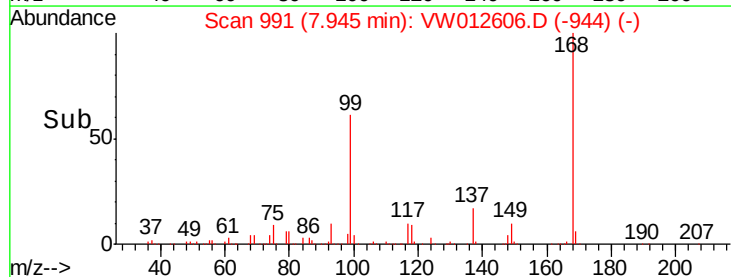
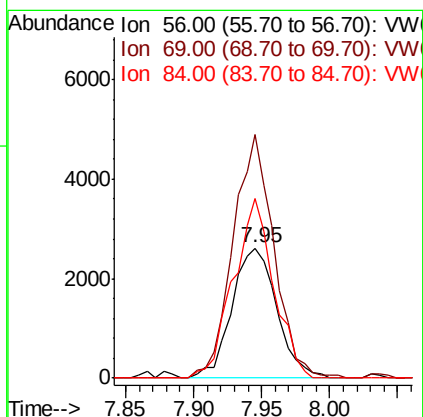
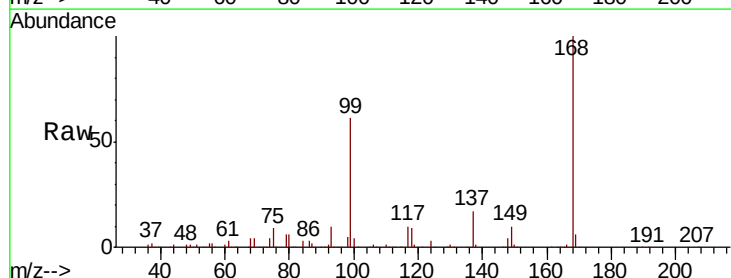
Instrument :
MSVOA_W
ClientSampleId :
T12-E1-(0)

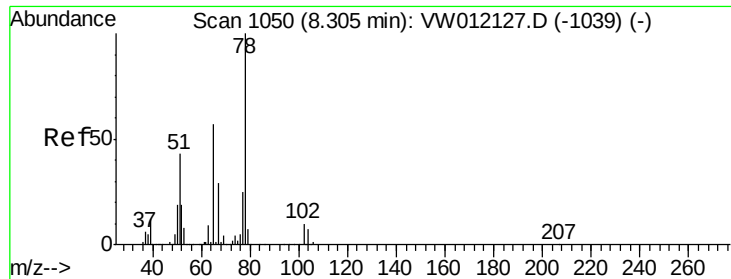
Tgt Ion: 42 Resp: 5167
Ion Ratio Lower Upper
42 100
72 37.7 27.3 40.9
71 33.1 25.5 38.3



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012606.D
Acq: 04 Sep 2019 21:56

Tgt Ion: 56 Resp: 6016
Ion Ratio Lower Upper
56 100
69 187.4 24.9 37.3#
84 138.0 60.6 90.8#

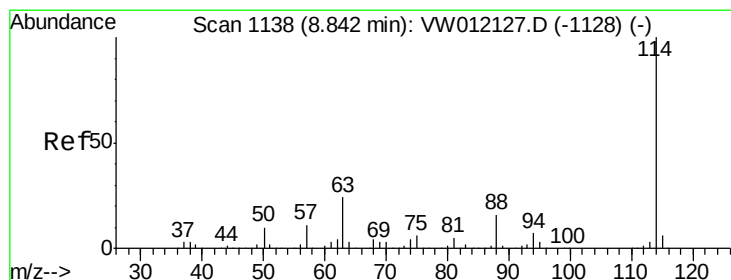
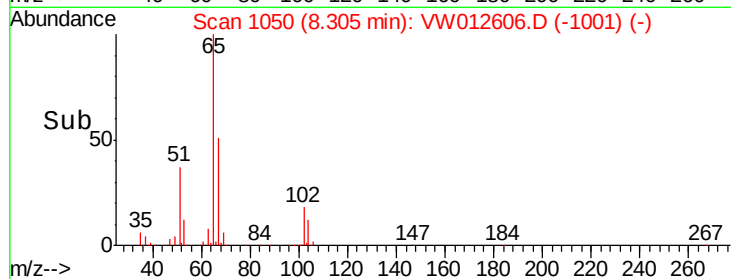
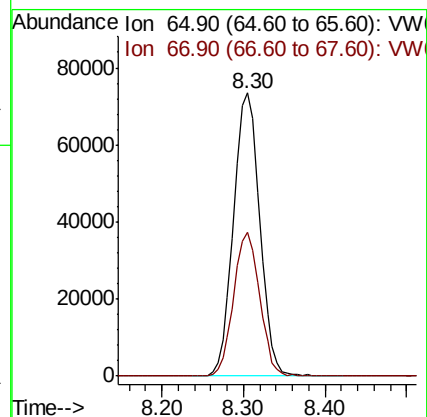
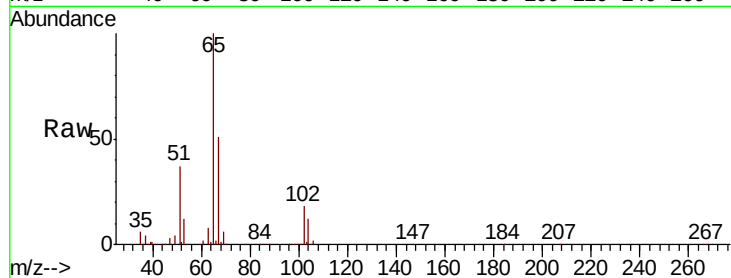




#33
 1,2-Dichloroethane-d4
 Concen: 56.632 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012606.D
 Acq: 04 Sep 2019 21:56

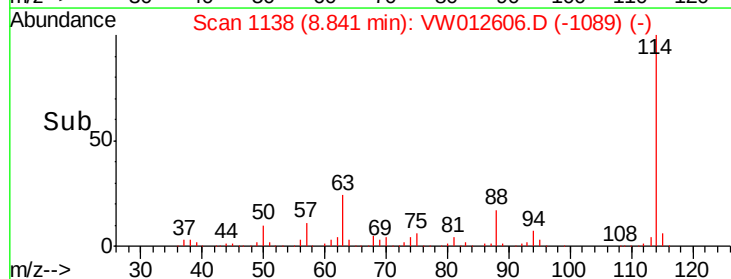
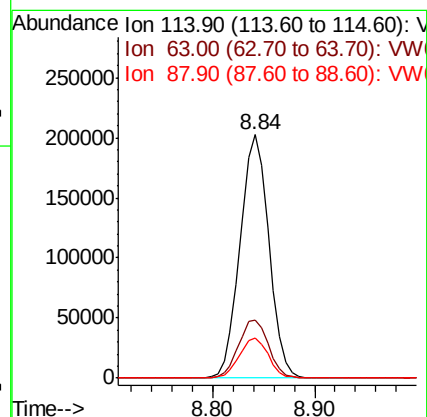
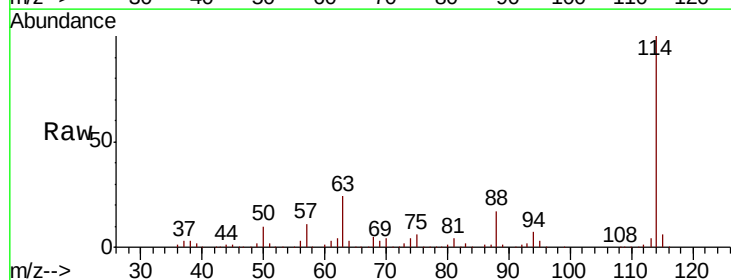
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-E1-(0)

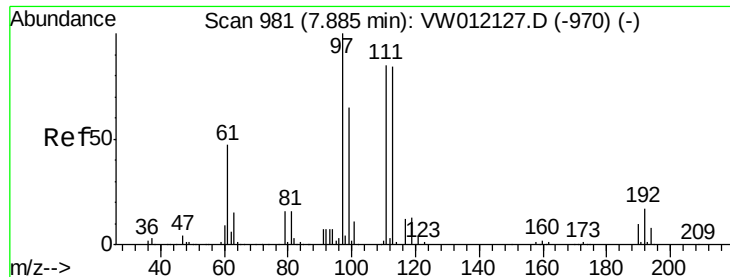
Tgt Ion: 65 Resp: 162729
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012606.D
 Acq: 04 Sep 2019 21:56

Tgt Ion: 114 Resp: 396749
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 48.6
 88 16.7 0.0 32.2

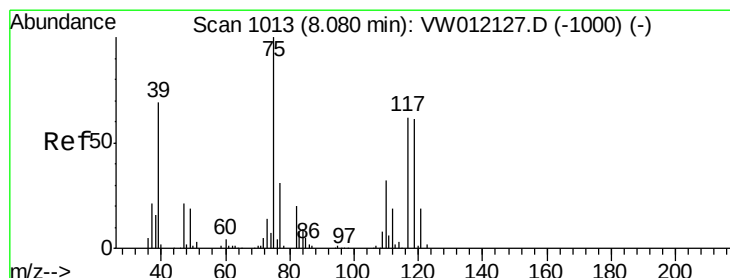
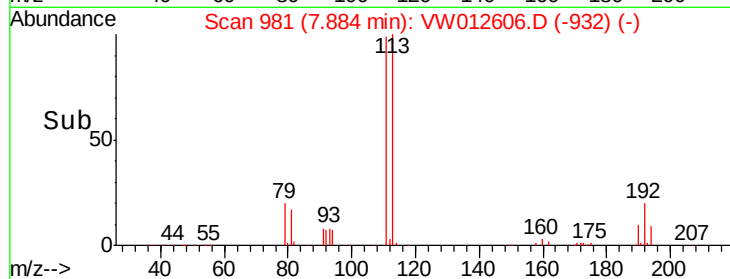
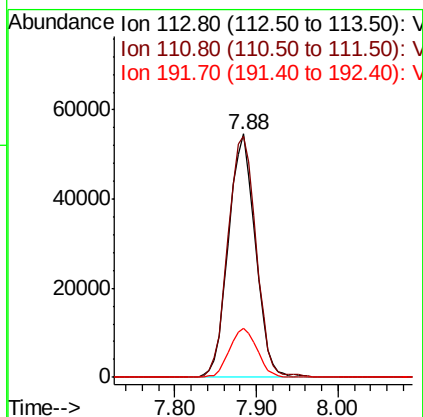
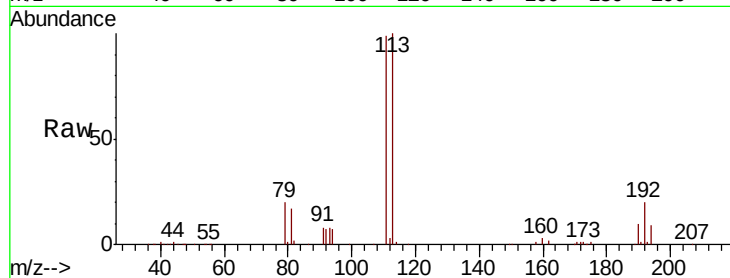




#35
 Dibromofluoromethane
 Concen: 52.321 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012606.D
 Acq: 04 Sep 2019 21:56

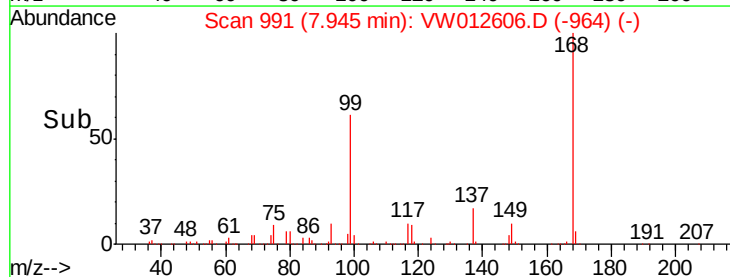
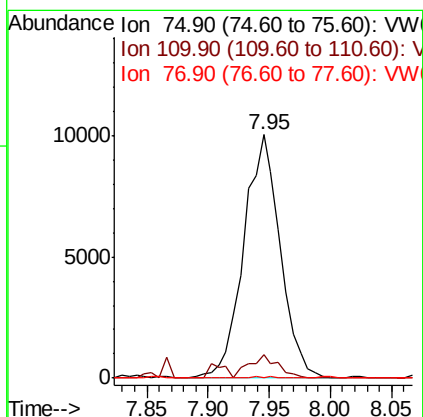
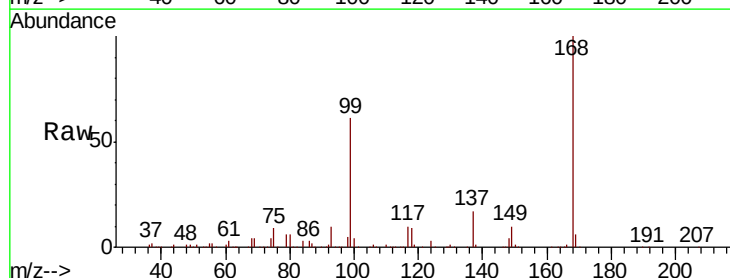
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-E1-(0)

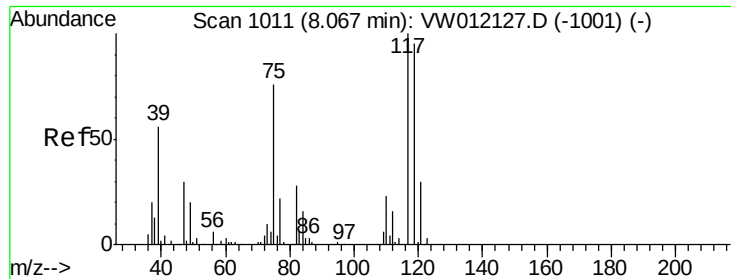
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	20.7	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.073 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012606.D
 Acq: 04 Sep 2019 21:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	15.6	46.8#
77	0.2	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.972 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012606.D

Acq: 04 Sep 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

T12-E1-(0)

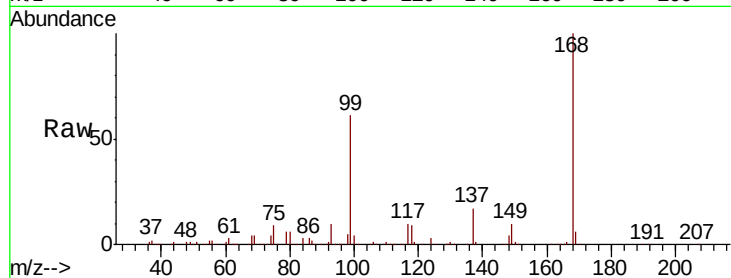
Tgt Ion:117 Resp: 24740

Ion Ratio Lower Upper

117 100

119 4.9 76.2 114.2#

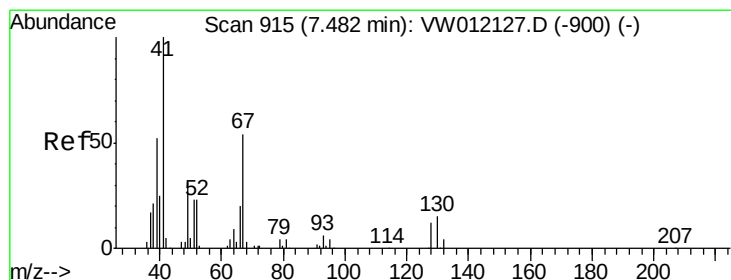
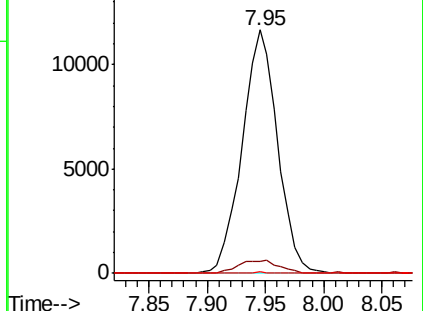
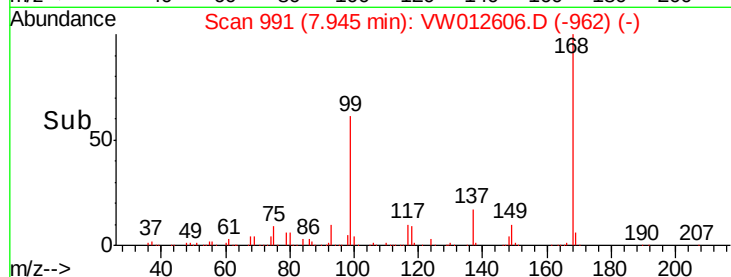
121 0.5 23.8 35.8#



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: 2.460 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.06 min

Lab File: VW012606.D

Acq: 04 Sep 2019 21:56

Tgt Ion: 41 Resp: 3248

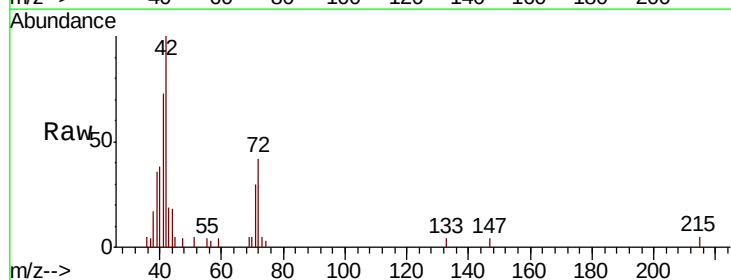
Ion Ratio Lower Upper

41 100

39 60.1 45.8 68.8

67 0.0 46.2 69.4#

52 0.8 21.0 31.6#

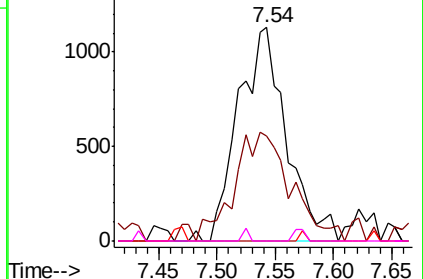
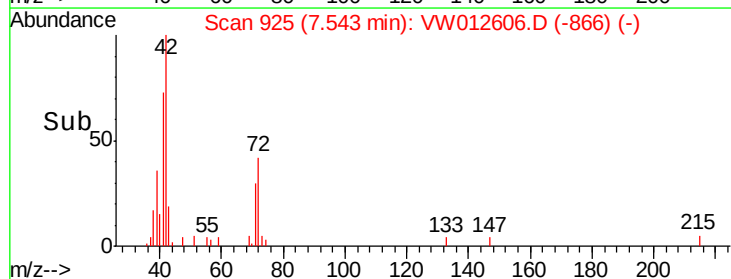


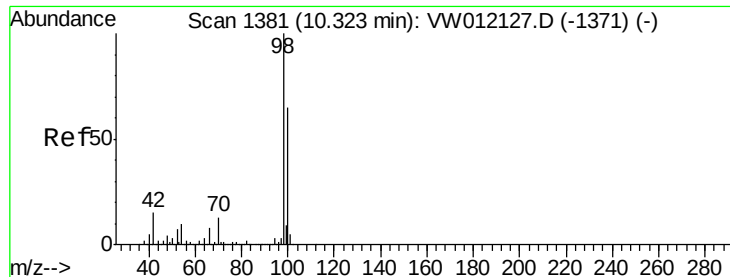
Abundance Ion 41.00 (40.70 to 41.70): VW

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

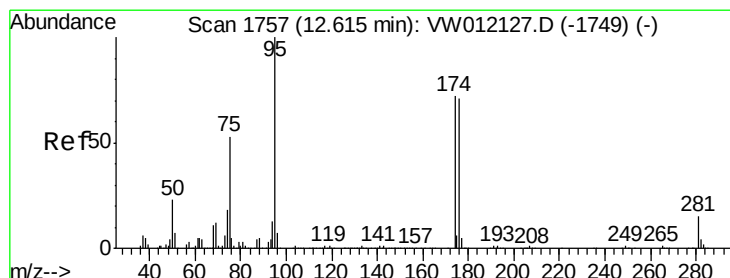
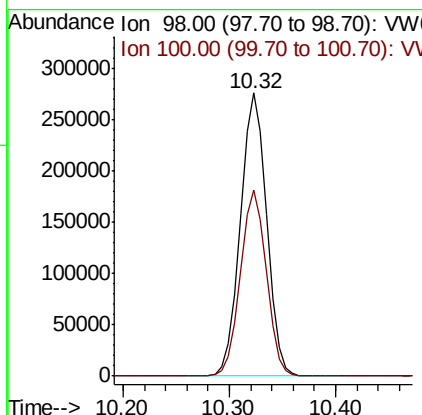
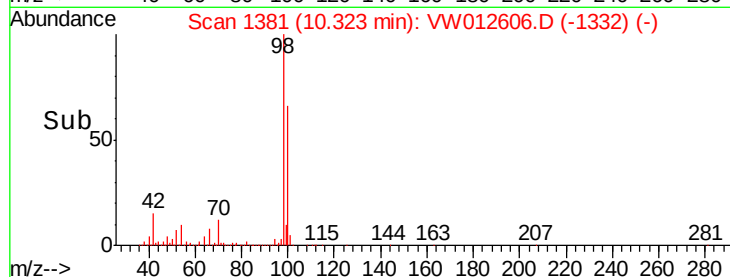
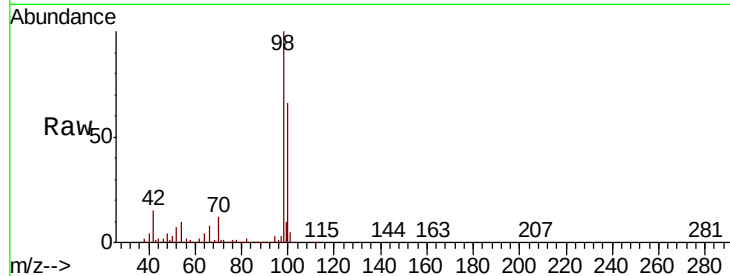




#50
Toluene-d8
Concen: 49.901 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012606.D
Acq: 04 Sep 2019 21:56

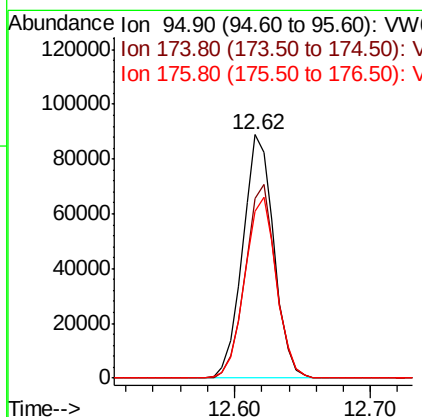
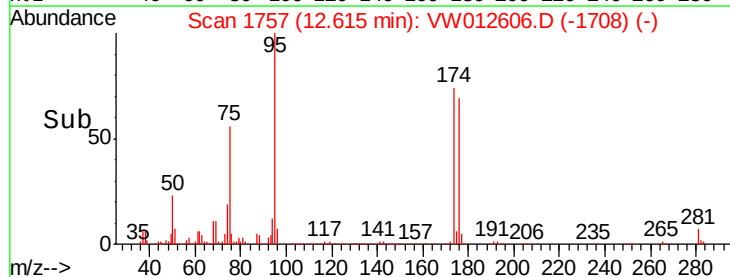
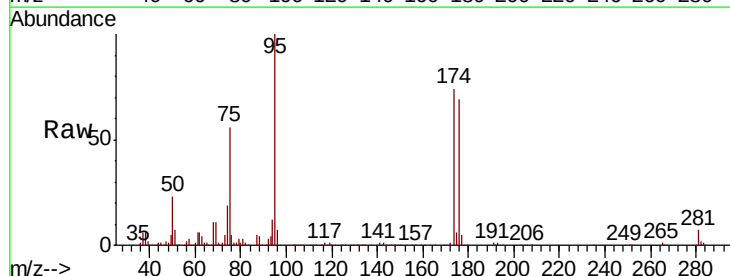
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T12-E1-(0)

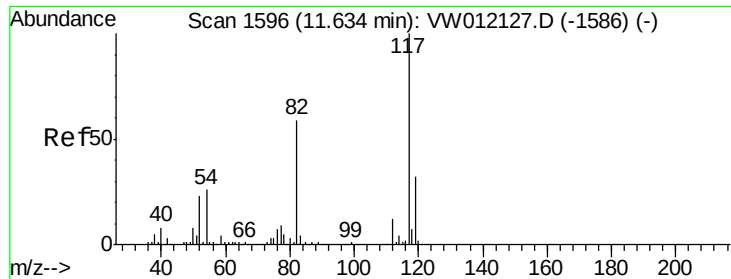
Tgt Ion: 98 Resp: 479167
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.866 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012606.D
Acq: 04 Sep 2019 21:56

Tgt Ion: 95 Resp: 141708
Ion Ratio Lower Upper
95 100
174 79.0 0.0 150.8
176 76.0 0.0 148.6

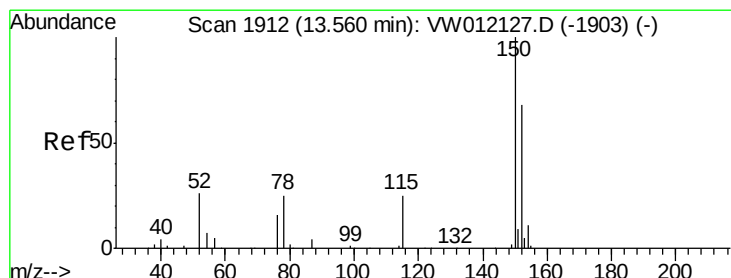
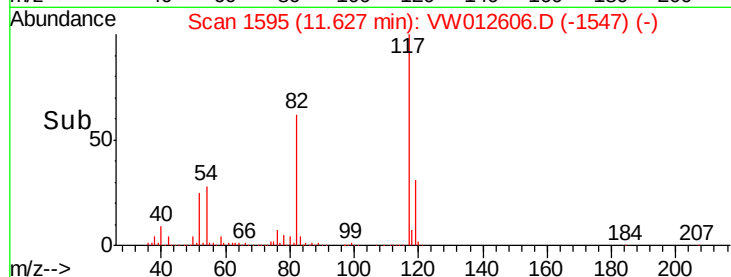
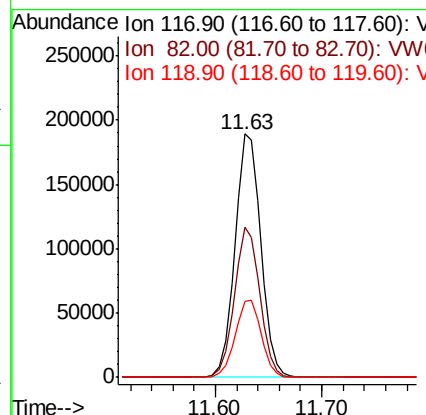
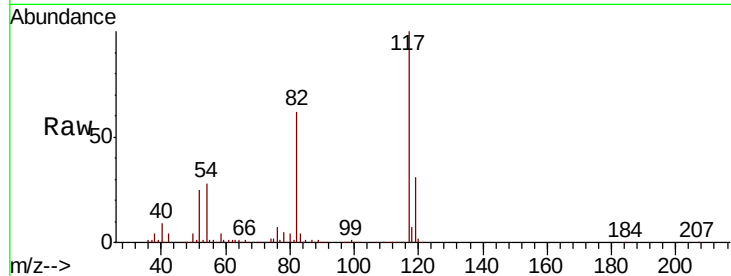




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012606.D
Acq: 04 Sep 2019 21:56

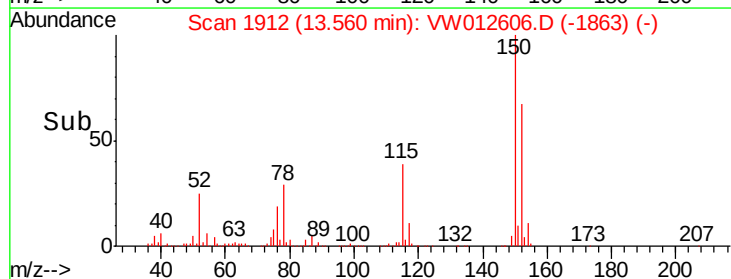
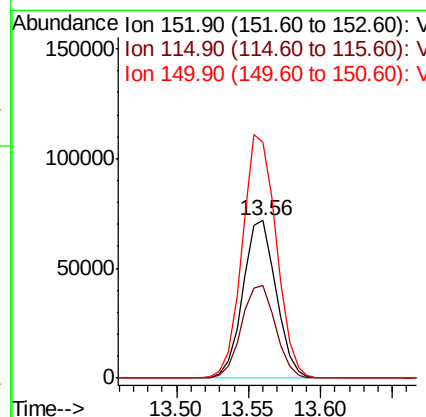
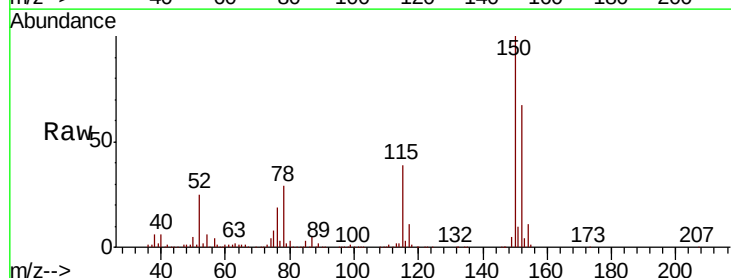
Instrument :
MSVOA_W
ClientSampleId :
T12-E1-(0)

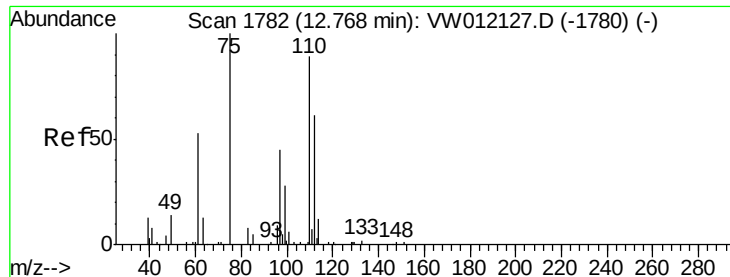
Tgt Ion:117 Resp: 322092
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012606.D
Acq: 04 Sep 2019 21:56

Tgt Ion:152 Resp: 114824
Ion Ratio Lower Upper
152 100
115 60.5 30.1 90.3
150 157.7 0.0 345.8

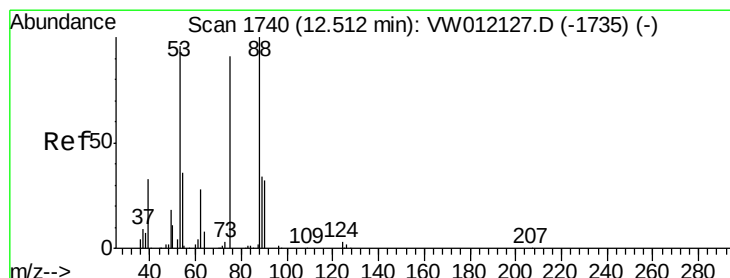
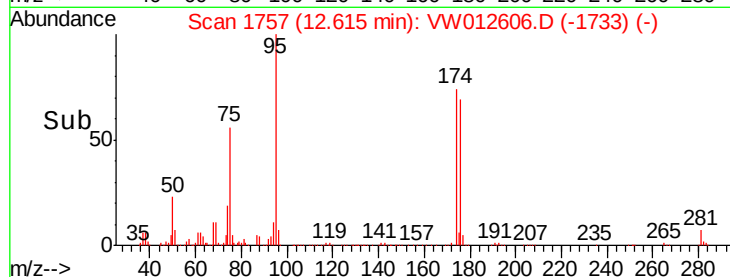
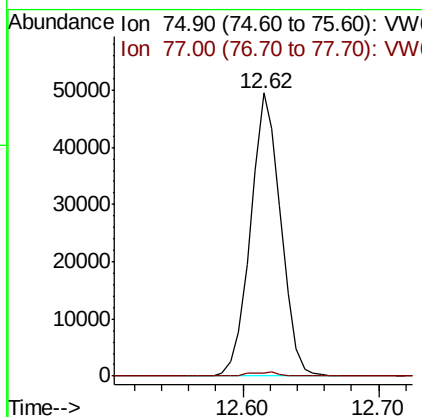
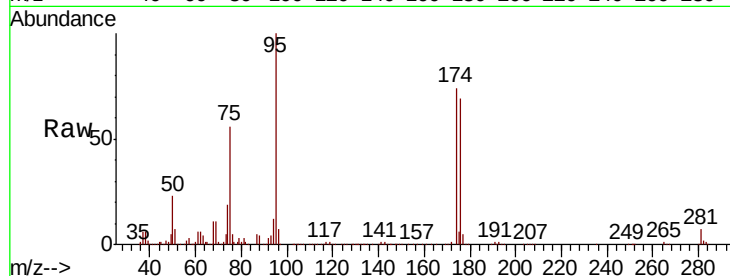




#76
 1,2,3-Trichloropropane
 Concen: 68.701 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012606.D
 Acq: 04 Sep 2019 21:56

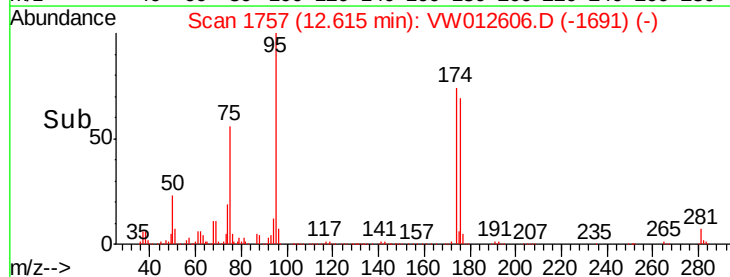
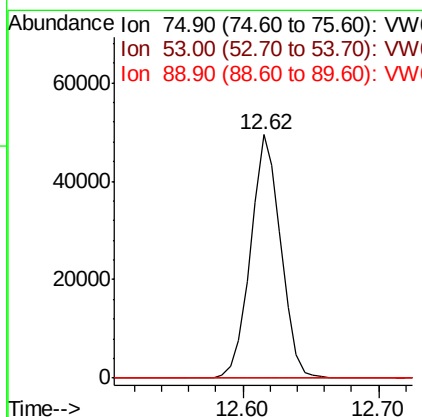
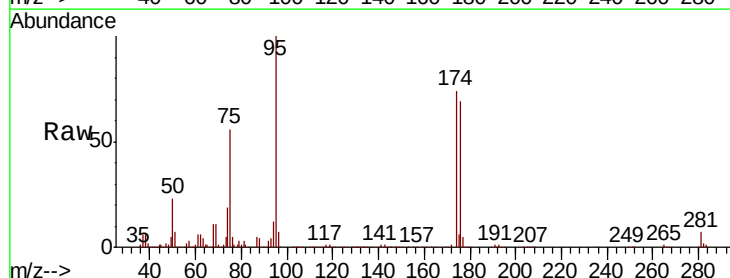
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-E1-(0)

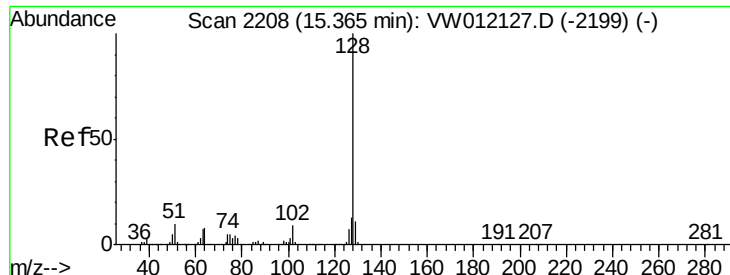
Tgt Ion: 75 Resp: 76829
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 150.630 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012606.D
 Acq: 04 Sep 2019 21:56

Tgt Ion: 75 Resp: 76829
 Ion Ratio Lower Upper
 75 100
 53 0.3 89.4 134.0#
 89 0.0 34.5 51.7#





#95

Naphthalene

Concen: 4.364 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW012606.D

Acq: 04 Sep 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

T12-E1-(0)

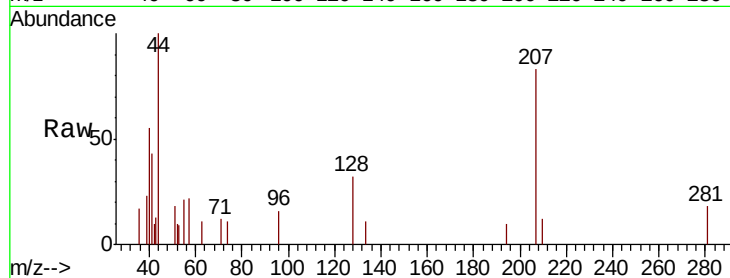
Tgt Ion:128 Resp: 203

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

