

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080819\
 Data File : VW011747.D
 Acq On : 07 Aug 2019 13:31
 Operator : SY/VA
 Sample : K4165-01
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CP-MW3-S-8-12-SOIL

Quant Time: Aug 08 08:40:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116242	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	132084	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	
35) Dibromofluoromethane	7.88	113	109212	54.62	ug/l	0.00
Spiked Amount			Recovery	=	109.24%	
50) Toluene-d8	10.32	98	433227	52.92	ug/l	0.00
Spiked Amount			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.62	95	134532	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	

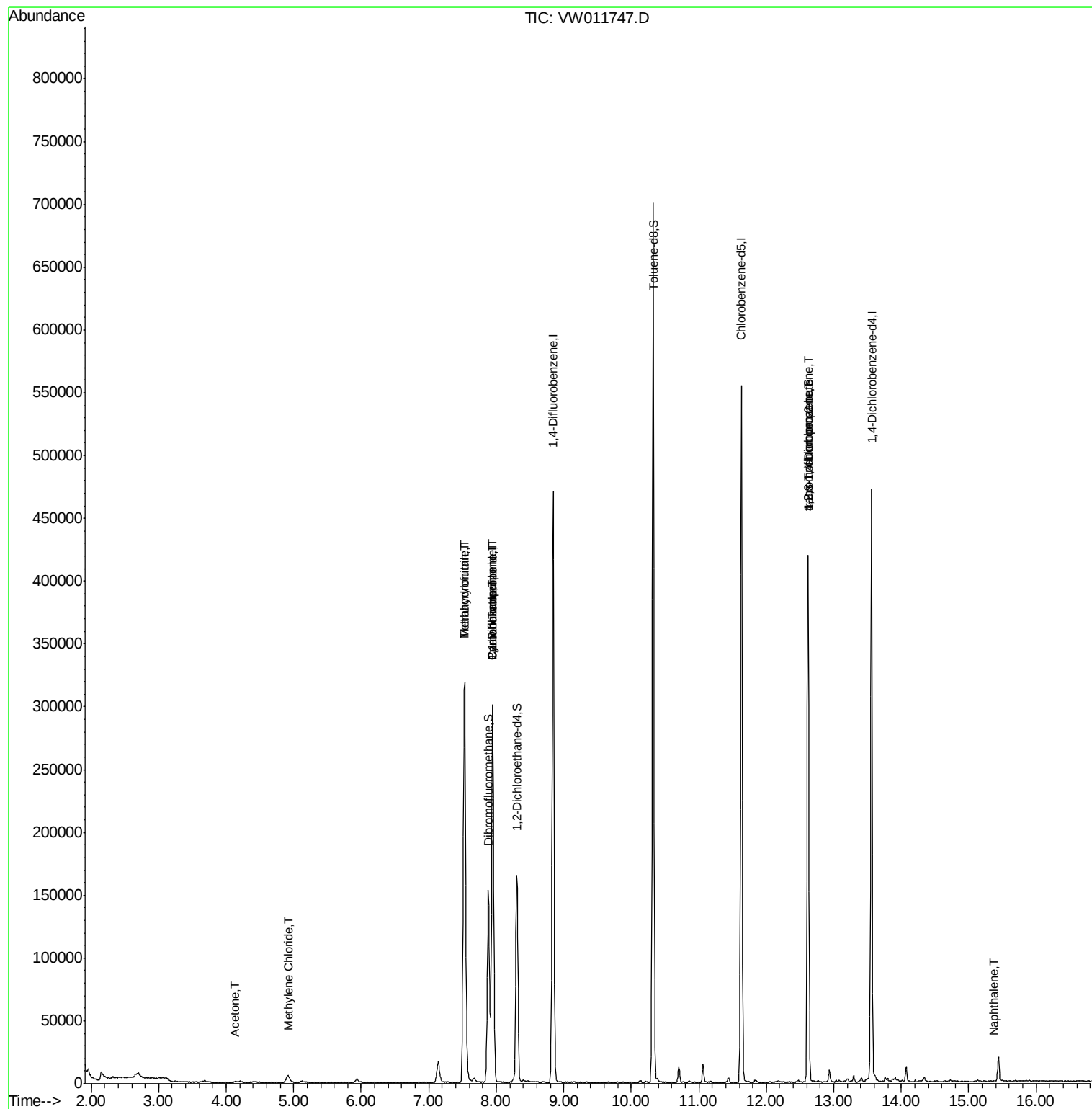
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	155	Below Cal	#	94
16) Acetone	4.13	43	1639	2.057	ug/l #	79
20) Methylene Chloride	4.91	84	4272	1.554	ug/l	82
29) Tetrahydrofuran	7.53	42	271464	455.432	ug/l	100
31) Cyclohexane	7.95	56	5565	1.188	ug/l #	6
36) 1,1-Dichloropropene	7.95	75	19037	5.137	ug/l #	52
38) Carbon Tetrachloride	7.95	117	22251	7.014	ug/l #	17
41) Methacrylonitrile	7.53	41	153934	120.786	ug/l #	51
76) 1,2,3-Trichloropropane	12.62	75	73000	59.351	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73000	136.783	ug/l #	6
95) Naphthalene	15.37	128	782	2.229	ug/l #	77

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

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CP-MW3-S-8-12-SOIL

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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: VW011747.D

Acq: 07 Aug 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

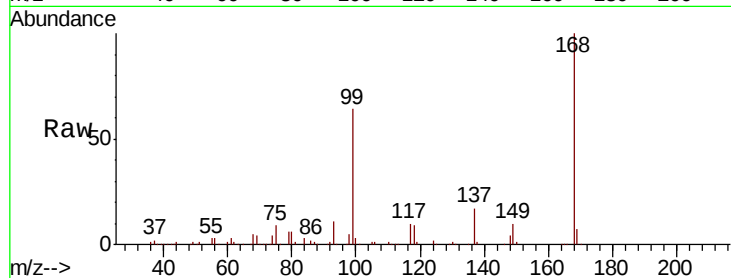
CP-MW3-S-8-12-SOIL

Tgt Ion:168 Resp: 218172

Ion Ratio Lower Upper

168 100

99 63.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

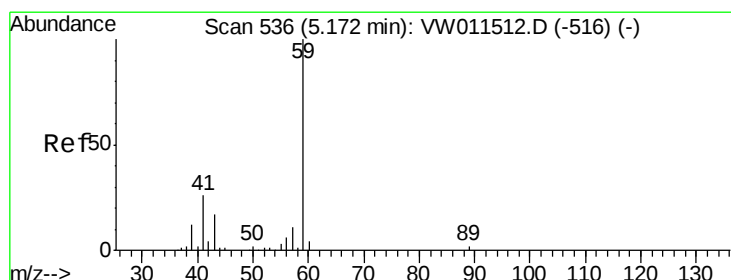
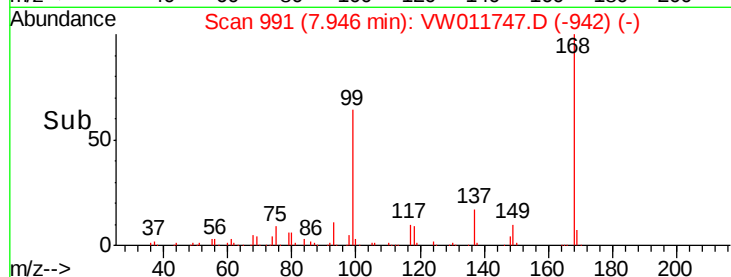
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 539

Delta R.T. 0.02 min

Lab File: VW011747.D

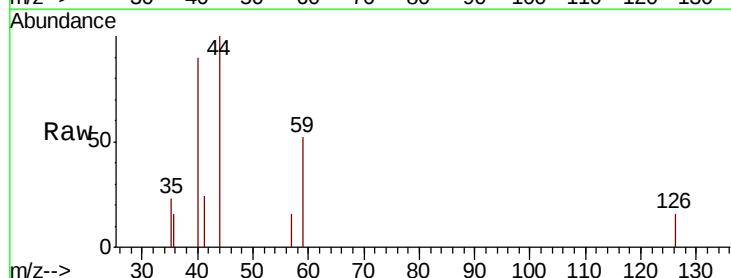
Acq: 07 Aug 2019 13:31

Tgt Ion: 59 Resp: 155

Ion Ratio Lower Upper

59 100

57 12.9 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

200

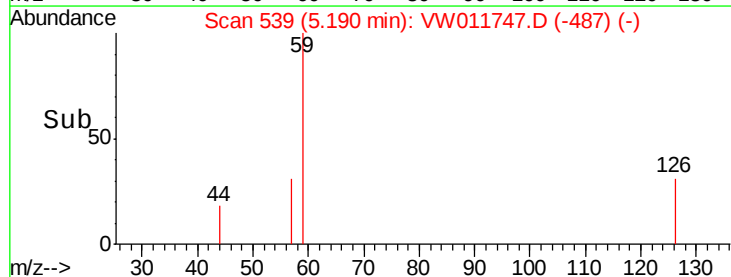
150

100

50

0

Time-->





#16

Acetone

Concen: 2.057 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011747.D

Acq: 07 Aug 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

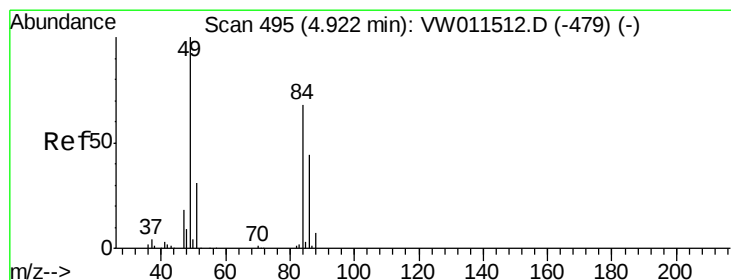
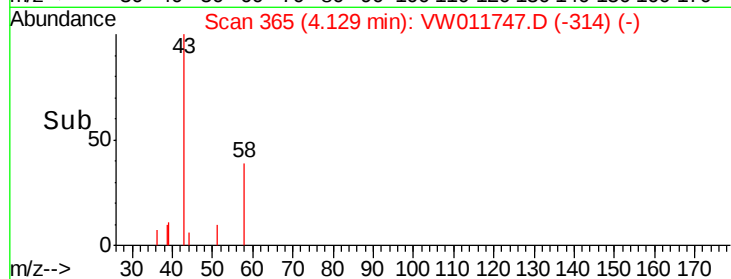
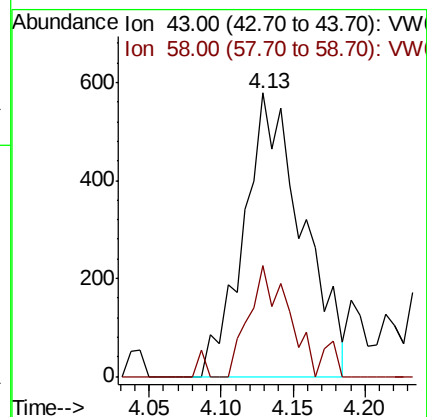
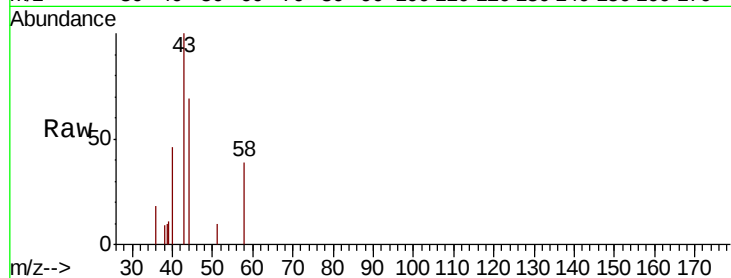
CP-MW3-S-8-12-SOIL

Tgt Ion: 43 Resp: 1639

Ion Ratio Lower Upper

43 100

58 39.1 22.3 33.5#



#20

Methylene Chloride

Concen: 1.554 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011747.D

Acq: 07 Aug 2019 13:31

Tgt Ion: 84 Resp: 4272

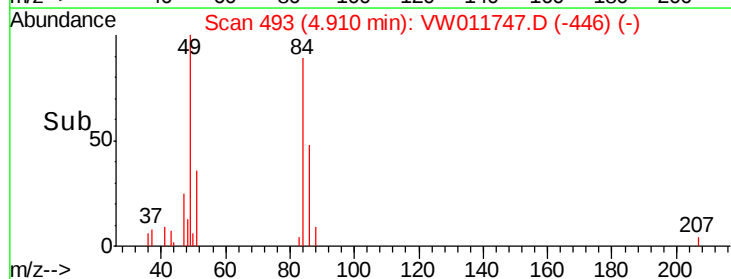
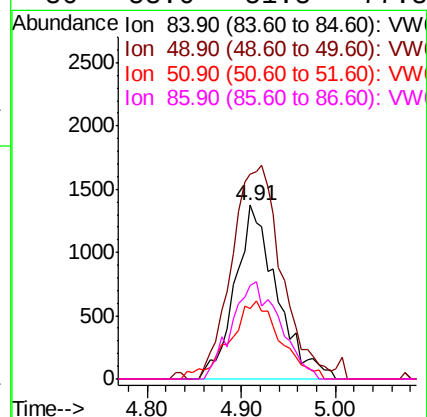
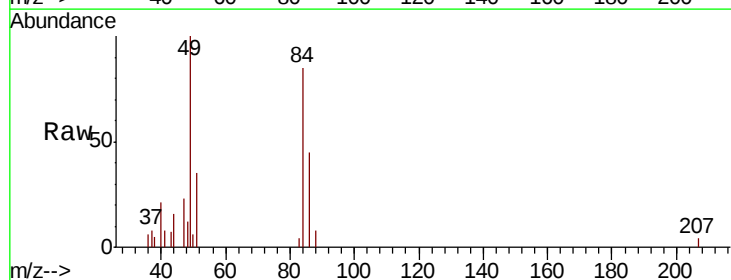
Ion Ratio Lower Upper

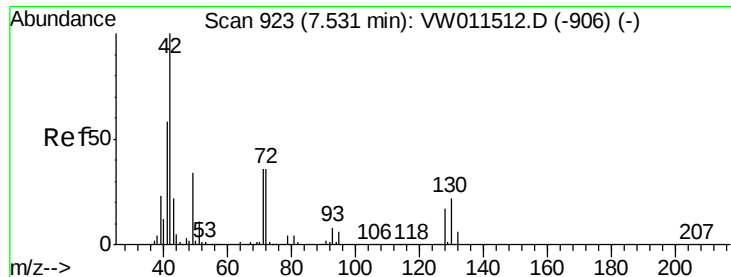
84 100

49 118.0 117.8 176.6

51 40.7 37.0 55.4

86 53.6 51.8 77.8

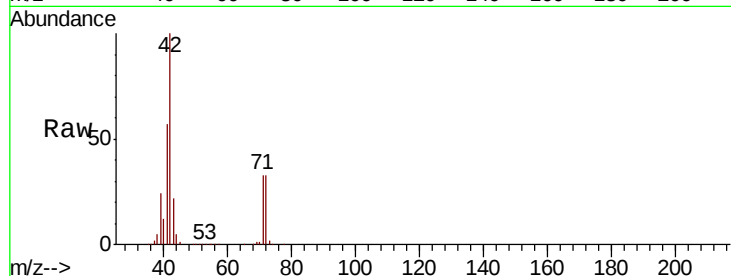




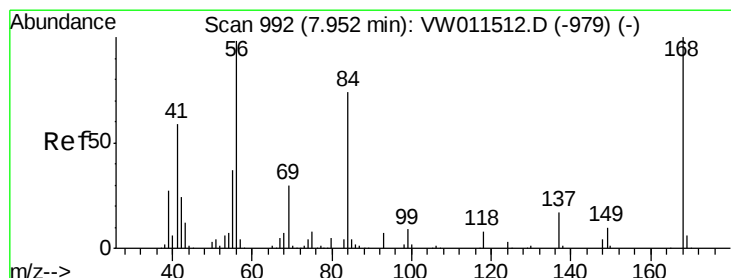
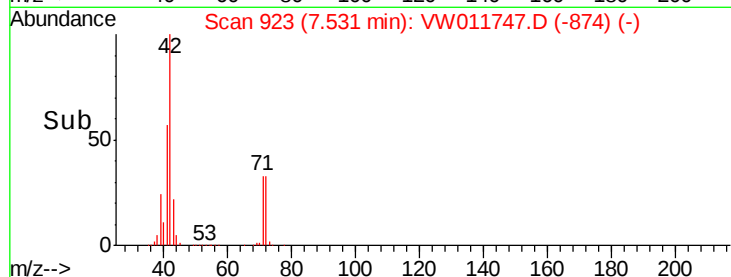
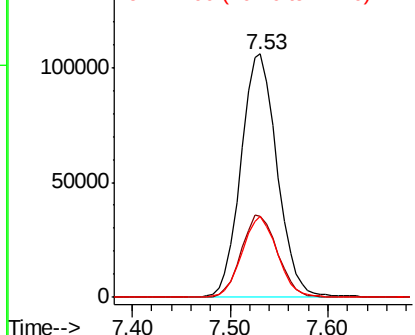
#29
Tetrahydrofuran
Concen: 455.432 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW011747.D
Acq: 07 Aug 2019 13:31

Instrument :
MSVOA_W
ClientSampleId :
CP-MW3-S-8-12-SOIL

Tgt Ion: 42 Resp: 271464
Ion Ratio Lower Upper
42 100
72 34.0 27.1 40.7
71 32.5 26.2 39.4

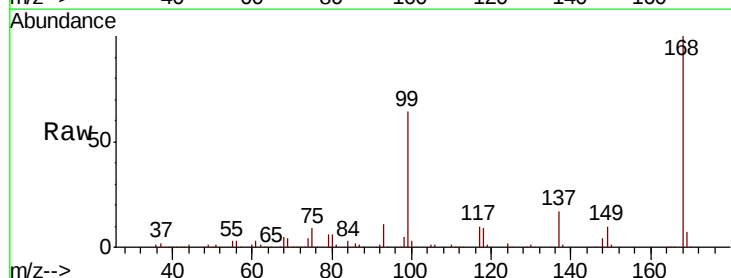


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

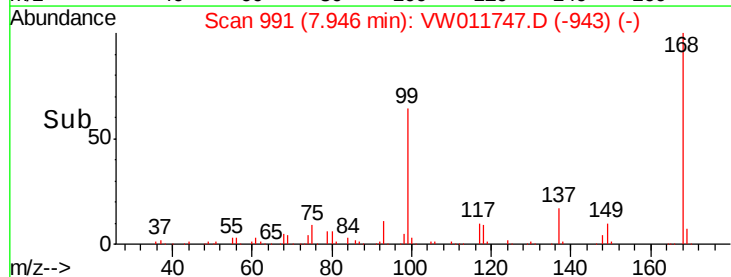
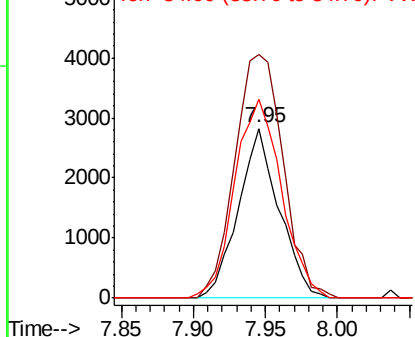


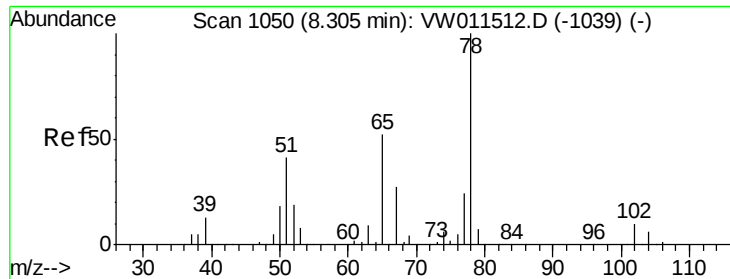
#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011747.D
Acq: 07 Aug 2019 13:31

Tgt Ion: 56 Resp: 5565
Ion Ratio Lower Upper
56 100
69 143.5 24.3 36.5#
84 117.3 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

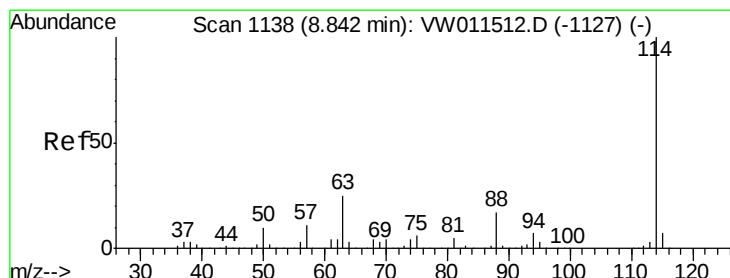
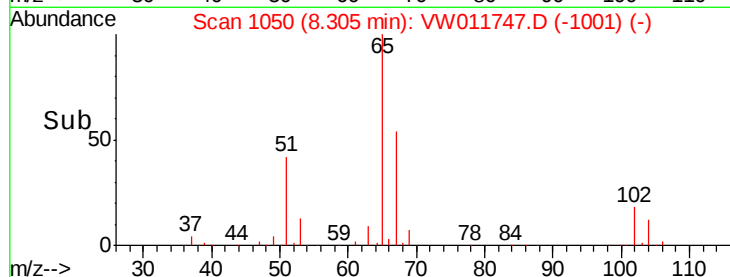
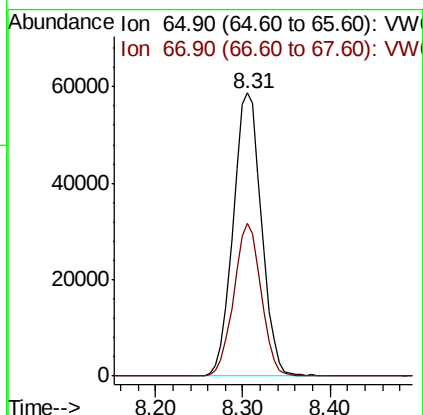
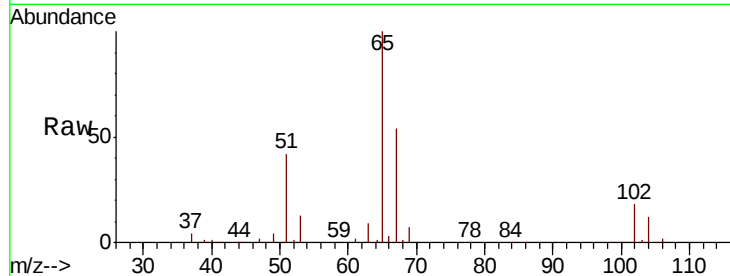




#33
 1,2-Dichloroethane-d4
 Concen: 52.723 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011747.D
 Acq: 07 Aug 2019 13:31

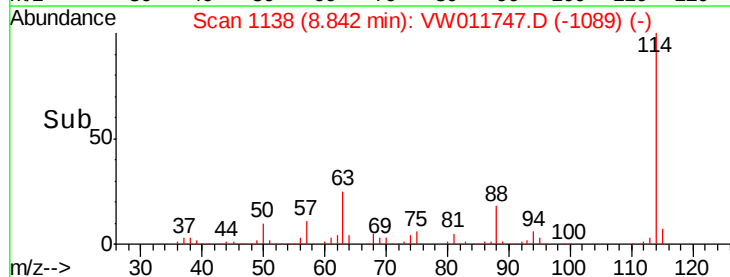
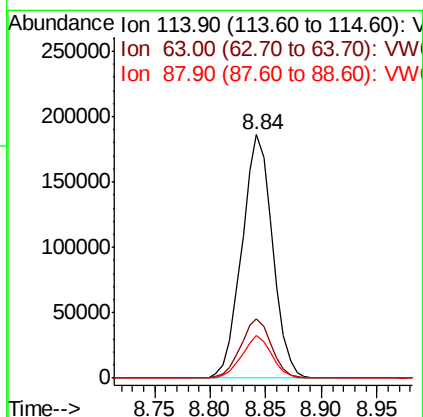
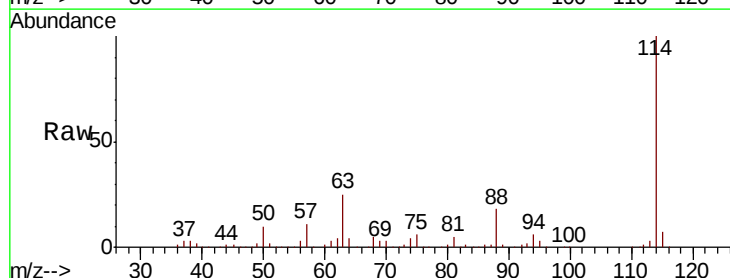
Instrument :
 MSVOA_W
 ClientSampleId :
 CP-MW3-S-8-12-SOIL

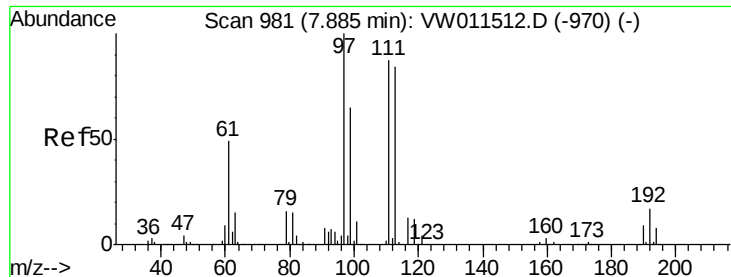
Tgt Ion: 65 Resp: 132084
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011747.D
 Acq: 07 Aug 2019 13:31

Tgt Ion: 114 Resp: 356378
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 17.5 0.0 33.8

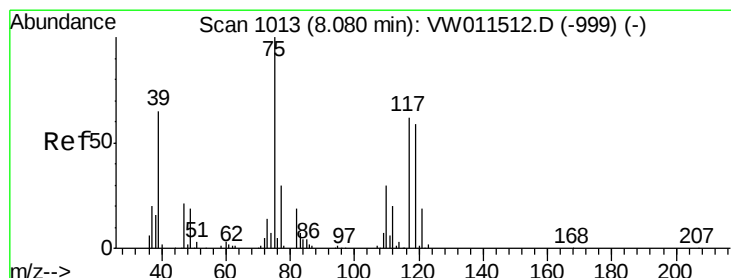
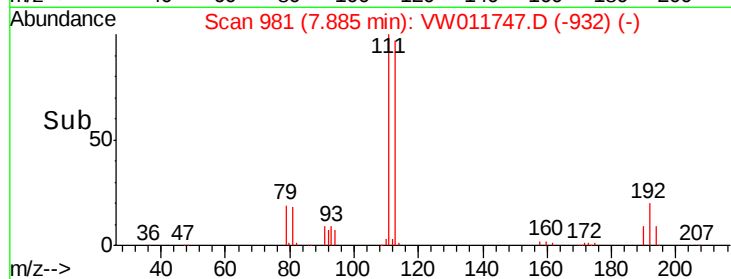
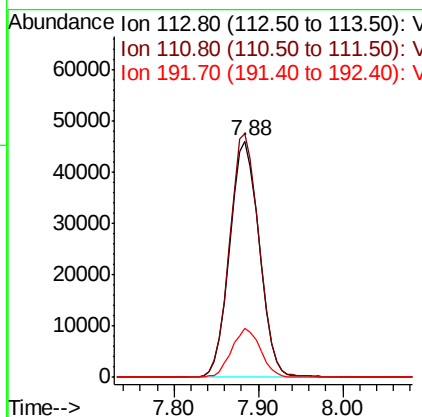
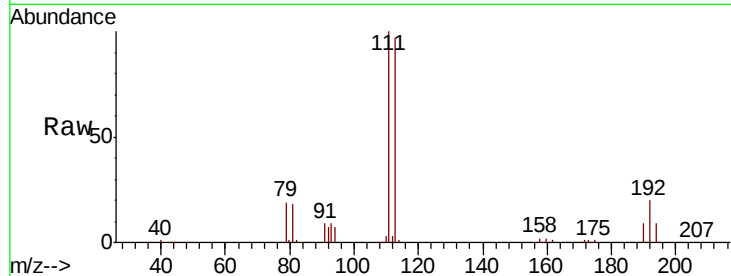




#35
 Dibromofluoromethane
 Concen: 54.624 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011747.D
 Acq: 07 Aug 2019 13:31

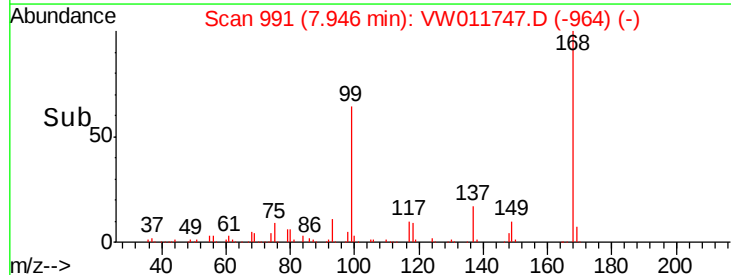
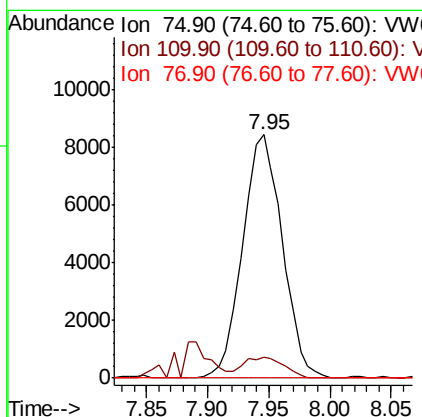
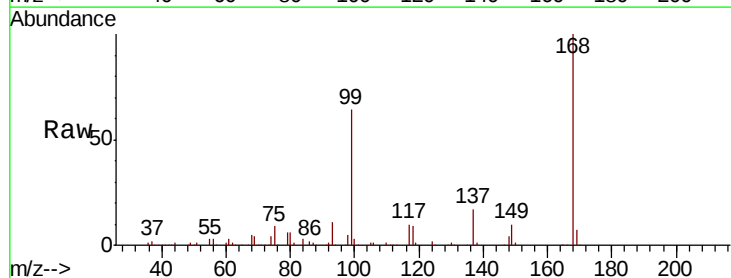
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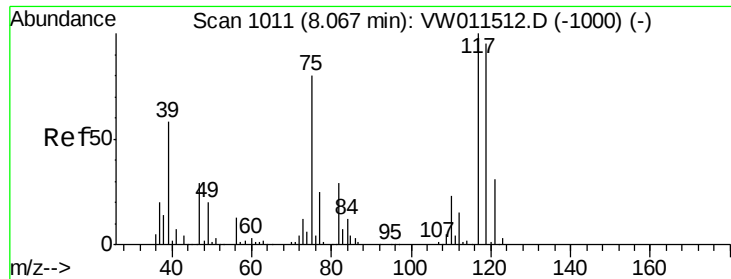
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	20.1	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 5.137 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011747.D
 Acq: 07 Aug 2019 13:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	15.6	46.8#
77	0.0	24.3	36.5#

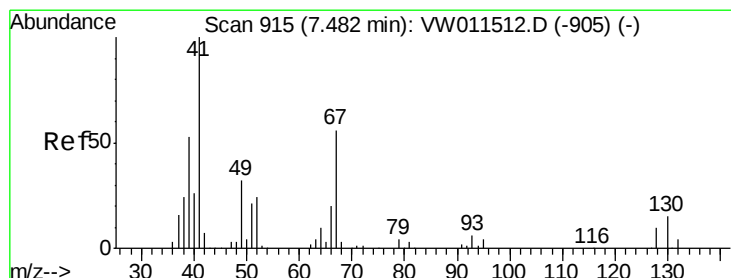
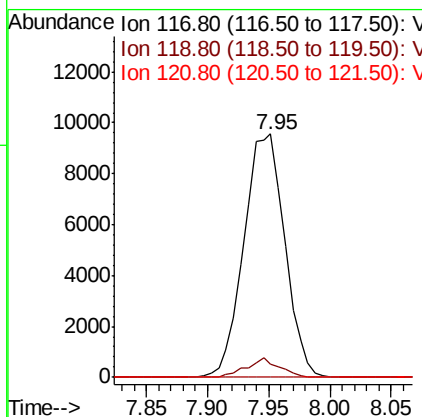
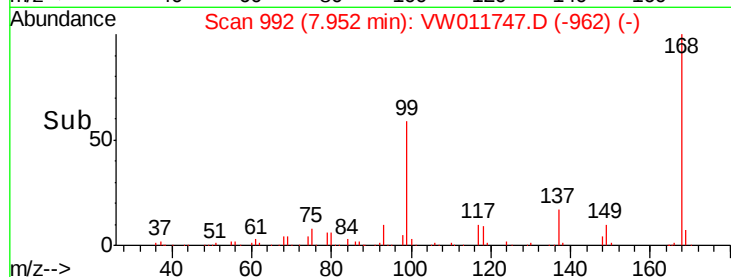
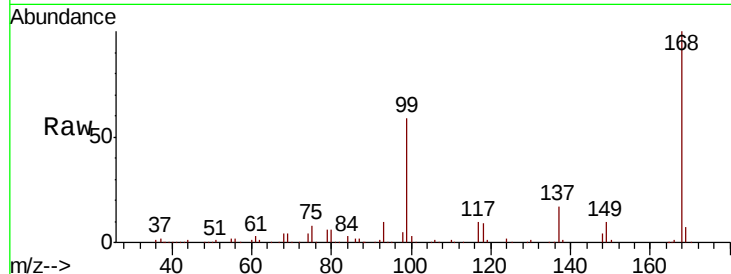




#38
Carbon Tetrachloride
Concen: 7.014 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW011747.D
Acq: 07 Aug 2019 13:31

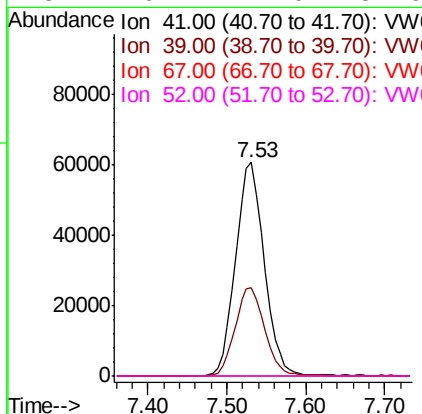
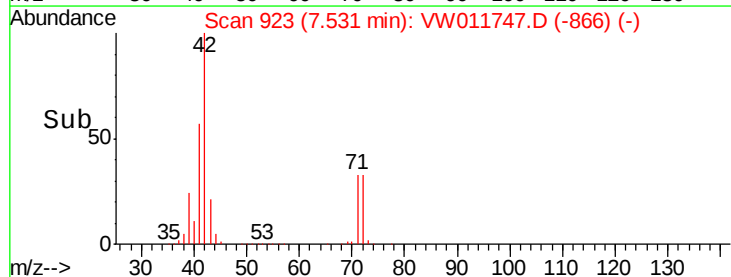
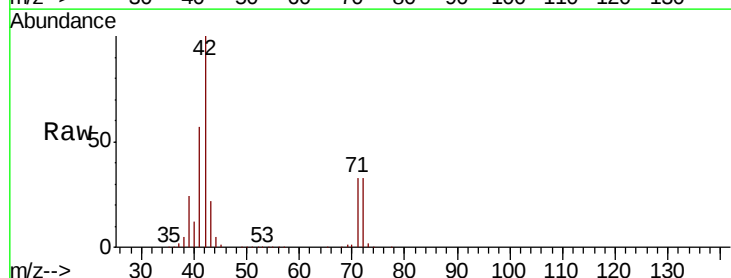
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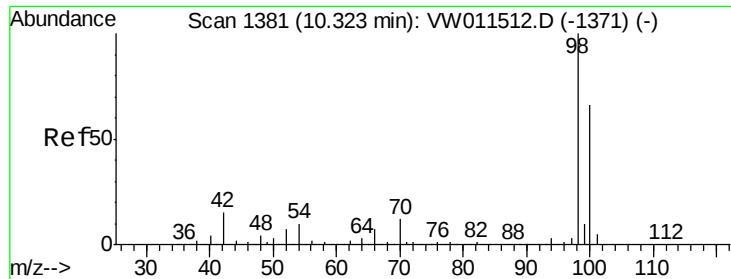
Tgt Ion: 117 Resp: 22251
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.7 37.1#



#41
Methacrylonitrile
Concen: 120.786 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.05 min
Lab File: VW011747.D
Acq: 07 Aug 2019 13:31

Tgt Ion: 41 Resp: 153934
Ion Ratio Lower Upper
41 100
39 42.5 43.0 64.4#
67 0.0 47.5 71.3#
52 0.1 21.0 31.6#

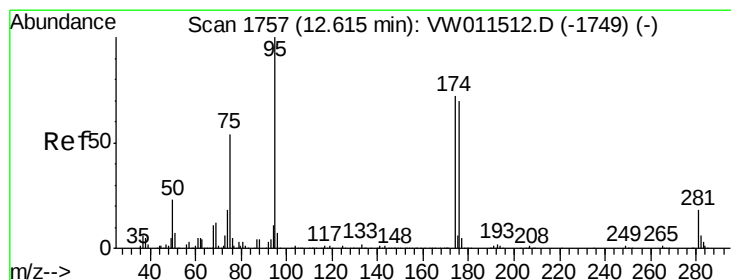
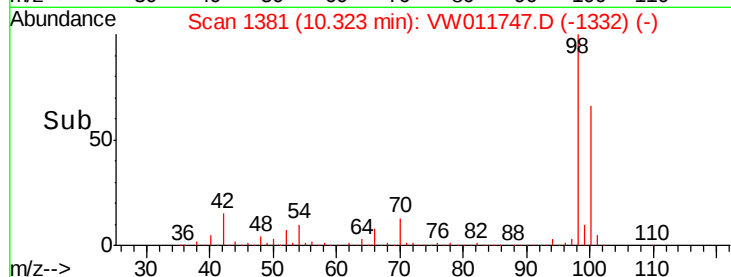
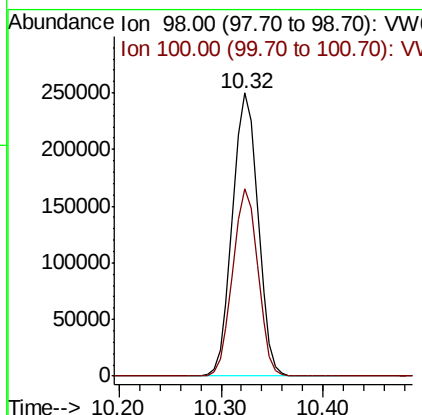
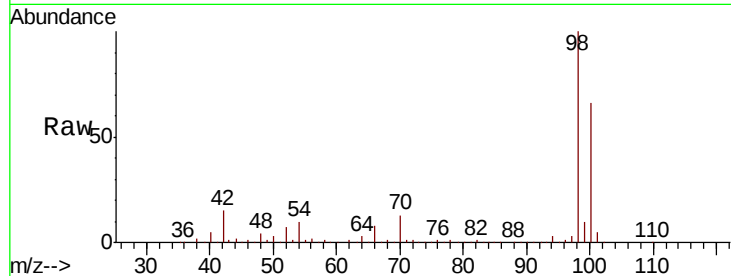




#50
Toluene-d8
Concen: 52.924 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011747.D
Acq: 07 Aug 2019 13:31

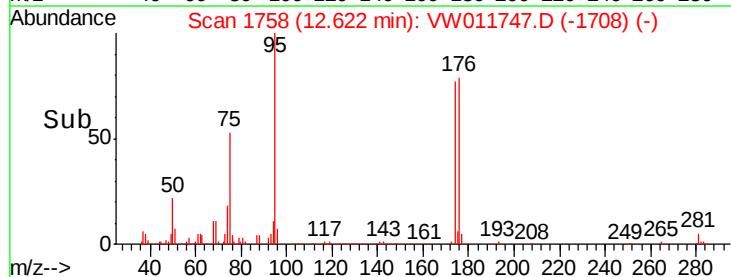
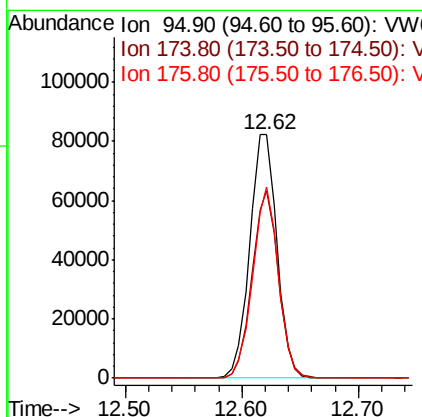
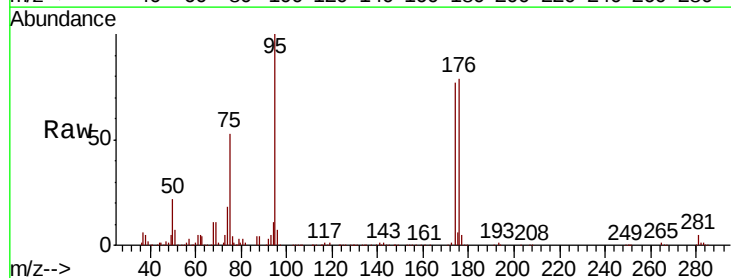
Instrument :
MSVOA_W
ClientSampleId :
CP-MW3-S-8-12-SOIL

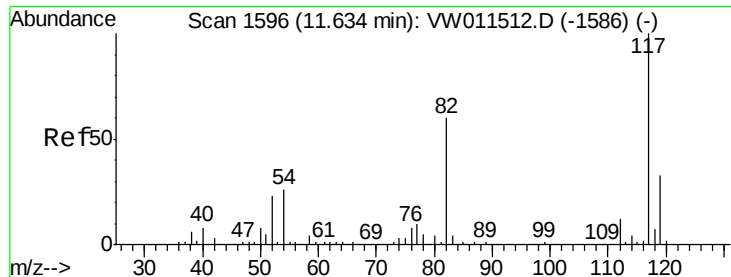
Tgt Ion: 98 Resp: 433227
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.097 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011747.D
Acq: 07 Aug 2019 13:31

Tgt Ion: 95 Resp: 134532
Ion Ratio Lower Upper
95 100
174 74.6 0.0 150.2
176 73.7 0.0 144.4

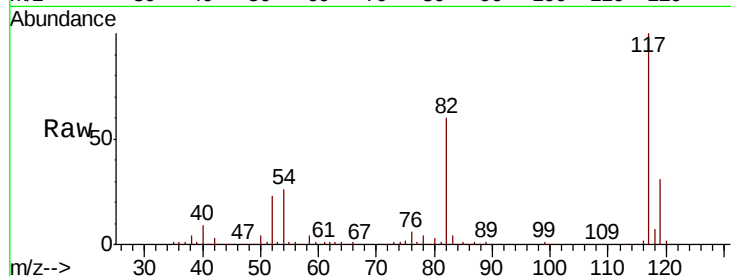




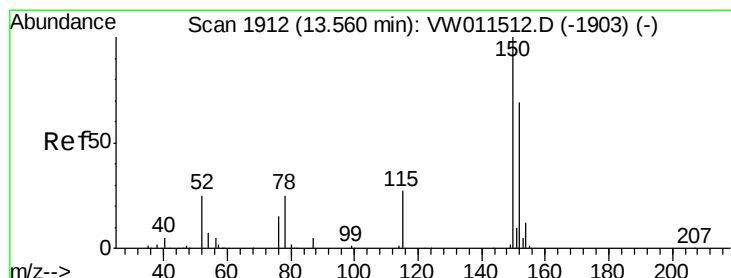
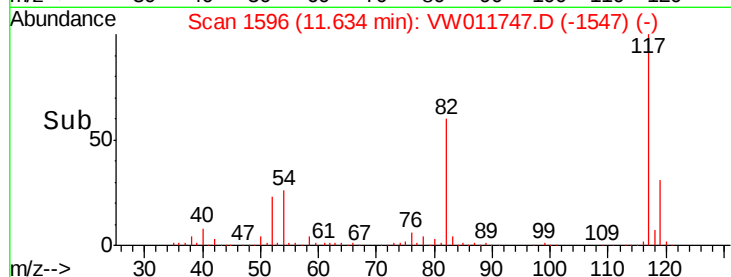
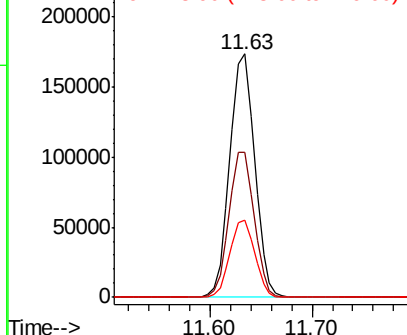
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011747.D
Acq: 07 Aug 2019 13:31

Instrument :
MSVOA_W
ClientSampleId :
CP-MW3-S-8-12-SOIL

Tgt Ion:117 Resp: 294329
Ion Ratio Lower Upper
117 100
82 59.8 47.9 71.9
119 31.5 26.2 39.2

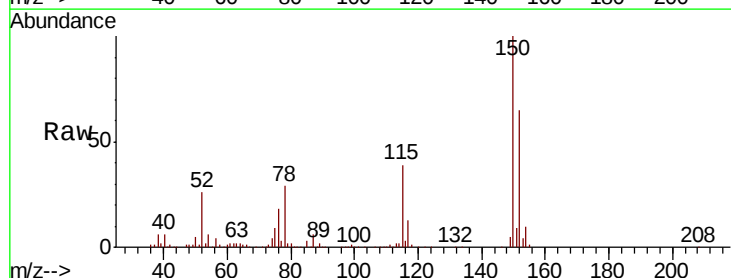


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

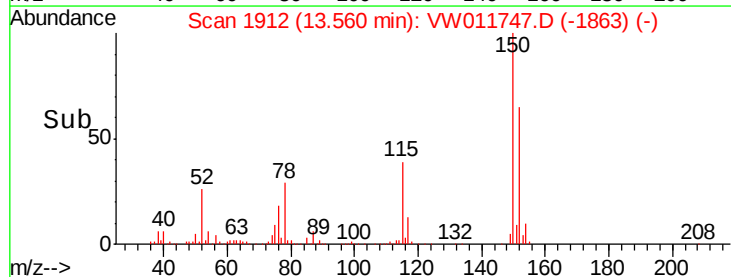
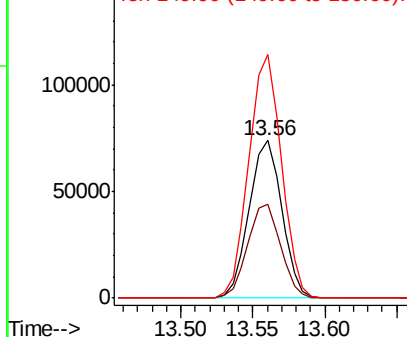


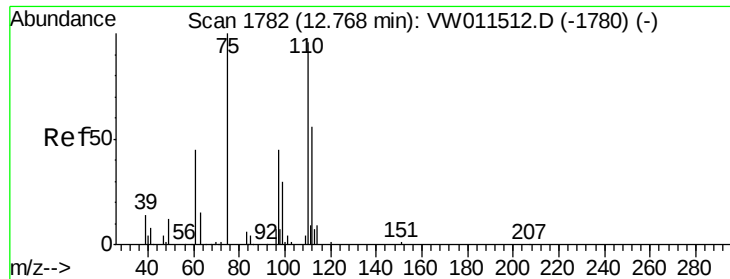
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011747.D
Acq: 07 Aug 2019 13:31

Tgt Ion:152 Resp: 116242
Ion Ratio Lower Upper
152 100
115 60.0 30.5 91.5
150 154.2 0.0 352.6



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

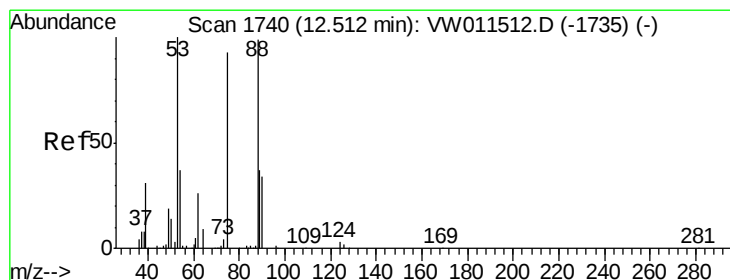
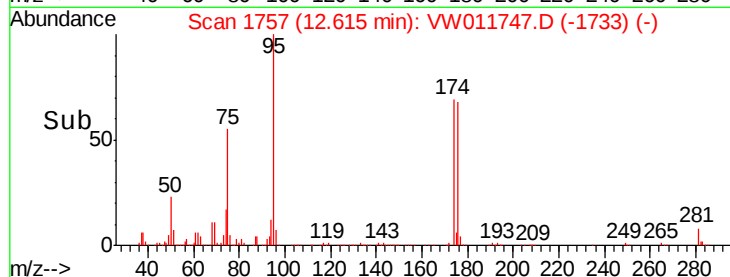
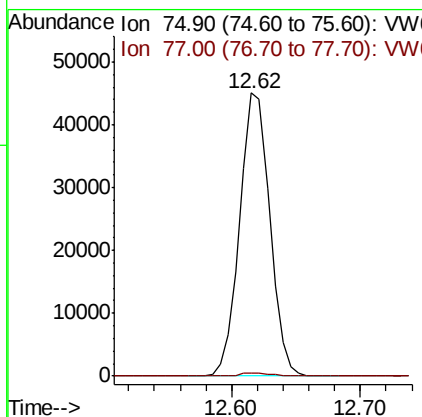
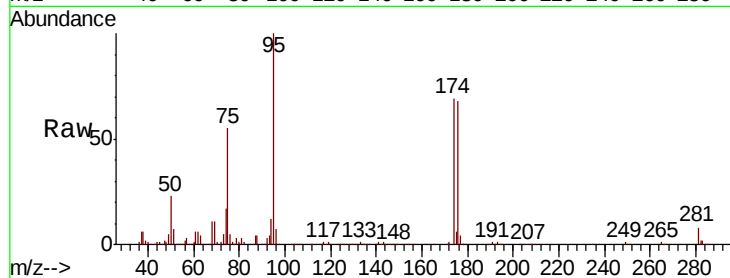




#76
 1,2,3-Trichloropropane
 Concen: 59.351 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011747.D
 Acq: 07 Aug 2019 13:31

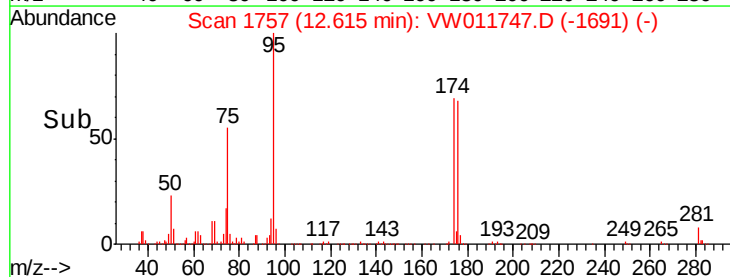
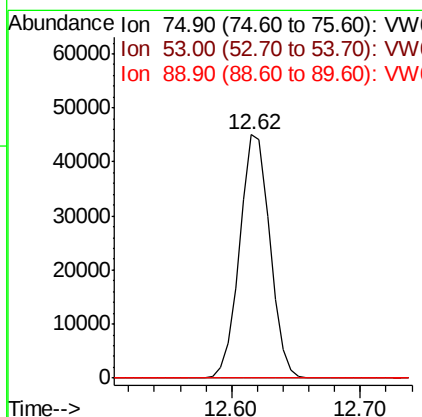
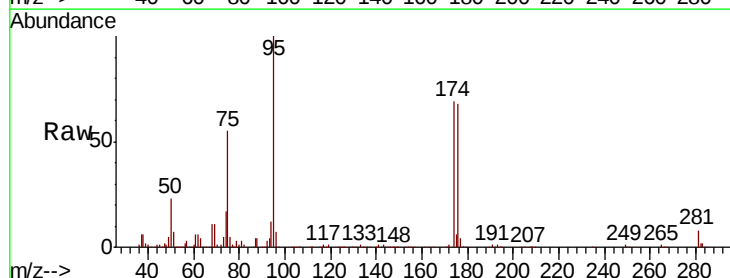
Instrument :
 MSVOA_W
 ClientSampleId :
 CP-MW3-S-8-12-SOIL

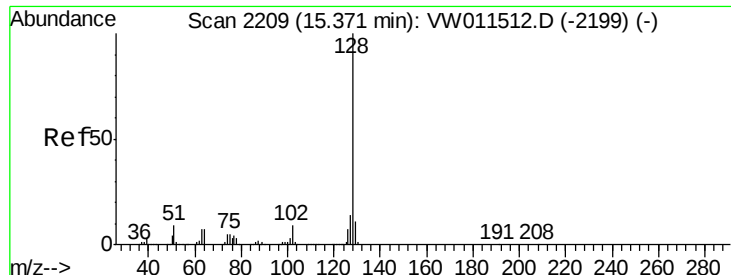
Tgt Ion: 75 Resp: 73000
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.783 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011747.D
 Acq: 07 Aug 2019 13:31

Tgt Ion: 75 Resp: 73000
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.0 132.0#
 89 0.0 35.3 52.9#





#95

Naphthalene

Concen: 2.229 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011747.D

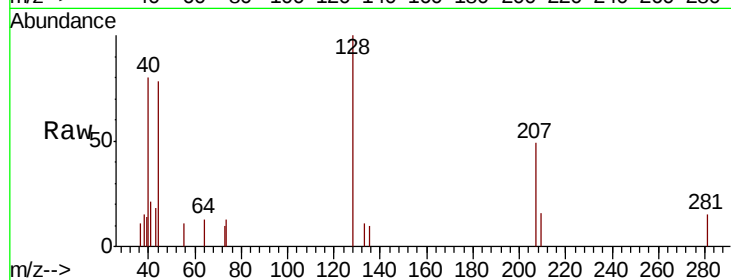
Acq: 07 Aug 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

CP-MW3-S-8-12-SOIL



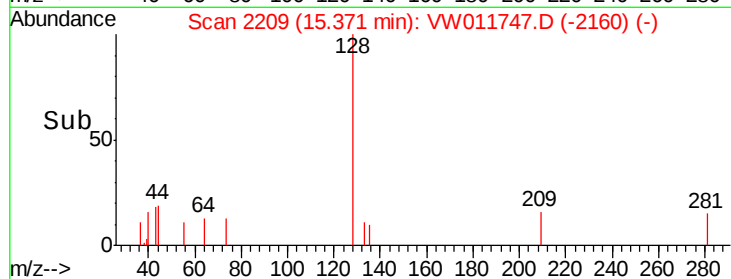
Tgt Ion:128 Resp: 782

Ion Ratio Lower Upper

128 100

127 6.0 10.6 16.0#

129 0.0 8.6 13.0#



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

