

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
 Data File : VW009085.D
 Acq On : 11 Mar 2019 14:38
 Operator : SY/VA
 Sample : K1837-01
 Misc : 6.19G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MR-MH-11-COMP

Quant Time: Mar 12 08:11:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	287163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	453069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	404287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187824	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	172051	59.55	ug/l	0.00
Spiked Amount			Recovery	=	119.10%	
35) Dibromofluoromethane	7.88	113	141643	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
50) Toluene-d8	10.32	98	547650	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.62	95	187435	42.50	ug/l	0.00
Spiked Amount			Recovery	=	85.00%	

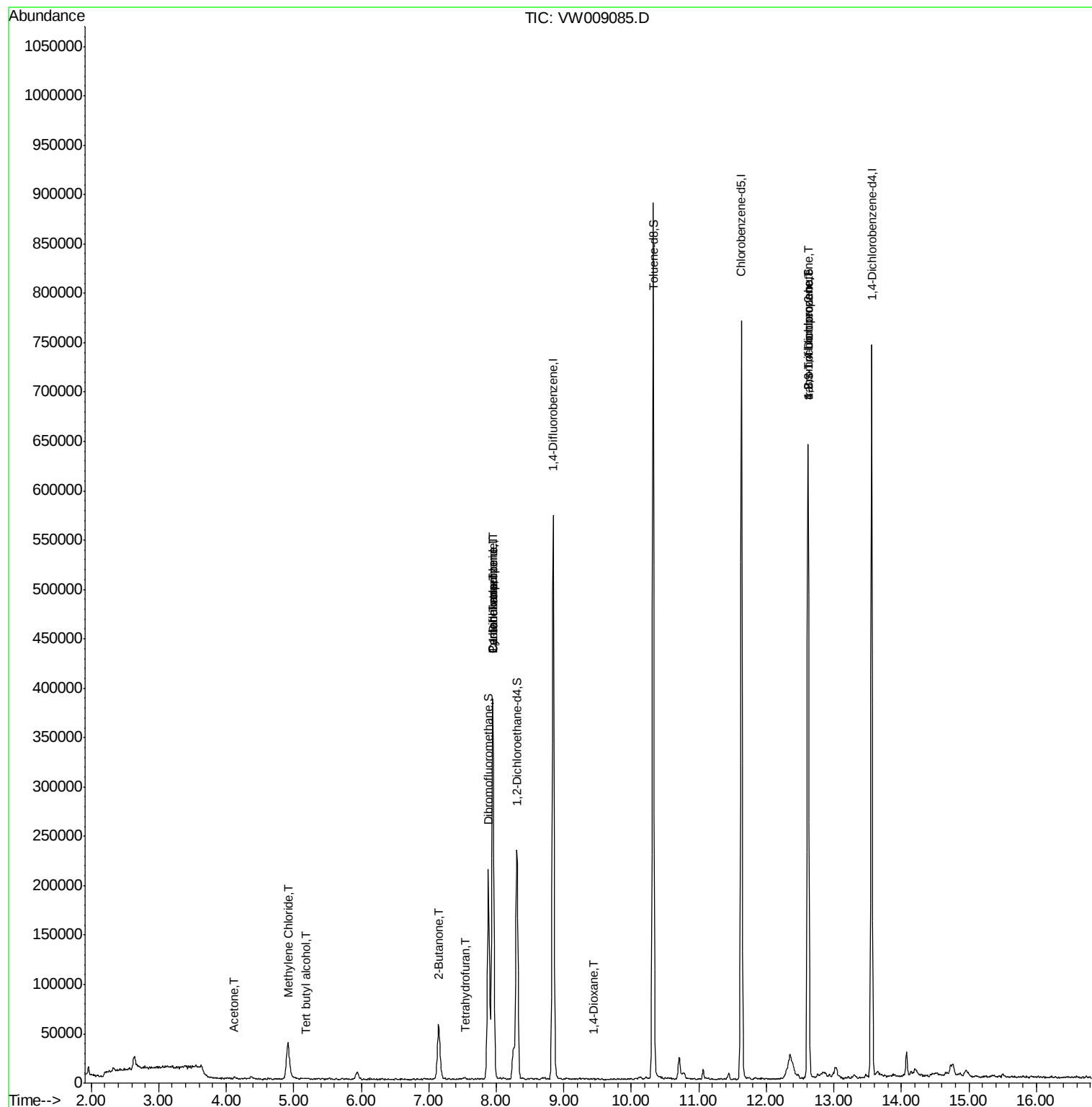
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	761	3.437	ug/l #	88
16) Acetone	4.12	43	2700	4.141	ug/l #	82
20) Methylene Chloride	4.92	84	27324	3.907	ug/l	95
25) 2-Butanone	7.14	43	2122	2.355	ug/l	90
29) Tetrahydrofuran	7.54	42	1624	2.860	ug/l #	83
31) Cyclohexane	7.95	56	7413	1.376	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	22210	4.688	ug/l #	52
38) Carbon Tetrachloride	7.95	117	27834	5.689	ug/l #	18
49) 1,4-Dioxane	9.45	88	69	2.786	ug/l #	21
76) 1,2,3-Trichloropropane	12.62	75	99128	66.799	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	99128	149.413	ug/l #	5

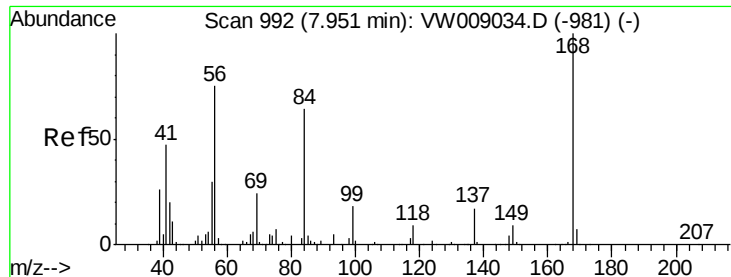
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009085.D

Acq: 11 Mar 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

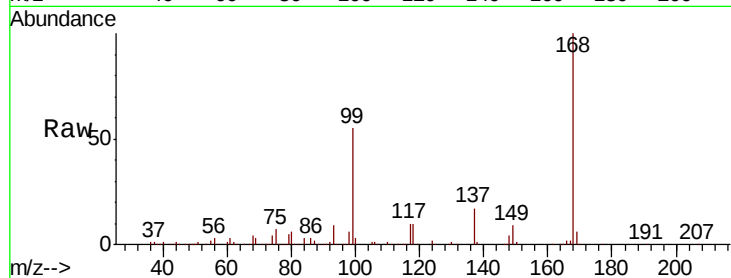
MR-MH-11-COMP

Tgt Ion:168 Resp: 287163

Ion Ratio Lower Upper

168 100

99 54.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

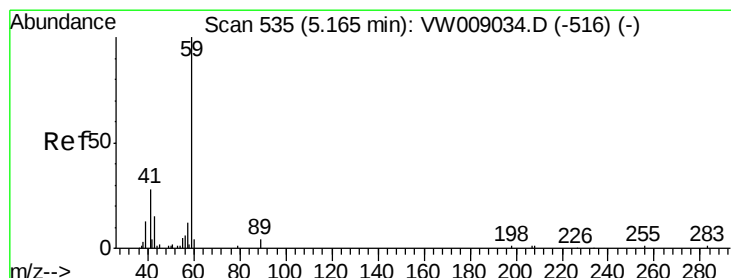
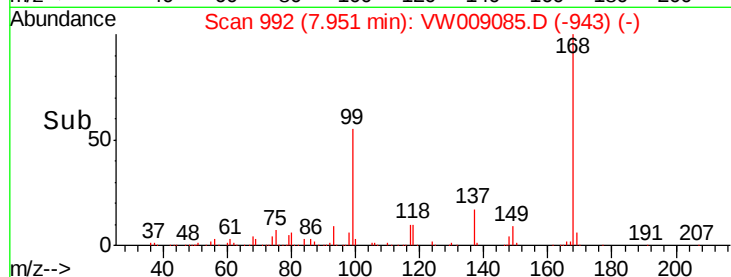
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.437 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW009085.D

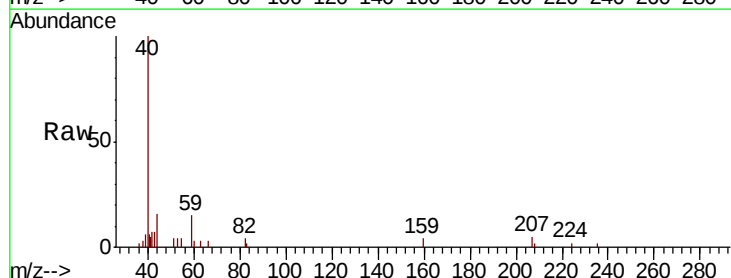
Acq: 11 Mar 2019 14:38

Tgt Ion: 59 Resp: 761

Ion Ratio Lower Upper

59 100

57 6.3 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

400

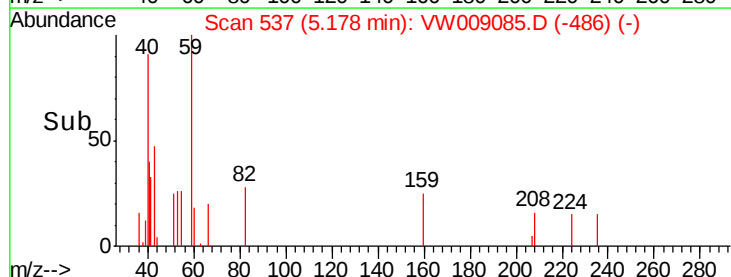
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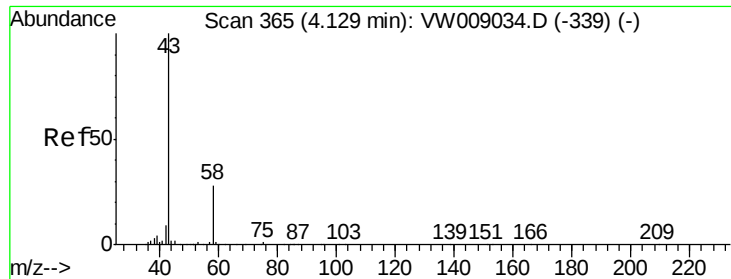
200

100

0

Time-->





#16

Acetone

Concen: 4.141 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009085.D

Acq: 11 Mar 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

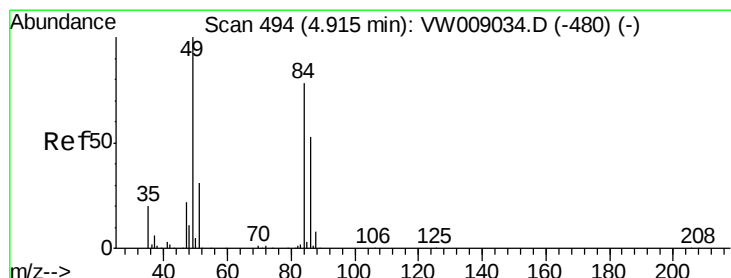
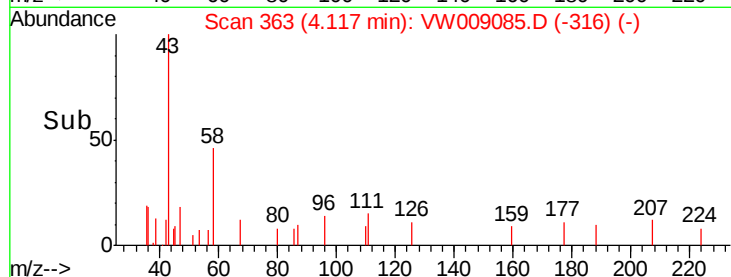
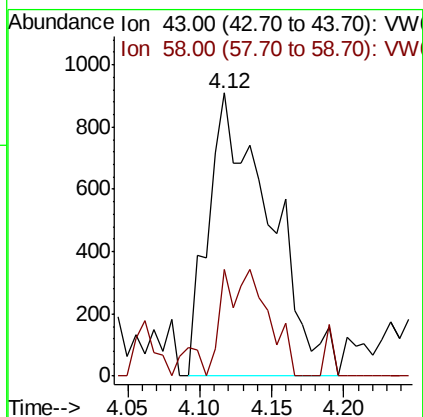
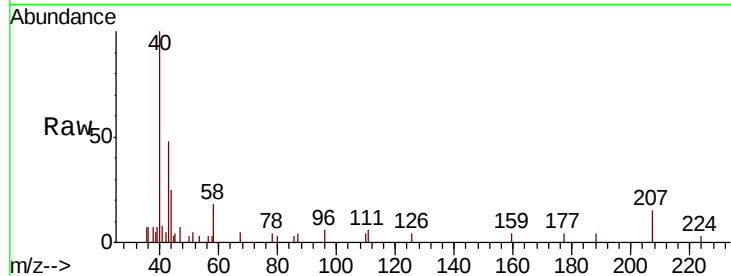
MR-MH-11-COMP

Tgt Ion: 43 Resp: 2700

Ion Ratio Lower Upper

43 100

58 37.6 22.5 33.7#



#20

Methylene Chloride

Concen: 3.907 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009085.D

Acq: 11 Mar 2019 14:38

Tgt Ion: 84 Resp: 27324

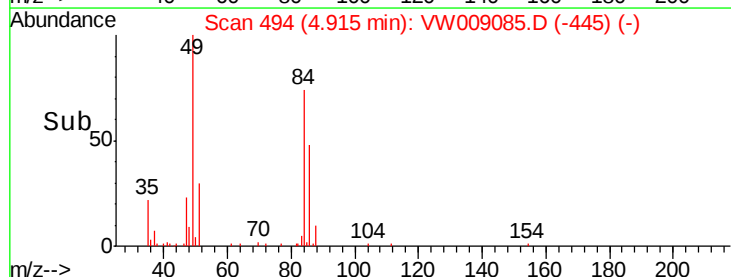
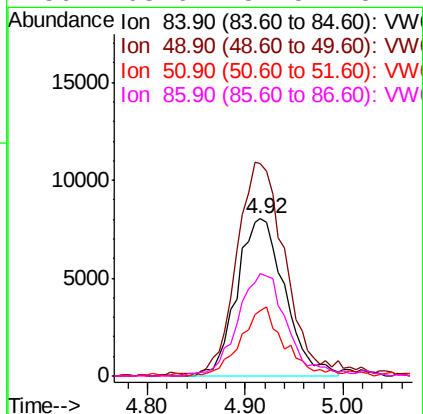
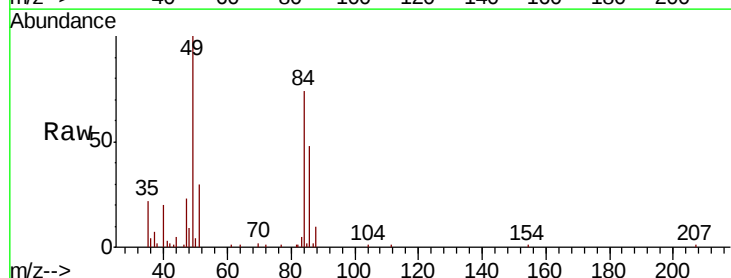
Ion Ratio Lower Upper

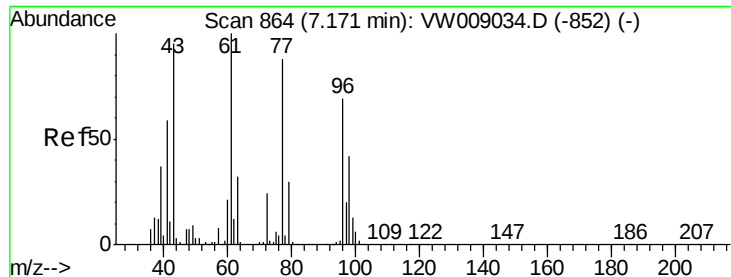
84 100

49 134.2 102.4 153.6

51 41.3 31.6 47.4

86 63.6 54.5 81.7





#25

2-Butanone

Concen: 2.355 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW009085.D

Acq: 11 Mar 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

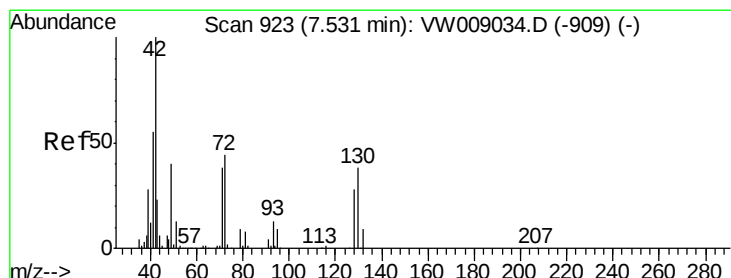
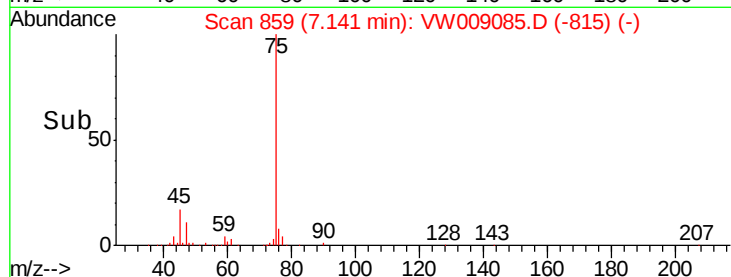
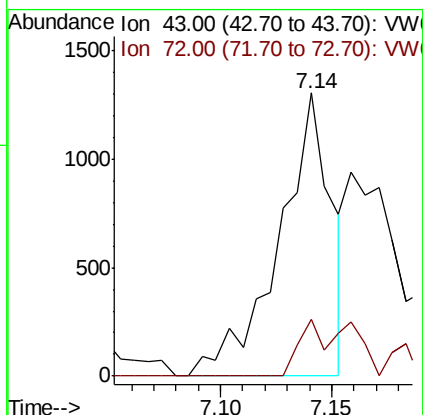
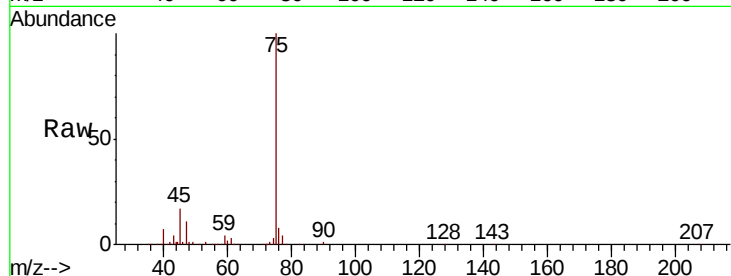
MR-MH-11-COMP

Tgt Ion: 43 Resp: 2122

Ion Ratio Lower Upper

43 100

72 20.1 20.0 30.0



#29

Tetrahydrofuran

Concen: 2.860 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW009085.D

Acq: 11 Mar 2019 14:38

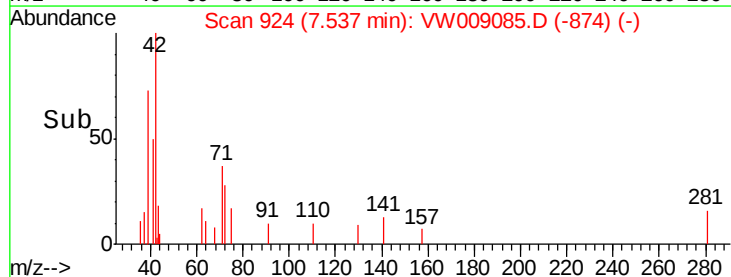
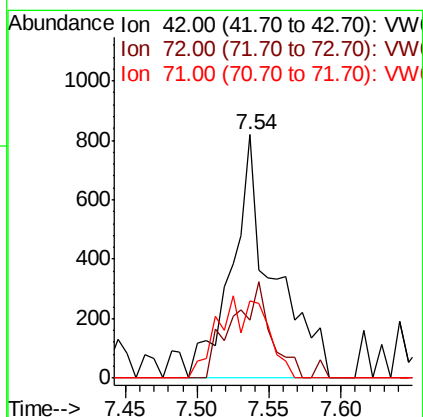
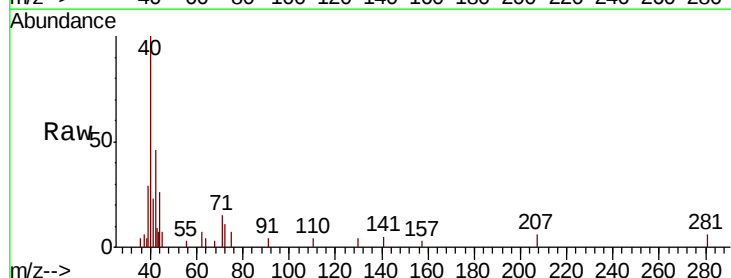
Tgt Ion: 42 Resp: 1624

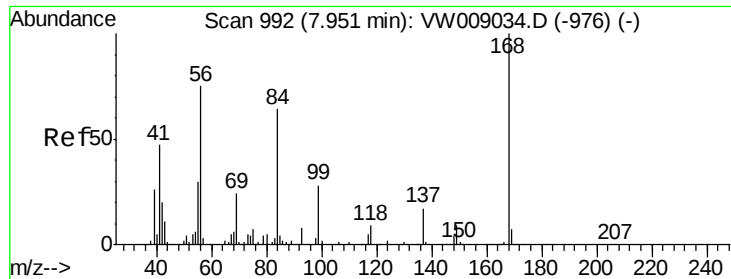
Ion Ratio Lower Upper

42 100

72 36.9 32.2 48.4

71 20.8 30.7 46.1#

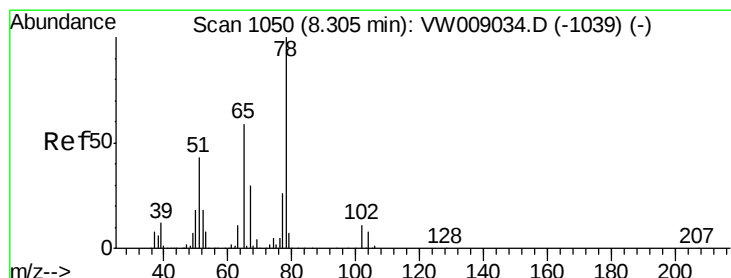
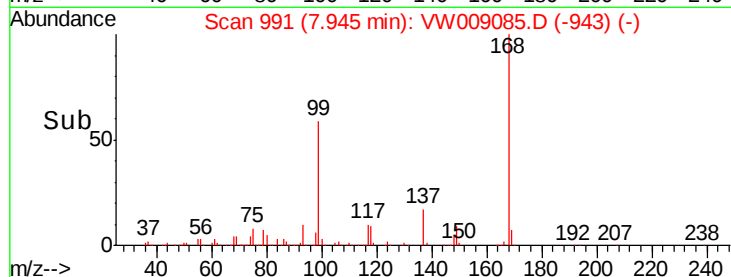
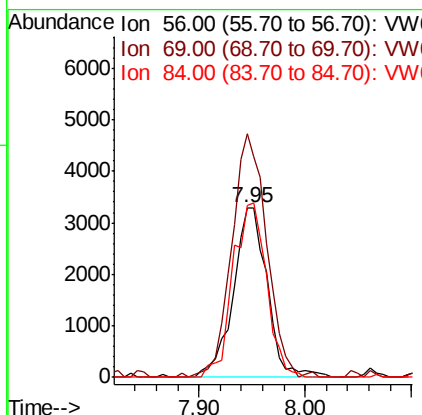
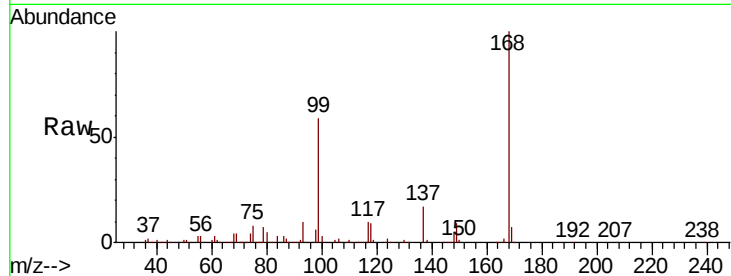




#31
Cyclohexane
Concen: 1.376 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009085.D
Acq: 11 Mar 2019 14:38

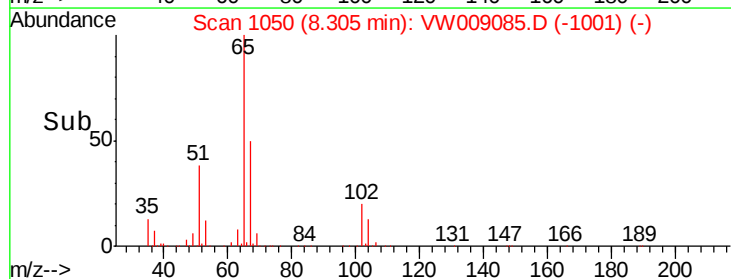
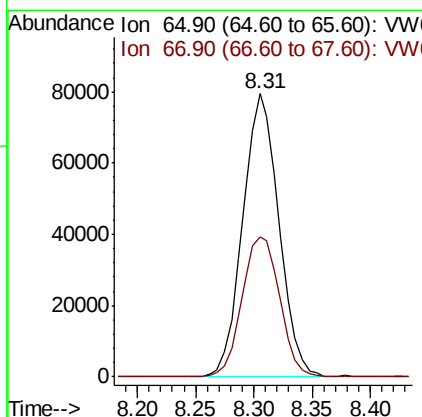
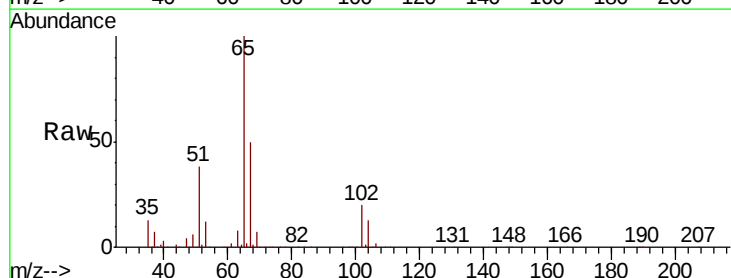
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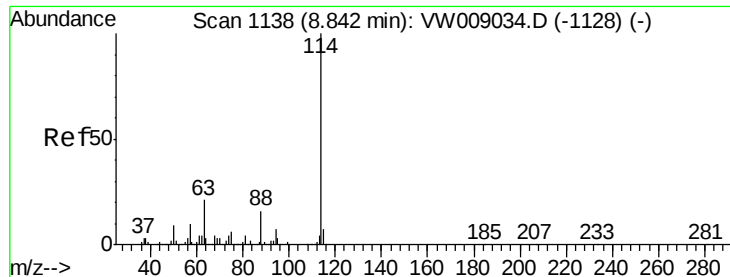
Tgt Ion: 56 Resp: 7413
Ion Ratio Lower Upper
56 100
69 143.4 25.5 38.3#
84 101.1 68.6 103.0



#33
1,2-Dichloroethane-d4
Concen: 59.551 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW009085.D
Acq: 11 Mar 2019 14:38

Tgt Ion: 65 Resp: 172051
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

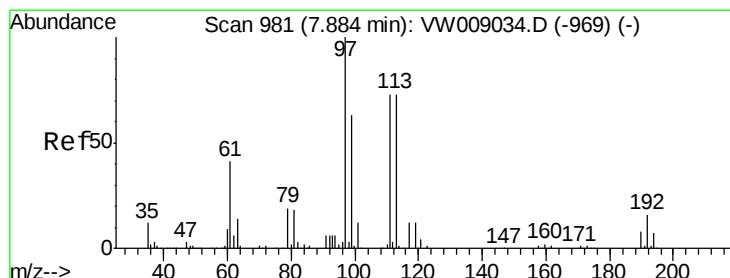
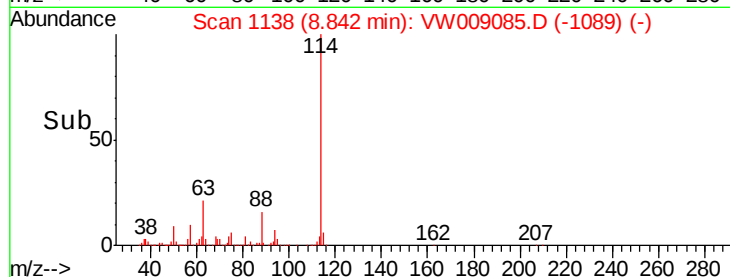
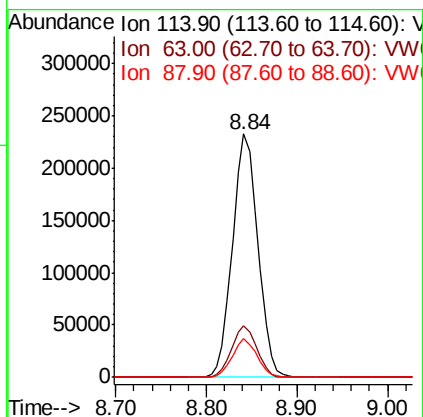
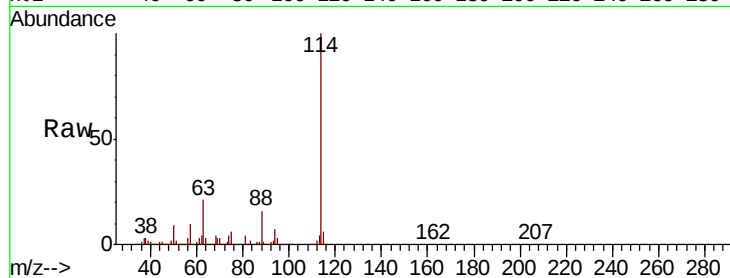




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW009085.D
Acq: 11 Mar 2019 14:38

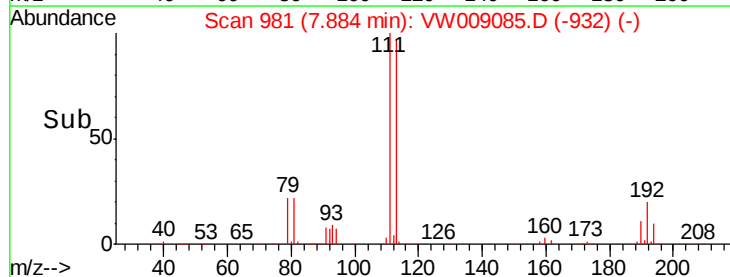
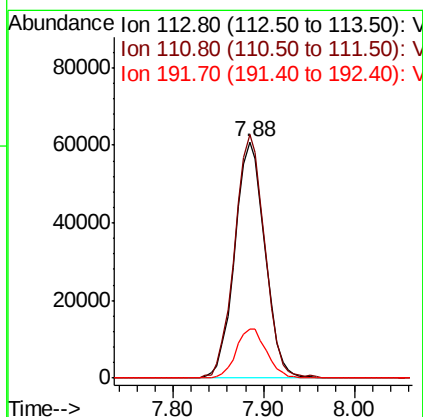
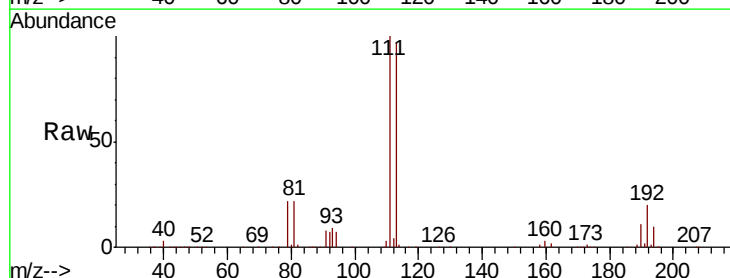
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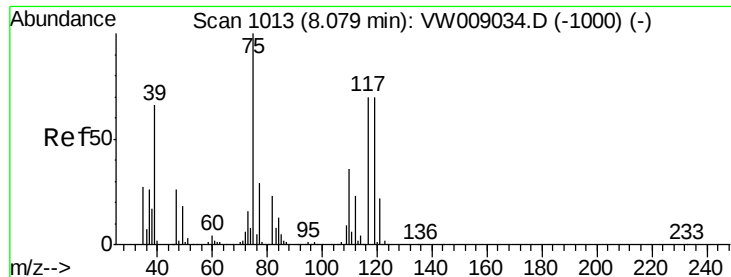
Tgt Ion:114 Resp: 453069
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.2
88 15.9 0.0 31.2



#35
Dibromofluoromethane
Concen: 51.924 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW009085.D
Acq: 11 Mar 2019 14:38

Tgt Ion:113 Resp: 141643
Ion Ratio Lower Upper
113 100
111 102.6 81.0 121.4
192 21.0 17.1 25.7

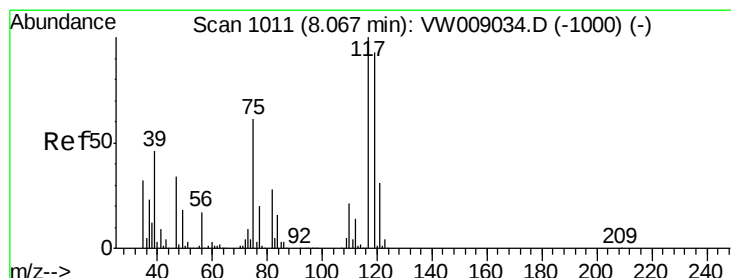
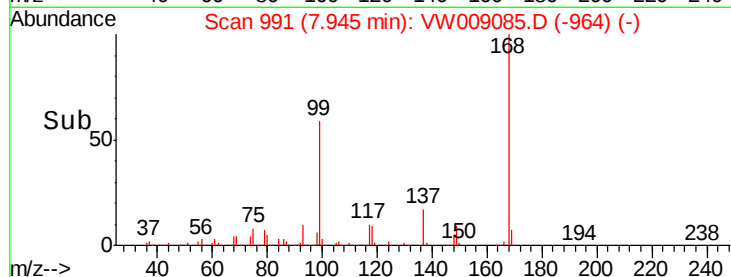
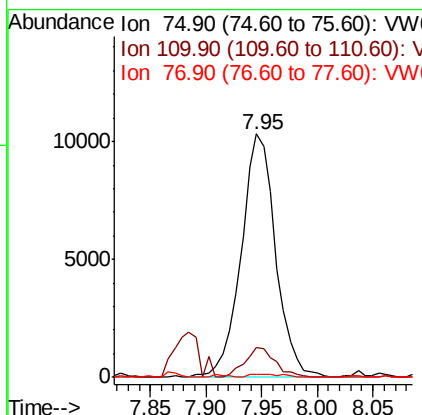
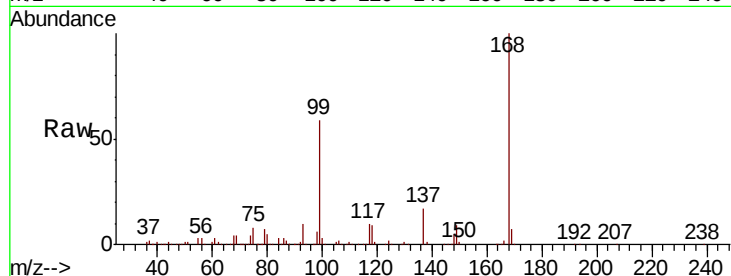




#36
 1,1-Dichloropropene
 Concen: 4.688 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009085.D
 Acq: 11 Mar 2019 14:38

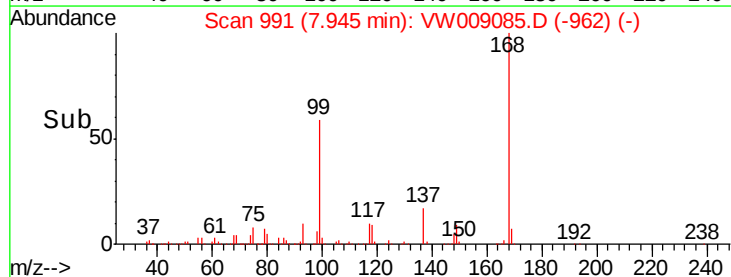
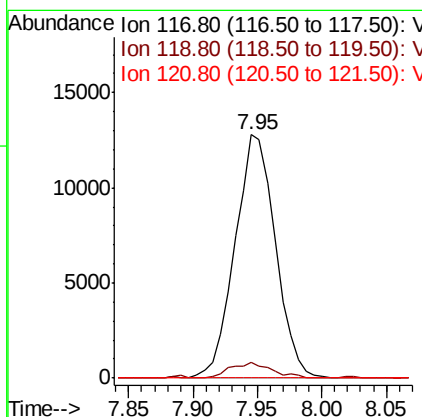
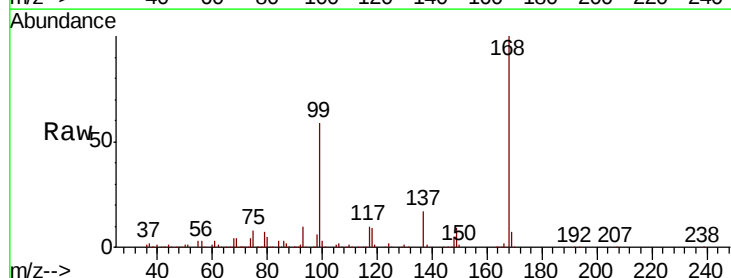
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 MR-MH-11-COMP

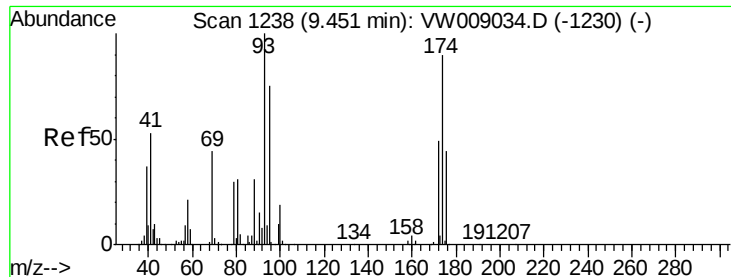
Tgt Ion: 75 Resp: 22210
 Ion Ratio Lower Upper
 75 100
 110 10.8 17.6 52.9#
 77 1.2 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.689 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW009085.D
 Acq: 11 Mar 2019 14:38

Tgt Ion: 117 Resp: 27834
 Ion Ratio Lower Upper
 117 100
 119 6.7 74.6 112.0#
 121 0.0 24.7 37.1#

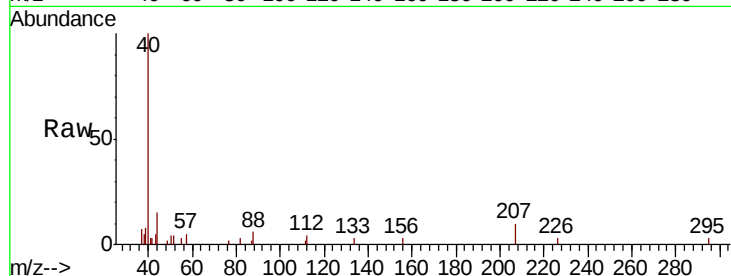




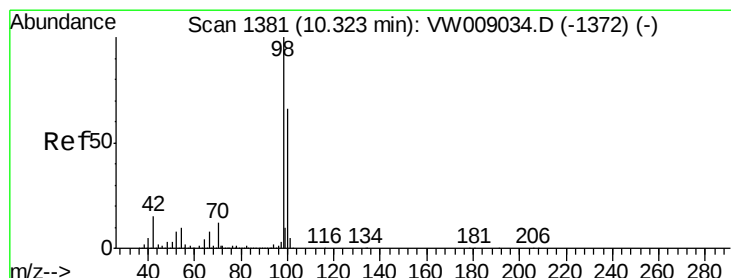
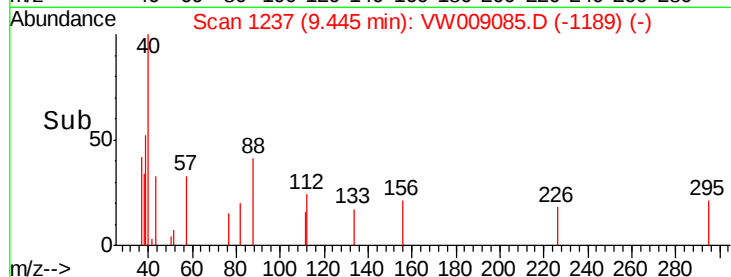
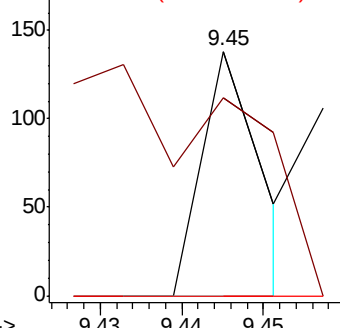
#49
1,4-Dioxane
Concen: 2.786 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW009085.D
Acq: 11 Mar 2019 14:38

Instrument :
MSVOA_W
ClientSampleId :
MR-MH-11-COMP

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 0.0 59.2 88.8#

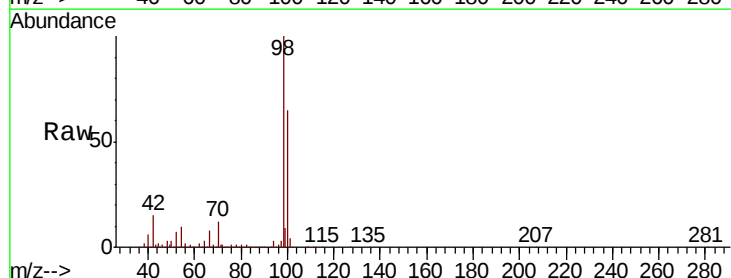


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

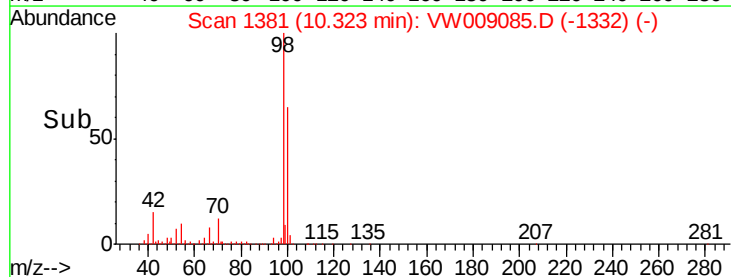
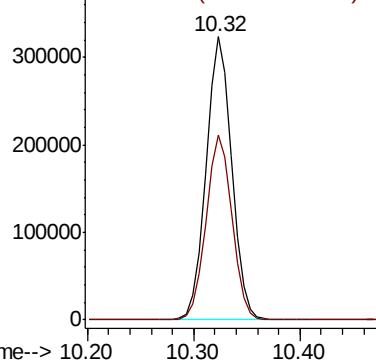


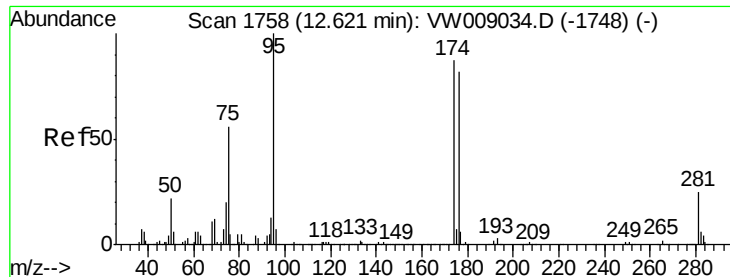
#50
Toluene-d8
Concen: 48.881 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009085.D
Acq: 11 Mar 2019 14:38

Tgt Ion: 98 Resp: 547650
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

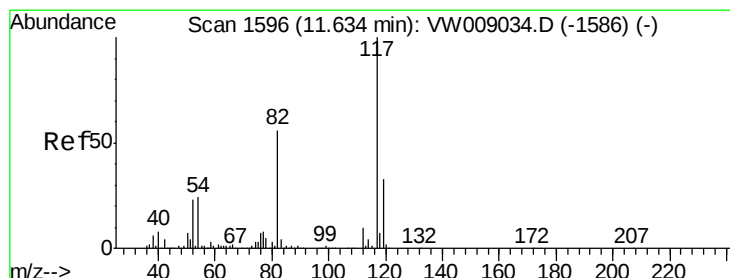
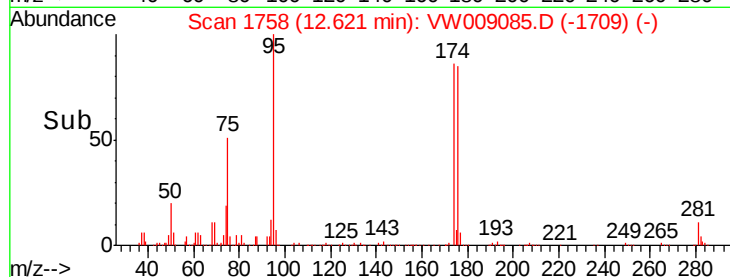
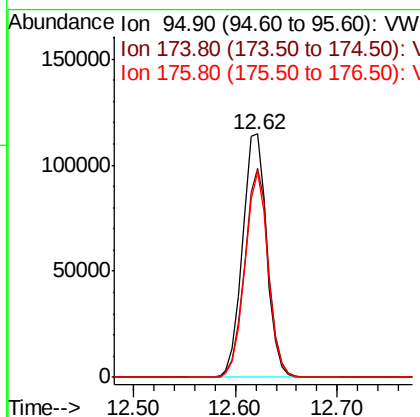
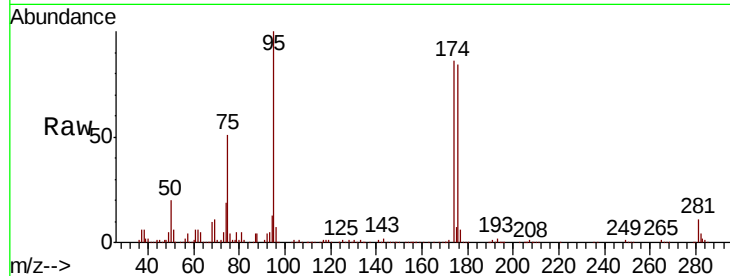




#62
4-Bromofluorobenzene
Concen: 42.497 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009085.D
Acq: 11 Mar 2019 14:38

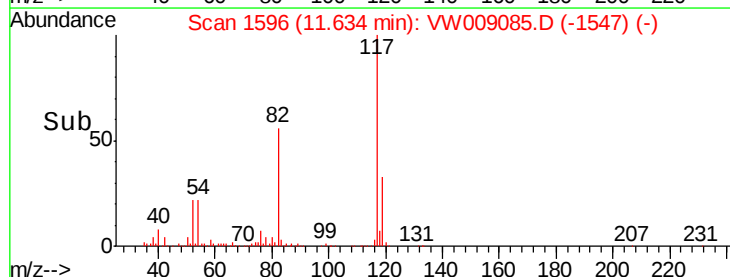
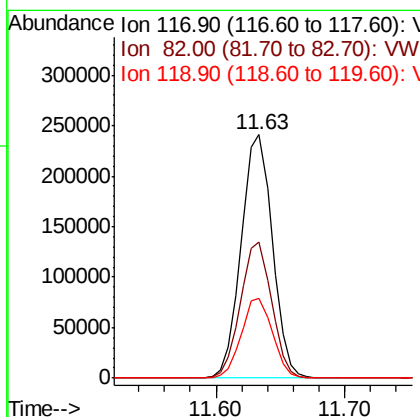
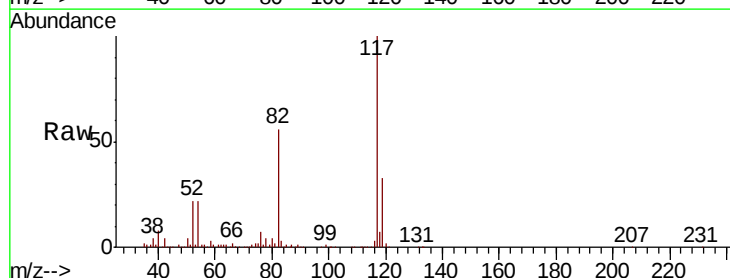
Instrument :
MSVOA_W
ClientSampleId :
MR-MH-11-COMP

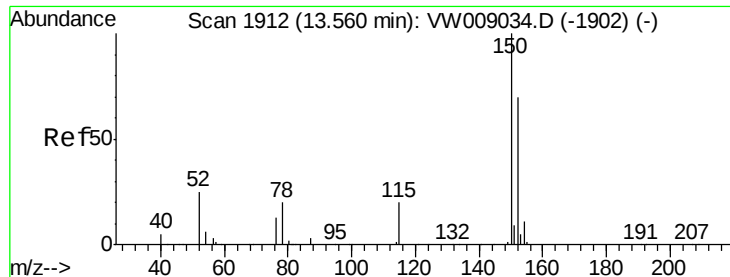
Tgt Ion: 95 Resp: 187435
Ion Ratio Lower Upper
95 100
174 85.3 0.0 167.0
176 81.6 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009085.D
Acq: 11 Mar 2019 14:38

Tgt Ion: 117 Resp: 404287
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.6
119 32.6 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009085.D

Acq: 11 Mar 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

MR-MH-11-COMP

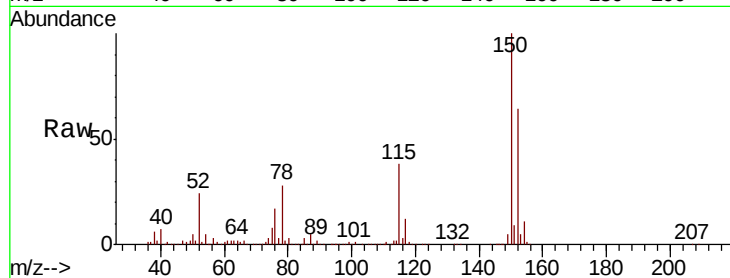
Tgt Ion:152 Resp: 187824

Ion Ratio Lower Upper

152 100

115 56.4 28.9 86.7

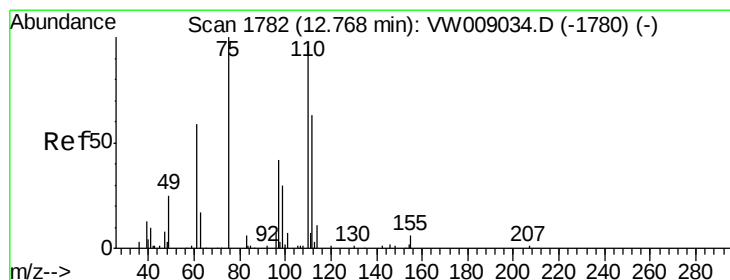
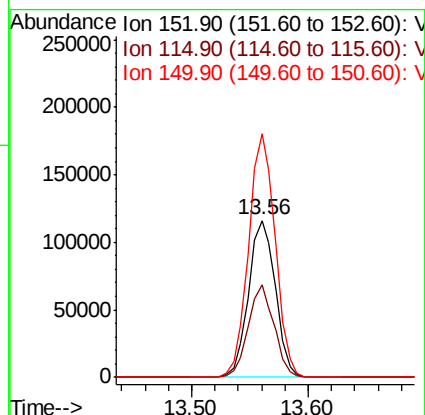
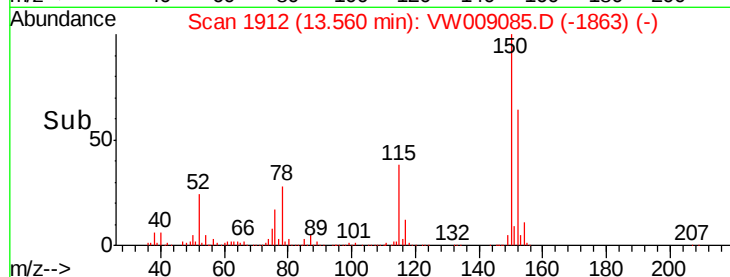
150 153.5 0.0 349.2



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: 66.799 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW009085.D

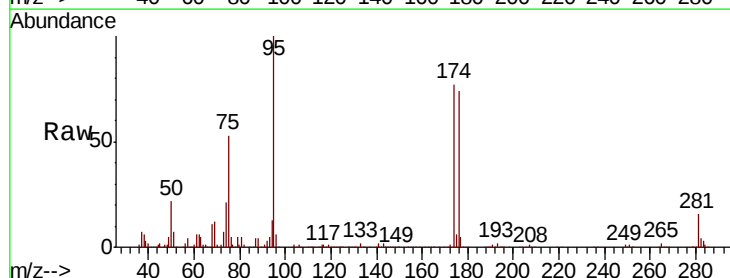
Acq: 11 Mar 2019 14:38

Tgt Ion: 75 Resp: 99128

Ion Ratio Lower Upper

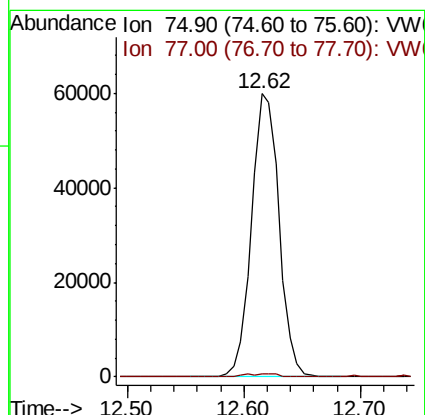
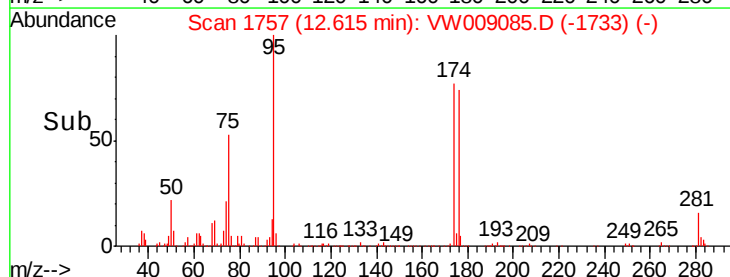
75 100

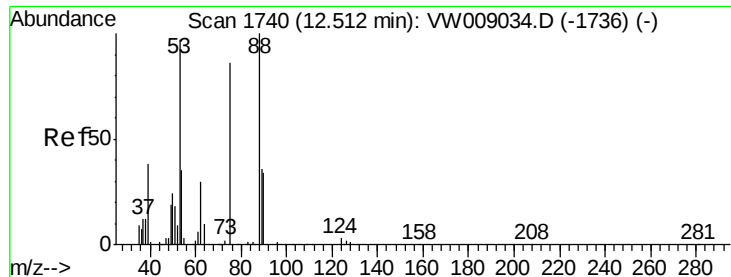
77 1.4 186.7 560.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 149.413 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW009085.D

Acq: 11 Mar 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

MR-MH-11-COMP

Tgt Ion: 75 Resp: 99128

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 37.5 56.3#

