

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004019.D
 Acq On : 18 Jul 2018 08:12
 Operator : VA/AP
 Sample : J3996-01RE
 Misc : 4.80G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MH-1RE

Quant Time: Jul 18 08:36:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	150613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	270232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	248823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	113767	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	111443	66.20	ug/l	0.00
Spiked Amount			Recovery	=	132.40%	
35) Dibromofluoromethane	7.88	113	95644	55.16	ug/l	0.00
Spiked Amount			Recovery	=	110.32%	
50) Toluene-d8	10.33	98	332013	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.63	95	109355	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	

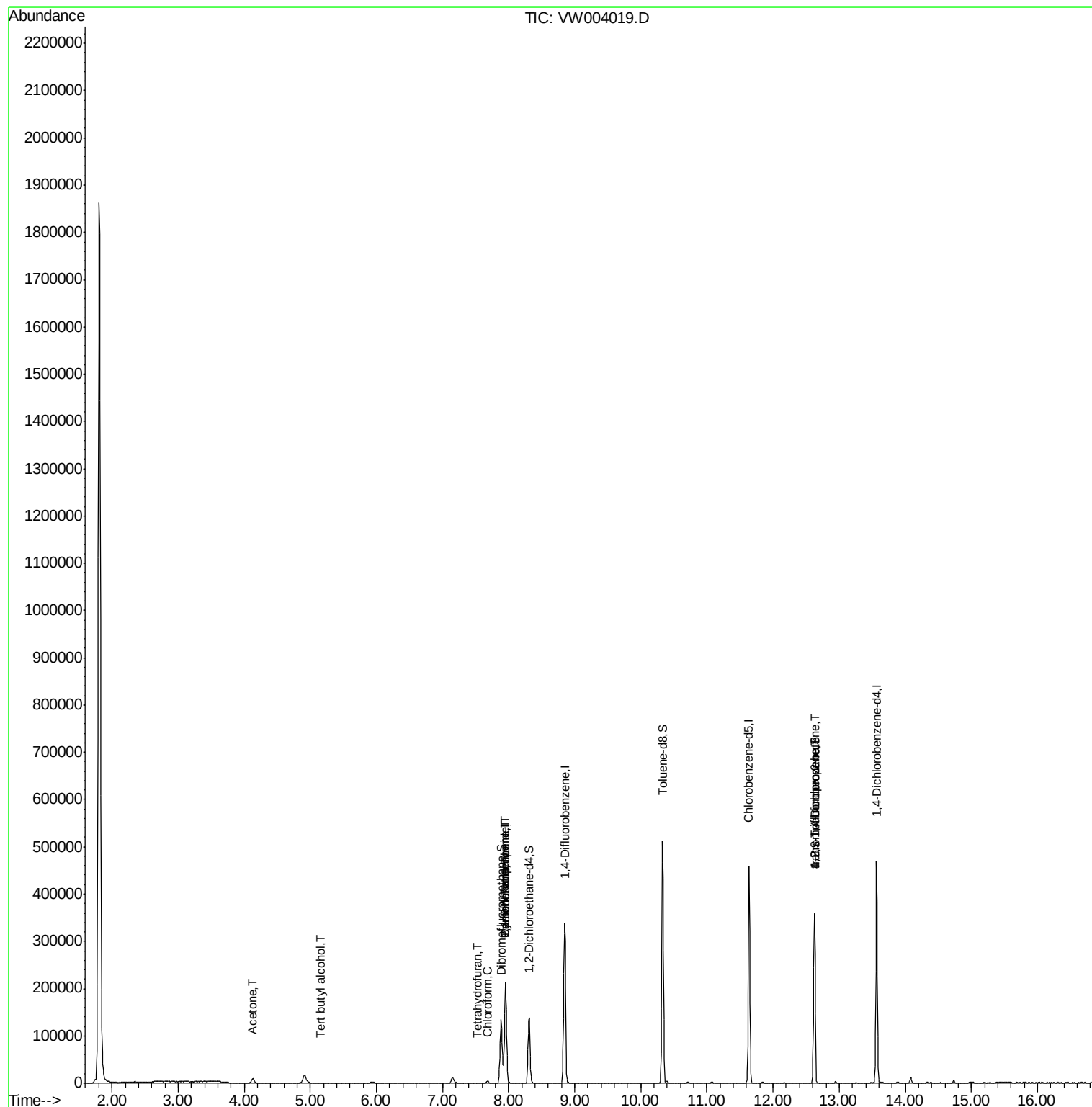
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	125	1.076	ug/l #	72
16) Acetone	4.13	43	16182	39.999	ug/l	97
20) Methylene Chloride	4.91	84	13070	Below Cal		93
29) Tetrahydrofuran	7.54	42	373	1.100	ug/l #	36
30) Chloroform	7.68	83	3311	1.117	ug/l	89
31) Cyclohexane	7.96	56	3583	1.283	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	13176	4.739	ug/l #	50
38) Carbon Tetrachloride	7.96	117	15634	6.018	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	57851	51.221	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	57851	113.299	ug/l #	11

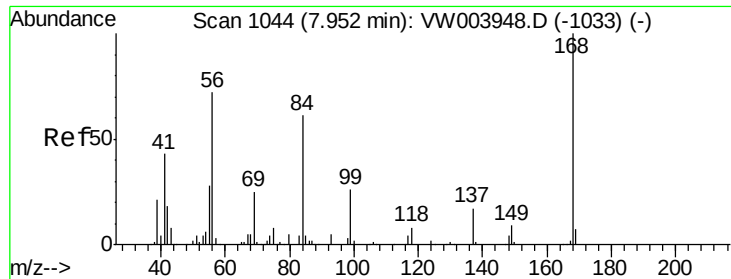
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
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Quant Time: Jul 18 08:36:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004019.D

Acq: 18 Jul 2018 08:12

Instrument :

MSVOA_W

ClientSampleId :

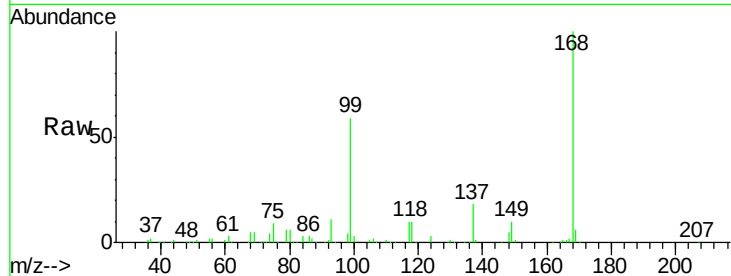
MH-1RE

Tot Ion:168 Resp: 150613

Ion Ratio Lower Upper

168 100

99 58.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

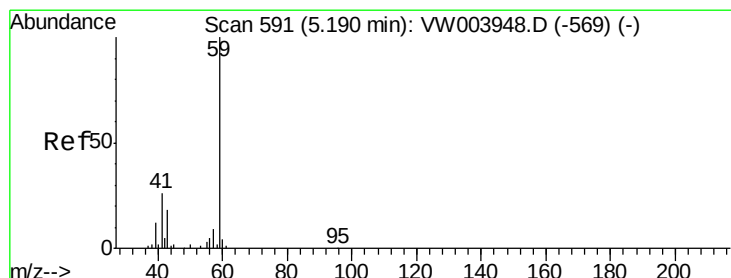
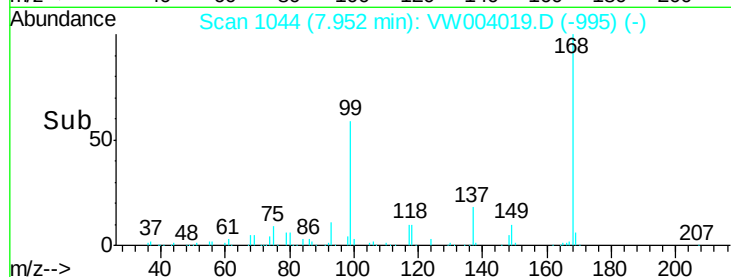
40000

20000

0

Time-->

7.90 8.00



#11

Tert butyl alcohol

Concen: 1.076 ug/l

RT: 5.16 min Scan# 586

Delta R.T. -0.03 min

Lab File: VW004019.D

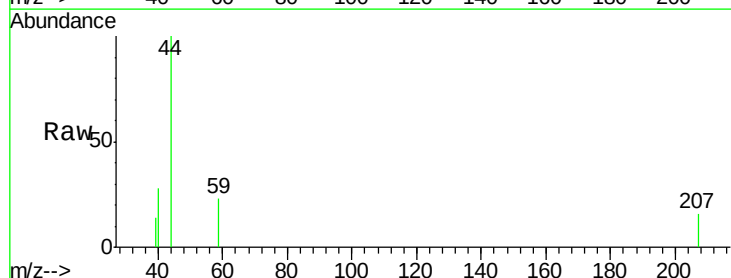
Acq: 18 Jul 2018 08:12

Tgt Ion: 59 Resp: 125

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

120

100

80

60

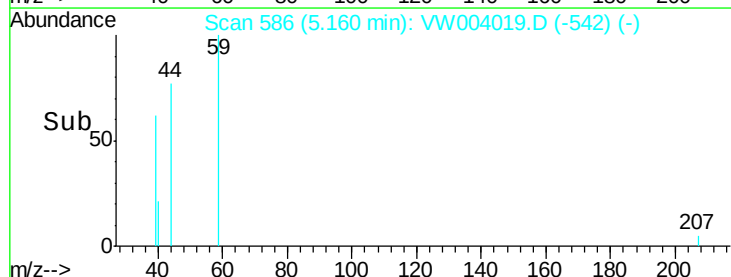
40

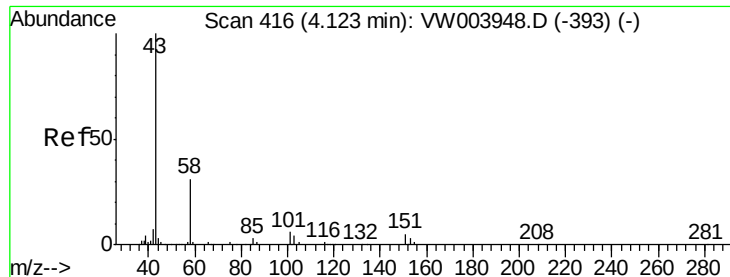
20

0

Time-->

5.14 5.16 5.18





#16

Acetone

Concen: 39.999 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004019.D

Acq: 18 Jul 2018 08:12

Instrument :

MSVOA_W

ClientSampleId :

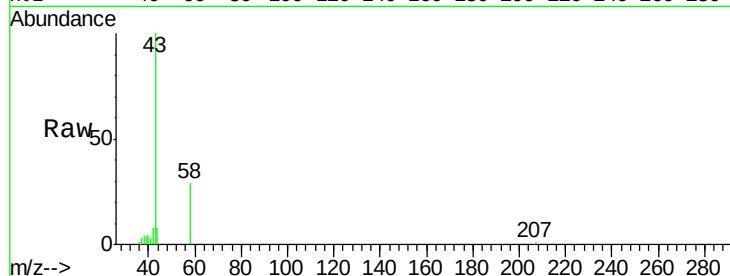
MH-1RE

Tot Ion: 43 Resp: 16182

Ion Ratio Lower Upper

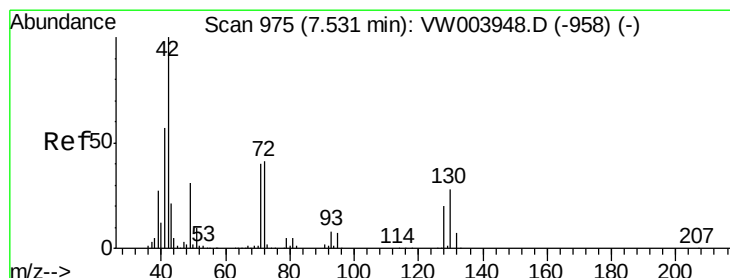
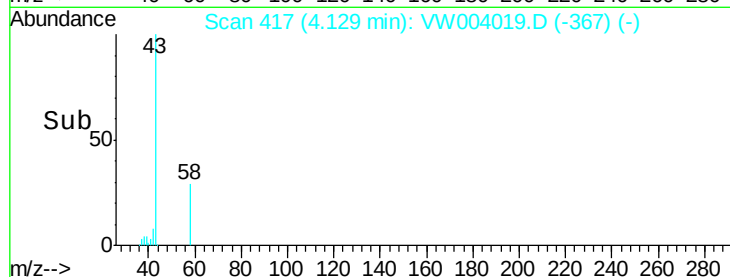
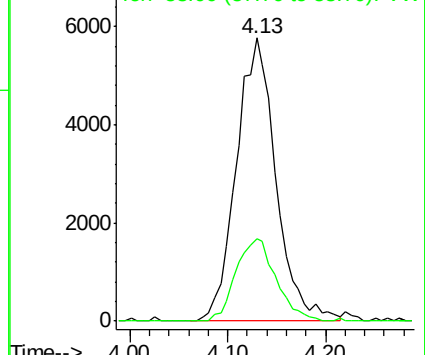
43 100

58 29.0 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#29

Tetrahydrofuran

Concen: 1.100 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.01 min

Lab File: VW004019.D

Acq: 18 Jul 2018 08:12

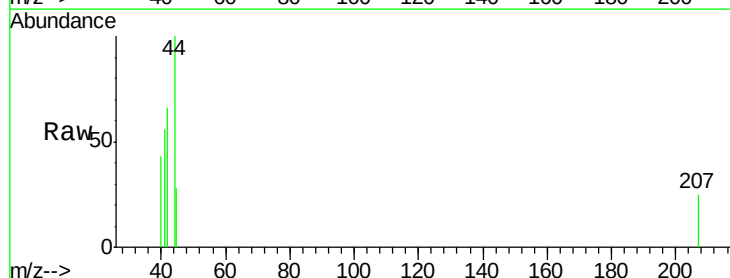
Tgt Ion: 42 Resp: 373

Ion Ratio Lower Upper

42 100

72 0.0 32.6 48.8#

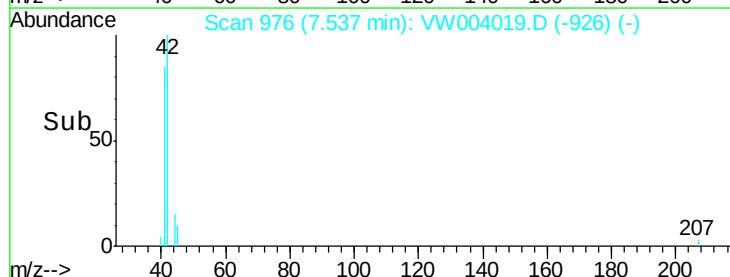
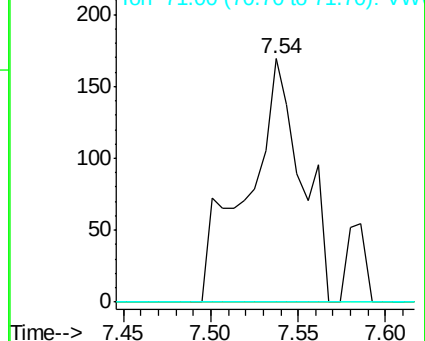
71 0.0 30.5 45.7#

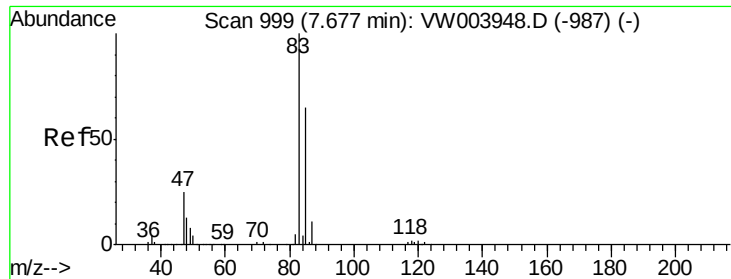


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

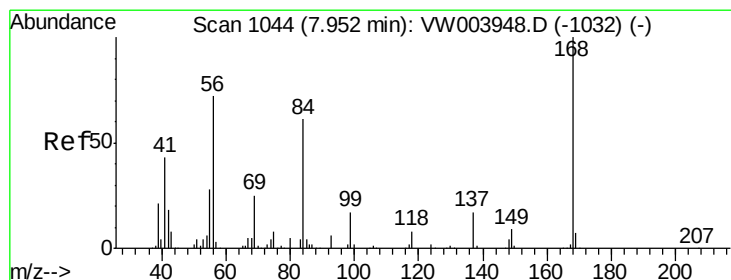
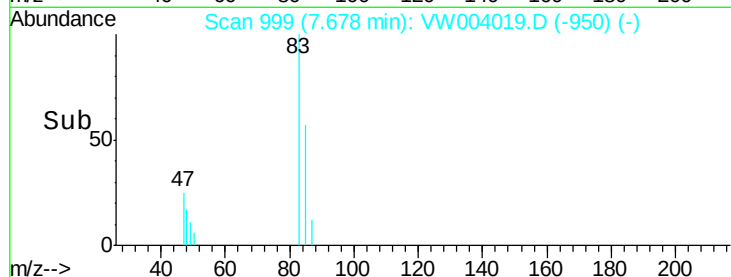
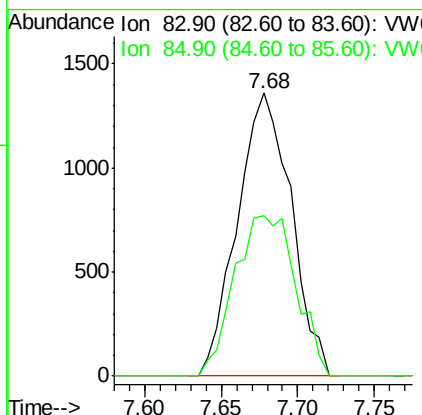
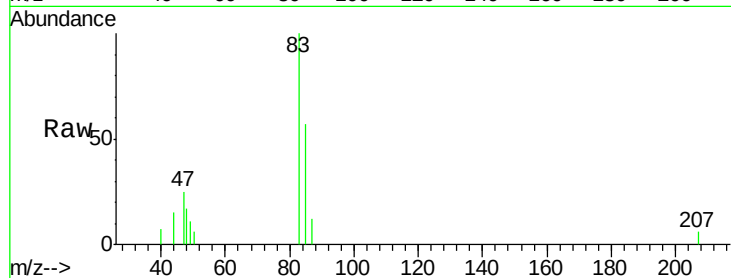




#30
Chloroform
Concen: 1.117 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004019.D
Acq: 18 Jul 2018 08:12

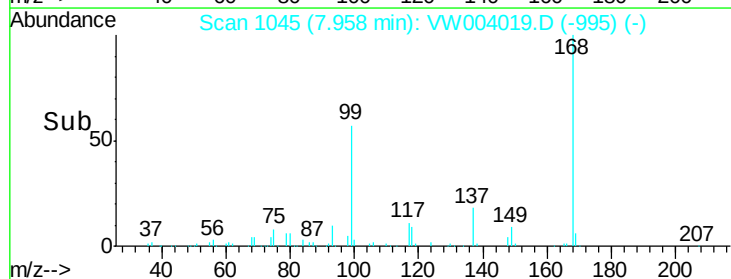
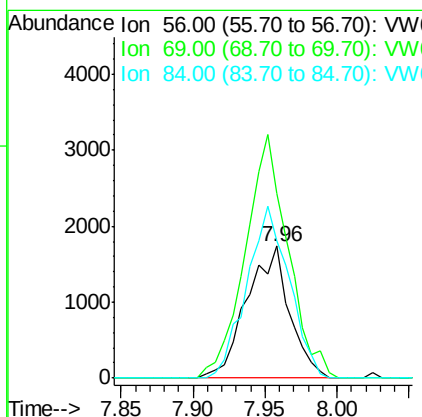
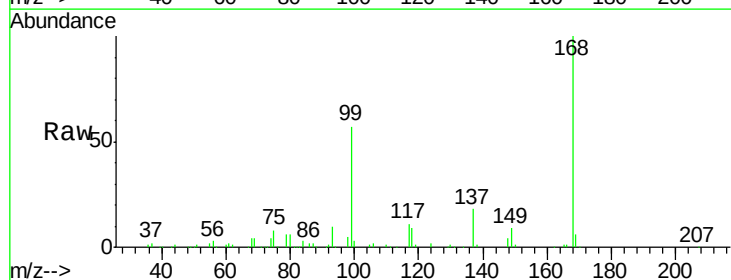
Instrument :
MSVOA_W
ClientSampleId :
MH-1RE

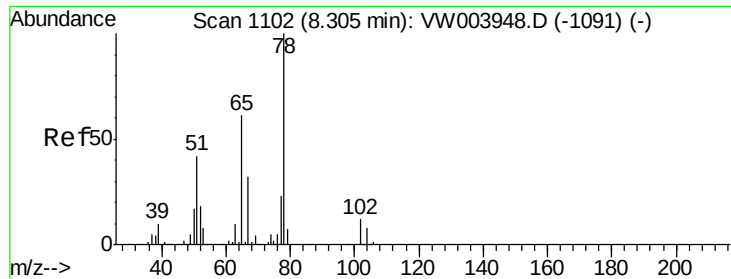
Tot Ion: 83 Resp: 3311
Ion Ratio Lower Upper
83 100
85 56.7 52.2 78.4



#31
Cyclohexane
Concen: 1.283 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VW004019.D
Acq: 18 Jul 2018 08:12

Tgt Ion: 56 Resp: 3583
Ion Ratio Lower Upper
56 100
69 139.6 27.8 41.8#
84 104.0 67.2 100.8#

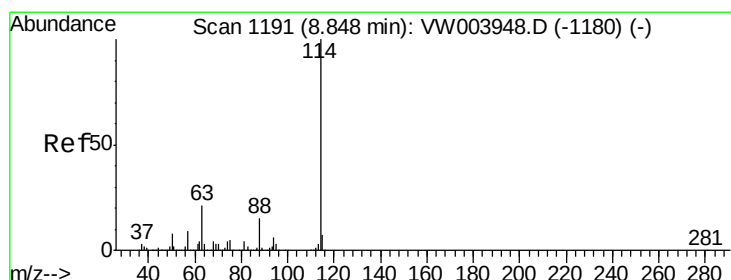
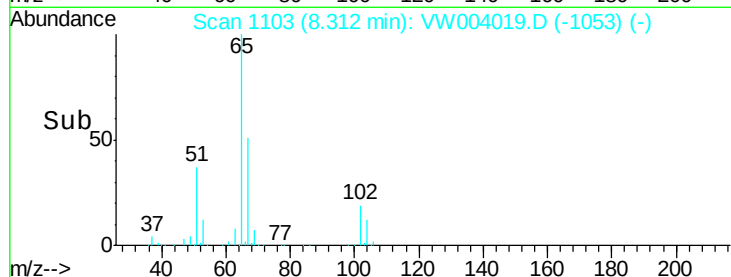
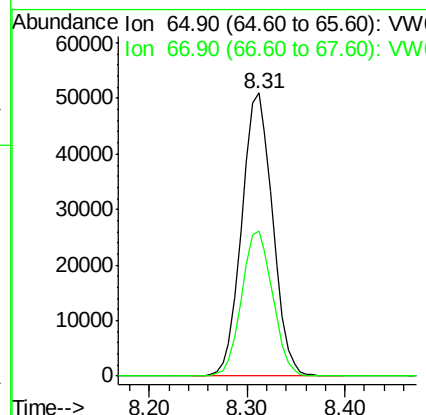
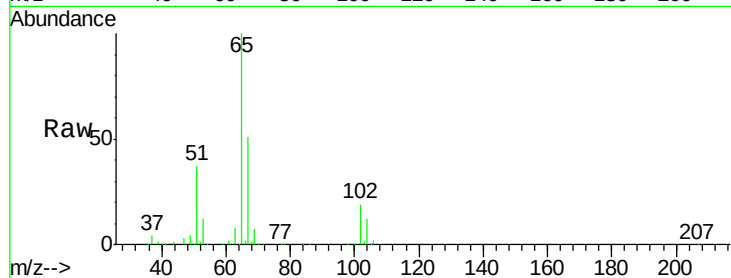




#33
 1,2-Dichloroethane-d4
 Concen: 66.195 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004019.D
 Acq: 18 Jul 2018 08:12

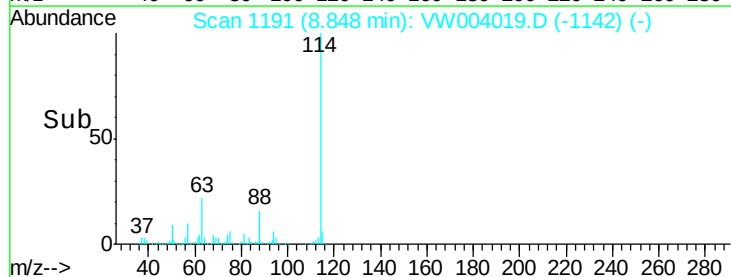
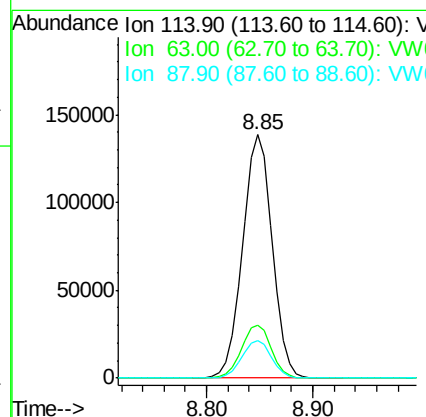
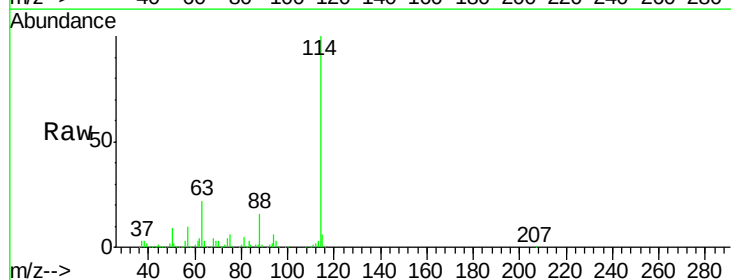
Instrument :
 MSVOA_W
 ClientSampleId :
 MH-1RE

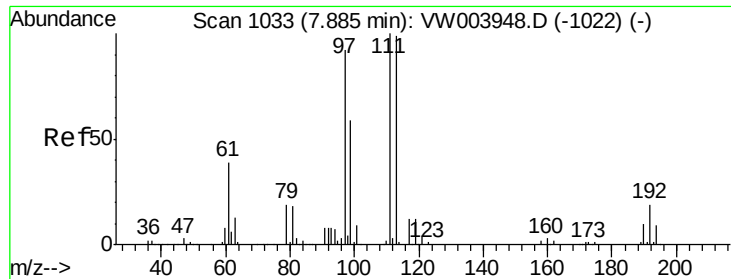
Tot Ion: 65 Resp: 111443
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004019.D
 Acq: 18 Jul 2018 08:12

Tgt Ion: 114 Resp: 270232
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.8
 88 15.5 0.0 30.4

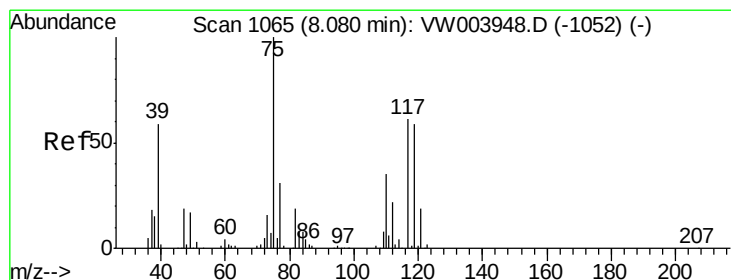
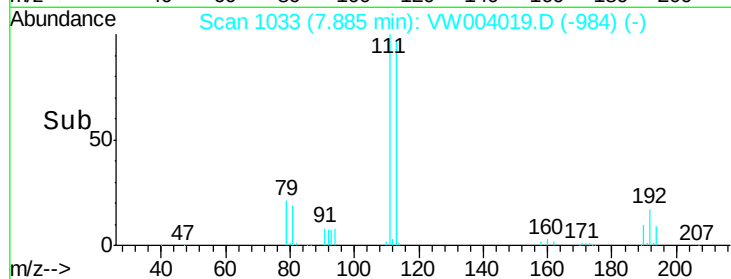
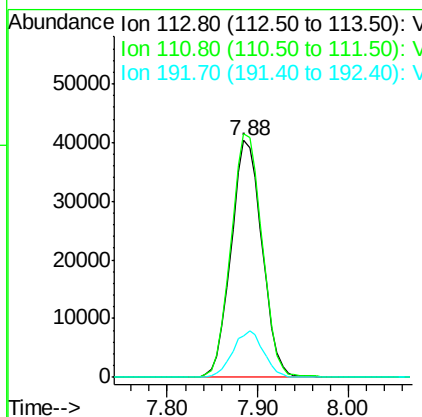
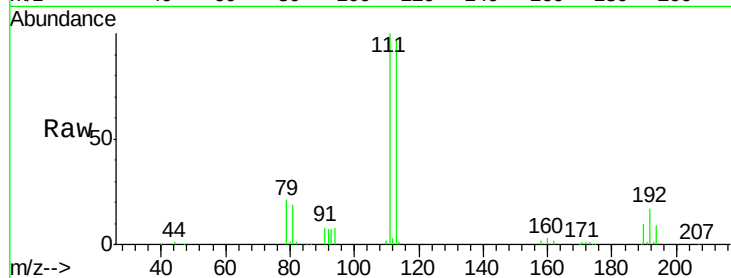




#35
 Dibromofluoromethane
 Concen: 55.162 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004019.D
 Acq: 18 Jul 2018 08:12

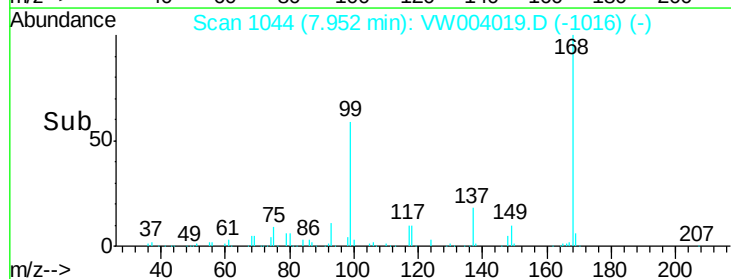
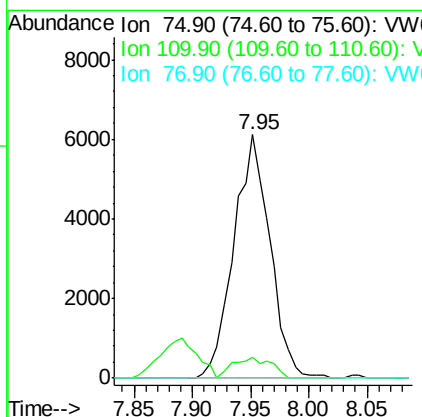
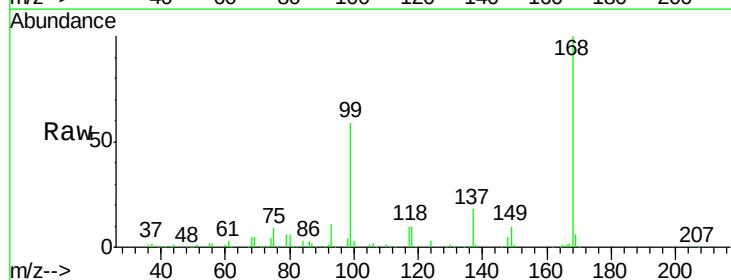
Instrument :
 MSVOA_W
 ClientSampled :
 MH-1RE

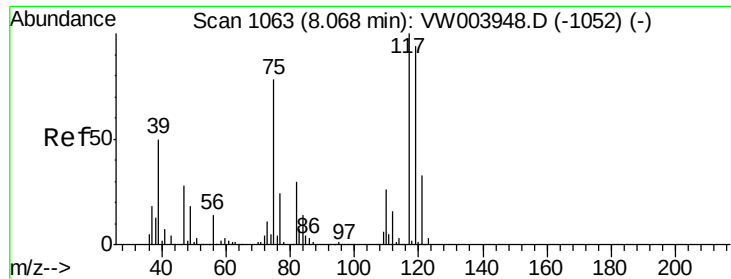
Tot Ion:113 Resp: 95644
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.3 121.9
 192 19.6 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 4.739 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004019.D
 Acq: 18 Jul 2018 08:12

Tgt Ion: 75 Resp: 13176
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.0 51.0#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.018 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.11 min

Lab File: VW004019.D

Acq: 18 Jul 2018 08:12

Instrument :

MSVOA_W

ClientSampleId :

MH-1RE

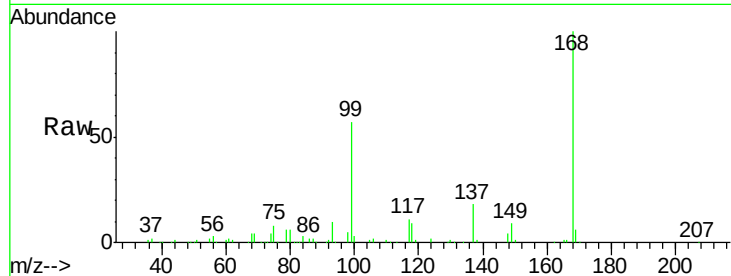
Tot Ion:117 Resp: 15634

Ion Ratio Lower Upper

117 100

119 5.1 75.3 112.9#

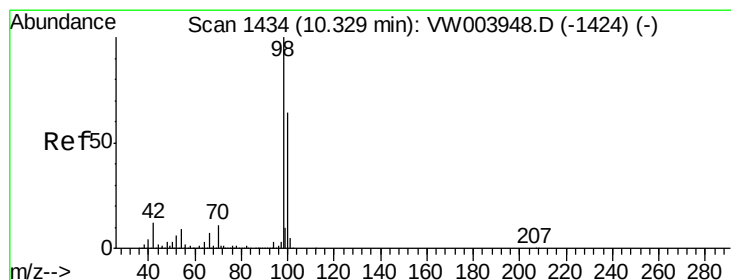
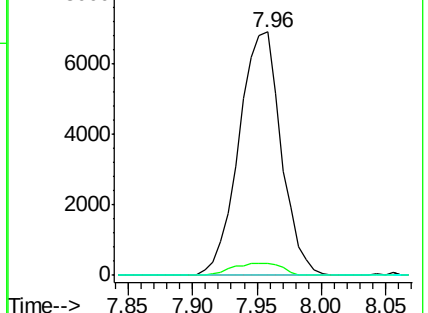
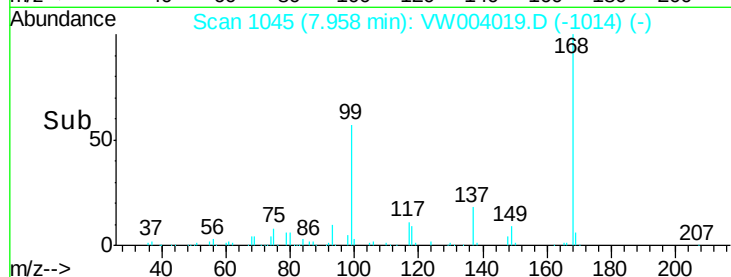
121 0.0 26.0 39.0#



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



#50

Toluene-d8

Concen: 49.349 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004019.D

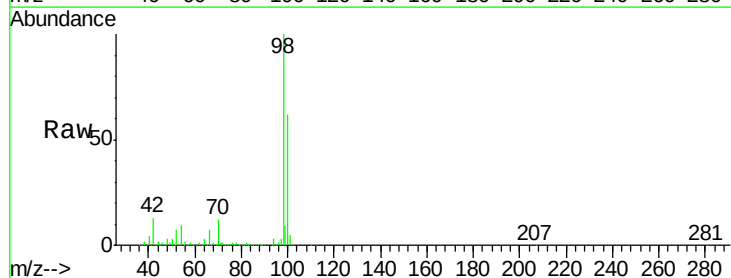
Acq: 18 Jul 2018 08:12

Tgt Ion: 98 Resp: 332013

Ion Ratio Lower Upper

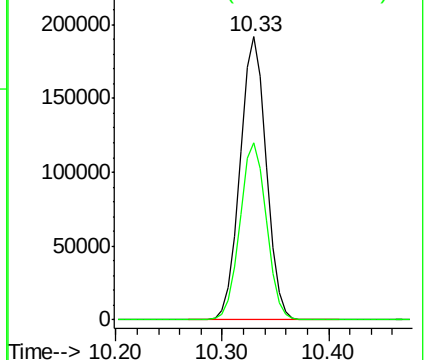
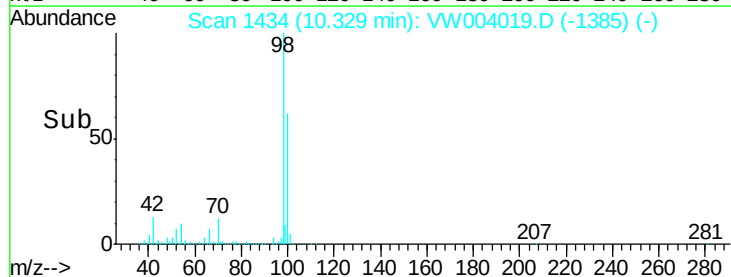
98 100

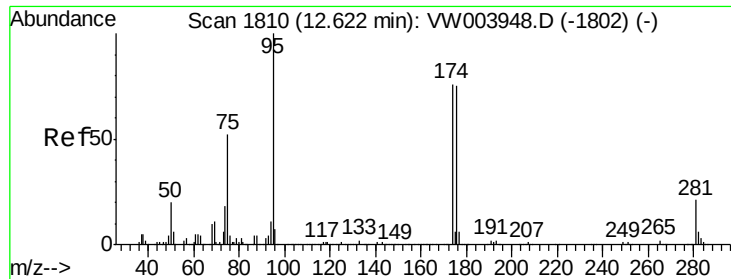
100 63.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

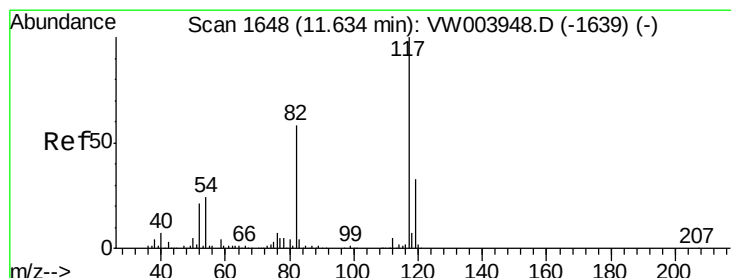
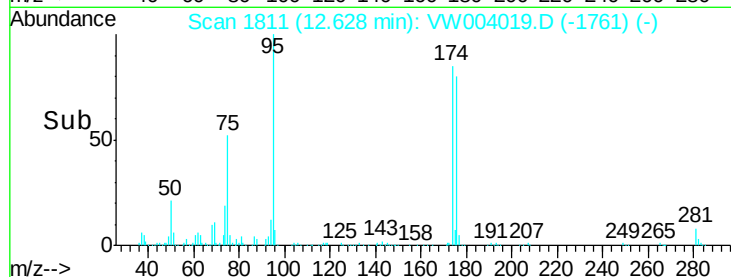
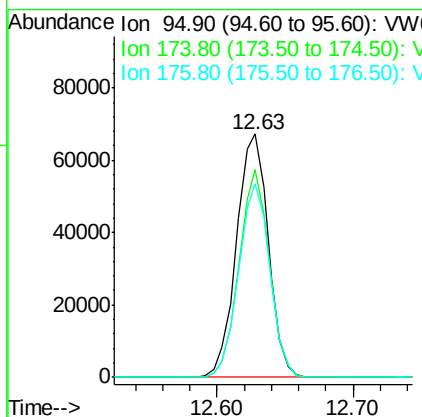
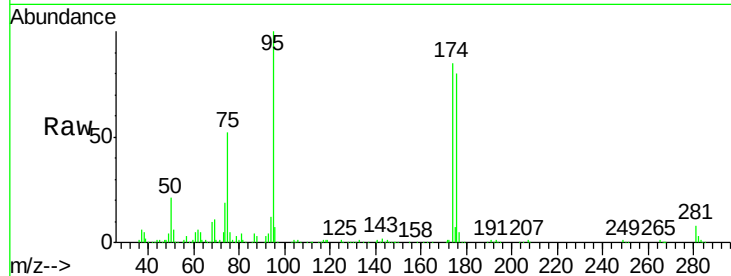




#62
4-Bromofluorobenzene
Concen: 45.075 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004019.D
Acq: 18 Jul 2018 08:12

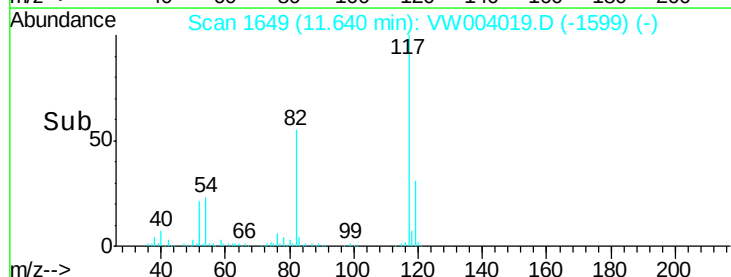
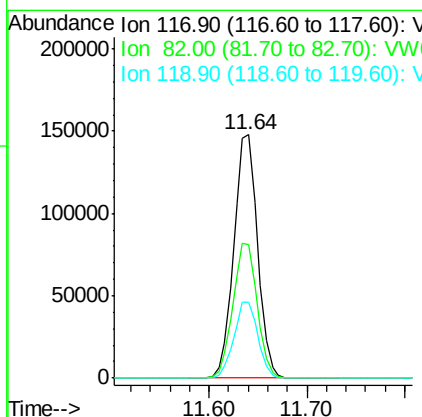
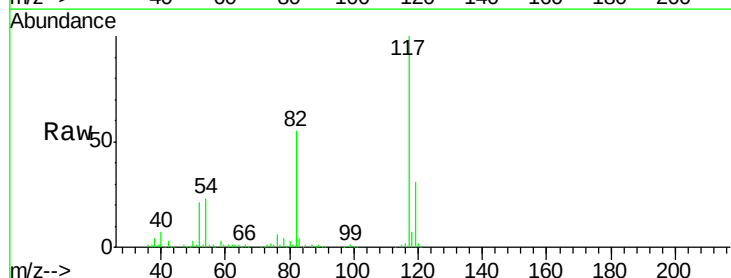
Instrument :
MSVOA_W
ClientSampleId :
MH-1RE

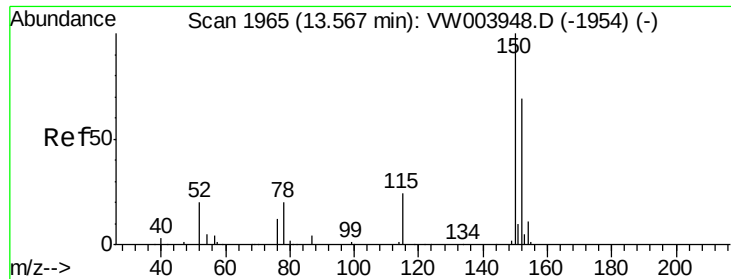
Tot Ion: 95 Resp: 109355
Ion Ratio Lower Upper
95 100
174 81.7 0.0 160.2
176 78.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004019.D
Acq: 18 Jul 2018 08:12

Tgt Ion: 117 Resp: 248823
Ion Ratio Lower Upper
117 100
82 54.8 46.5 69.7
119 31.2 26.2 39.2



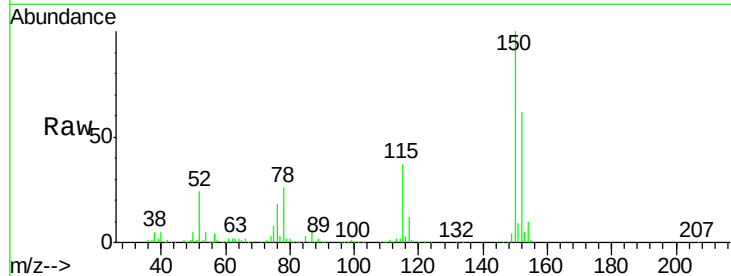


#72

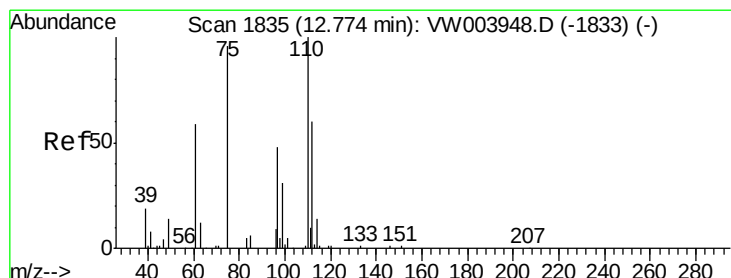
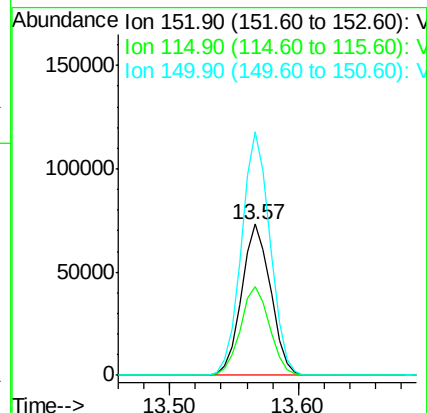
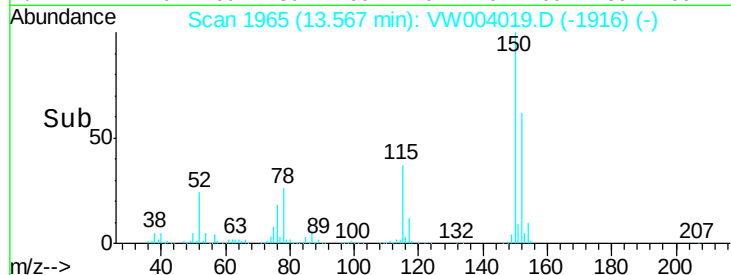
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004019.D
Acq: 18 Jul 2018 08:12

Instrument :
MSVOA_W
ClientSampleId :
MH-1RE

Tot Ion:152 Resp: 113767
Ion Ratio Lower Upper
152 100
115 59.1 29.2 87.6
150 158.8 0.0 345.2



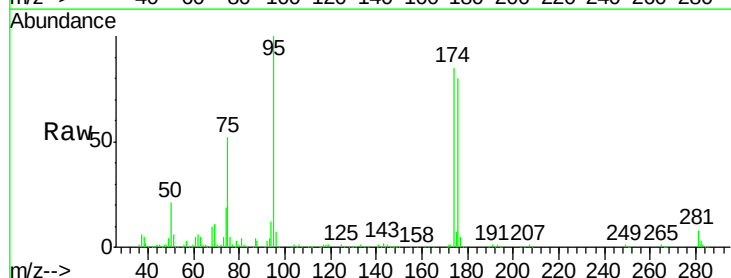
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



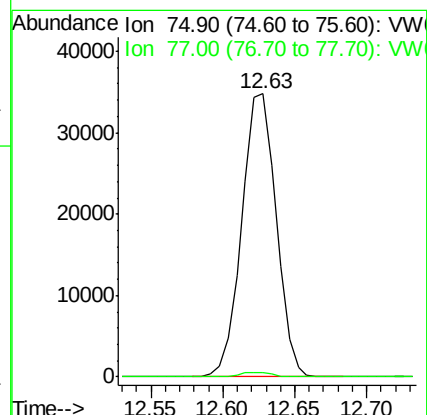
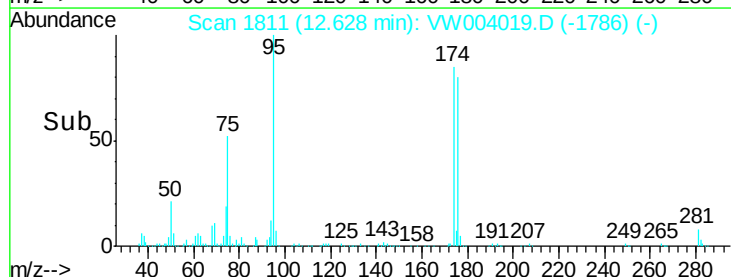
#76

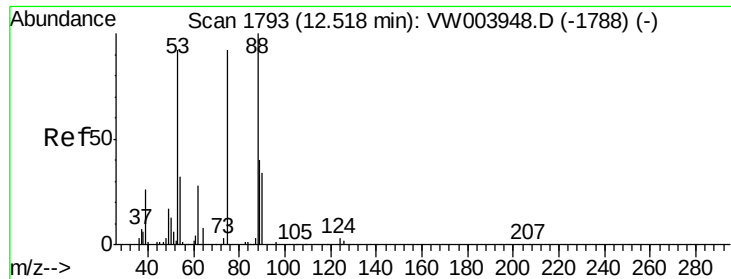
1,2,3-Trichloropropane
Concen: 51.221 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW004019.D
Acq: 18 Jul 2018 08:12

Tgt Ion: 75 Resp: 57851
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



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: 113.299 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW004019.D

Acq: 18 Jul 2018 08:12

Instrument :

MSVOA_W

ClientSampleId :

MH-1RE

Tot Ion: 75 Resp: 57851

Ion Ratio Lower Upper

75 100

53 0.4 77.6 116.4#

89 0.1 36.6 54.8#

