

Data File : VW008173.D
Acq On : 11 Jan 2019 03:47
Operator : SY/AP
Sample : K1005-03RE
Misc : 7.34G/5ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-06-010918-B

Quant Time: Jan 11 05:23:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	166467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	151720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	56445	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
35) Dibromofluoromethane	7.88	113	52475	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
50) Toluene-d8	10.32	98	212417	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.62	95	69636	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

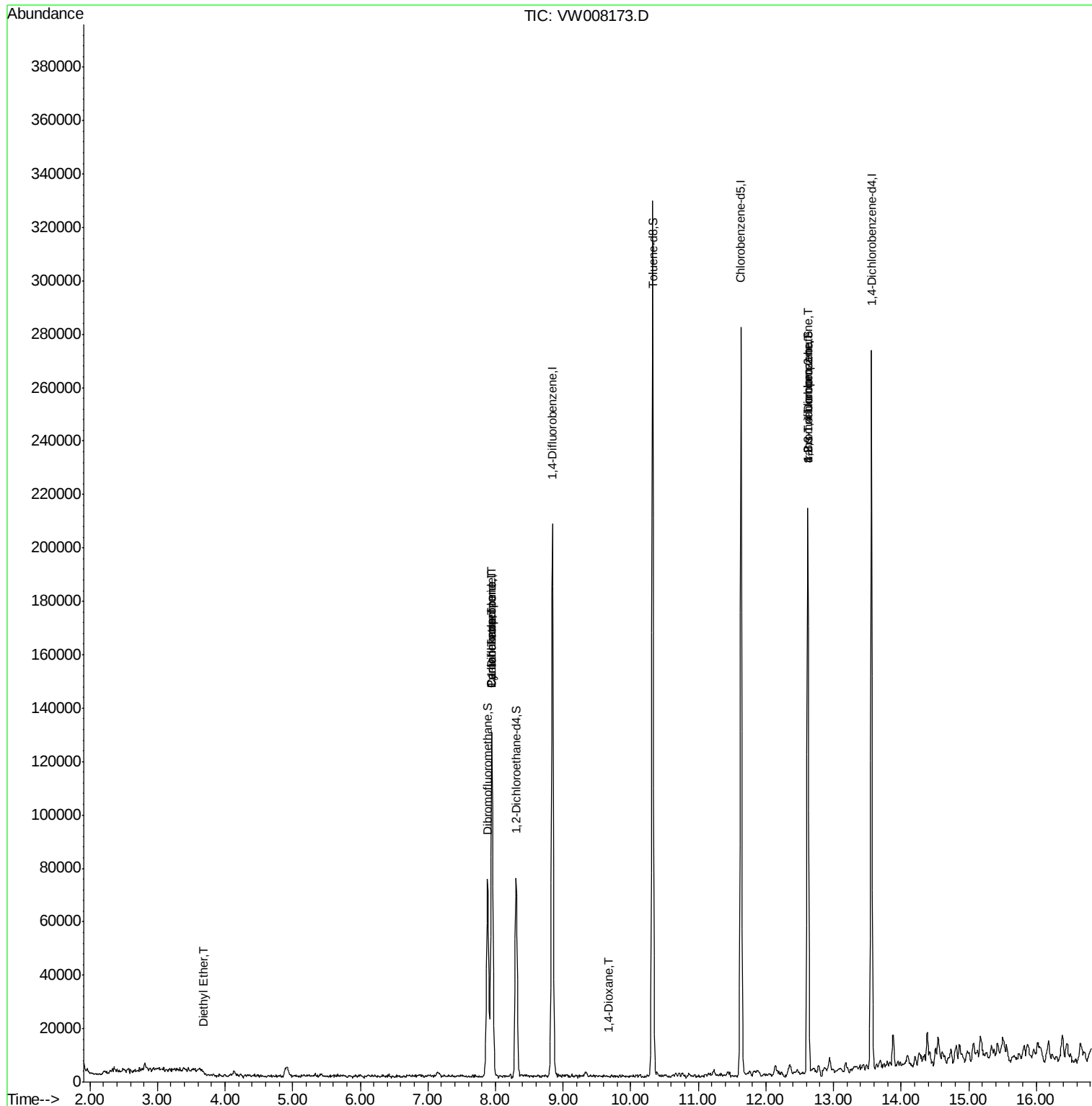
						Qvalue
8) Diethyl Ether	3.69	74	640	1.104	ug/l #	30
11) Tert butyl alcohol	5.24	59	153	Below Cal	#	100
13) Acrolein	3.91	56	48	Below Cal	#	1
16) Acetone	4.14	43	3357	Below Cal	#	81
20) Methylene Chloride	4.91	84	2720	Below Cal	#	92
31) Cyclohexane	7.95	56	2506	1.161	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	8004	4.668	ug/l #	49
38) Carbon Tetrachloride	7.95	117	9767	6.223	ug/l #	16
49) 1,4-Dioxane	9.66	88	48	5.270	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	34665	58.784	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	34665	136.890	ug/l #	10

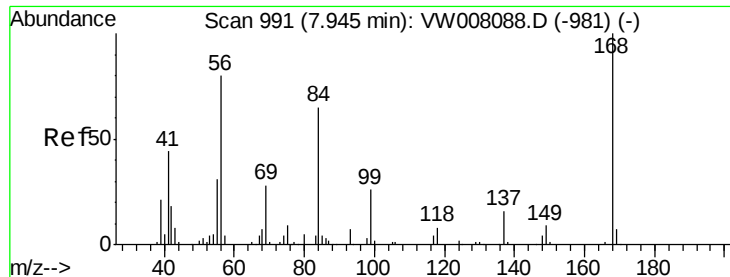
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008173.D

Acq: 11 Jan 2019 03:47

Instrument :

MSVOA_W

ClientSampleId :

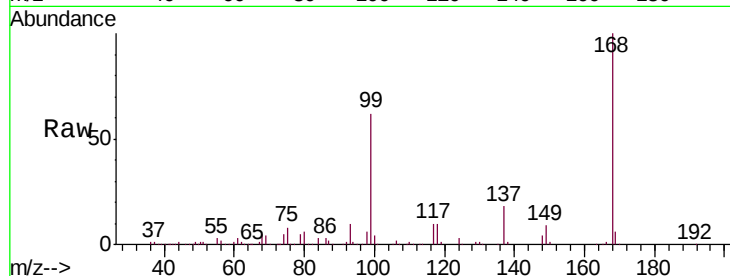
HR-06-010918-B

Tgt Ion:168 Resp: 91245

Ion Ratio Lower Upper

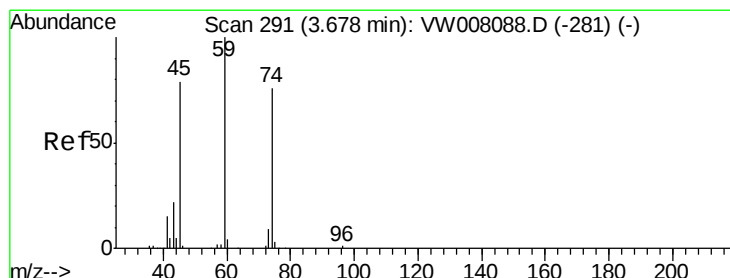
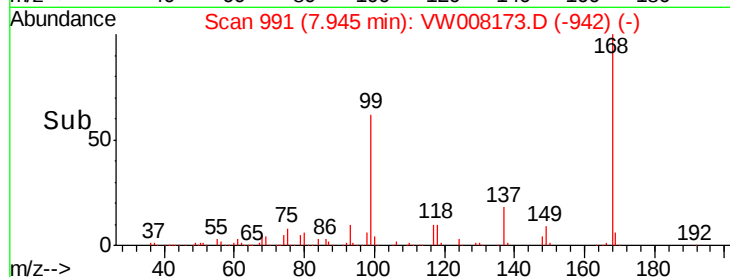
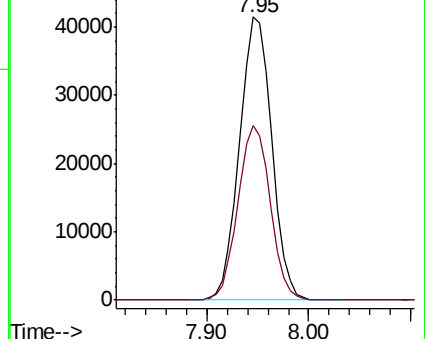
168 100

99 61.8 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.104 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW008173.D

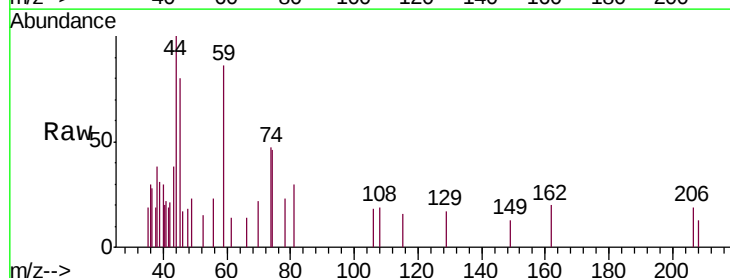
Acq: 11 Jan 2019 03:47

Tgt Ion: 74 Resp: 640

Ion Ratio Lower Upper

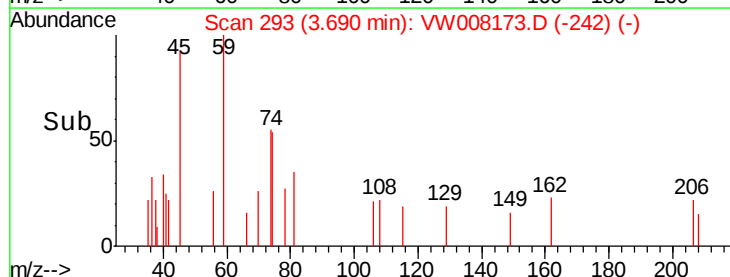
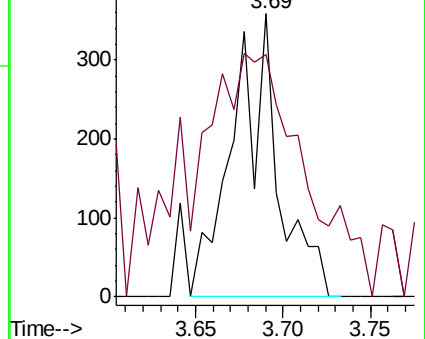
74 100

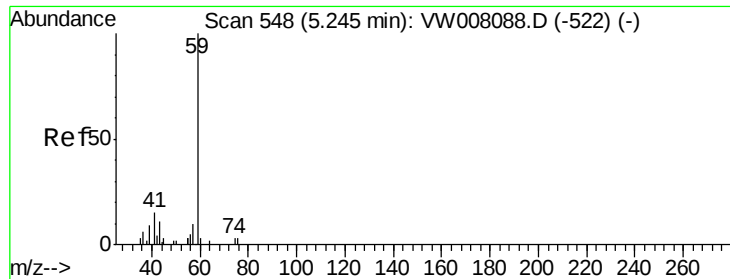
45 176.9 52.4 157.3#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

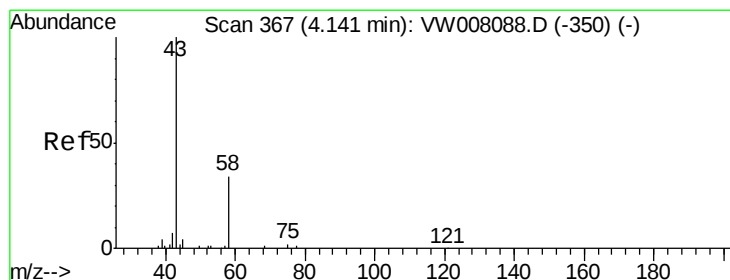
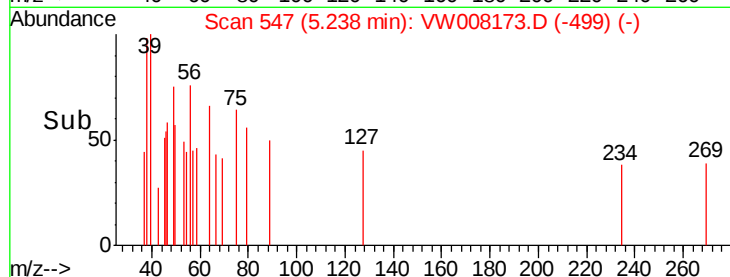
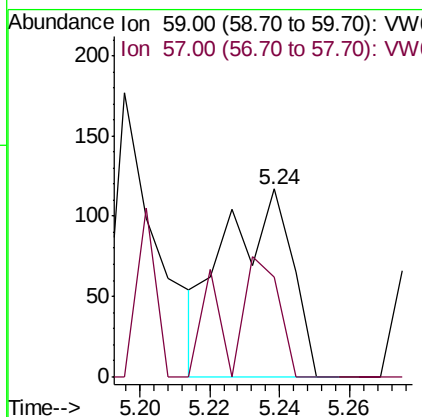
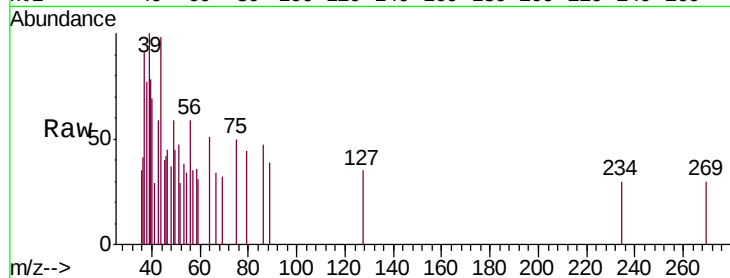




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.24 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW008173.D
Acq: 11 Jan 2019 03:47

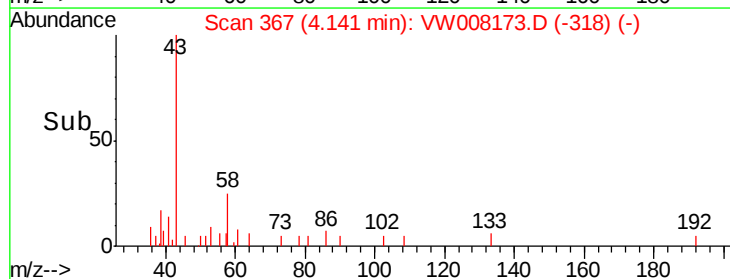
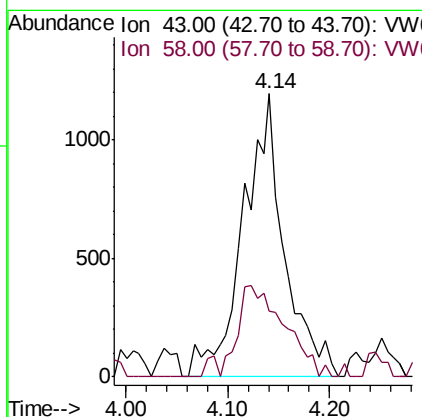
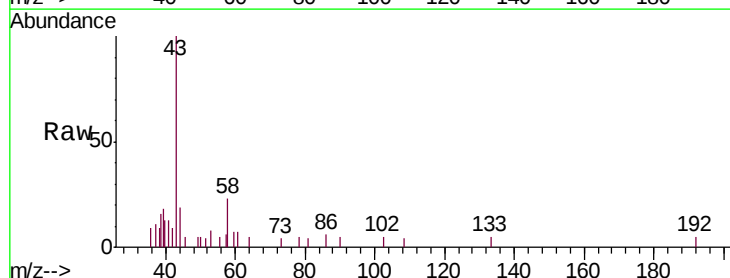
Instrument :
MSVOA_W
ClientSampleId :
HR-06-010918-B

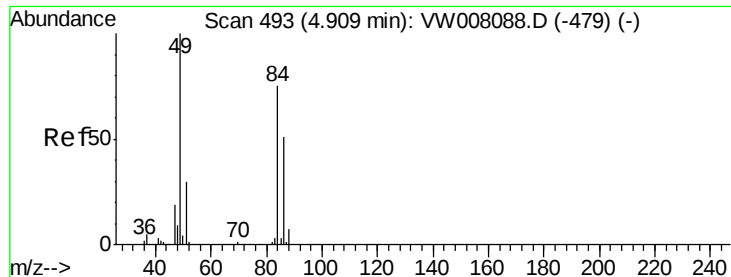
Tgt Ion: 59 Resp: 153
Ion Ratio Lower Upper
59 100
57 49.0 0.0 0.0#



#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 367
Delta R.T. 0.00 min
Lab File: VW008173.D
Acq: 11 Jan 2019 03:47

Tgt Ion: 43 Resp: 3357
Ion Ratio Lower Upper
43 100
58 23.4 27.5 41.3#

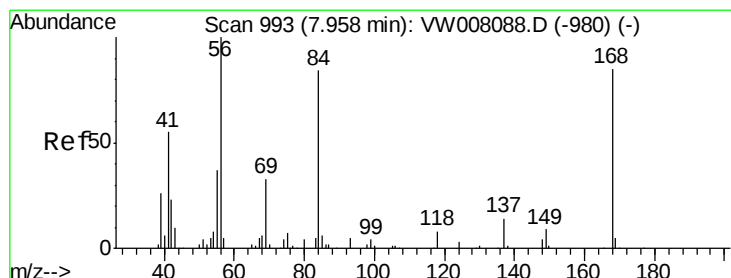
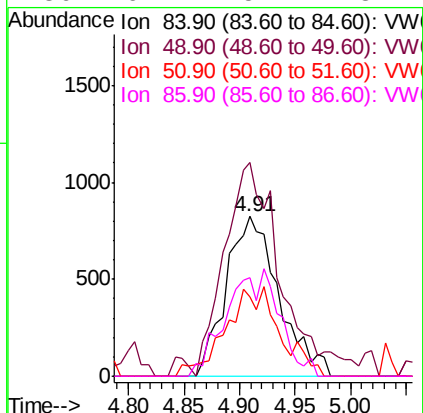
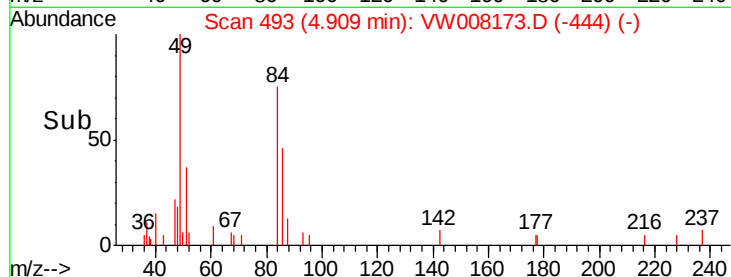
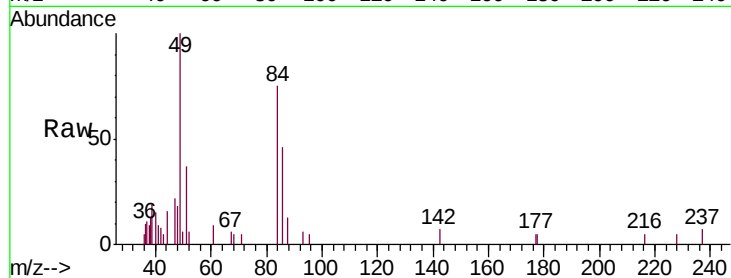




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008173.D
Acq: 11 Jan 2019 03:47

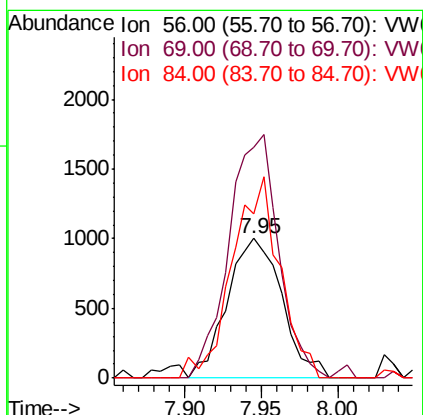
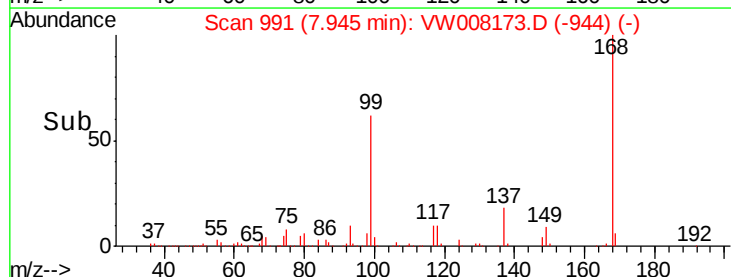
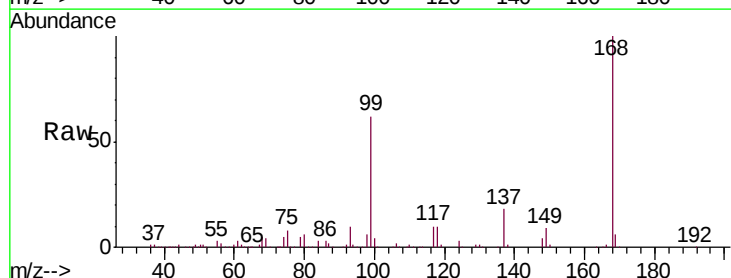
Instrument :
MSVOA_W
ClientSampleId :
HR-06-010918-B

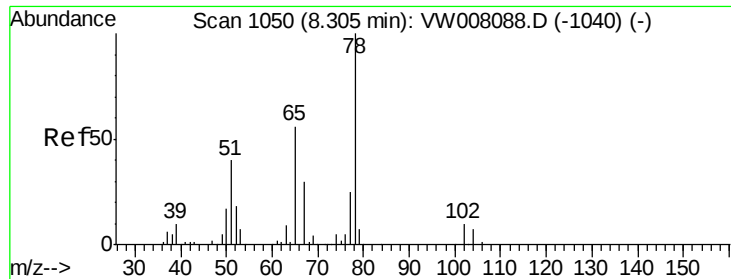
Tgt Ion: 84 Resp: 2720
Ion Ratio Lower Upper
84 100
49 127.3 107.1 160.7
51 49.9 32.4 48.6#
86 61.4 54.2 81.4



#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008173.D
Acq: 11 Jan 2019 03:47

Tgt Ion: 56 Resp: 2506
Ion Ratio Lower Upper
56 100
69 165.8 26.2 39.4#
84 118.3 67.4 101.2#

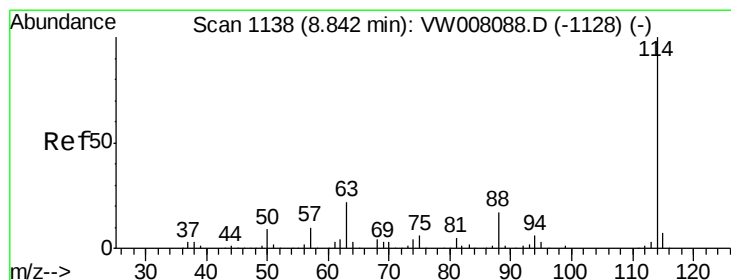
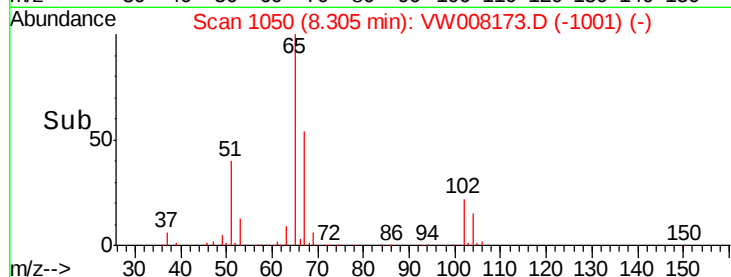
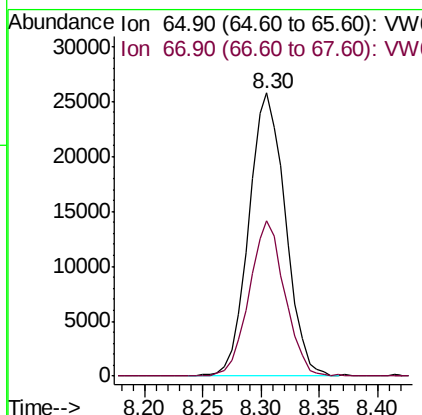
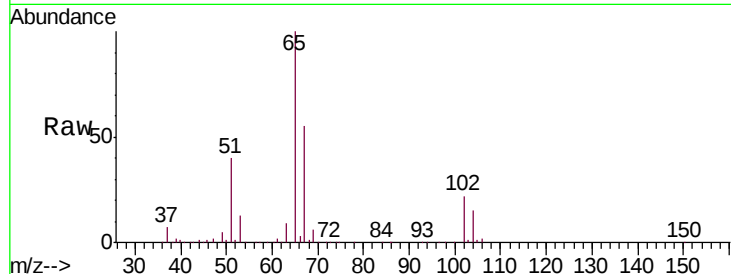




#33
 1,2-Dichloroethane-d4
 Concen: 55.041 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008173.D
 Acq: 11 Jan 2019 03:47

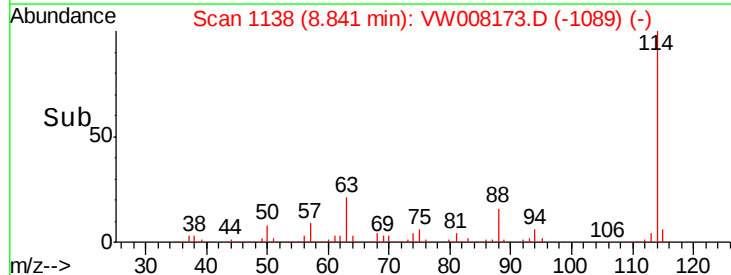
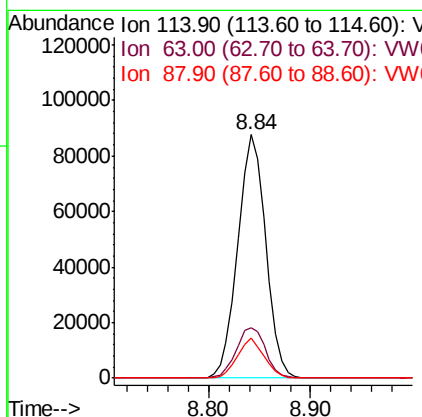
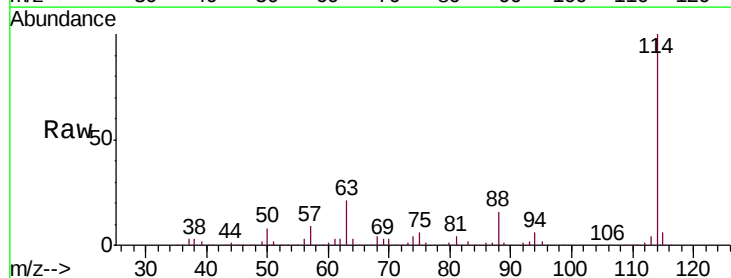
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-010918-B

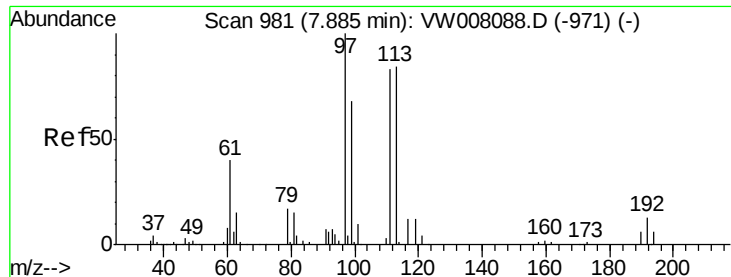
Tgt Ion: 65 Resp: 56445
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008173.D
 Acq: 11 Jan 2019 03:47

Tgt Ion: 114 Resp: 166467
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.4
 88 16.4 0.0 33.4

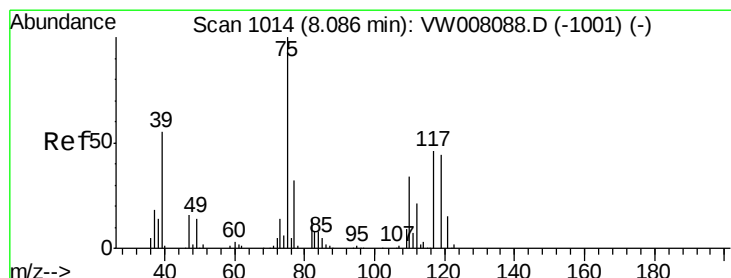
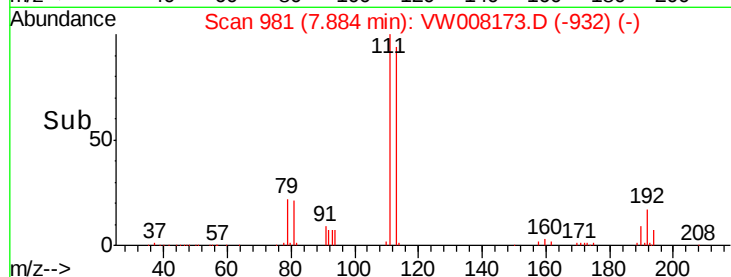
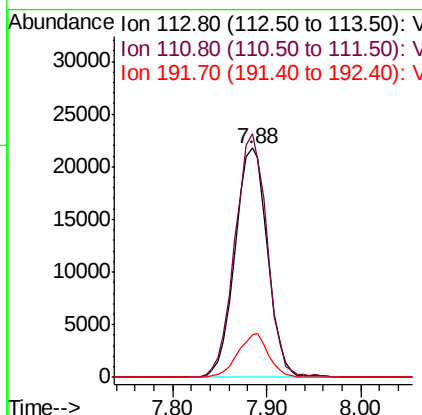
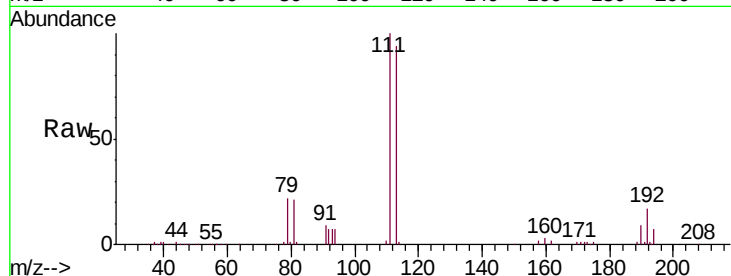




#35
 Dibromofluoromethane
 Concen: 54.048 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008173.D
 Acq: 11 Jan 2019 03:47

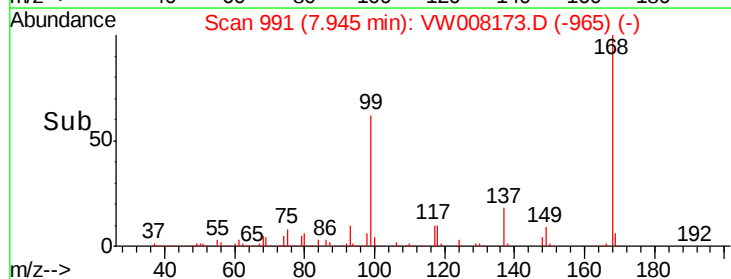
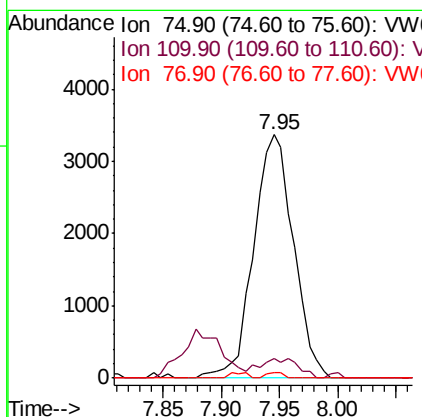
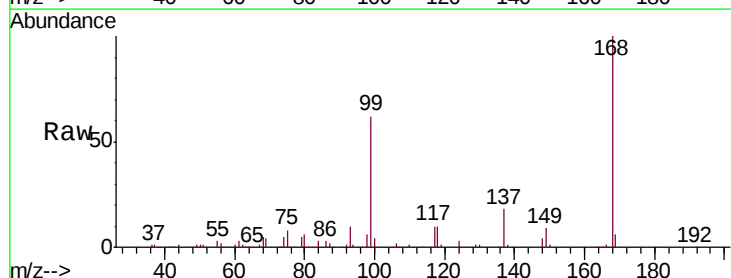
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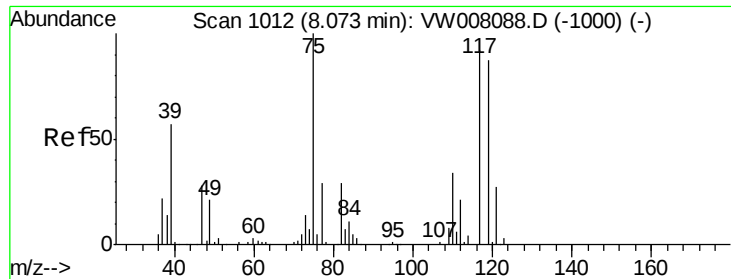
Tgt Ion:113 Resp: 52475
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.8 122.8
 192 18.0 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 4.668 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008173.D
 Acq: 11 Jan 2019 03:47

Tgt Ion: 75 Resp: 8004
 Ion Ratio Lower Upper
 75 100
 110 7.9 17.1 51.3#
 77 0.9 25.5 38.3#

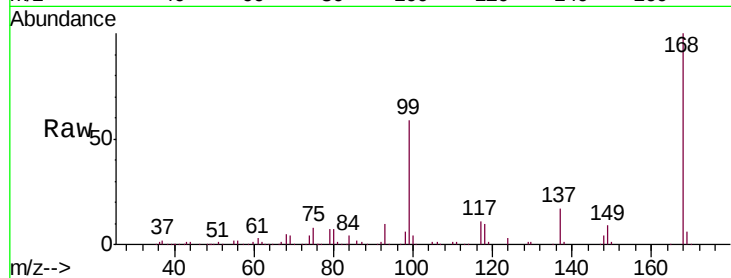




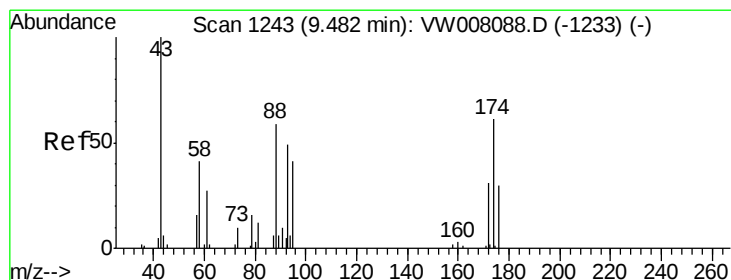
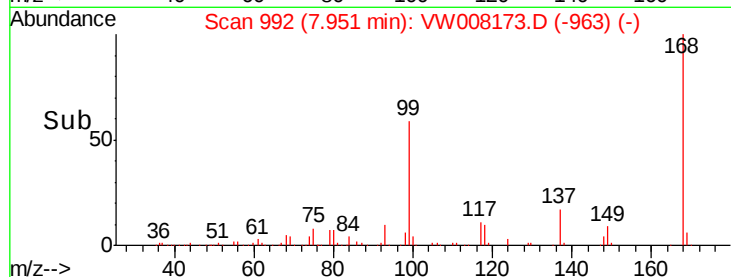
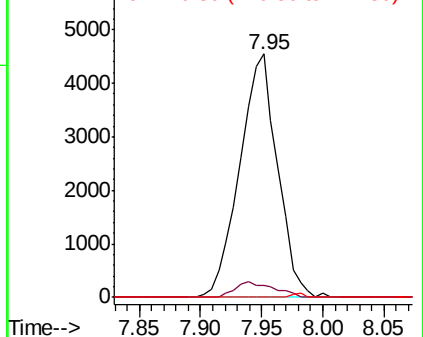
#38
Carbon Tetrachloride
Concen: 6.223 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008173.D
Acq: 11 Jan 2019 03:47

Instrument :
MSVOA_W
ClientSampleId :
HR-06-010918-B

Tgt Ion:117 Resp: 9767
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 23.7 35.5#

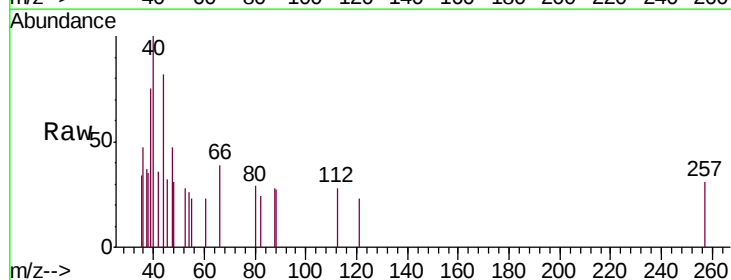


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

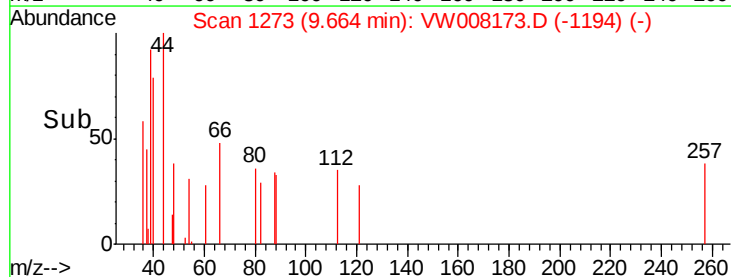
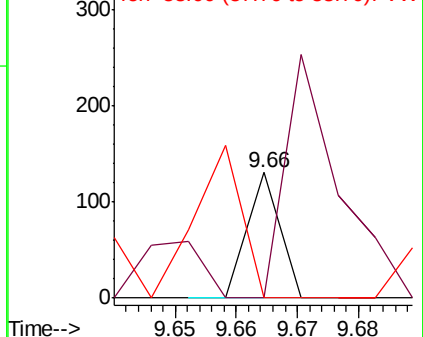


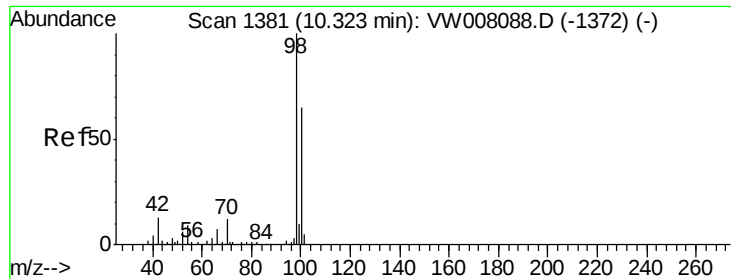
#49
1,4-Dioxane
Concen: 5.270 ug/l
RT: 9.66 min Scan# 1273
Delta R.T. 0.18 min
Lab File: VW008173.D
Acq: 11 Jan 2019 03:47

Tgt Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
43 320.8 0.0 0.0#
58 222.9 61.7 92.5#



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: 52.136 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008173.D

Acq: 11 Jan 2019 03:47

Instrument :

MSVOA_W

ClientSampleId :

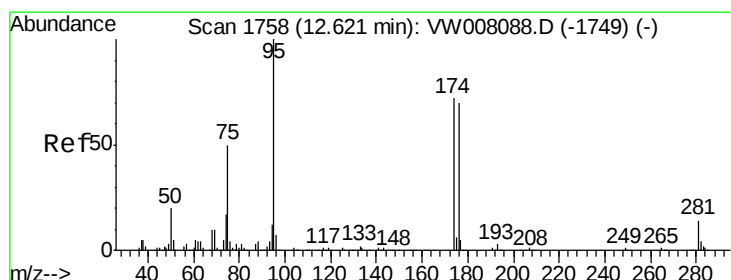
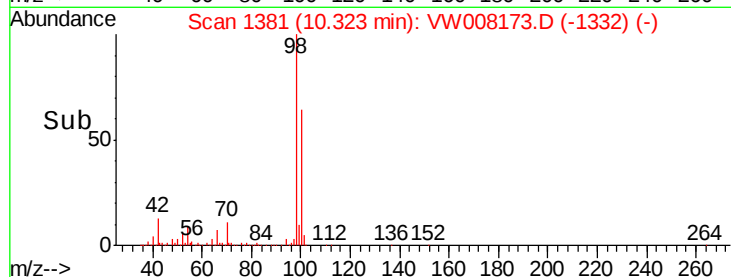
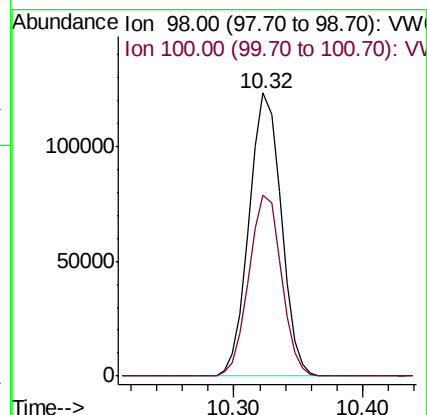
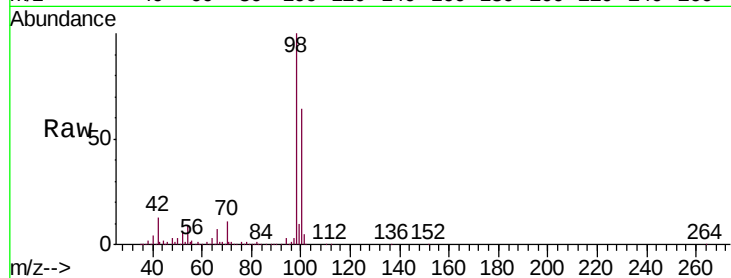
HR-06-010918-B

Tgt Ion: 98 Resp: 212417

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.676 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008173.D

Acq: 11 Jan 2019 03:47

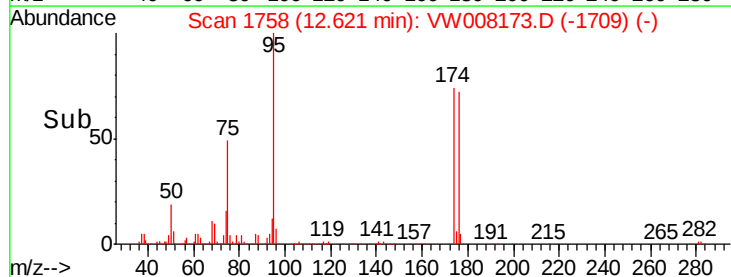
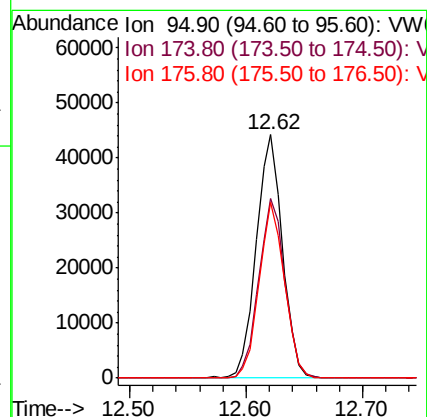
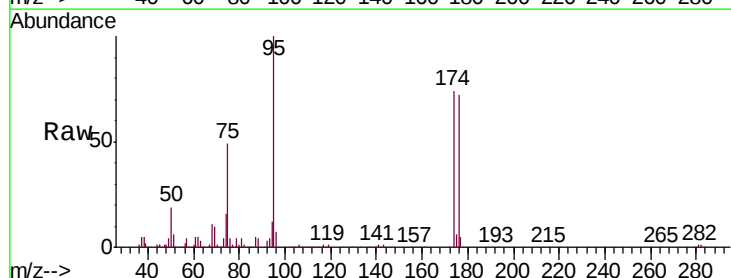
Tgt Ion: 95 Resp: 69636

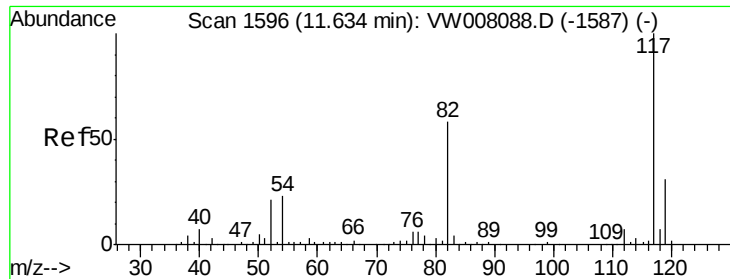
Ion Ratio Lower Upper

95 100

174 73.6 0.0 143.0

176 69.9 0.0 140.2

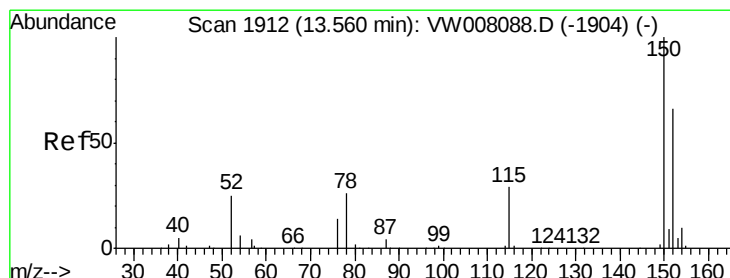
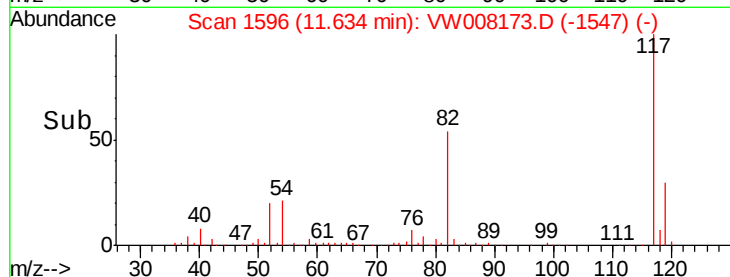
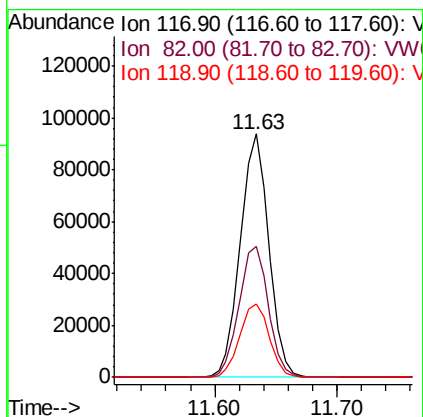
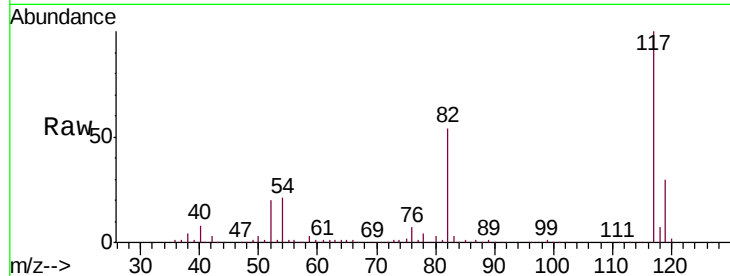




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008173.D
Acq: 11 Jan 2019 03:47

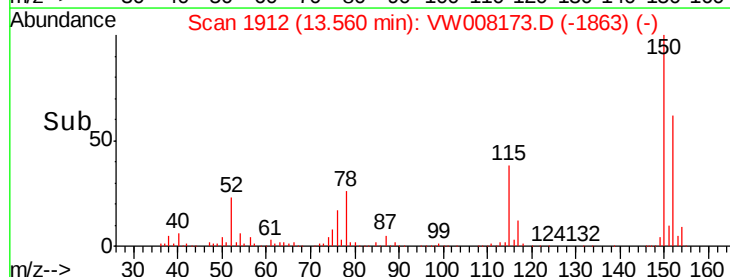
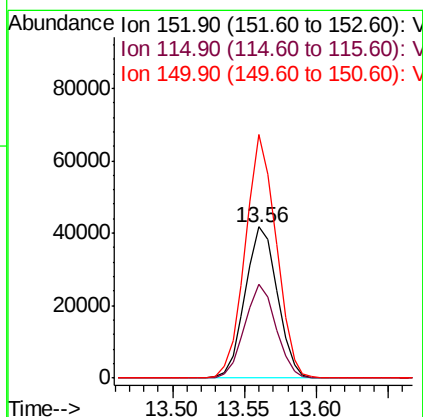
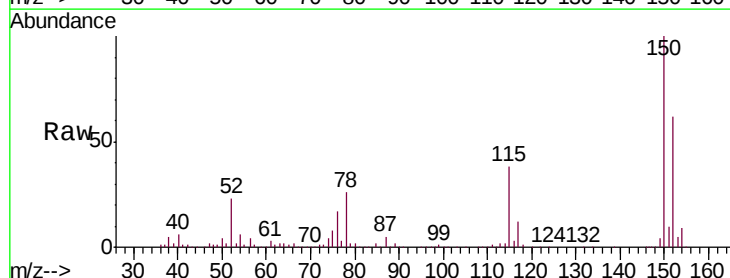
Instrument :
MSVOA_W
ClientSampleId :
HR-06-010918-B

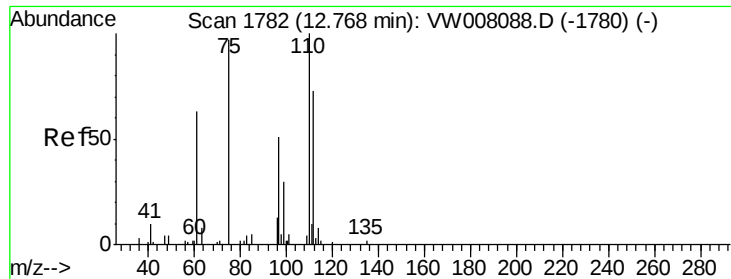
Tgt Ion:117 Resp: 151720
Ion Ratio Lower Upper
117 100
82 53.8 46.4 69.6
119 30.3 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008173.D
Acq: 11 Jan 2019 03:47

Tgt Ion:152 Resp: 64688
Ion Ratio Lower Upper
152 100
115 60.2 30.8 92.4
150 154.3 0.0 350.2





#76

1,2,3-Trichloropropane

Concen: 58.784 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008173.D

Acq: 11 Jan 2019 03:47

Instrument :

MSVOA_W

ClientSampleId :

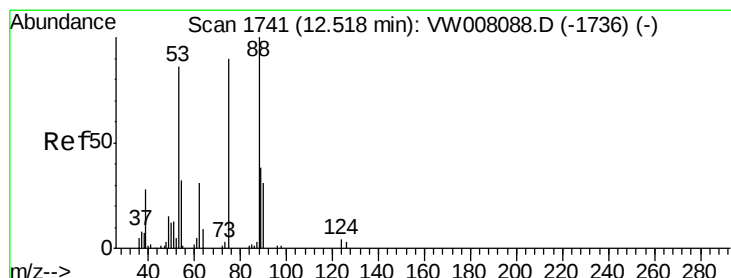
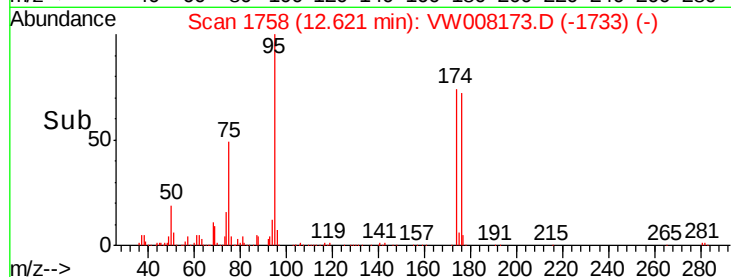
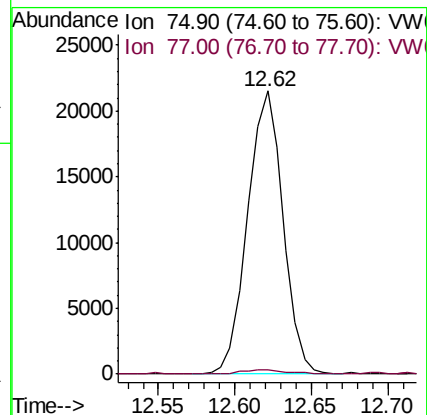
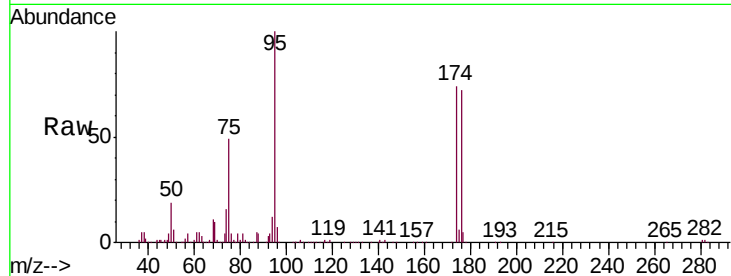
HR-06-010918-B

Tgt Ion: 75 Resp: 34665

Ion Ratio Lower Upper

75 100

77 1.8 179.4 538.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.890 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008173.D

Acq: 11 Jan 2019 03:47

Tgt Ion: 75 Resp: 34665

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.1 35.4 53.2#

