

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014747.D
 Acq On : 24 Jan 2020 16:33
 Operator : SY/VA
 Sample : L1007-11
 Misc : 8.22G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-012320-B

Quant Time: Jan 25 06:09:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 13:12:20 2020
 Response via : Initial Calibration

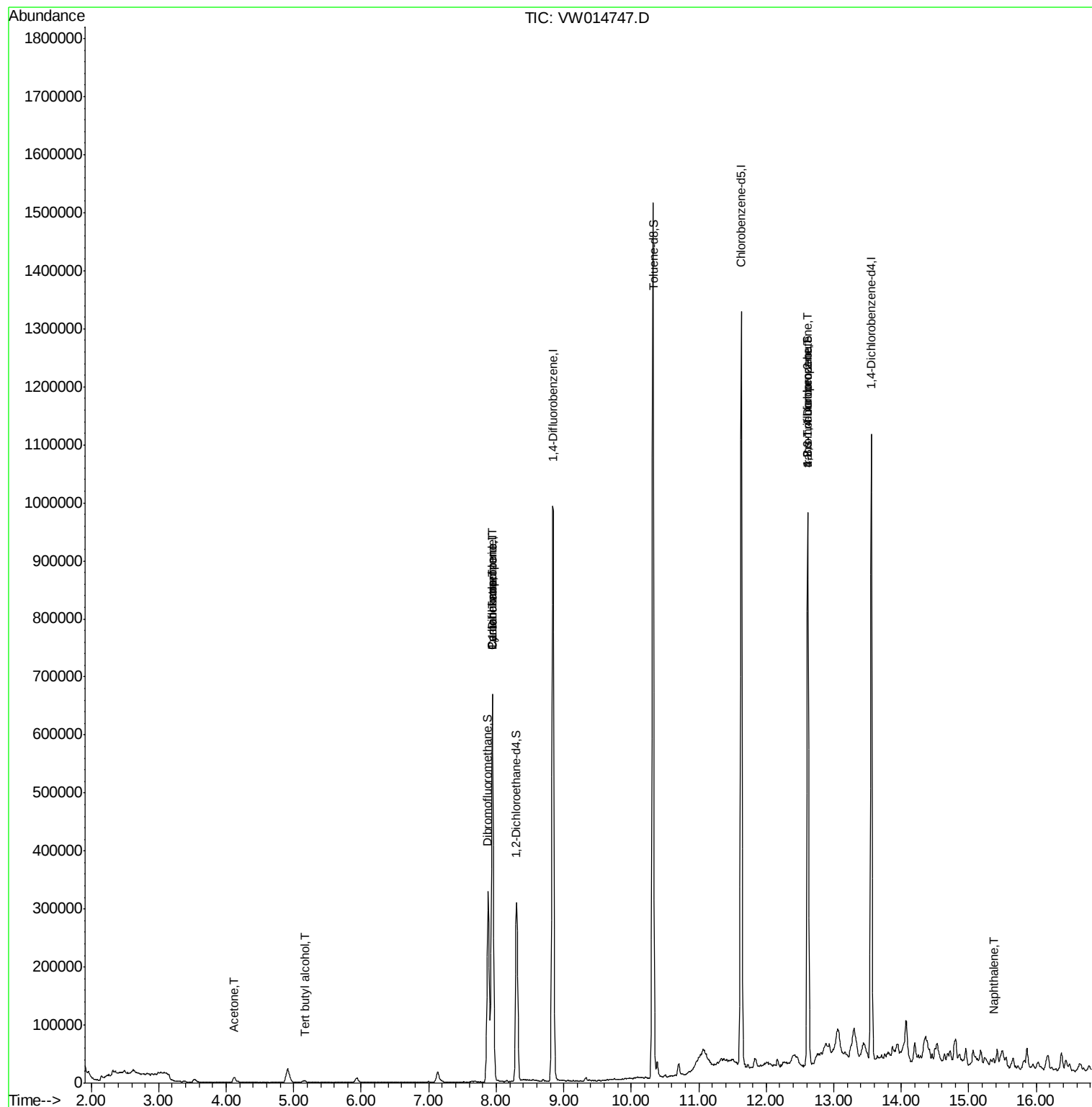
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	516116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	850148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	738221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	286952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	247076	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
35) Dibromofluoromethane	7.88	113	242417	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
50) Toluene-d8	10.32	98	1005592	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.62	95	318926	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	6338	17.744	ug/l #	94
16) Acetone	4.12	43	16916	13.540	ug/l	97
20) Methylene Chloride	4.91	84	20019	Below Cal		98
31) Cyclohexane	7.95	56	10910	1.055	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	38448	4.460	ug/l #	51
38) Carbon Tetrachloride	7.95	117	47963	6.388	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	157388	55.243	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	157388	130.744	ug/l #	11
95) Naphthalene	15.37	128	6240	1.610	ug/l #	90

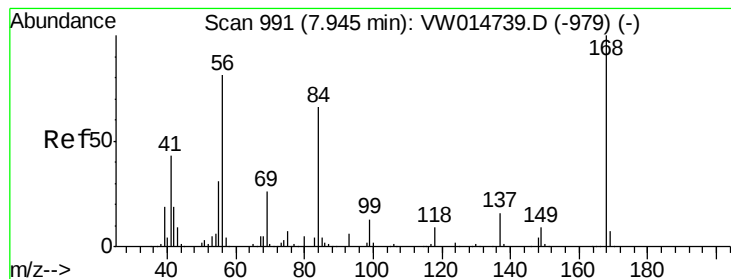
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012420\
Data File : VW014747.D
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ClientSampleId :
JC-03-012320-B

Quant Time: Jan 25 06:09:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 24 13:12:20 2020
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: VW014747.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_W

ClientSampleId :

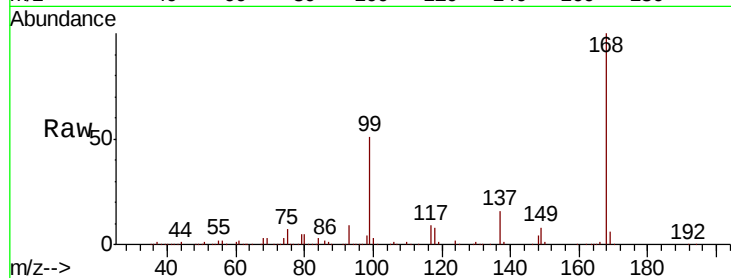
JC-03-012320-B

Tot Ion:168 Resp: 516116

Ion Ratio Lower Upper

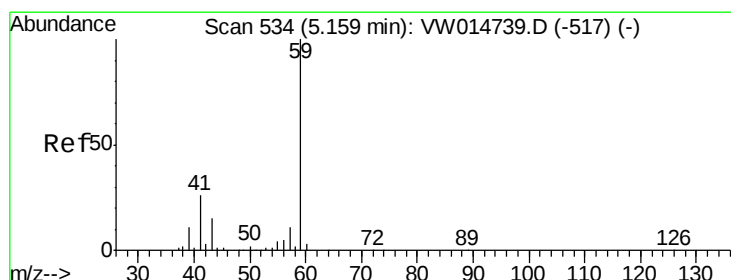
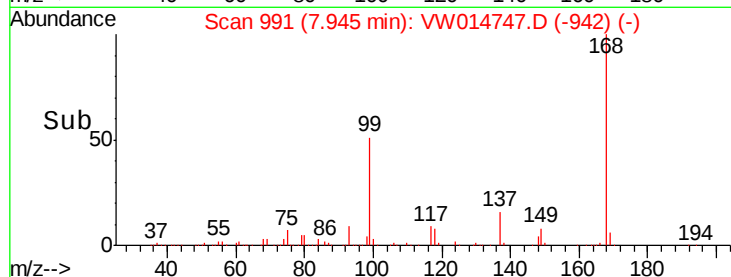
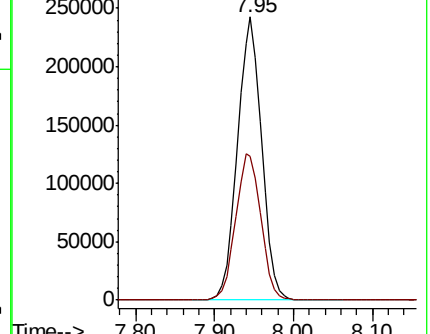
168 100

99 51.0 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 17.744 ug/l

RT: 5.17 min Scan# 535

Delta R.T. 0.01 min

Lab File: VW014747.D

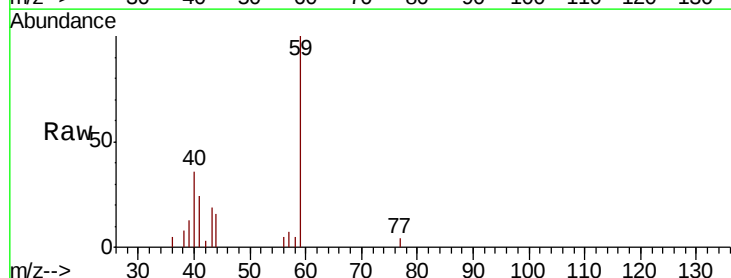
Acq: 24 Jan 2020 16:33

Tgt Ion: 59 Resp: 6338

Ion Ratio Lower Upper

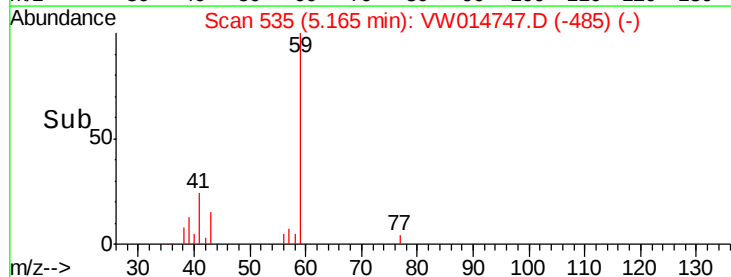
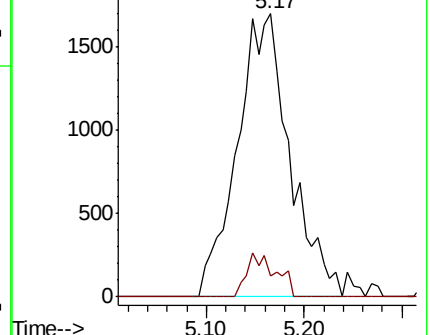
59 100

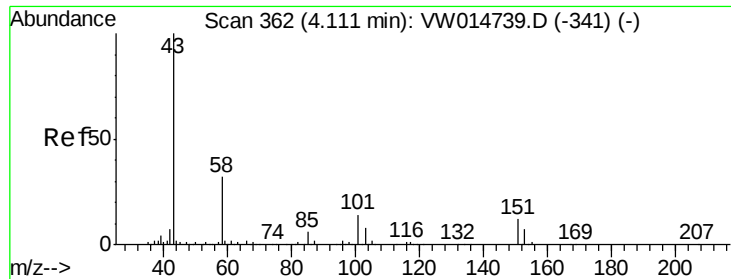
57 8.5 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

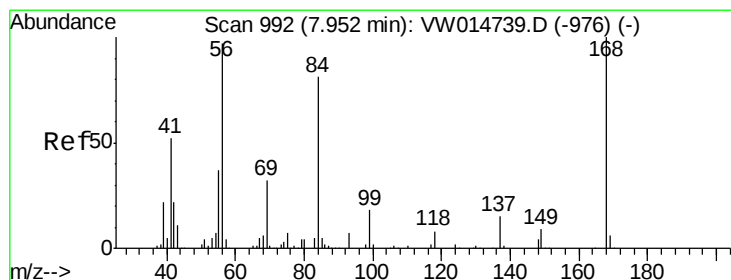
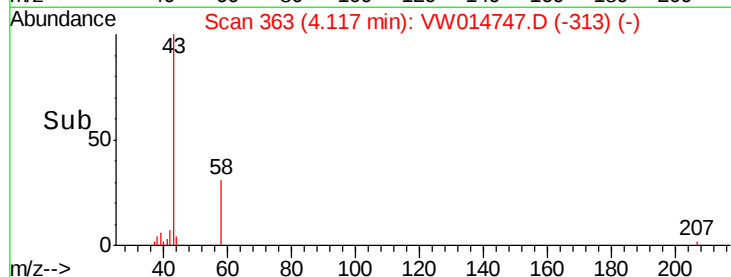
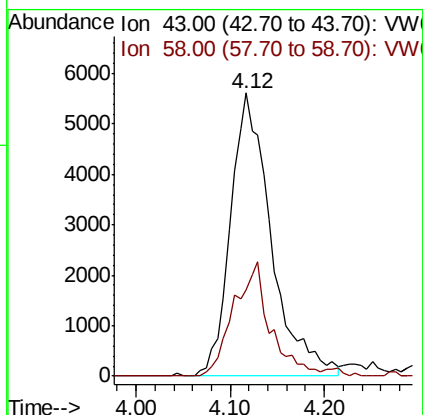
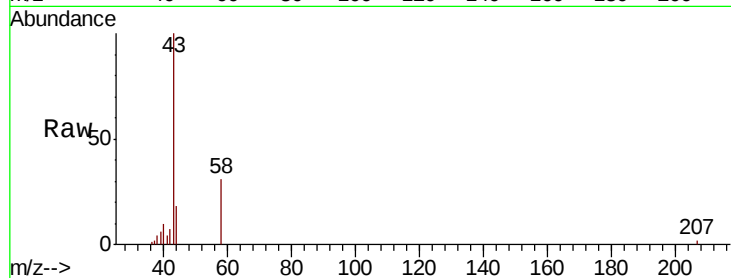




#16
Acetone
Concen: 13.540 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.01 min
Lab File: VW014747.D
Acq: 24 Jan 2020 16:33

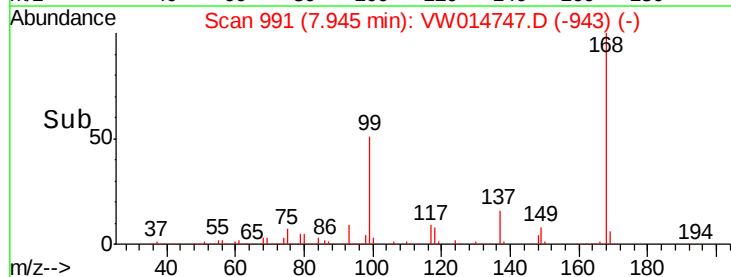
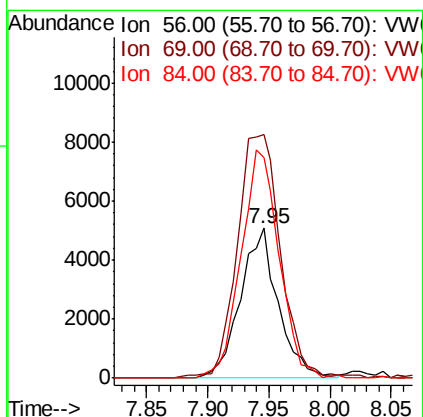
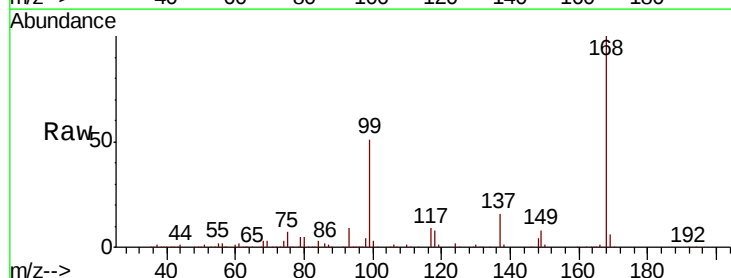
Instrument :
MSVOA_W
ClientSampleId :
JC-03-012320-B

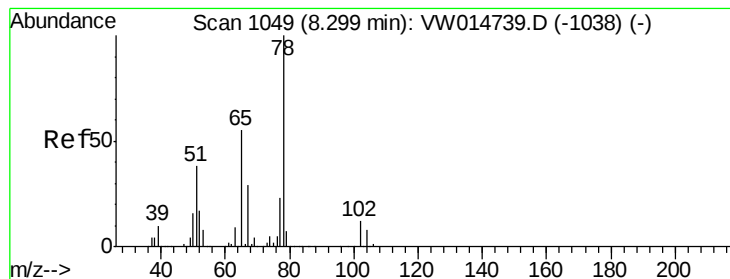
Tot Ion: 43 Resp: 16916
Ion Ratio Lower Upper
43 100
58 30.5 25.6 38.4



#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW014747.D
Acq: 24 Jan 2020 16:33

Tgt Ion: 56 Resp: 10910
Ion Ratio Lower Upper
56 100
69 160.7 26.0 39.0#
84 146.8 66.6 99.8#





#33

1,2-Dichloroethane-d4

Concen: 49.705 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VW014747.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_W

ClientSampleId :

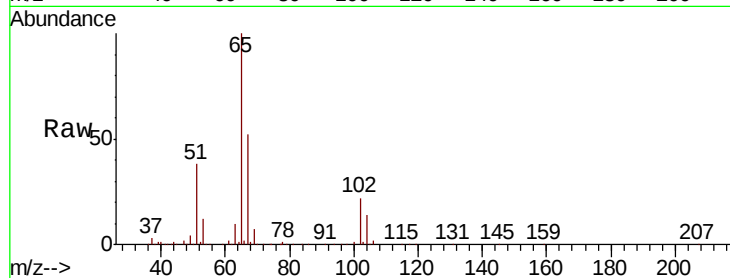
JC-03-012320-B

Tot Ion: 65 Resp: 247076

Ion Ratio Lower Upper

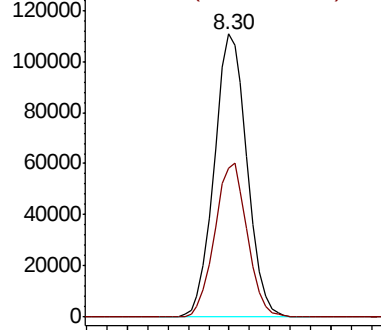
65 100

67 54.0 0.0 106.0

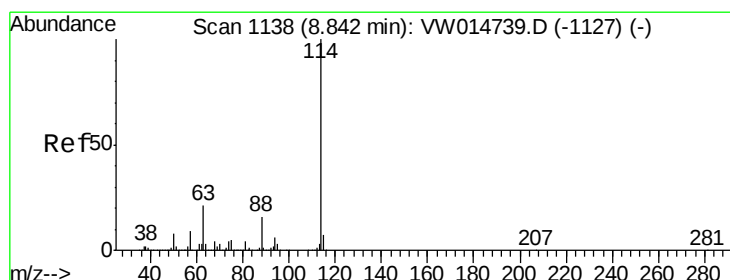
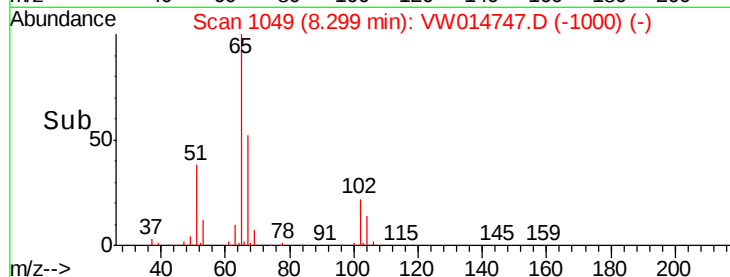


Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW014747.D

Acq: 24 Jan 2020 16:33

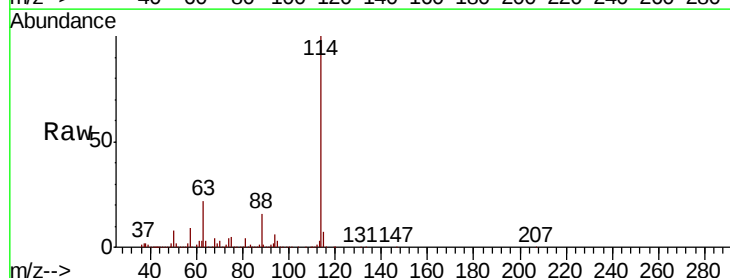
Tgt Ion: 114 Resp: 850148

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.2

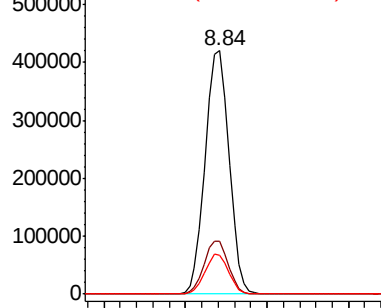
88 16.1 0.0 32.2



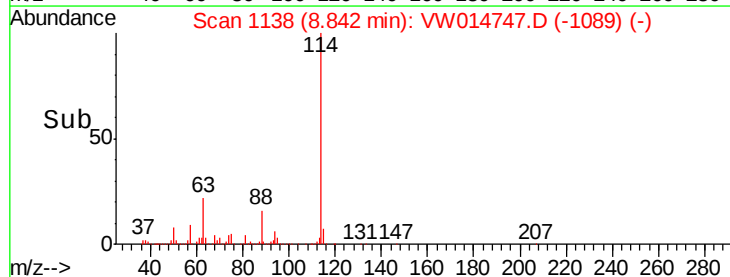
Abundance Ion 113.90 (113.60 to 114.60): V

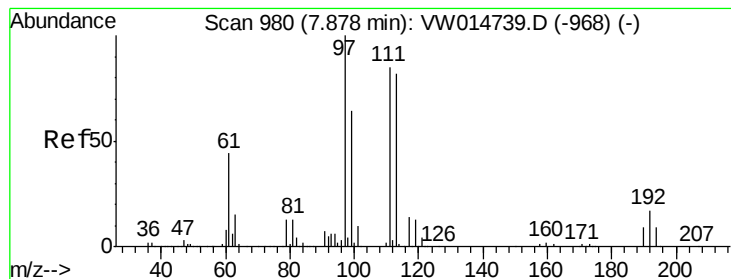
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



Time-->





#35

Dibromofluoromethane

Concen: 48.986 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW014747.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_W

ClientSampleId :

JC-03-012320-B

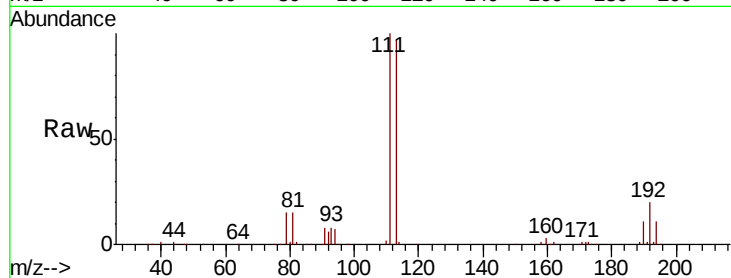
Tot Ion:113 Resp: 242417

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

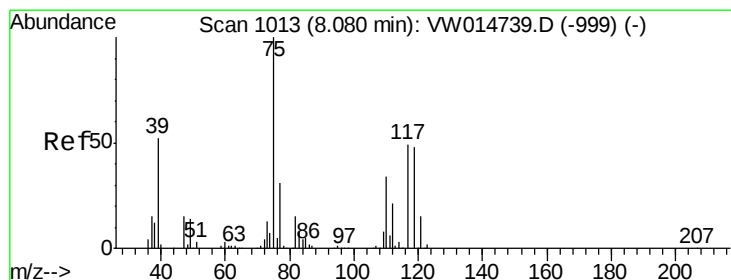
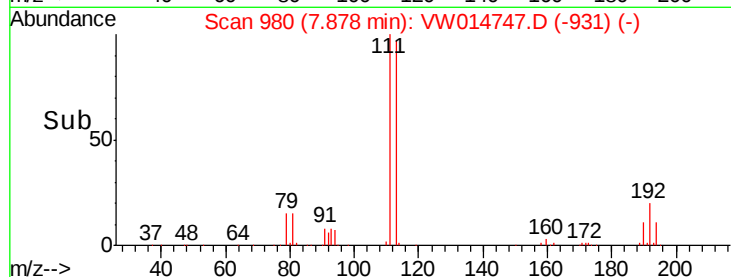
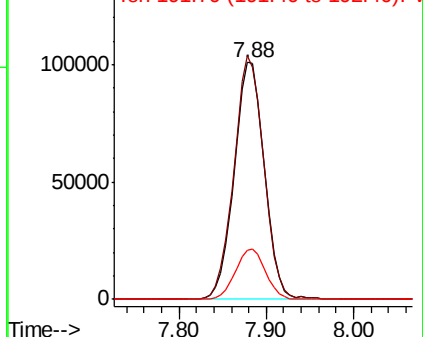
192 21.3 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.460 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW014747.D

Acq: 24 Jan 2020 16:33

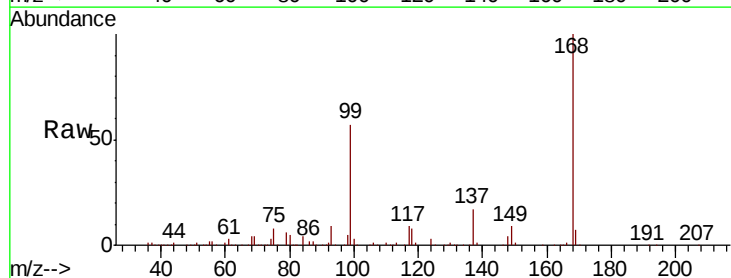
Tgt Ion: 75 Resp: 38448

Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.2#

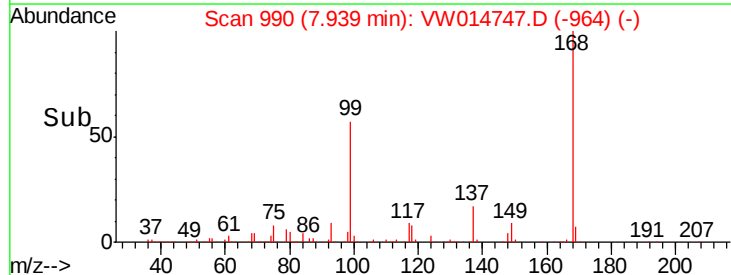
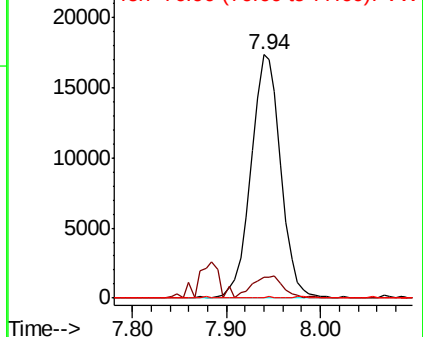
77 0.2 24.8 37.2#

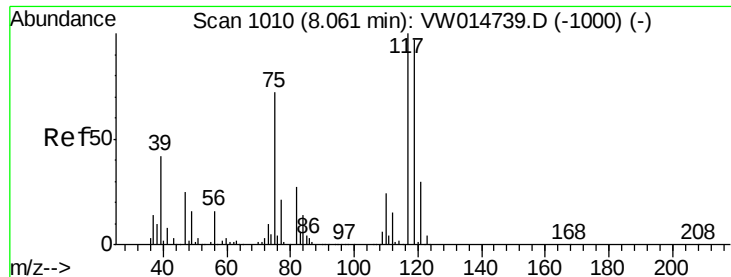


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.388 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW014747.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_W

ClientSampleId :

JC-03-012320-B

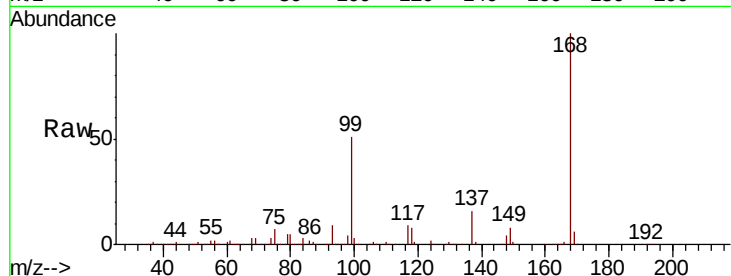
Tot Ion:117 Resp: 47963

Ion Ratio Lower Upper

117 100

119 7.1 77.5 116.3#

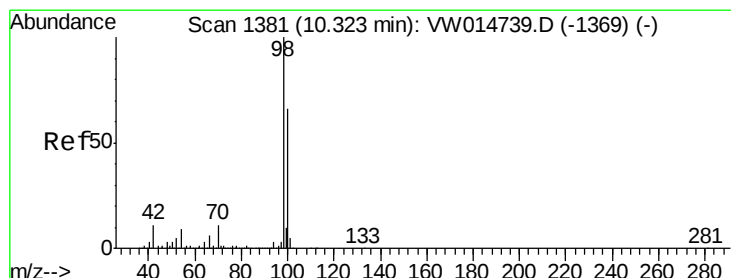
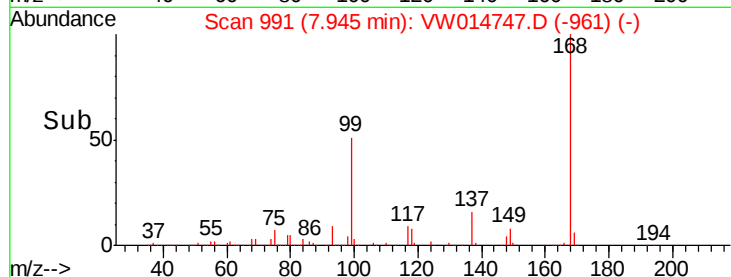
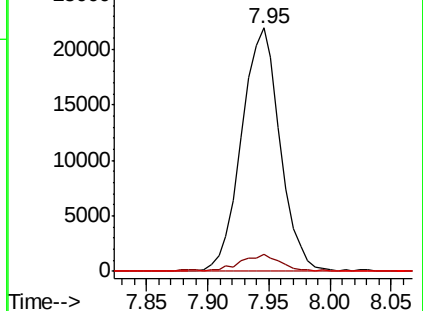
121 0.0 24.3 36.5#



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



#50

Toluene-d8

Concen: 49.280 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014747.D

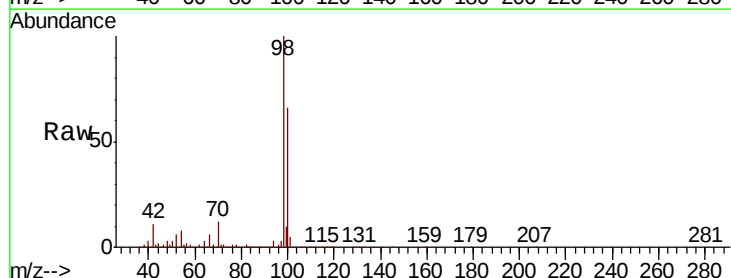
Acq: 24 Jan 2020 16:33

Tgt Ion: 98 Resp: 1005592

Ion Ratio Lower Upper

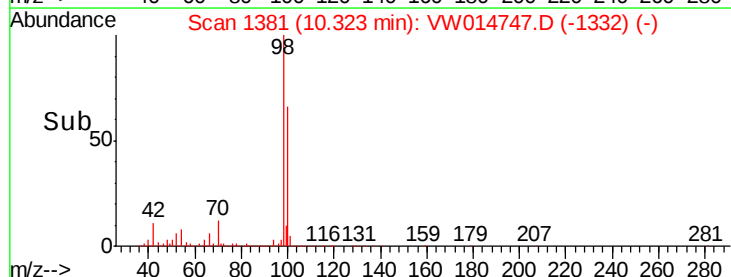
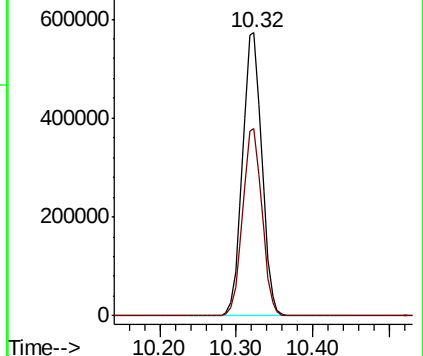
98 100

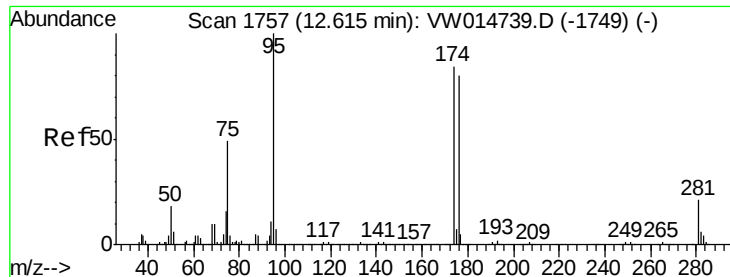
100 65.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

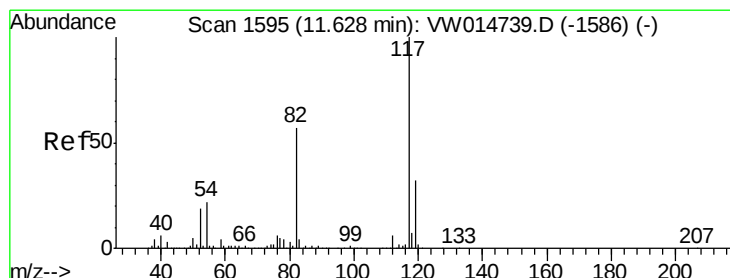
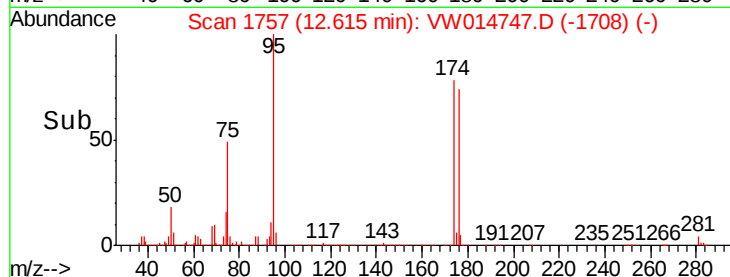
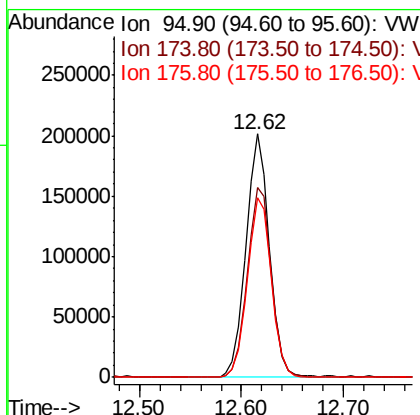
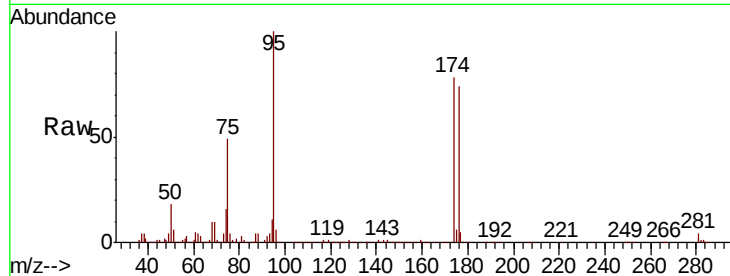




#62
4-Bromofluorobenzene
Concen: 46.746 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014747.D
Acq: 24 Jan 2020 16:33

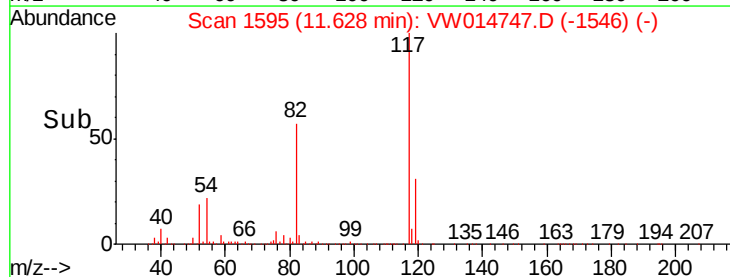
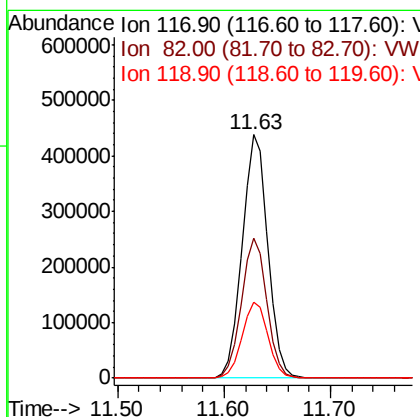
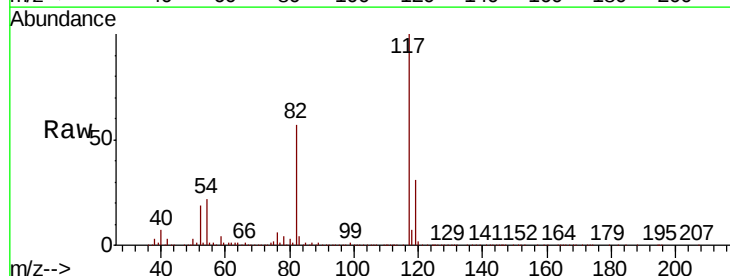
Instrument :
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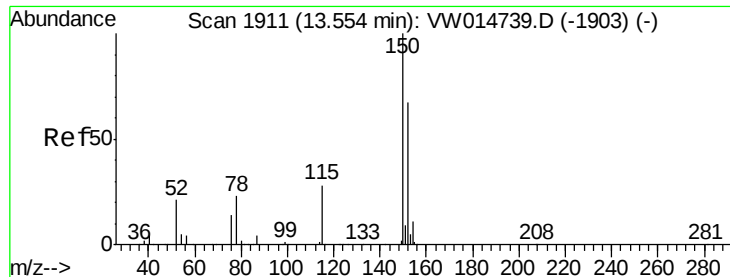
Tot Ion: 95 Resp: 318926
Ion Ratio Lower Upper
95 100
174 81.1 0.0 163.0
176 76.3 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014747.D
Acq: 24 Jan 2020 16:33

Tgt Ion: 117 Resp: 738221
Ion Ratio Lower Upper
117 100
82 57.2 45.9 68.9
119 31.4 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014747.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_W

ClientSampleId :

JC-03-012320-B

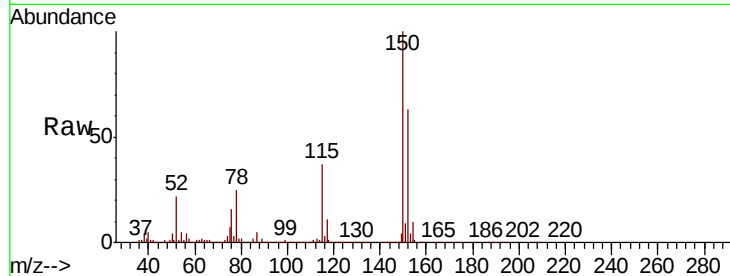
Tot Ion:152 Resp: 286952

Ion Ratio Lower Upper

152 100

115 57.6 29.0 87.1

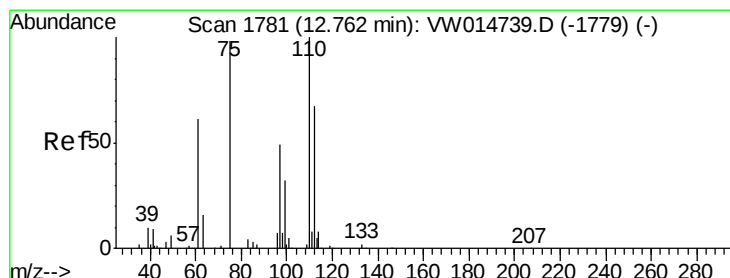
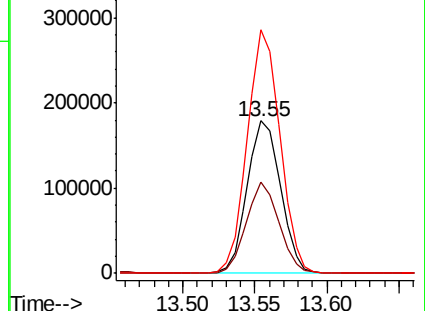
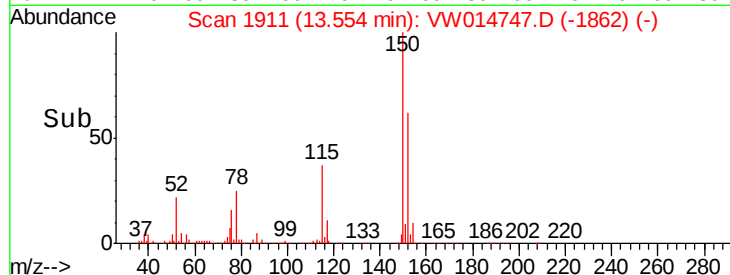
150 156.5 0.0 354.0



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: 55.243 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014747.D

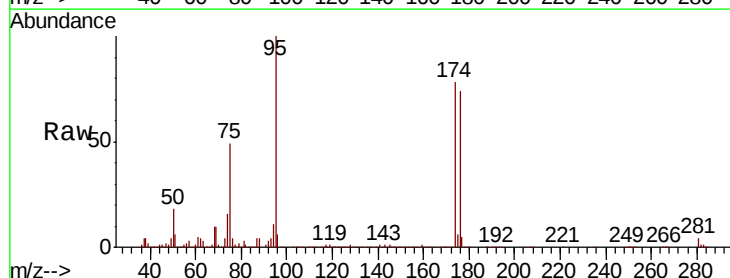
Acq: 24 Jan 2020 16:33

Tgt Ion: 75 Resp: 157388

Ion Ratio Lower Upper

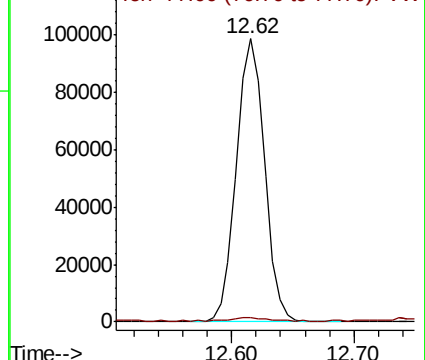
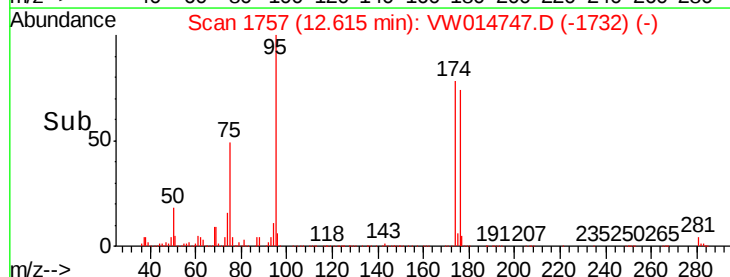
75 100

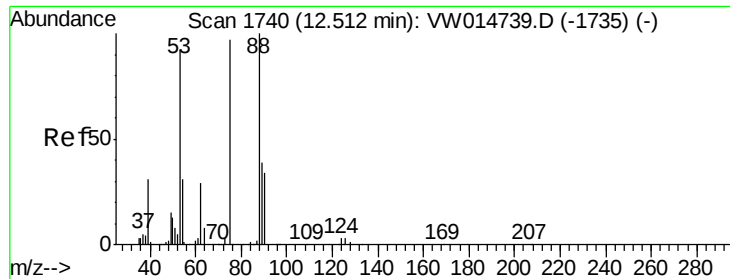
77 1.9 167.9 503.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

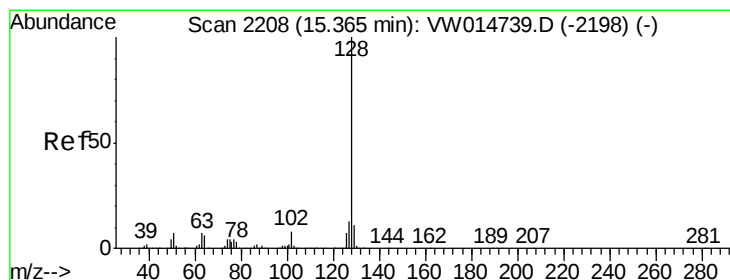
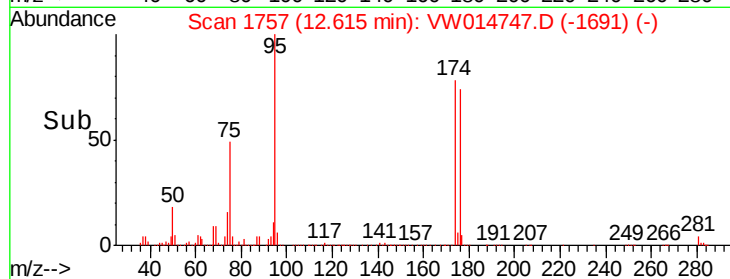
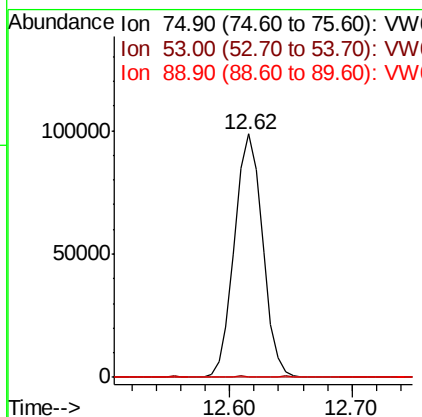
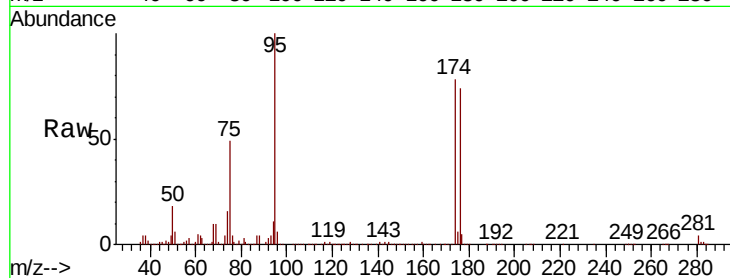




#81
trans-1,4-Dichloro-2-butene
Concen: 130.744 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW014747.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_W
ClientSampleId :
JC-03-012320-B

Tot Ion: 75 Resp: 157388
Ion Ratio Lower Upper
75 100
53 0.2 77.0 115.4#
89 0.0 35.2 52.8#



#95
Naphthalene
Concen: 1.610 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW014747.D
Acq: 24 Jan 2020 16:33

Tgt Ion: 128 Resp: 6240
Ion Ratio Lower Upper
128 100
127 14.1 10.6 15.8
129 18.3 8.8 13.2#

