

Data File : VW013976.D
Acq On : 12 Nov 2019 15:38
Operator : SY/VA
Sample : K5791-01
Misc : 4.99G/5.0ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FINES-NORTH-BERGEN

Quant Time: Nov 13 06:42:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration

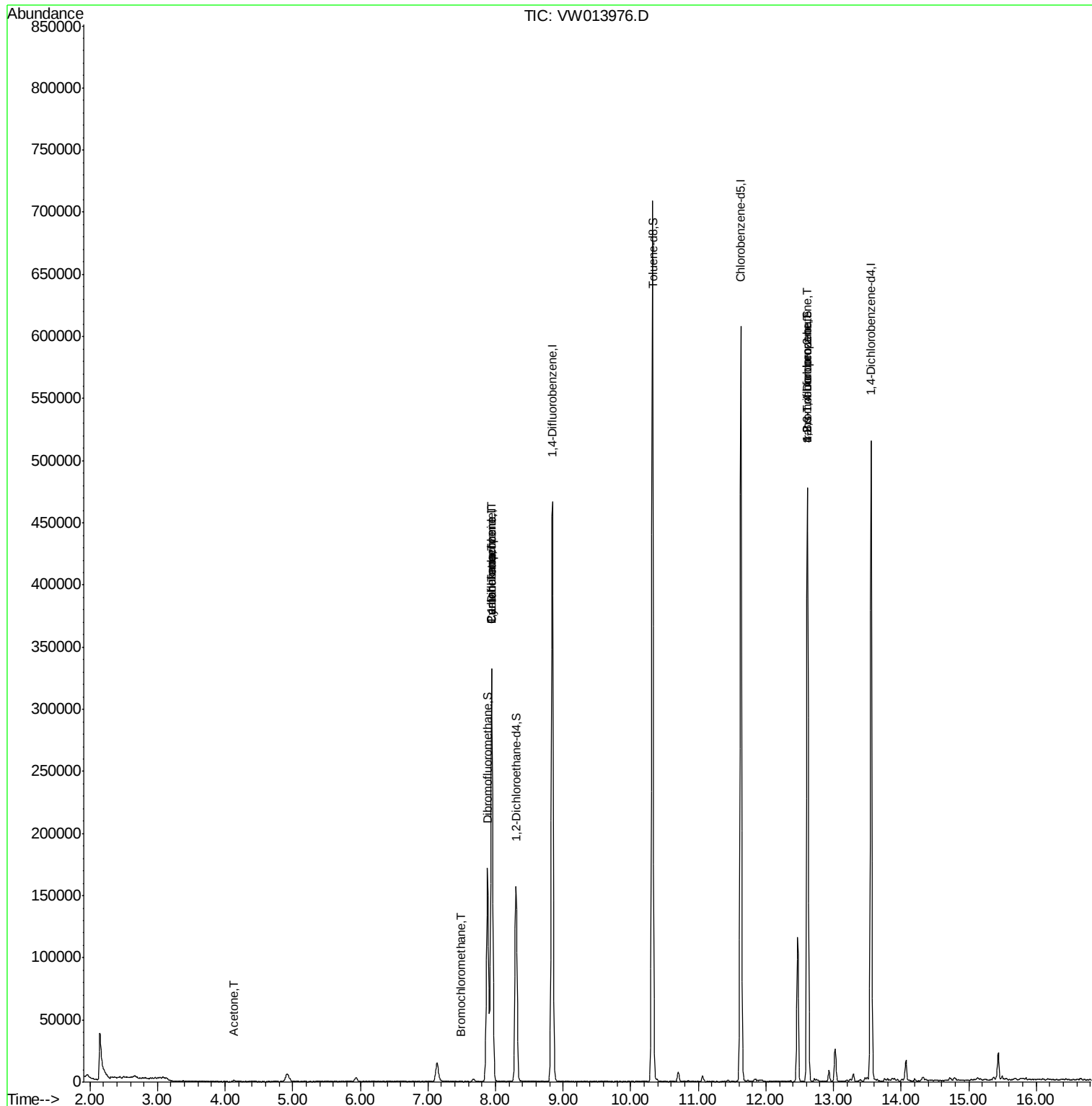
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	419394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125943	61.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.14%	
35) Dibromofluoromethane	7.88	113	123085	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
50) Toluene-d8	10.32	98	478733	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.62	95	154887	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	2539	5.806	ug/l #	86
20) Methylene Chloride	4.93	84	5688	Below Cal	#	82
28) Bromochloromethane	7.49	49	28	1.358	ug/l #	7
31) Cyclohexane	7.95	56	4604	1.004	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17529	4.488	ug/l #	48
38) Carbon Tetrachloride	7.95	117	23424	6.660	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	73062	67.787	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73062	128.108	ug/l #	14

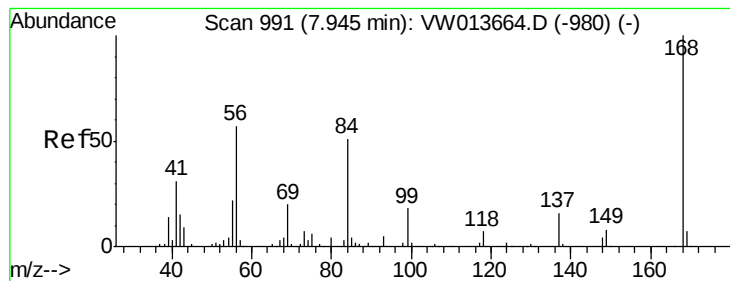
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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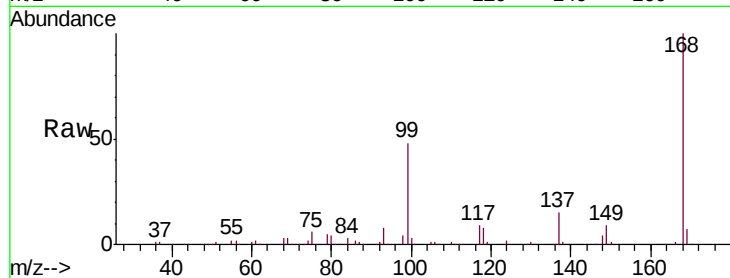
FINES-NORTH-BERGEN

Tgt Ion: 168 Resp: 274929

Ion Ratio Lower Upper

168 100

99 48.3 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

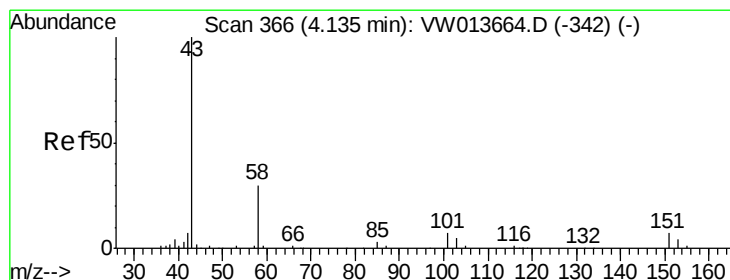
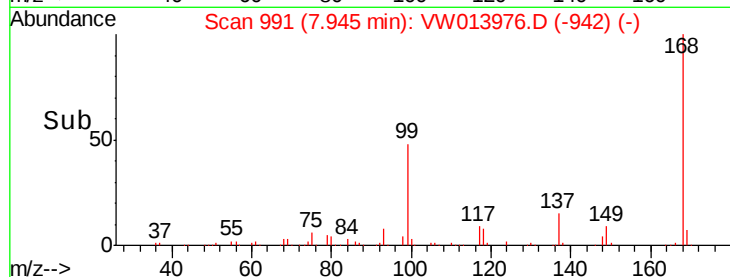
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 5.806 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW013976.D

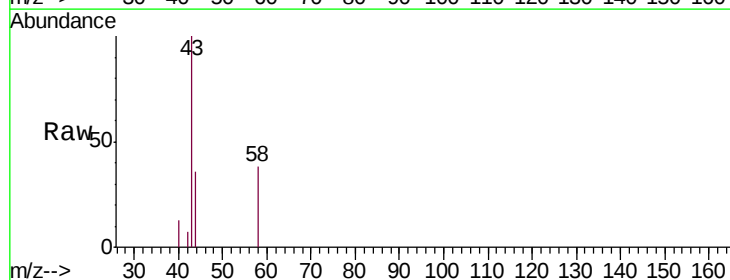
Acq: 12 Nov 2019 15:38

Tgt Ion: 43 Resp: 2539

Ion Ratio Lower Upper

43 100

58 37.8 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1000

800

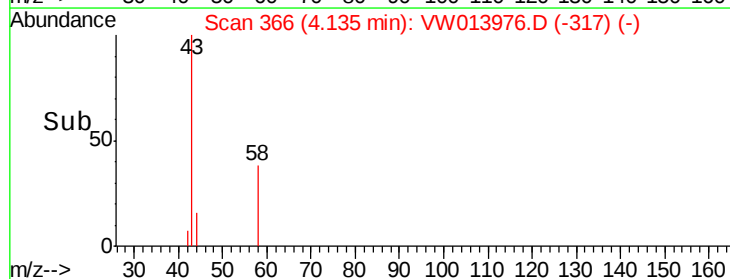
600

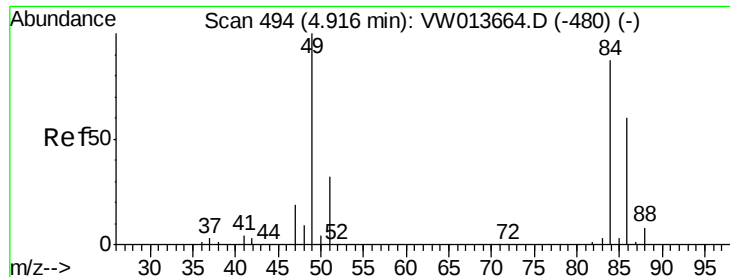
400

200

0

Time--> 4.05 4.10 4.15 4.20

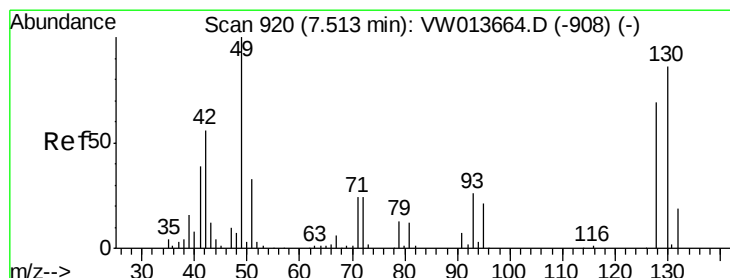
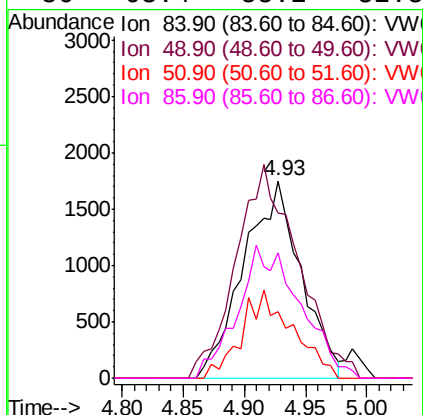
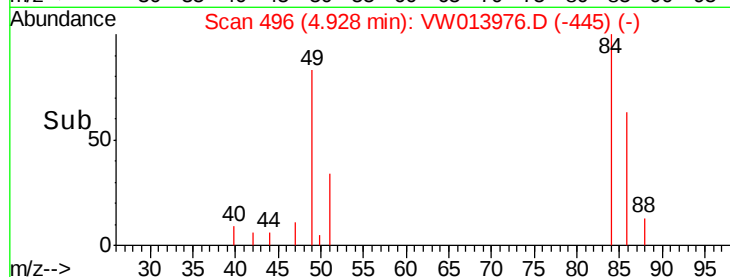
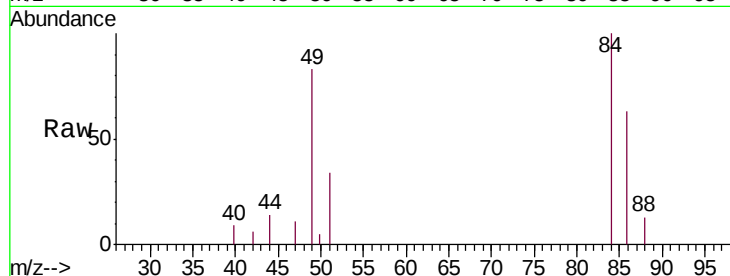




#20
Methylene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW013976.D
Acq: 12 Nov 2019 15:38

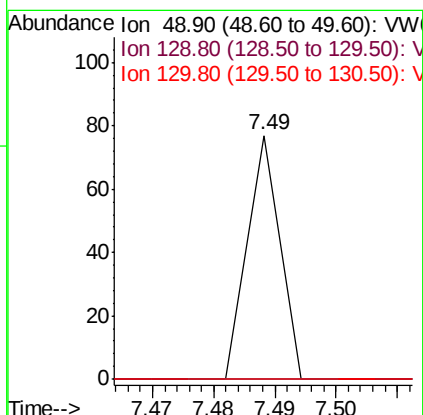
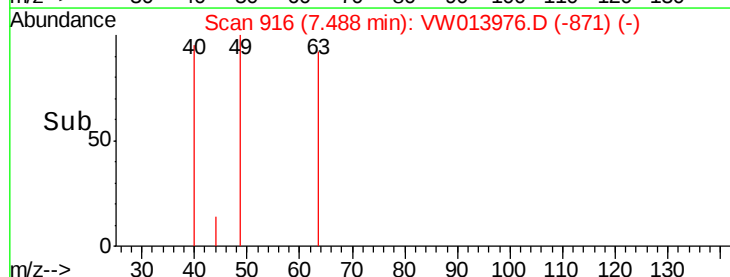
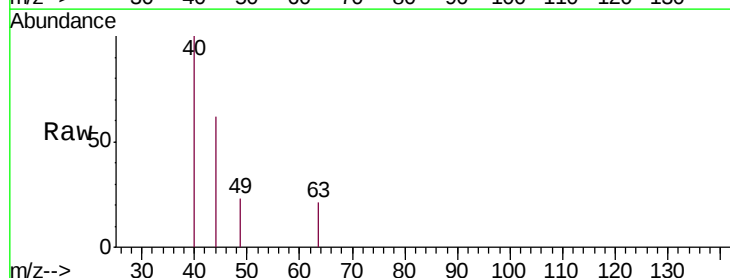
Instrument :
MSVOA_W
ClientSampleId :
FINES-NORTH-BERGEN

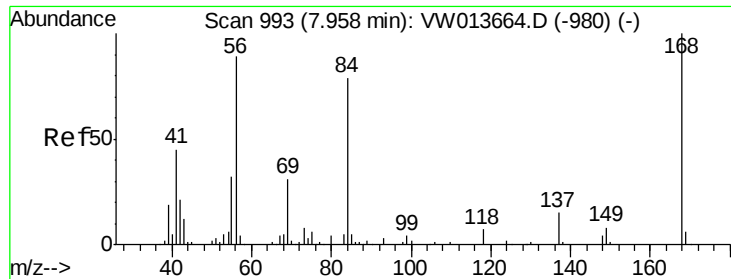
Tgt Ion: 84 Resp: 5688
Ion Ratio Lower Upper
84 100
49 83.4 91.8 137.6#
51 34.0 29.8 44.6
86 63.4 55.2 82.8



#28
Bromochloromethane
Concen: 1.358 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.02 min
Lab File: VW013976.D
Acq: 12 Nov 2019 15:38

Tgt Ion: 49 Resp: 28
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.6
130 0.0 67.5 101.3#

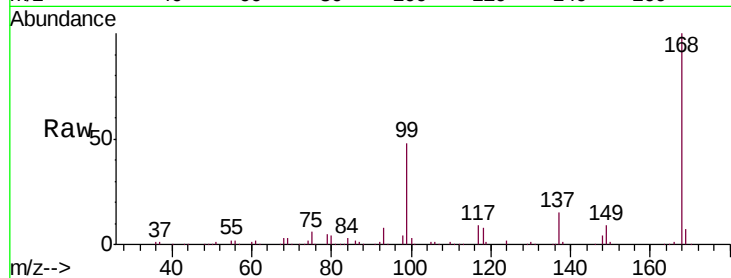




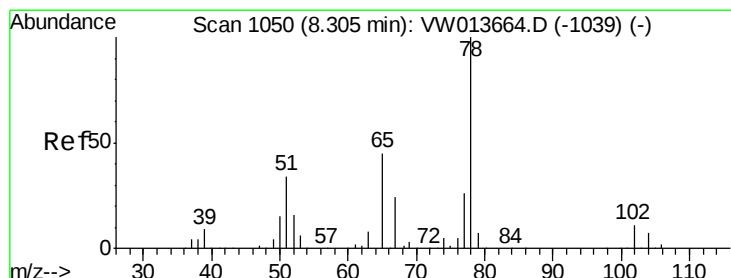
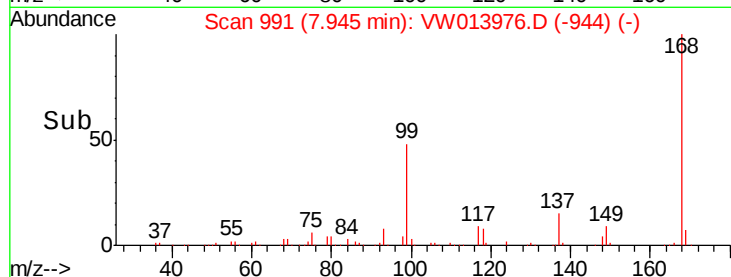
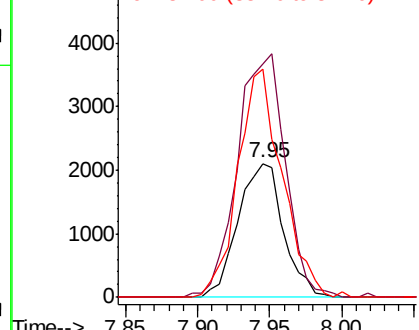
#31
Cyclohexane
Concen: 1.004 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW013976.D
Acq: 12 Nov 2019 15:38

Instrument :
MSVOA_W
ClientSampleId :
FINES-NORTH-BERGEN

Tgt Ion: 56 Resp: 4604
Ion Ratio Lower Upper
56 100
69 174.1 27.5 41.3#
84 170.4 70.8 106.2#

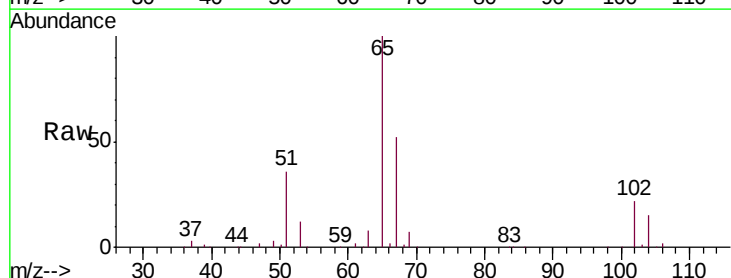


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

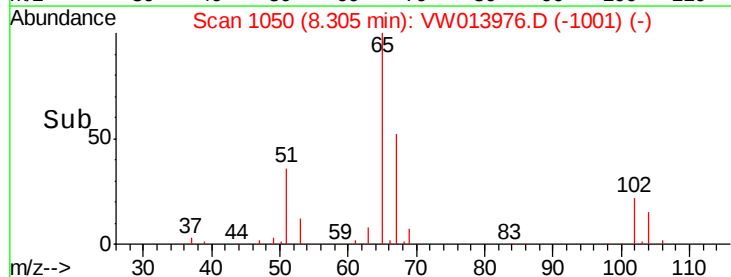
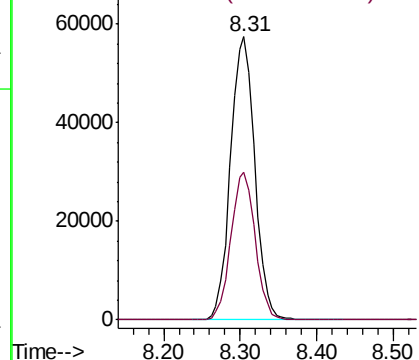


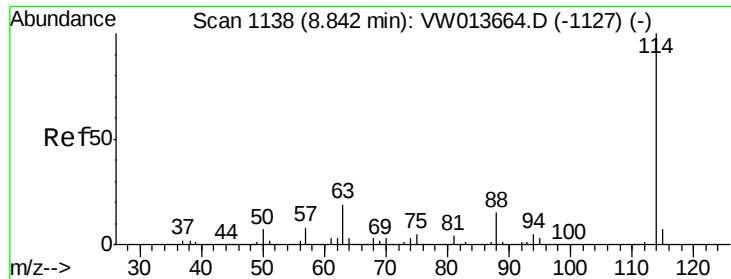
#33
1,2-Dichloroethane-d4
Concen: 61.066 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013976.D
Acq: 12 Nov 2019 15:38

Tgt Ion: 65 Resp: 125943
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

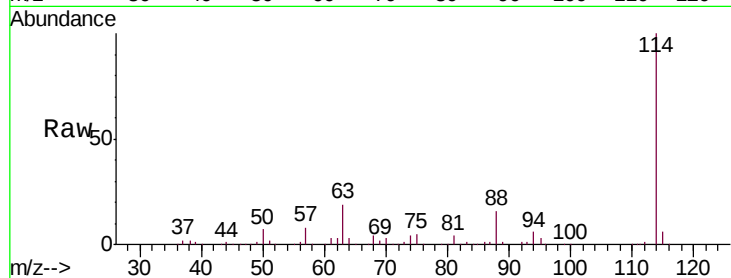




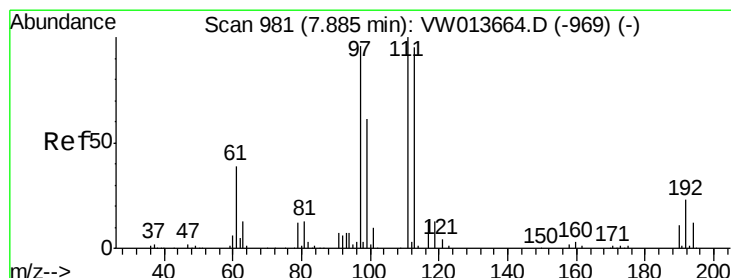
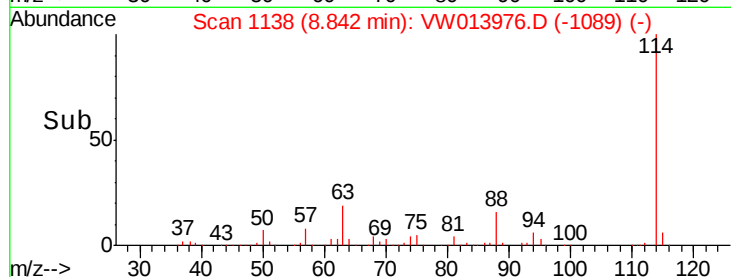
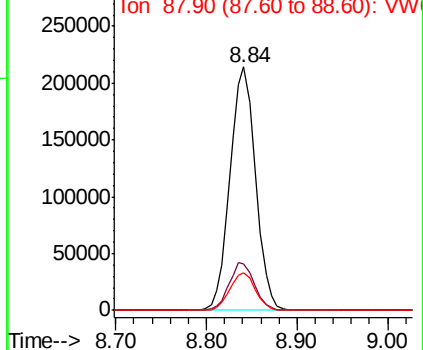
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013976.D
Acq: 12 Nov 2019 15:38

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Tgt Ion:114 Resp: 419394
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.6
88 15.6 0.0 30.2

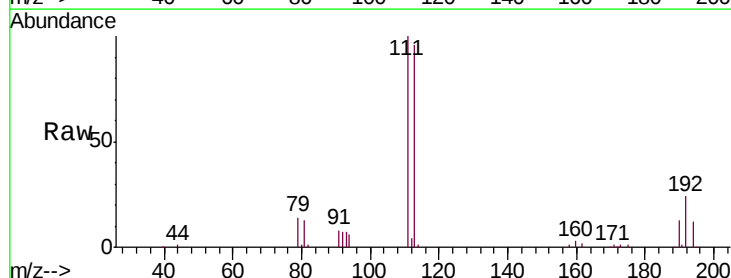


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

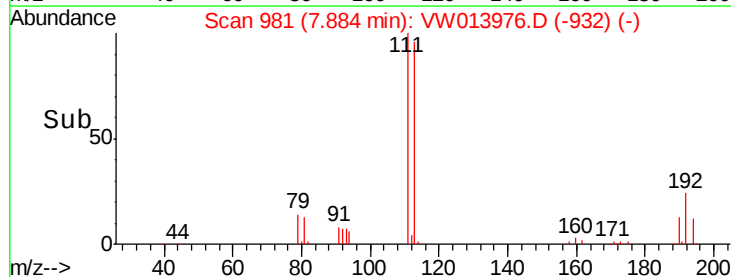
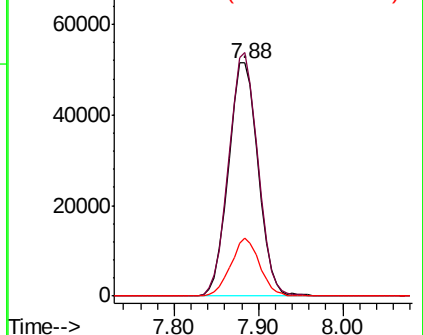


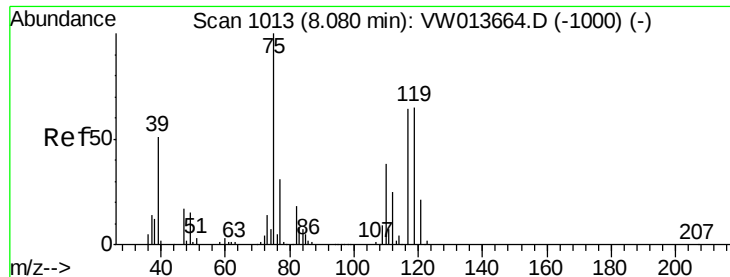
#35
Dibromofluoromethane
Concen: 52.817 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW013976.D
Acq: 12 Nov 2019 15:38

Tgt Ion:113 Resp: 123085
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.6
192 23.9 19.4 29.2



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: 4.488 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013976.D

Acq: 12 Nov 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

FINES-NORTH-BERGEN

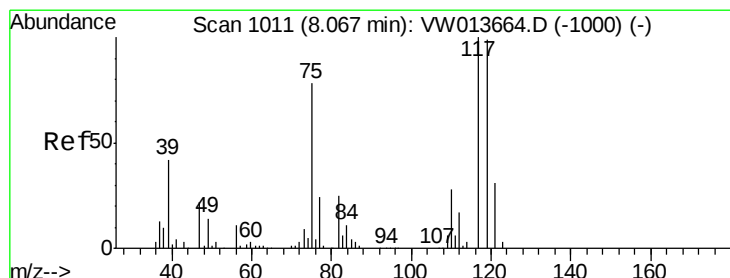
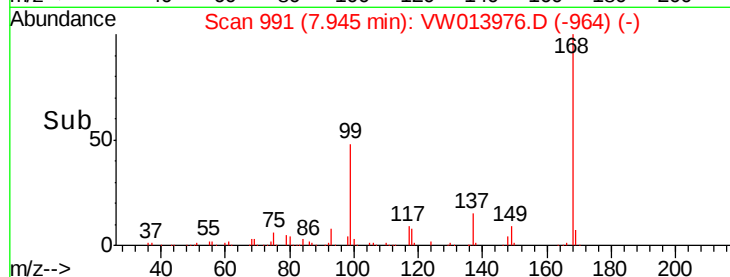
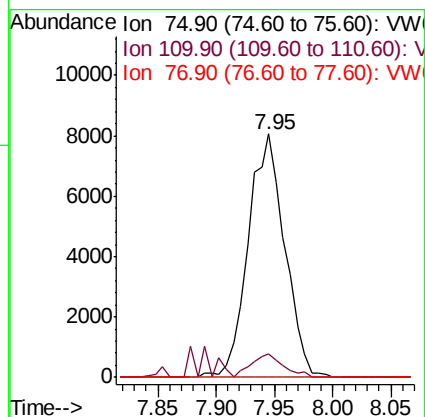
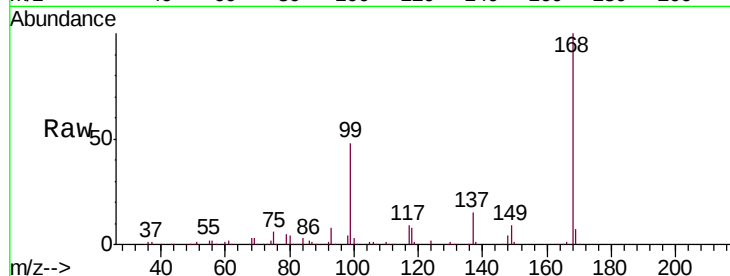
Tgt Ion: 75 Resp: 17529

Ion Ratio Lower Upper

75 100

110 8.5 18.7 56.1#

77 0.0 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 6.660 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013976.D

Acq: 12 Nov 2019 15:38

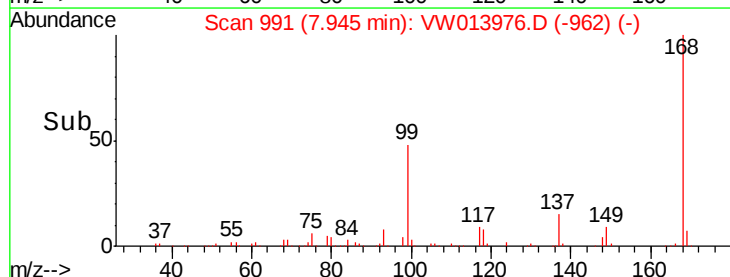
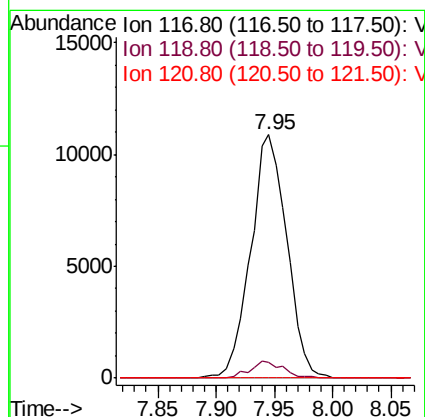
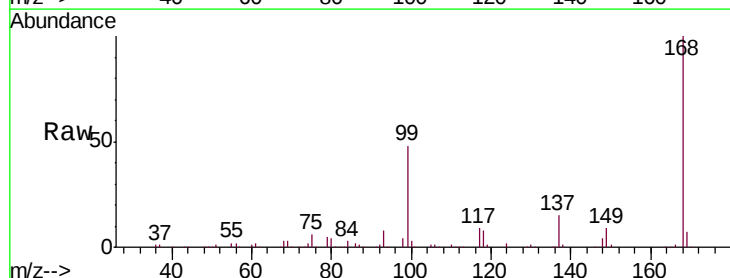
Tgt Ion: 117 Resp: 23424

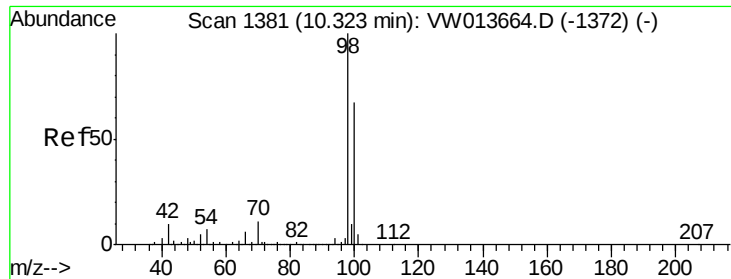
Ion Ratio Lower Upper

117 100

119 6.5 79.0 118.4#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 50.416 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

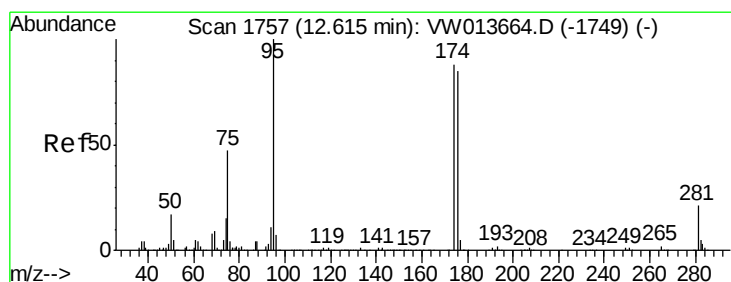
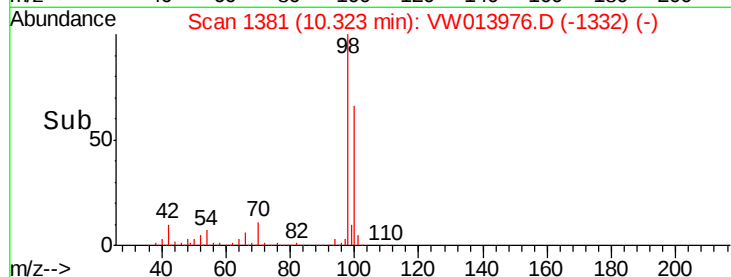
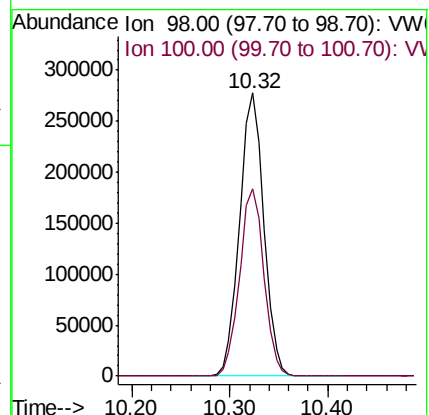
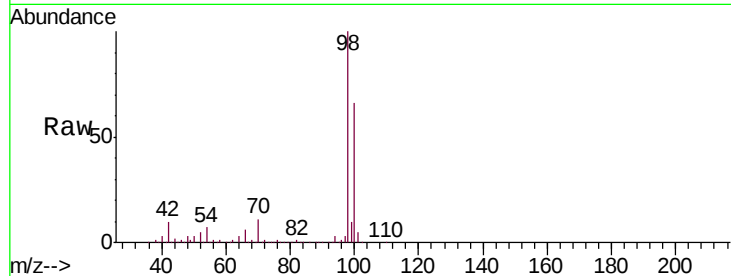
FINES-NORTH-BERGEN

Tgt Ion: 98 Resp: 478733

Ion Ratio Lower Upper

98 100

100 66.4 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 48.172 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013976.D

Acq: 12 Nov 2019 15:38

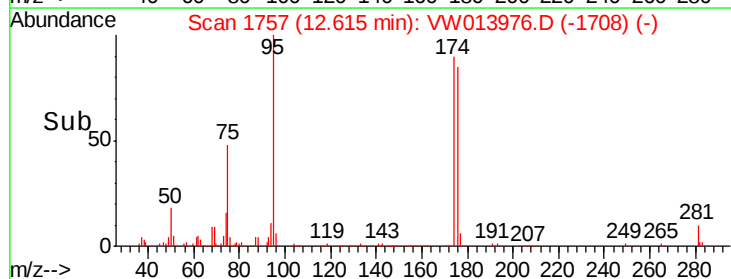
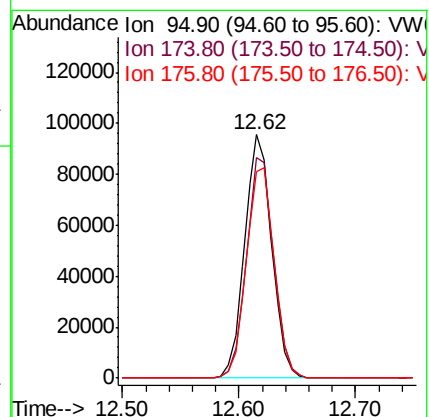
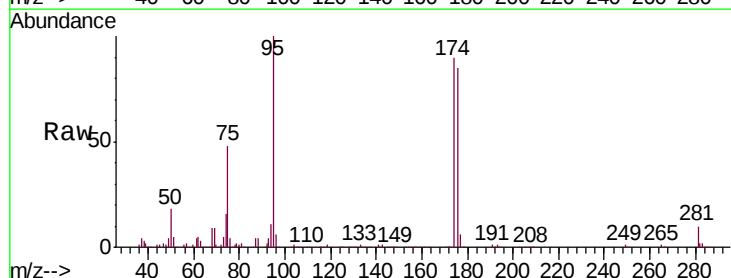
Tgt Ion: 95 Resp: 154887

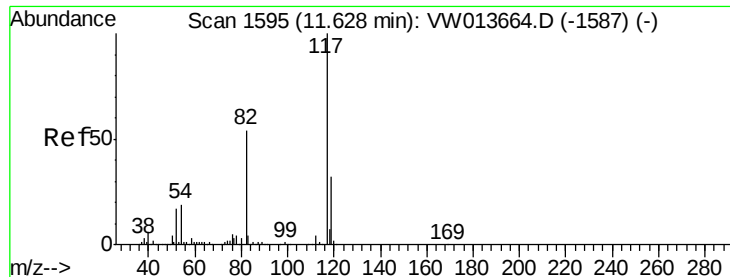
Ion Ratio Lower Upper

95 100

174 91.6 0.0 183.6

176 89.2 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013976.D

Acq: 12 Nov 2019 15:38

Instrument :

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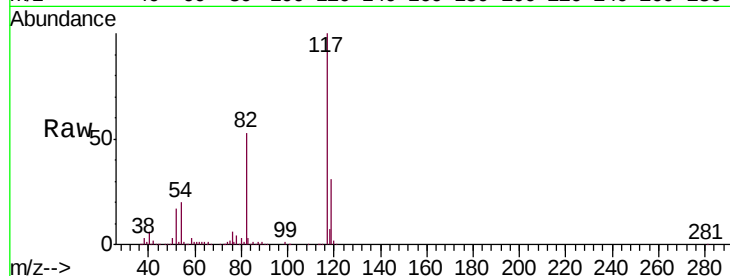
Tgt Ion:117 Resp: 360161

Ion Ratio Lower Upper

117 100

82 52.7 43.6 65.4

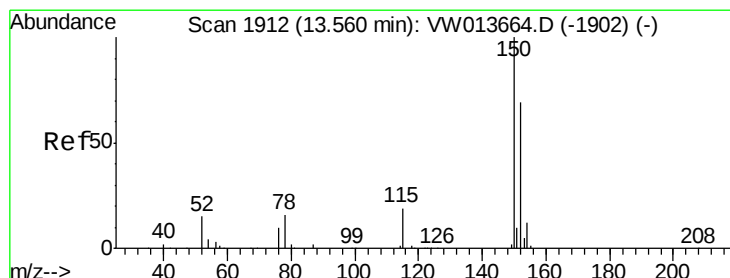
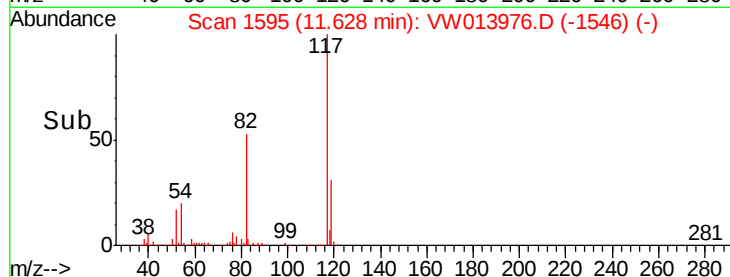
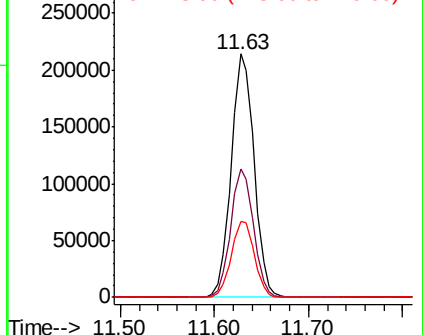
119 31.3 25.4 38.2



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: VW013976.D

Acq: 12 Nov 2019 15:38

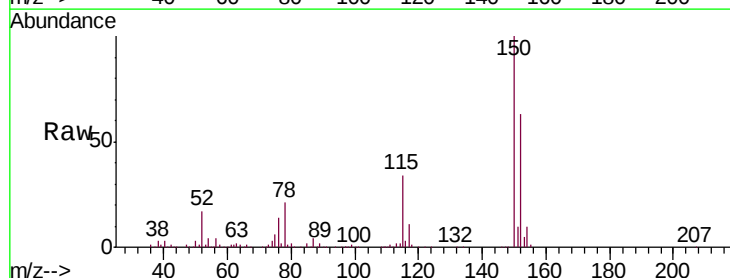
Tgt Ion:152 Resp: 150085

Ion Ratio Lower Upper

152 100

115 54.7 27.4 82.2

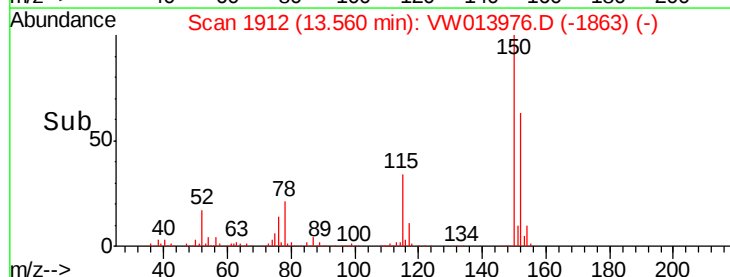
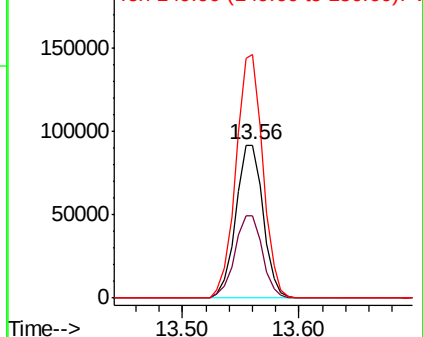
150 157.3 0.0 345.4

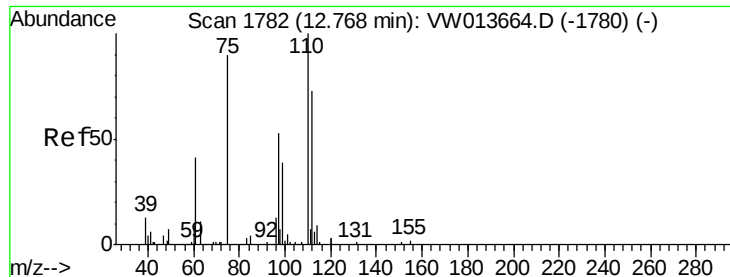


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 67.787 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013976.D

Acq: 12 Nov 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

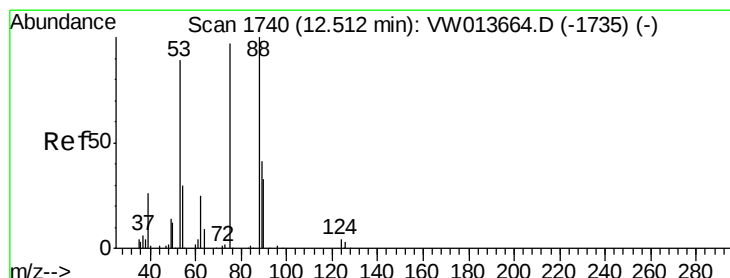
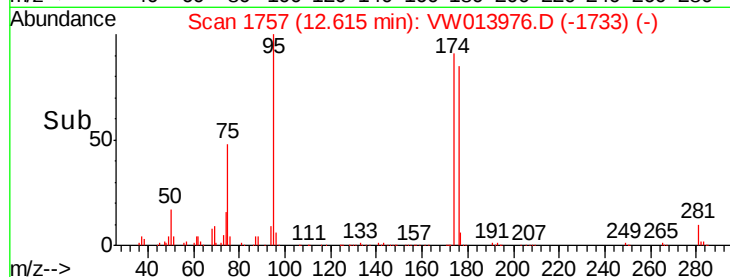
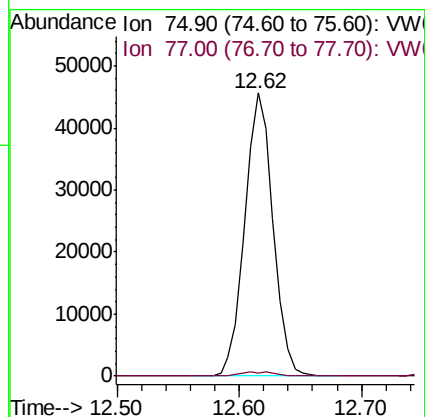
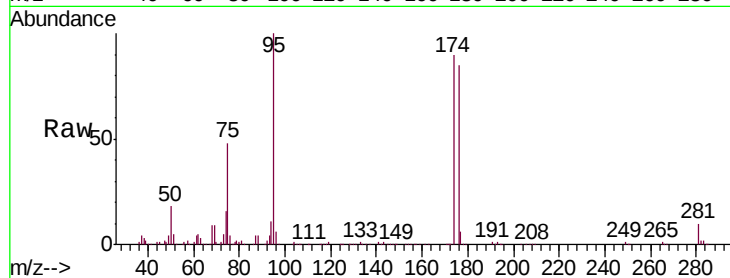
FINES-NORTH-BERGEN

Tgt Ion: 75 Resp: 73062

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 128.108 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013976.D

Acq: 12 Nov 2019 15:38

Tgt Ion: 75 Resp: 73062

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#

