

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121118\
 Data File : VL032973.D
 Acq On : 12 Dec 2018 3:10
 Operator : SY/AP
 Sample : J6338-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Quant Time: Dec 12 04:26:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1318167	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3158538	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3144140	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2457154	10.58	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.80%

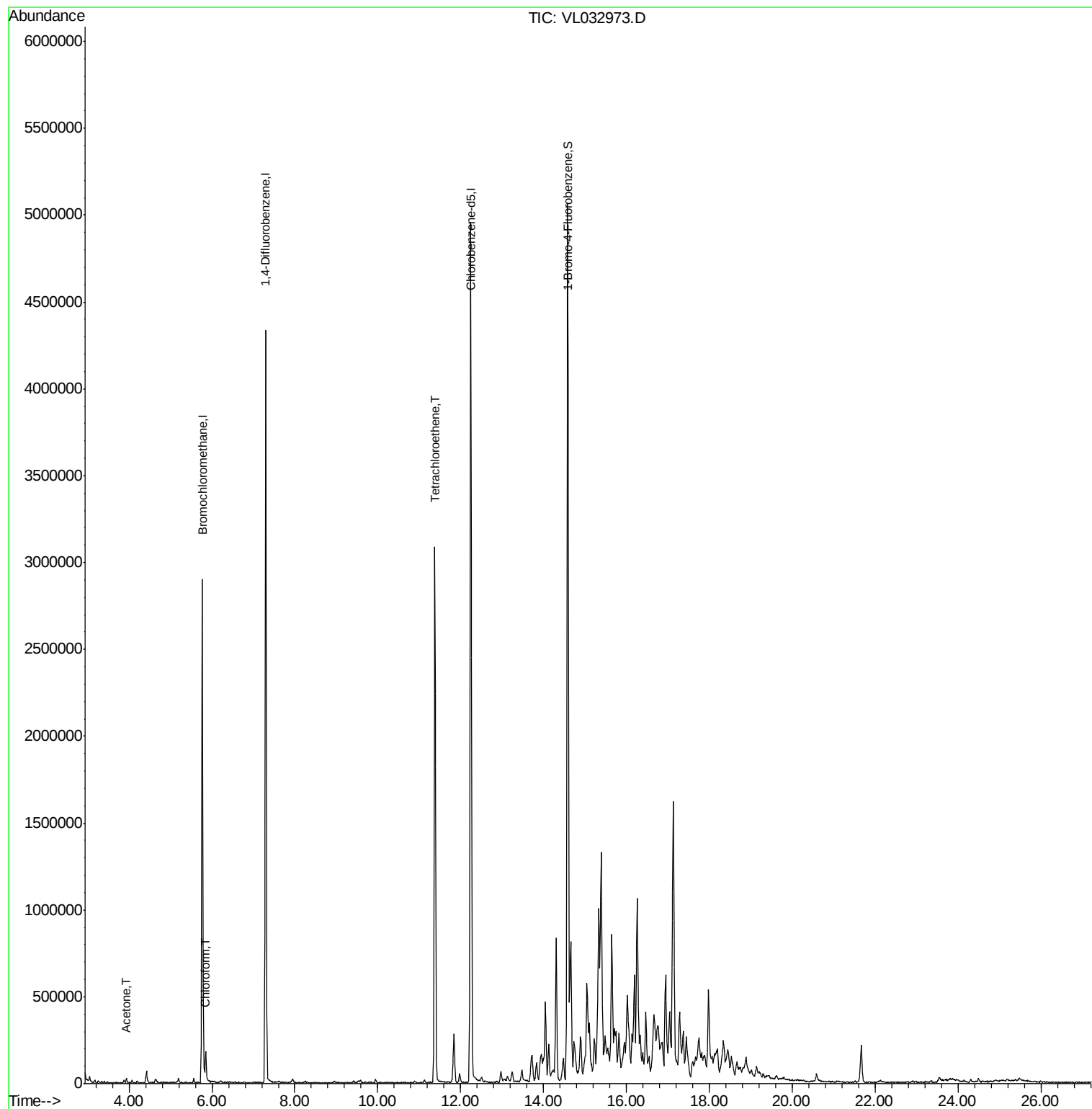
Target Compounds					Ovalue
15) Acetone	3.93	43	27699	0.245 ppbv	93
29) Chloroform	5.85	83	108215	0.491 ppbv	98
52) Tetrachloroethene	11.38	164	730001	8.638 ppbv	99

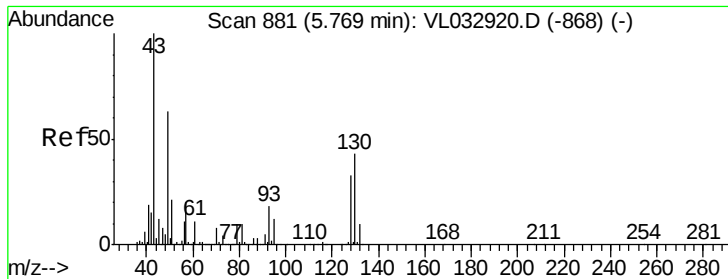
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

Lab File: VL032973.D

Acq: 12 Dec 2018 3:10

Instrument :

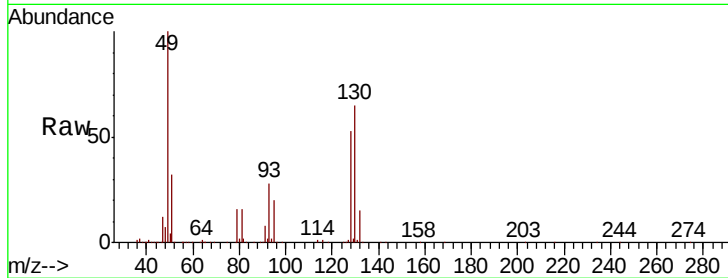
MSVOA_L

ClientSampleId :

SV1DL

Tot Ion: 49 Resp: 1318167

Ion	Ratio	Lower	Upper
49	100		
128	52.2	26.3	78.8
130	67.2	33.9	101.7

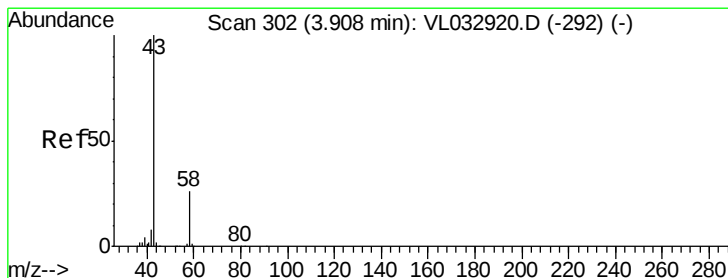
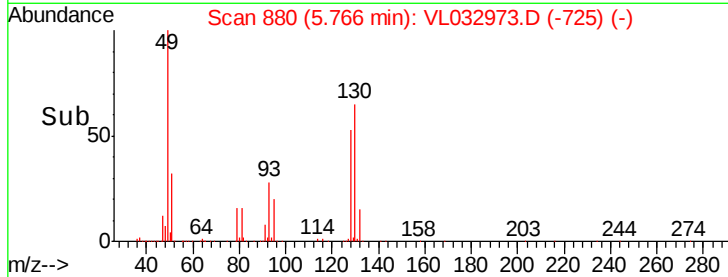


Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->



#15

Acetone

Concen: 0.245 ppbv

RT: 3.93 min Scan# 309

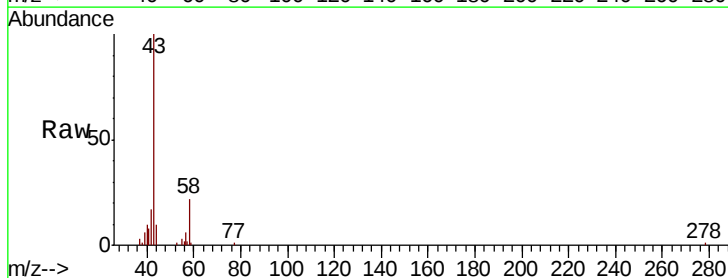
Delta R.T. 0.02 min

Lab File: VL032973.D

Acq: 12 Dec 2018 3:10

Tgt Ion: 43 Resp: 27699

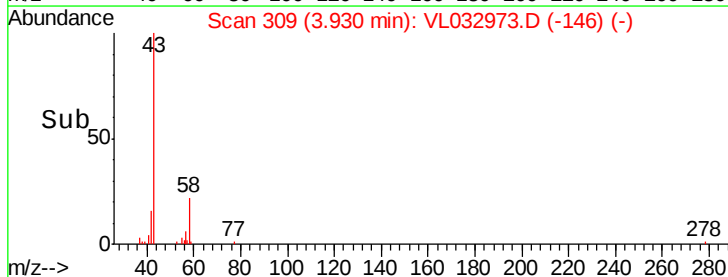
Ion	Ratio	Lower	Upper
43	100		
58	29.1	20.6	30.8

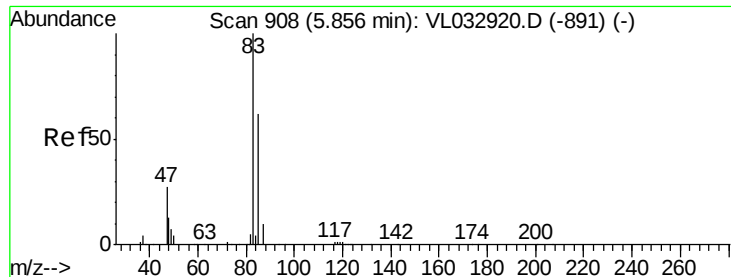


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Time-->





#29

Chloroform

Concen: 0.491 ppbv

RT: 5.85 min Scan# 906

Delta R.T. -0.01 min

Lab File: VL032973.D

Acq: 12 Dec 2018 3:10

Instrument :

MSVOA_L

ClientSampleId :

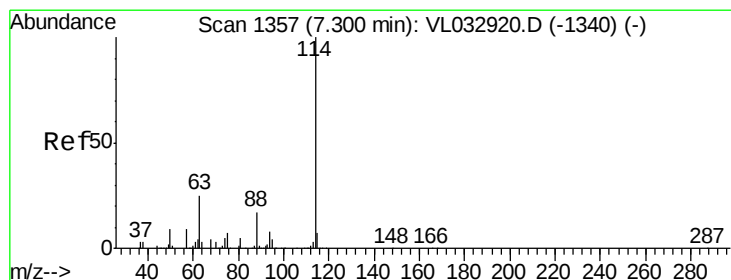
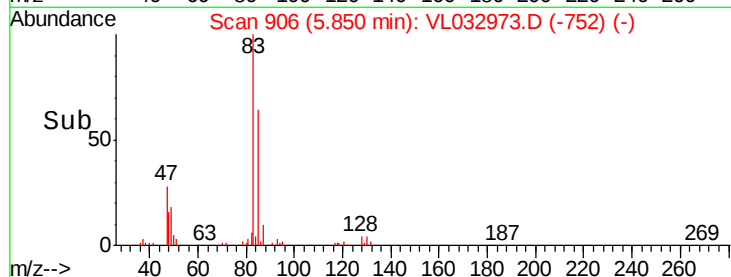
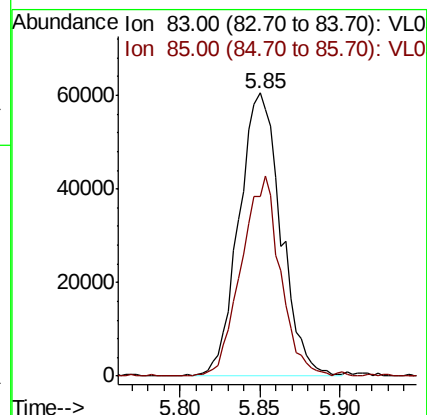
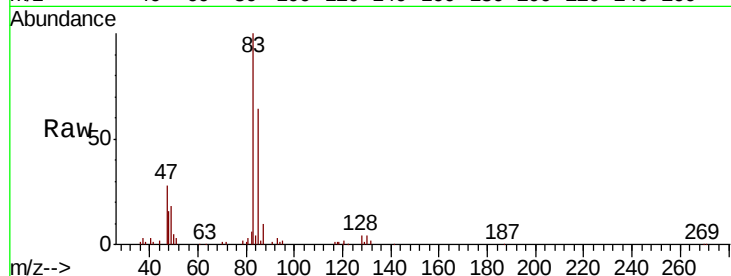
SV1DL

Tot Ion: 83 Resp: 108215

Ion Ratio Lower Upper

83 100

85 63.5 49.8 74.8



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.30 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VL032973.D

Acq: 12 Dec 2018 3:10

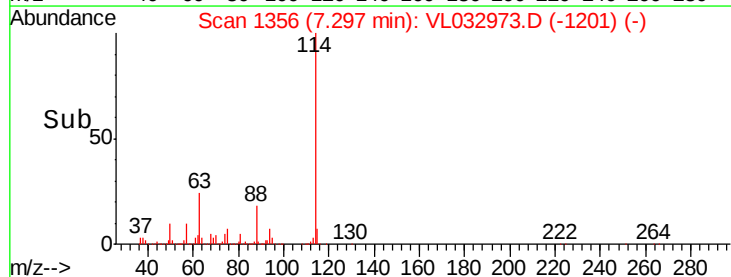
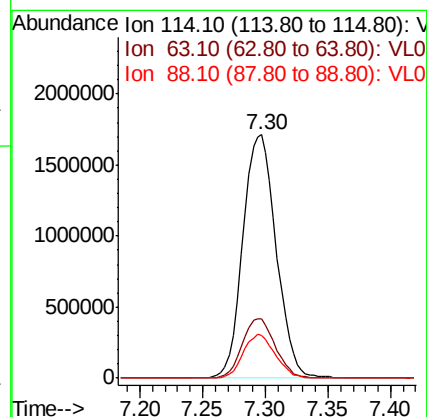
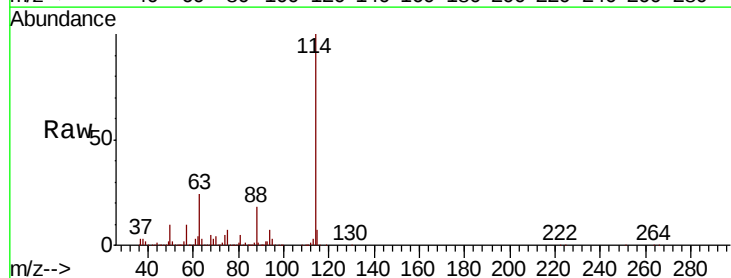
Tgt Ion: 114 Resp: 3158538

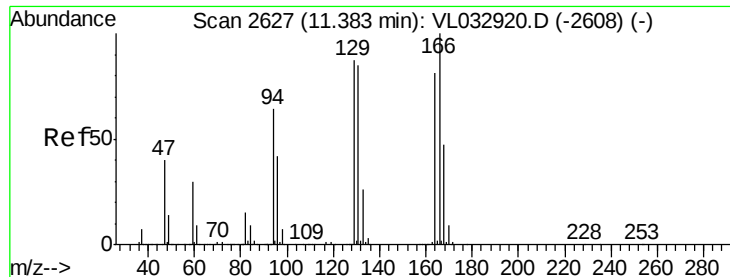
Ion Ratio Lower Upper

114 100

63 24.3 20.1 30.1

88 17.5 14.2 21.4





#52

Tetrachloroethene

Concen: 8.638 ppbv

RT: 11.38 min Scan# 2626

Delta R.T. -0.00 min

Lab File: VL032973.D

Acq: 12 Dec 2018 3:10

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tot Ion:164 Resp: 730001

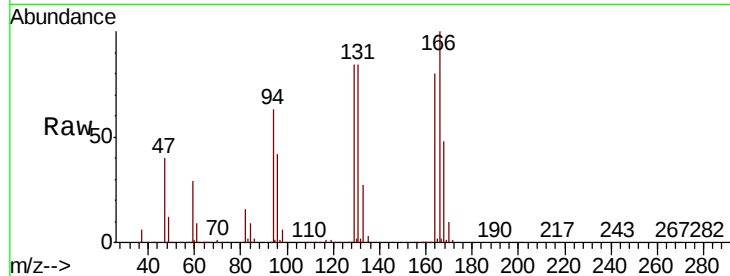
Ion Ratio Lower Upper

164 100

166 124.2 98.8 148.2

129 104.3 85.5 128.3

131 104.6 84.4 126.6

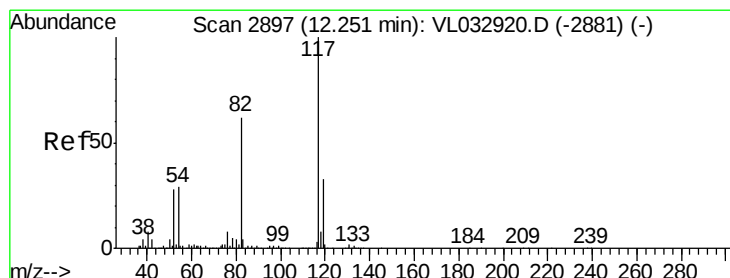
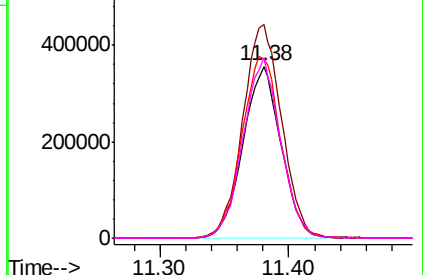
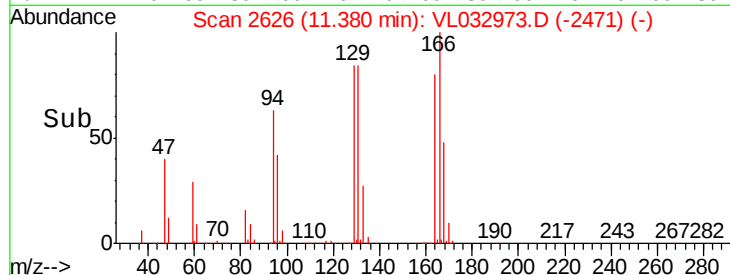


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2895

Delta R.T. -0.01 min

Lab File: VL032973.D

Acq: 12 Dec 2018 3:10

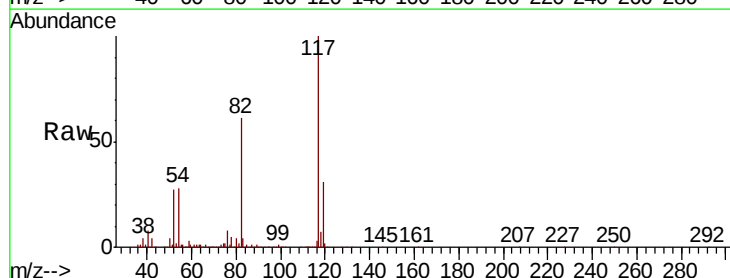
Tgt Ion:117 Resp: 3144140

Ion Ratio Lower Upper

117 100

82 63.9 47.8 71.8

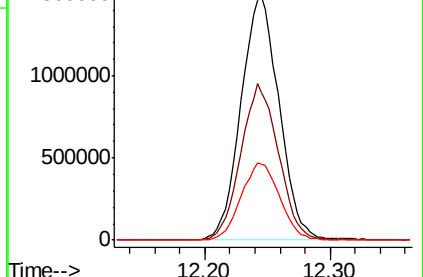
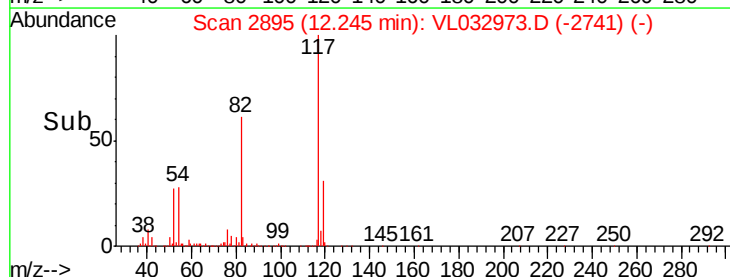
119 32.3 43.1 64.7#

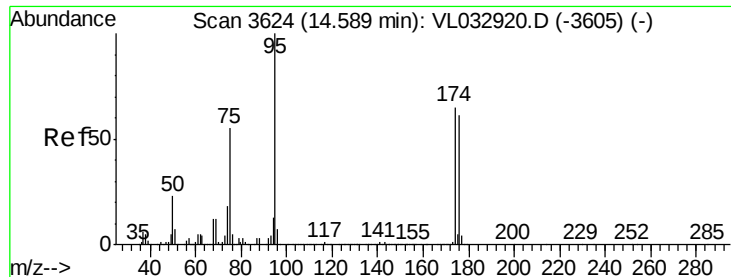


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.578 ppbv

RT: 14.58 min Scan# 3621

Delta R.T. -0.01 min

Lab File: VL032973.D

Acq: 12 Dec 2018 3:10

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

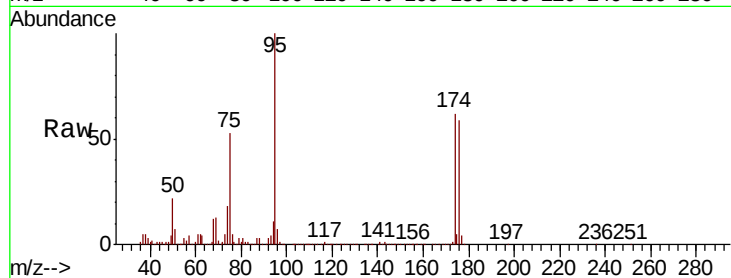
Tot Ion: 95 Resp: 2457154

Ion Ratio Lower Upper

95 100

174 65.2 51.4 77.0

175 4.7 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

