

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111921\
 Data File : VL038089.D
 Acq On : 19 Nov 2021 17:33
 Operator : SY/AP
 Sample : M4751-01DL2 200X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-1DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Quant Time: Nov 25 20:32:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	783260	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2247438	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	1823424	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1394724	10.60	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
31) cis-1,2-Dichloroethene	5.53	61	33117m	0.320	ppbv	
38) Trichloroethene	7.81	130	37282	0.441	ppbv	90
52) Tetrachloroethene	11.19	164	908021	10.946	ppbv	98

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

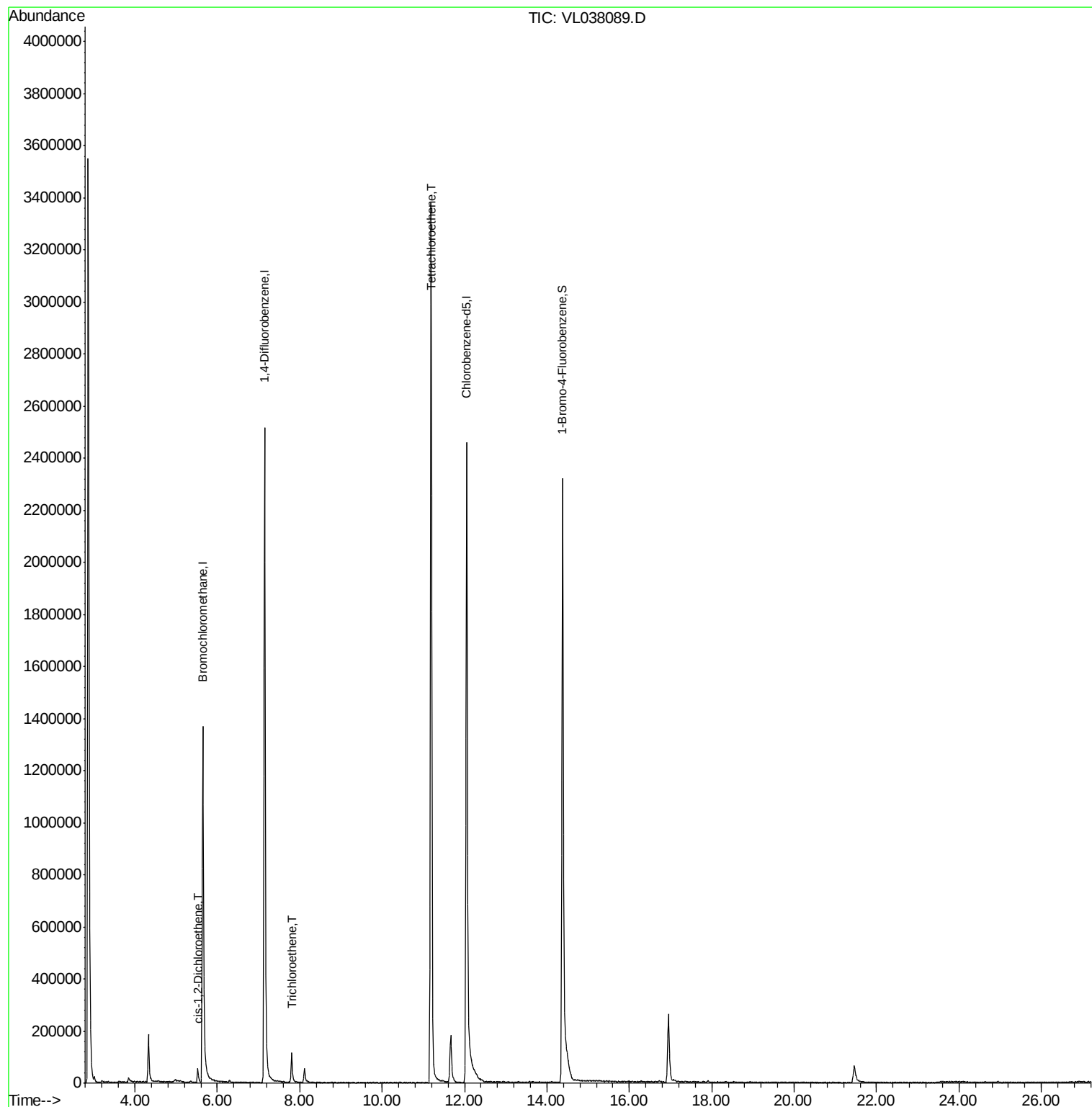
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111921\
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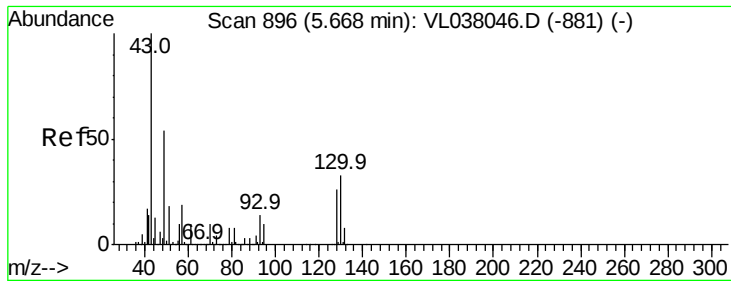
Instrument :
MSVOA_L
ClientSampleId :
SVP-1DL2

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 19 Nov 2021 17:33 SVP-1DL2

Tot Ion:

Ion Ratio

49 100

128 49.

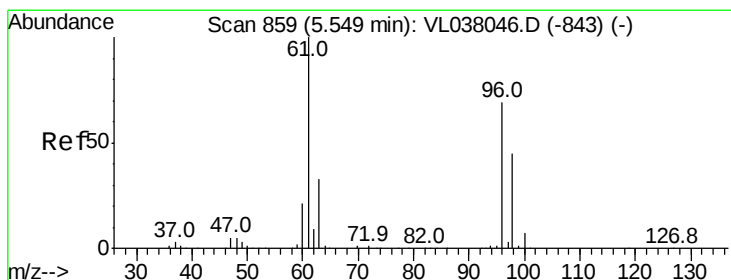
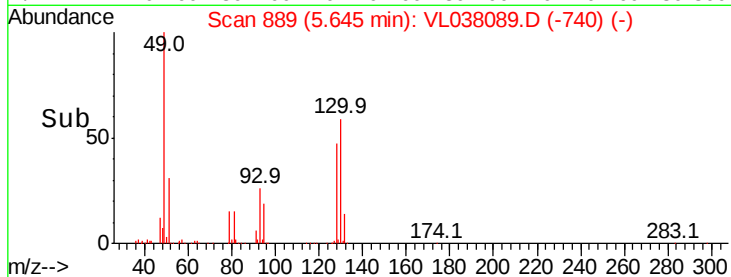
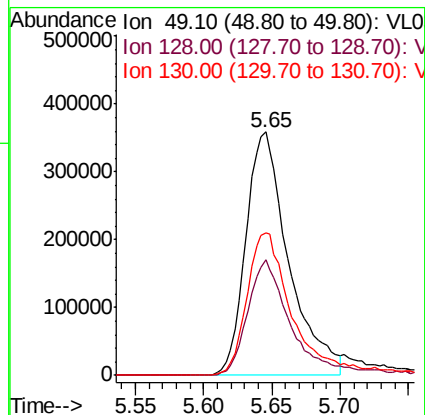
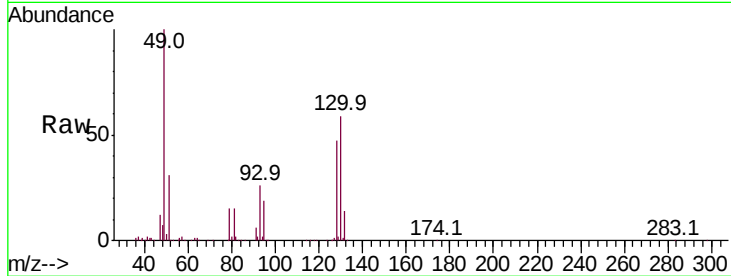
130 65.

Manual Integrations

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#31

cis-1,2-Dichloroethene

Concen: 0.320 ppbv m

RT: 5.53 min Scan# 852

Delta R.T. -0.02 min

Lab File: VL038089.D

Acq: 19 Nov 2021 17:33

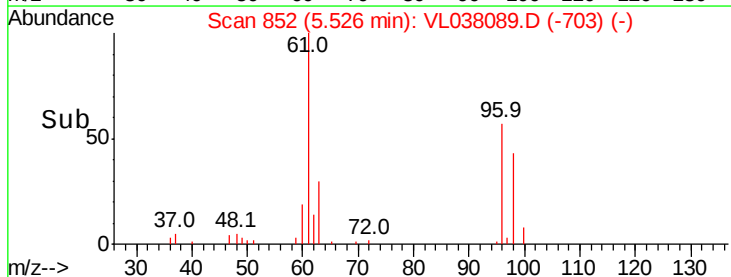
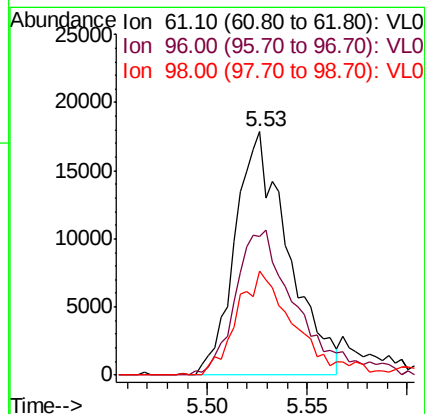
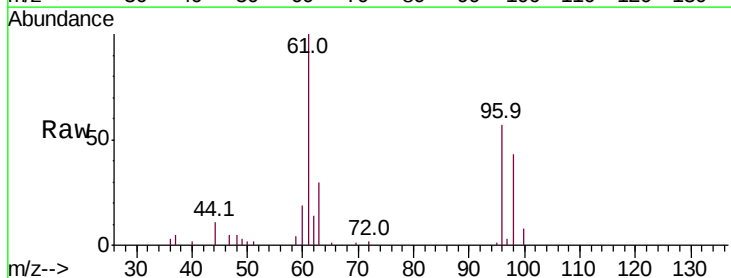
Tgt Ion: 61 Resp: 33117

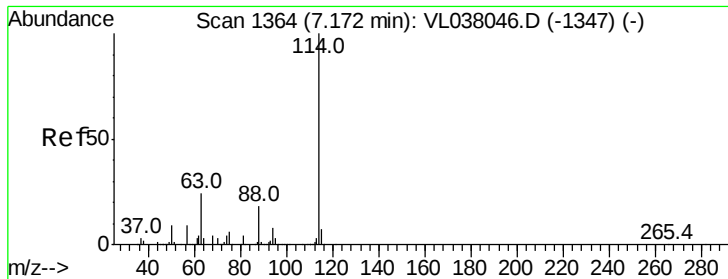
Ion Ratio Lower Upper

61 100

96 57.1 55.4 83.2

98 42.7 35.7 53.5



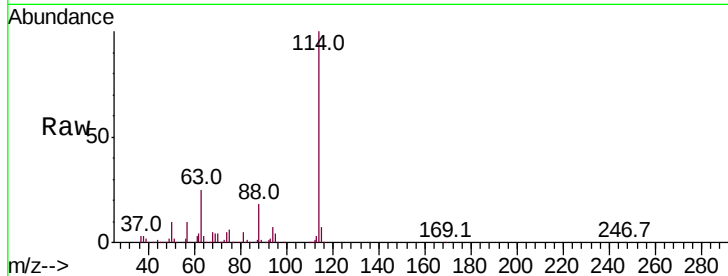


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SVP-1DL2
 Acq: 19 Nov 2021 17:33

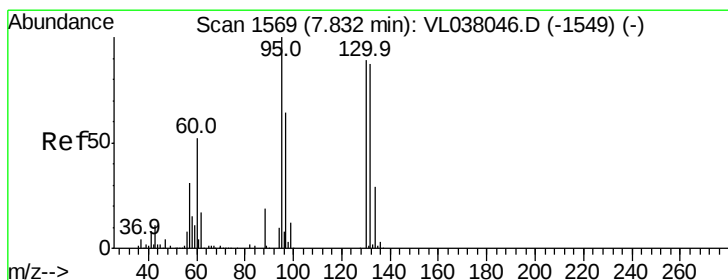
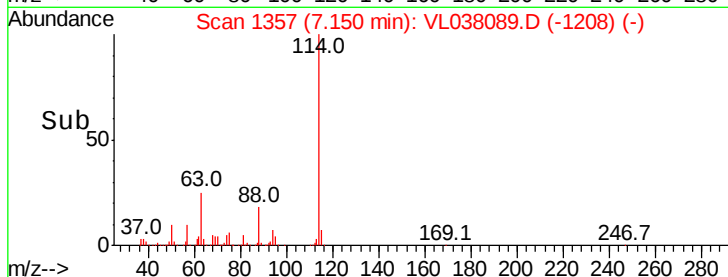
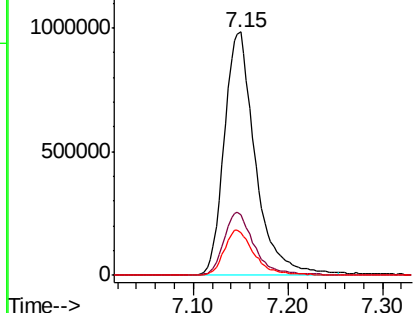
Tot Ion:1
 Ion Rati
 114 100
 63 25.
 88 18.

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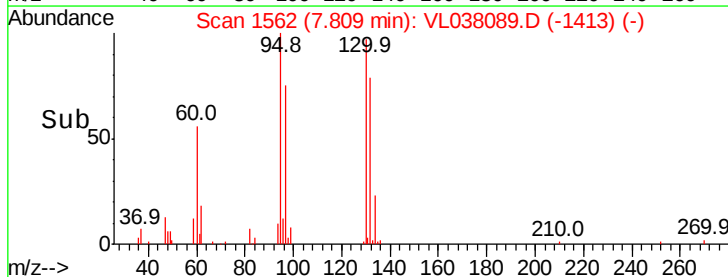
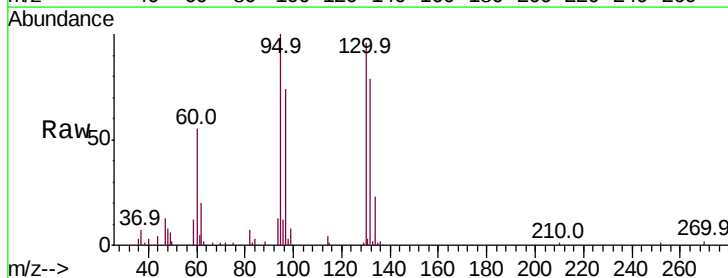
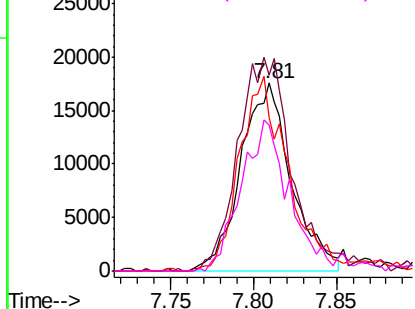
Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

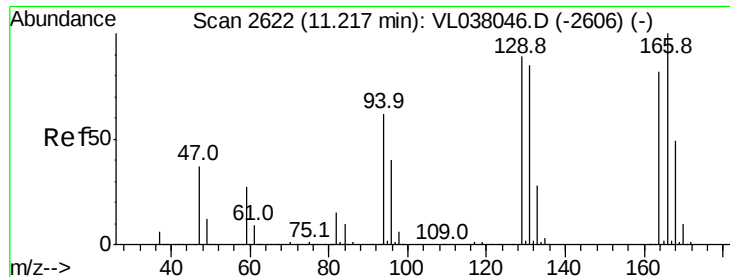


#38
 Trichloroethene
 Concen: 0.441 ppbv
 RT: 7.81 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: VL038089.D
 Acq: 19 Nov 2021 17:33

Tgt Ion:130 Resp: 37282
 Ion Ratio Lower Upper
 130 100
 95 104.5 89.4 134.2
 132 82.1 78.2 117.2
 97 77.5 57.0 85.4

Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): VL0





#52

Tetrachloroethene

Concen: 10.946 ppbv

RT: 11.19

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 17:33

Tot Ion:1

Ion Rati

164 100

166 122.

129 111.

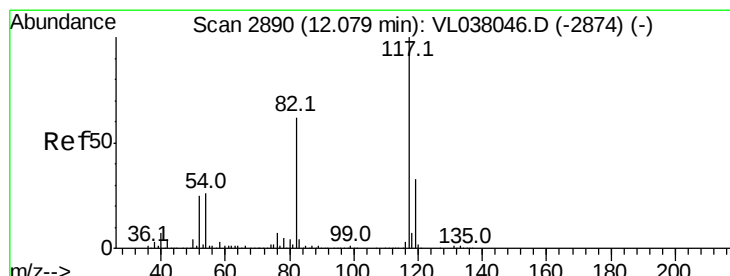
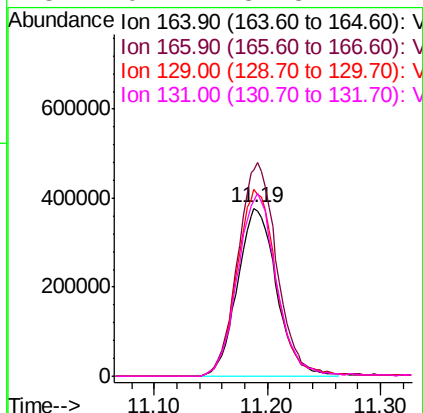
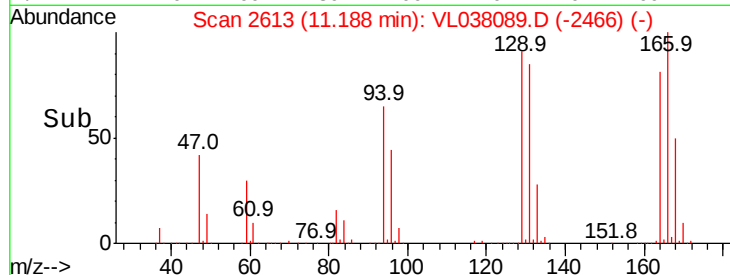
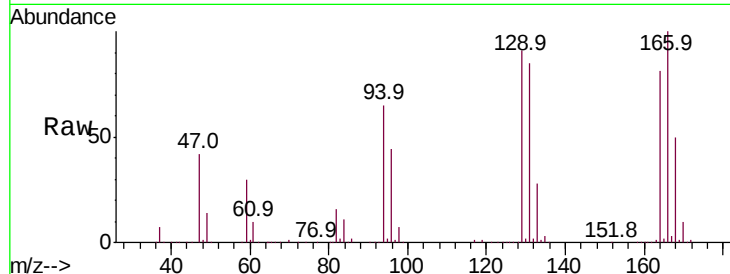
131 104.4 82.8 124.2

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.05 min Scan# 2882

Delta R.T. -0.03 min

Lab File: VL038089.D

Acq: 19 Nov 2021 17:33

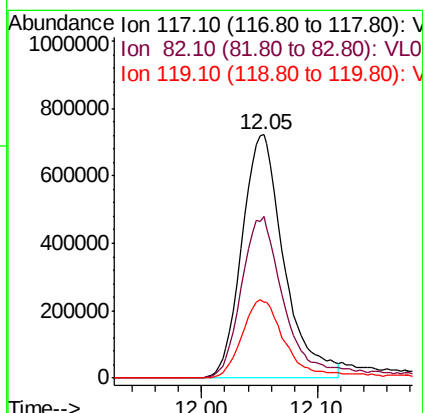
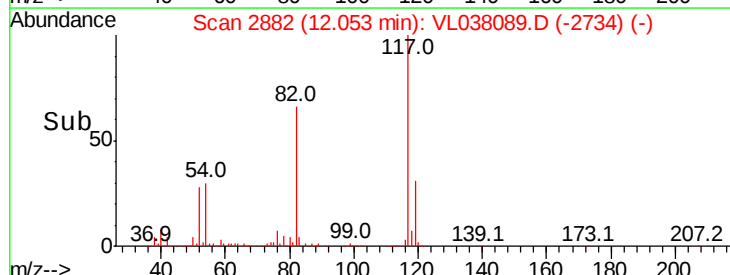
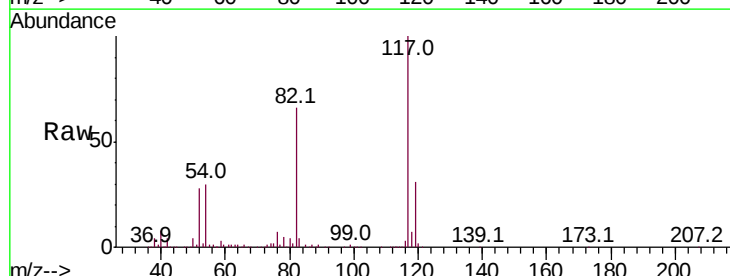
Tgt Ion:117 Resp: 1823424

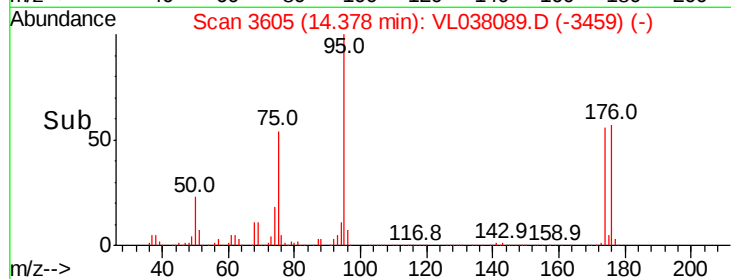
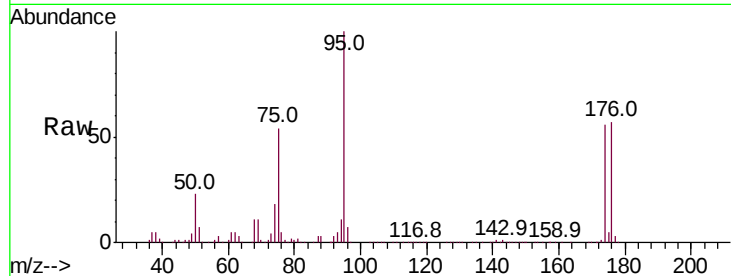
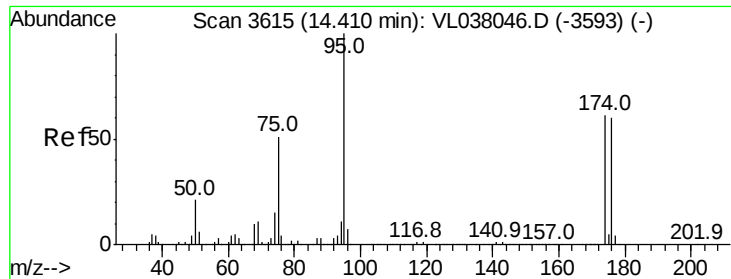
Ion Ratio Lower Upper

117 100

82 74.3 52.8 79.2

119 36.4 26.8 40.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.604 ppbv

RT: 14.38 Instrument:

Delta R.T MSVOA_L

Lab File: ClientSampleId:

SVP-1DL2

Acq: 19 Nov 2021 17:35

Tot Ion:

Ion Ratio

95 100

174 64.

175 4.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021

