

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038076.D
 Acq On : 19 Nov 2021 6:37
 Operator : SY/AP
 Sample : M4751-01DL2 100X
 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 22 06:40:25 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	5.66	49	722622	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2154924	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	1795517	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1301127	10.05	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	13910m	0.222	ppbv	
20) Methylene Chloride	4.33	84	10098m	0.288	ppbv	
31) cis-1,2-Dichloroethene	5.54	61	40485	0.424	ppbv	98
38) Trichloroethene	7.82	130	54693	0.675	ppbv	96
52) Tetrachloroethene	11.21	164	1358299	17.077	ppbv	97

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

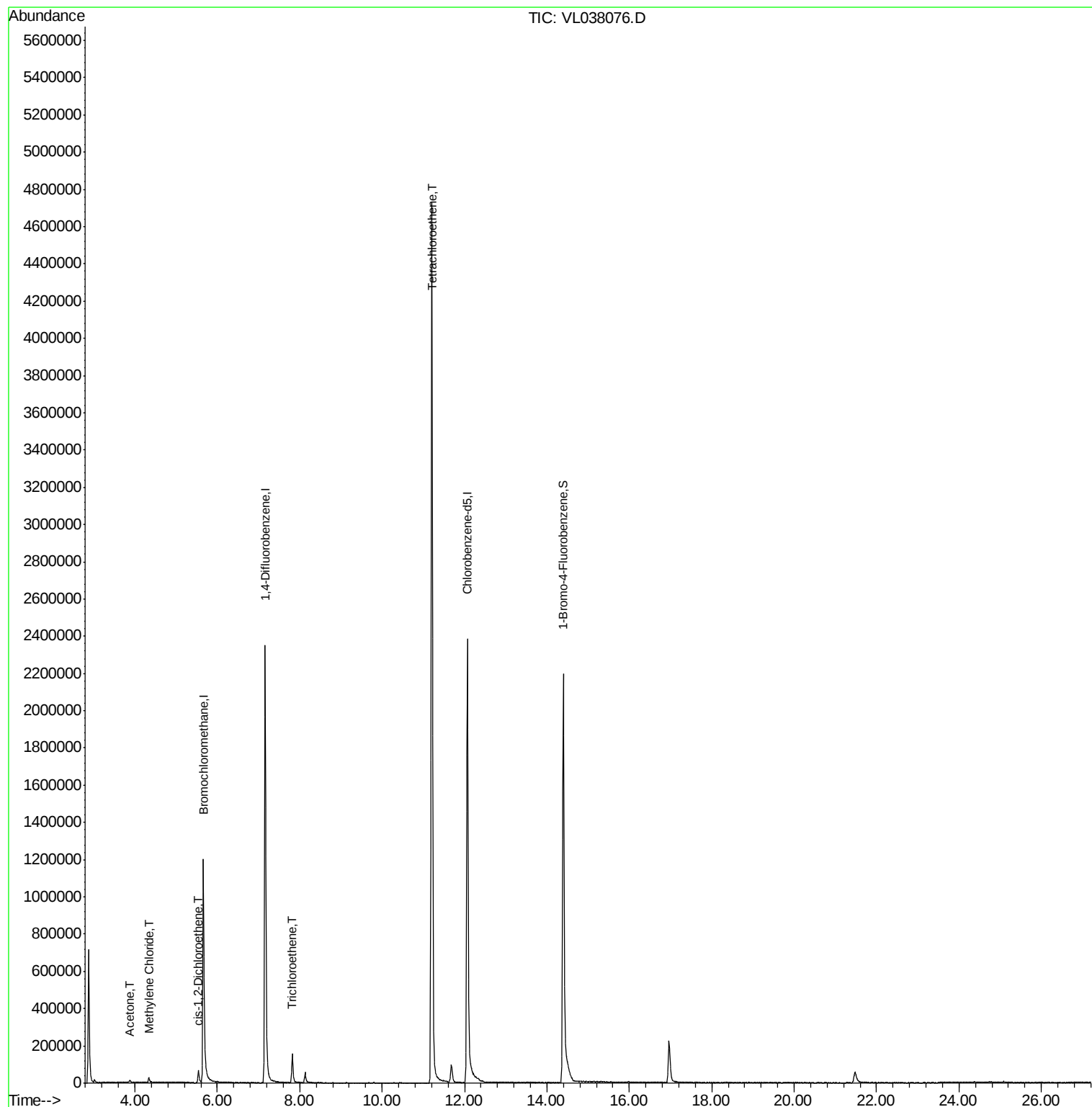
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111821\
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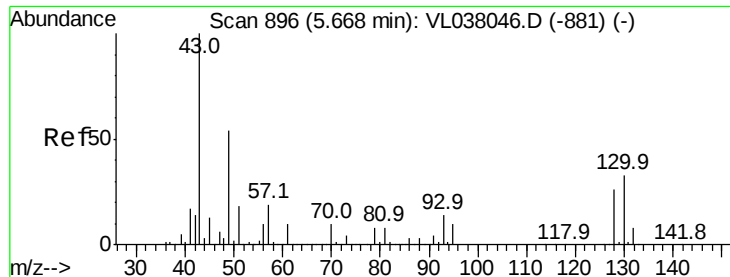
Instrument :
MSVOA_L
ClientSampleId :
SVP-1DL2

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SVP-1DL2

Acq: 19 Nov 2021 0:37

Tot Ion:

Ion Ratio

49 100

128 52.

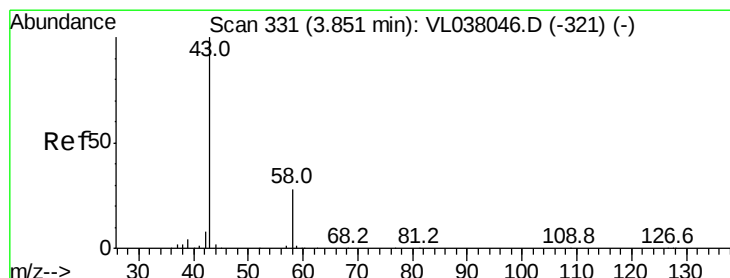
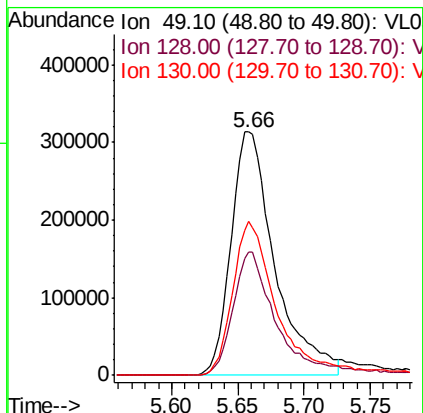
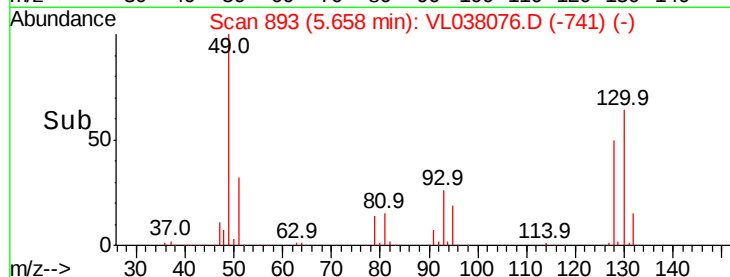
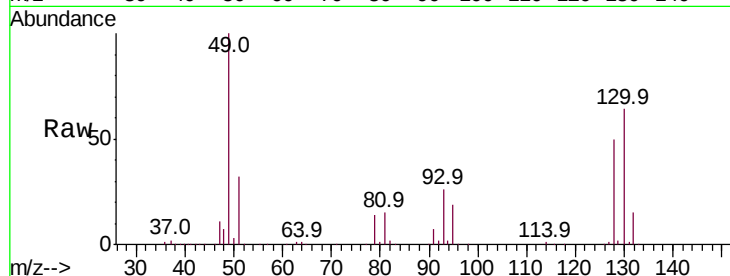
130 67.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#15

Acetone

Concen: 0.222 ppbv m

RT: 3.89 min Scan# 342

Delta R.T. 0.04 min

Lab File: VL038076.D

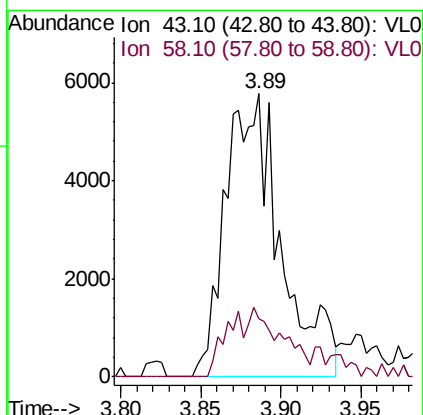
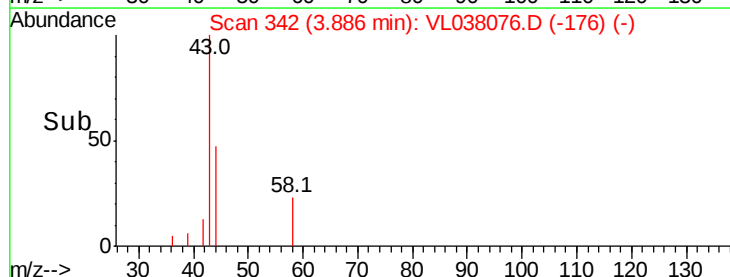
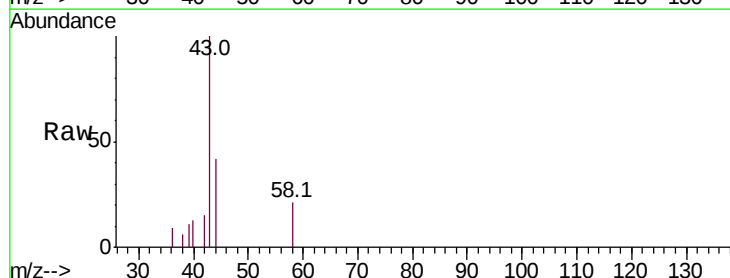
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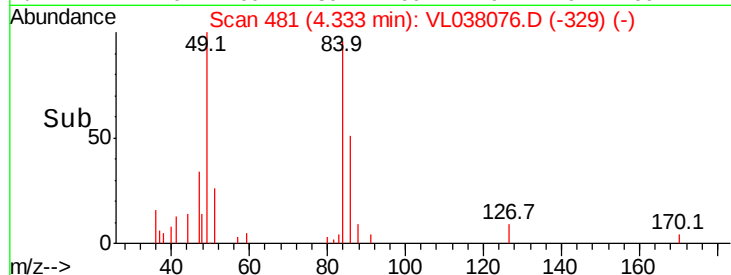
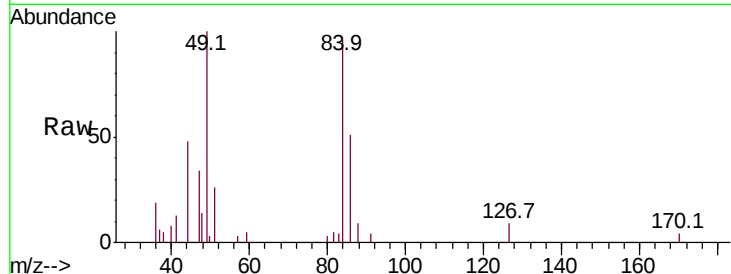
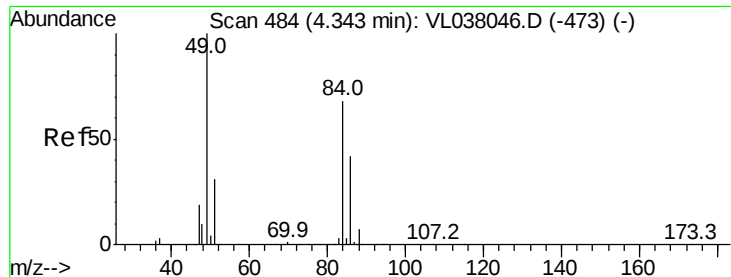
Tgt Ion: 43 Resp: 13910

Ion Ratio Lower Upper

43 100

58 0.0 22.4 33.6#



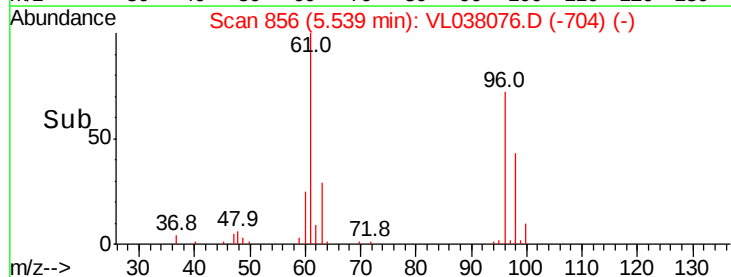
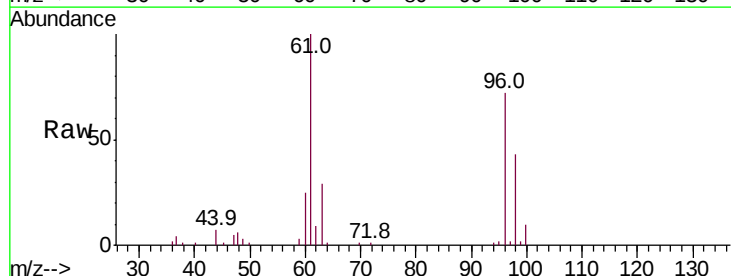
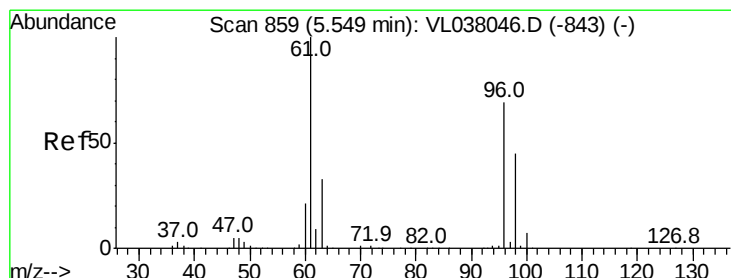
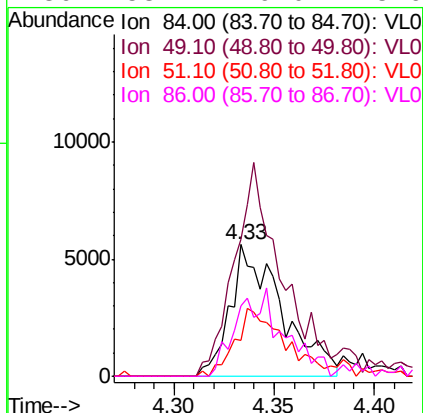


#20
Methylene Chloride
Concen: 0.288 ppbv m
RT: 4.33
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SVP-1DL2
Acq: 19 Nov 2021 0:37

Tot Ion:
Ion Ratio
84 100
49 104.
51 27.
86 53.7 49.0 73.6

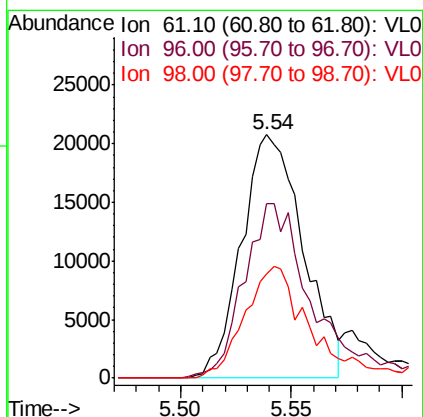
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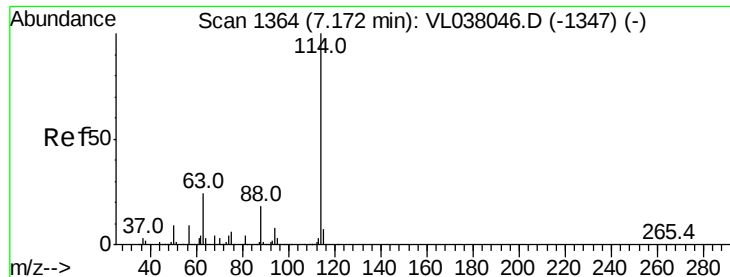
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#31
cis-1,2-Dichloroethene
Concen: 0.424 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.01 min
Lab File: VL038076.D
Acq: 19 Nov 2021 6:37

Tgt Ion: 61 Resp: 40485
Ion Ratio Lower Upper
61 100
96 70.8 55.4 83.2
98 42.7 35.7 53.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: SVP-1DL2

Acq: 19 Nov 2021 8:37

Tot Ion:1

Ion Rati

114 100

63 24.

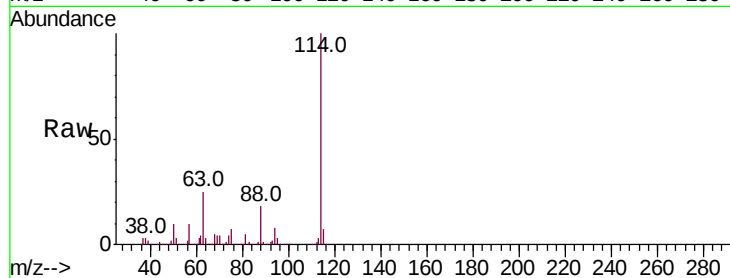
88 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

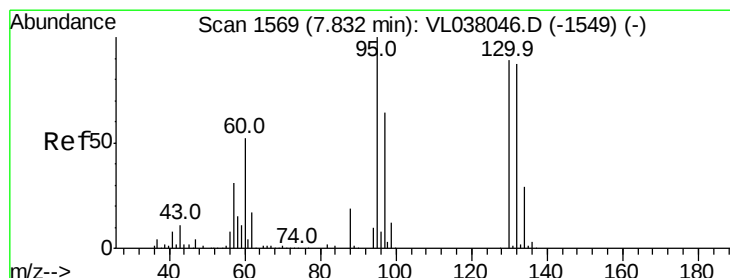
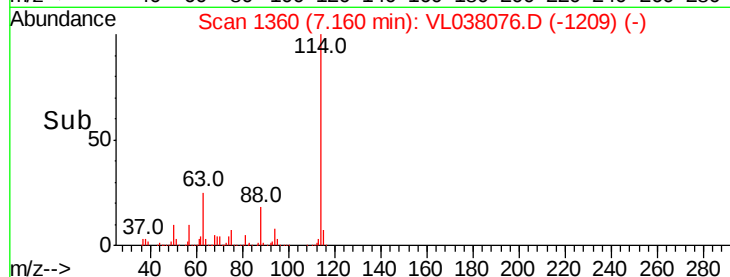
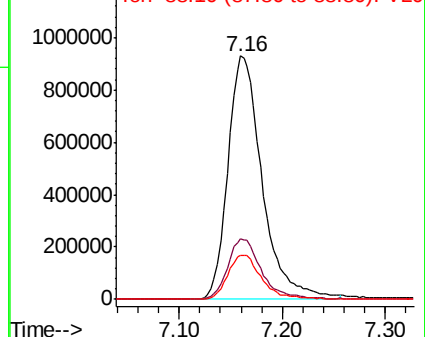
Supervised By :Mahesh Dadoda 11/29/2021



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: 0.675 ppbv

RT: 7.82 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VL038076.D

Acq: 19 Nov 2021 6:37

Tgt Ion:130 Resp: 54693

Ion Ratio Lower Upper

130 100

95 110.4 89.4 134.2

132 94.0 78.2 117.2

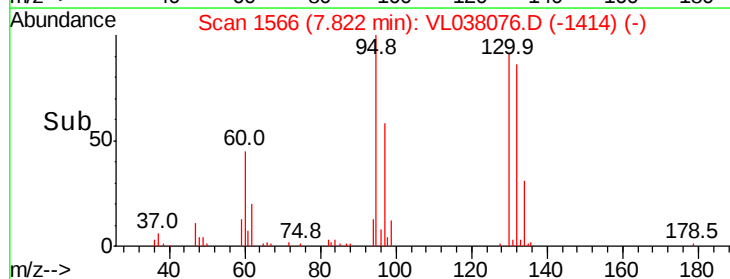
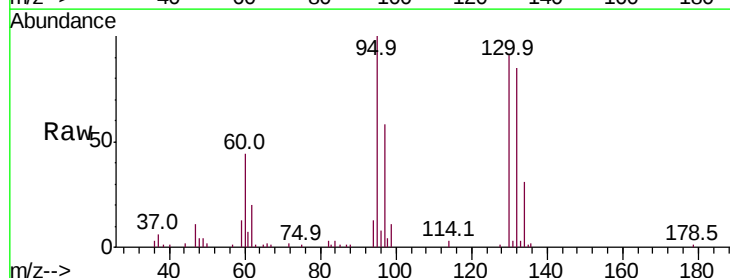
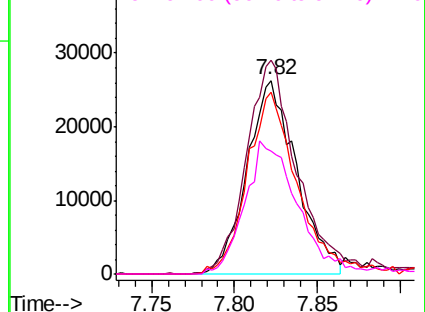
97 63.8 57.0 85.4

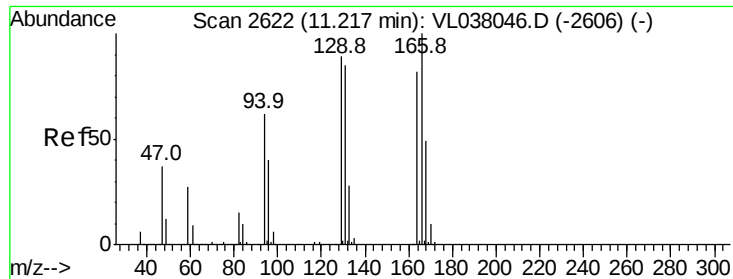
Abundance Ion 130.00 (129.70 to 130.70): V

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



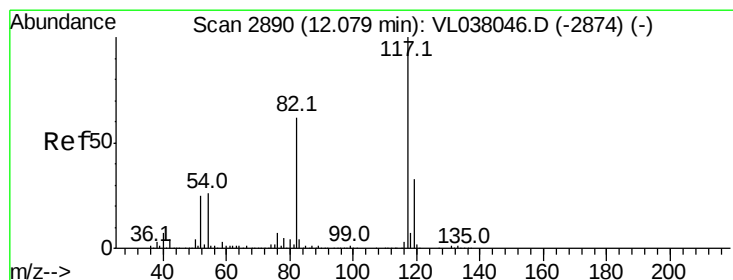
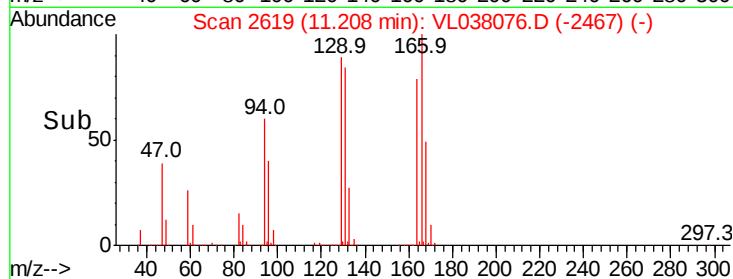
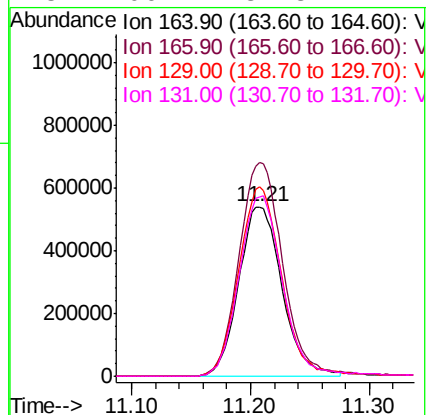
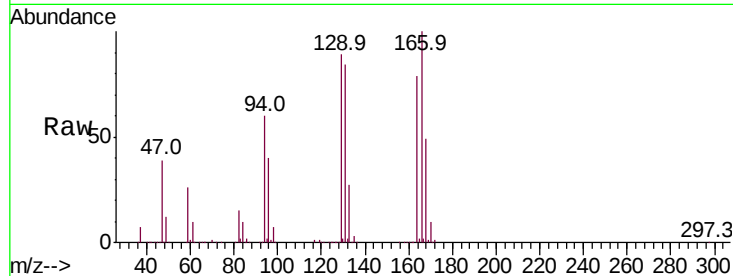


#52
Tetrachloroethene
Concen: 17.077 ppbv
RT: 11.21 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 19 Nov 2021 8:37

Tot Ion:1
Ion Ratio
164 100
166 126.
129 112.
131 106.1 82.8 124.2

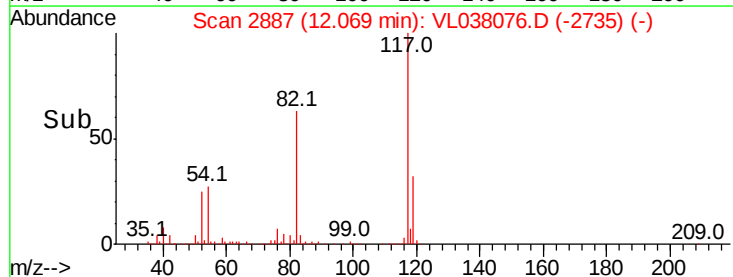
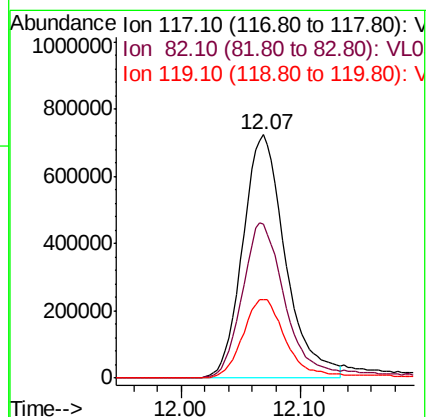
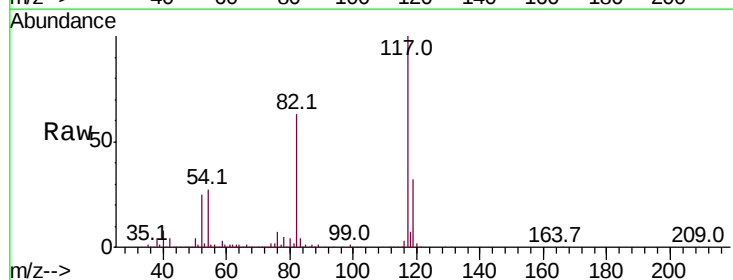
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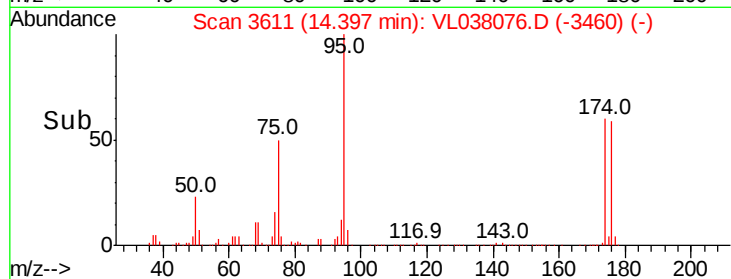
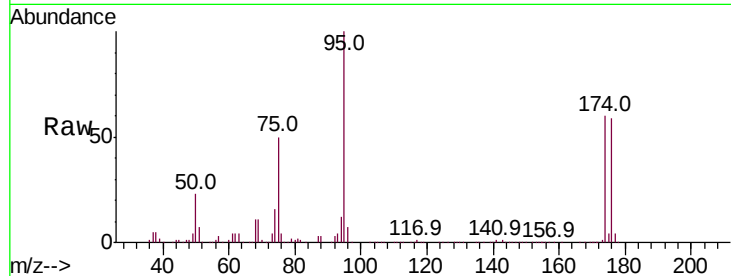
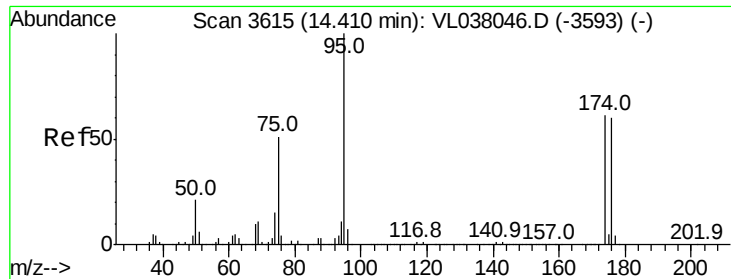
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T.: -0.01 min
Lab File: VL038076.D
Acq: 19 Nov 2021 6:37

Tgt Ion:117 Resp: 1795517
Ion Ratio Lower Upper
117 100
82 69.9 52.8 79.2
119 34.9 26.8 40.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.046 ppbv

RT: 14.40 Instrument:

Delta R.T MSVOA_L

Lab File: ClientSampleId:

SVP-1DL2

Acq: 19 Nov 2021 8:37

Tot Ion:

Ion Ratio

95 100

174 68.

175 4.

Manual Integrations

APPROVED

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