

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030322\
 Data File : VL038512.D
 Acq On : 3 Mar 2022 13:46
 Operator : SY/AP
 Sample : CAN 10727
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 CAN 10727

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022

Quant Time: Mar 04 05:51:57 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	834345	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	1948659	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1641309	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1366438	10.06	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.34	84	12255m	0.349	ppbv	
26) Hexane	5.68	57	11606m	0.134	ppbv	
32) 1,1,1-Trichloroethane	6.50	97	7267m	0.051	ppbv	
35) Carbon Tetrachloride	7.00	117	6405m	0.047	ppbv	
38) Trichloroethene	7.82	130	2902m	0.046	ppbv	
52) Tetrachloroethene	11.20	164	2525m	0.044	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.68	83	6389m	0.043	ppbv	

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

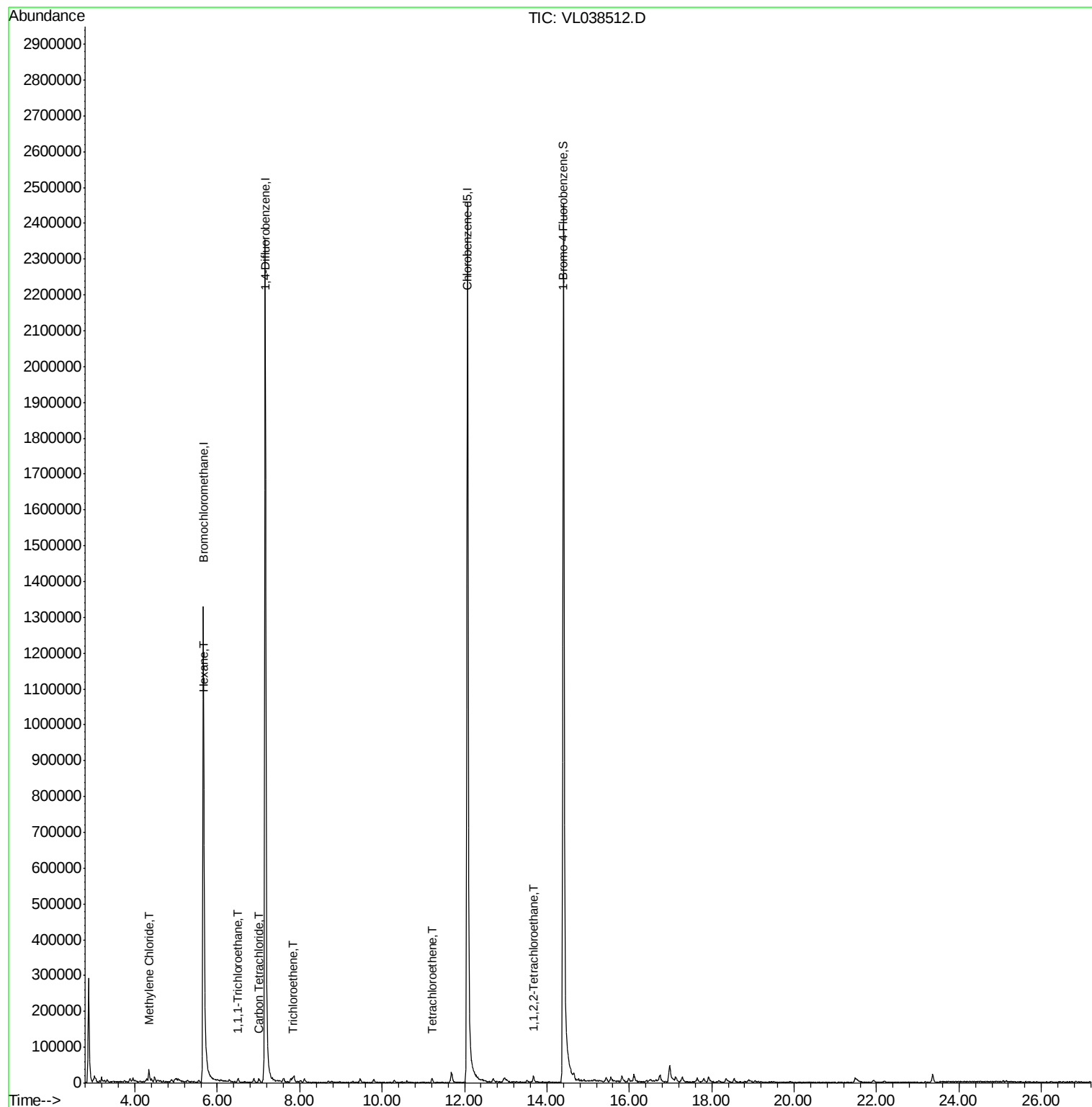
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030322\
Data File : VL038512.D
Acq On : 3 Mar 2022 13:46
Operator : SY/AP
Sample : CAN 10727
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

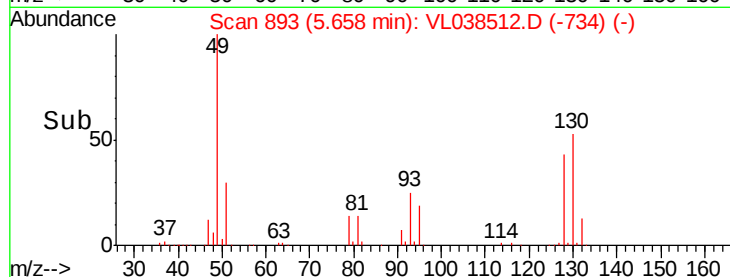
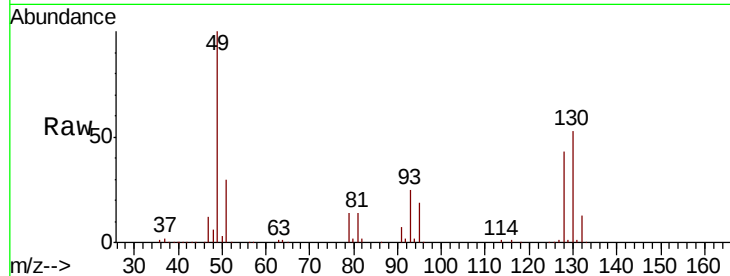
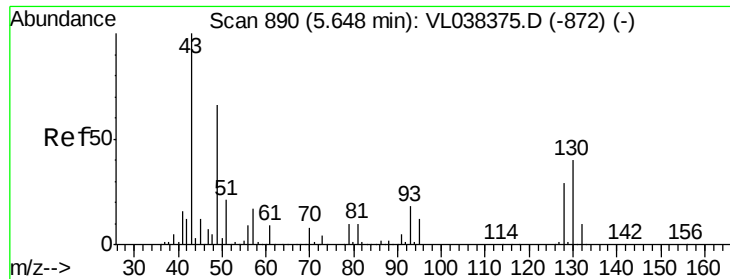
Instrument :
MSVOA_L
ClientSampleId :
CAN 10727

Quant Time: Mar 04 05:51:57 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022222
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



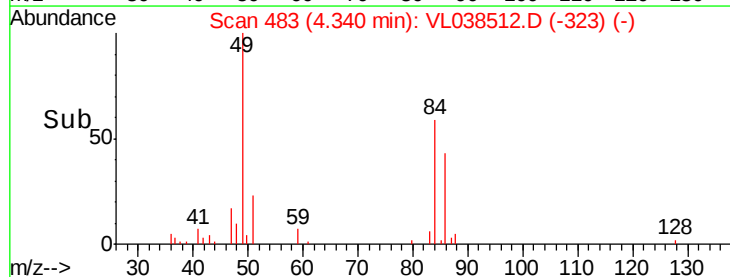
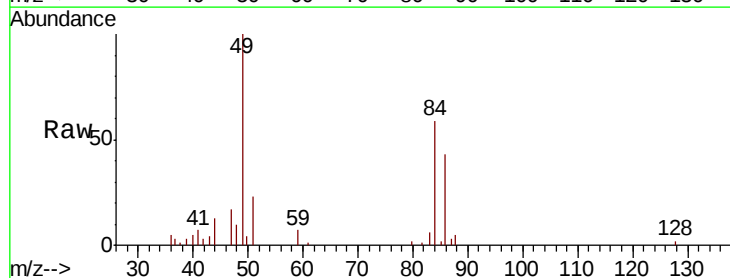
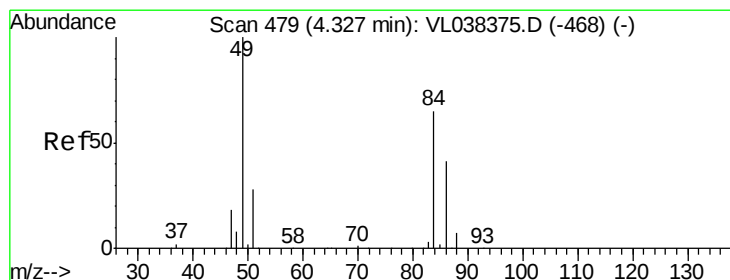
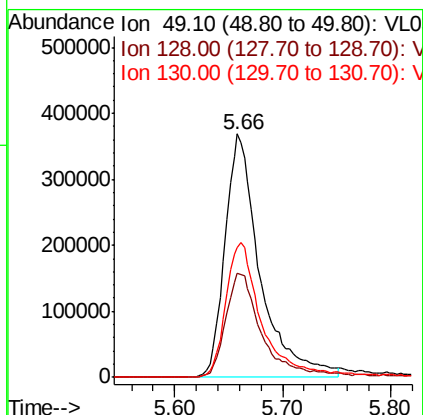


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 13:40

Tot Ion:
Ion Ratio
49 100
128 45.
130 58.

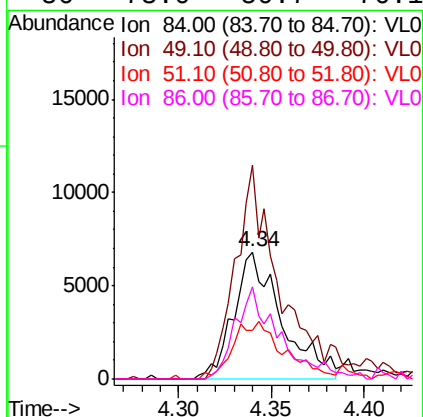
Manual Integrations
APPROVED

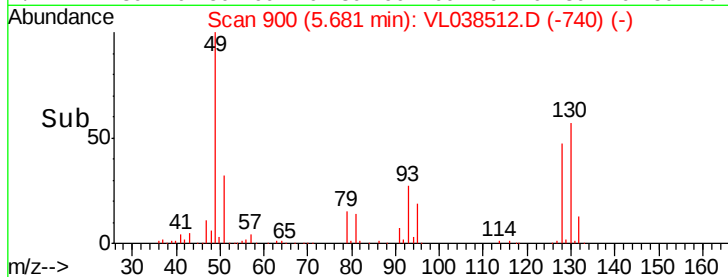
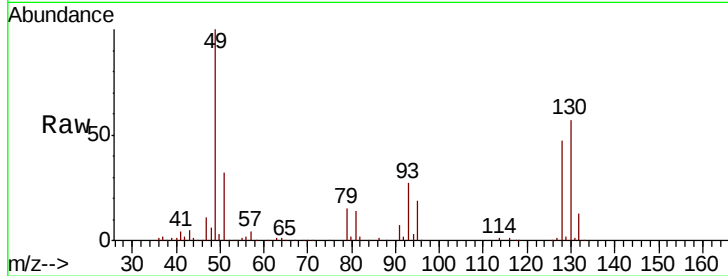
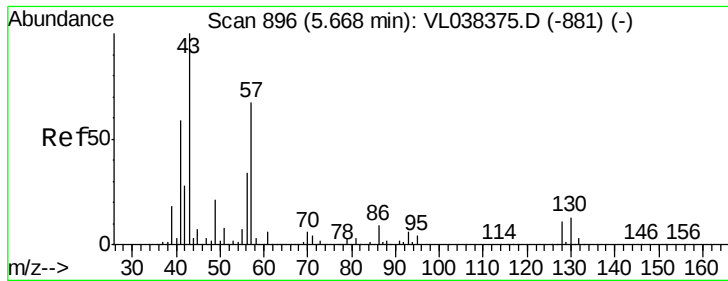
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#20
Methylene Chloride
Concen: 0.349 ppbv m
RT: 4.34 min Scan# 483
Delta R.T. 0.01 min
Lab File: VL038512.D
Acq: 3 Mar 2022 13:46

Tgt Ion: 84 Resp: 12255
Ion Ratio Lower Upper
84 100
49 168.3 122.4 183.6
51 38.5 33.3 49.9
86 73.0 50.7 76.1

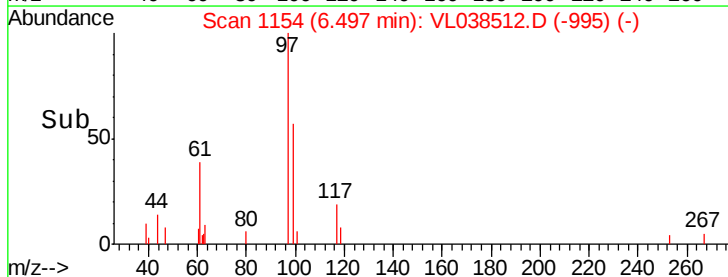
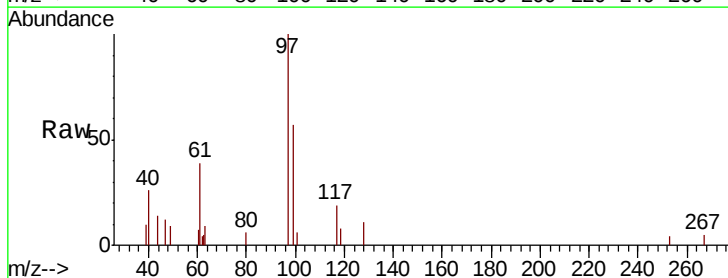
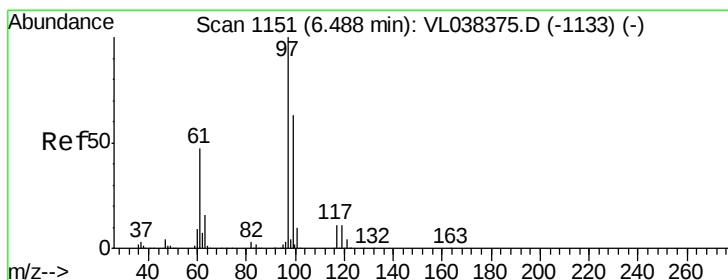
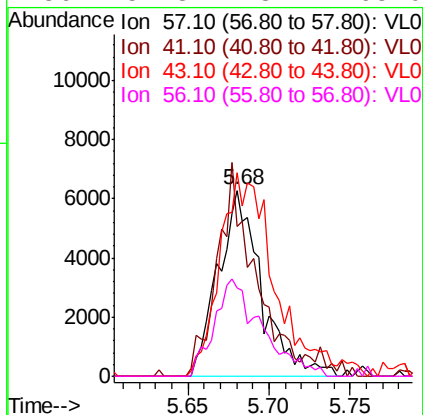




#26
Hexane
Concen: 0.134 ppbv m
RT: 5.68
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 13:40

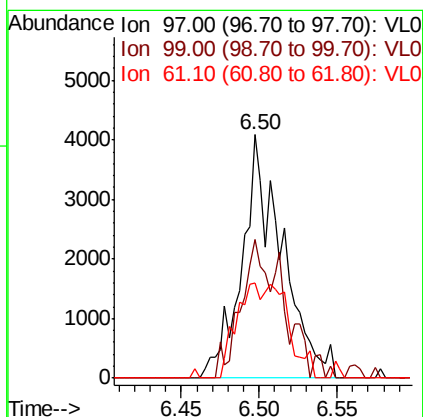
Tot Ion: Manual Integrations
Ion Ratio APPROVED
57 100
41 106.
43 140.
56 57.8 43.4 65.0

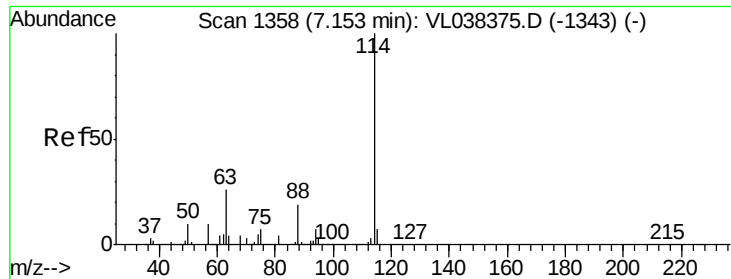
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#32
1,1,1-Trichloroethane
Concen: 0.051 ppbv m
RT: 6.50 min Scan# 1154
Delta R.T. 0.01 min
Lab File: VL038512.D
Acq: 3 Mar 2022 13:46

Tgt Ion: 97 Resp: 7267
Ion Ratio Lower Upper
97 100
99 63.0 51.9 77.9
61 50.6 40.5 60.7



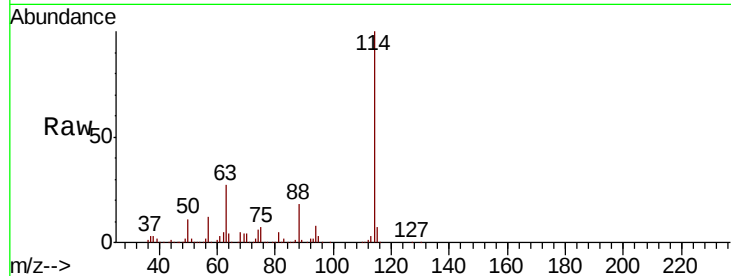


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 13:40

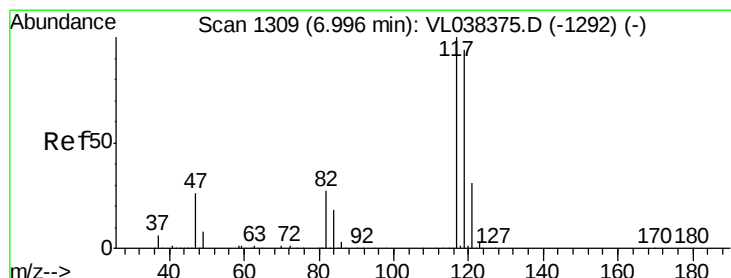
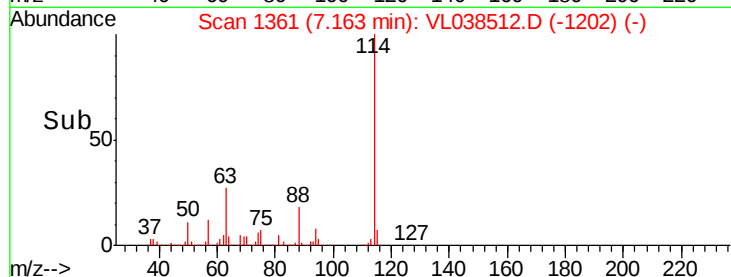
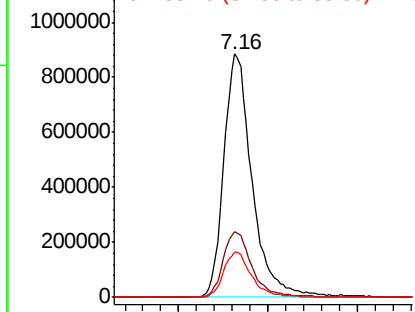
Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 18.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022

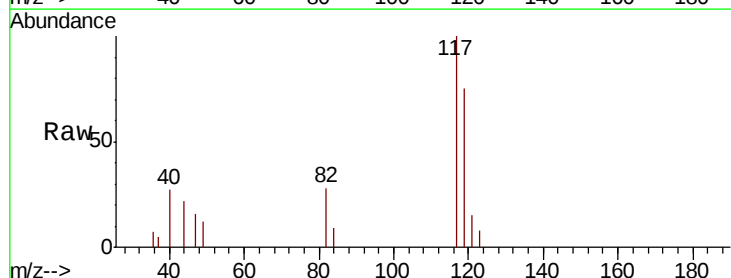


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

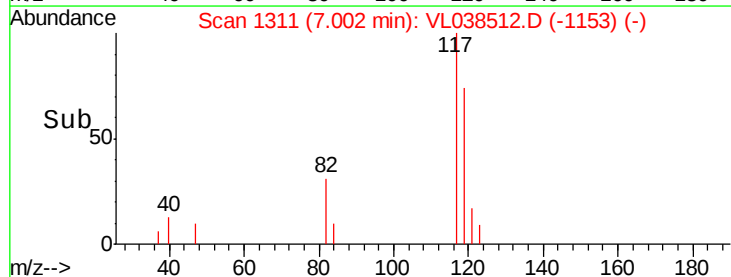
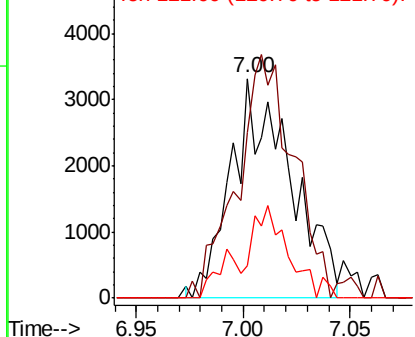


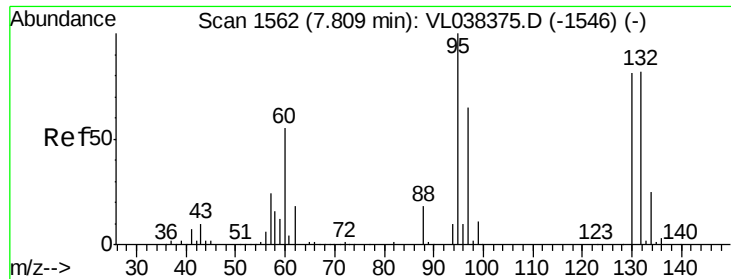
#35
 Carbon Tetrachloride
 Concen: 0.047 ppbv m
 RT: 7.00 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: VL038512.D
 Acq: 3 Mar 2022 13:46

Tgt Ion:117 Resp: 6405
 Ion Ratio Lower Upper
 117 100
 119 75.2 74.9 112.3
 121 14.7 24.8 37.2#



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V
 Ion 121.00 (120.70 to 121.70): V





#38

Trichloroethene

Concen: 0.046 ppbv m

RT: 7.82 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 13:40

Tot Ion:1

Ion Ratio

130 100

95 66.

132 105.

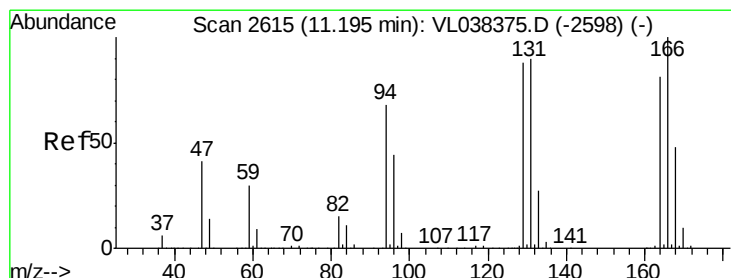
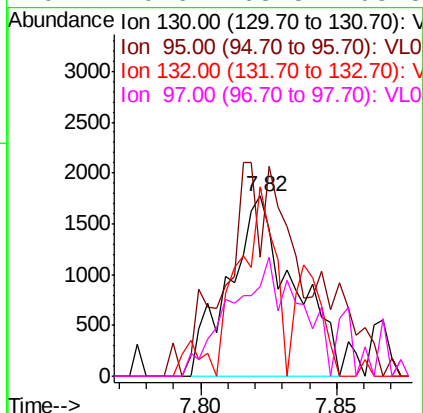
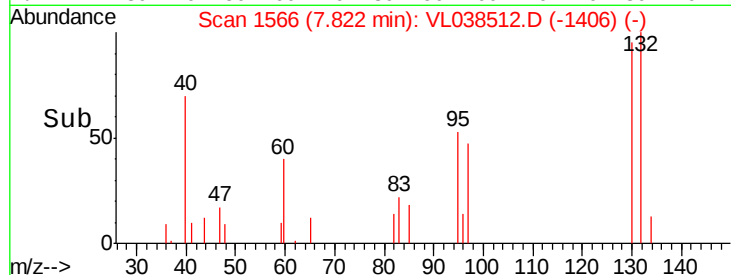
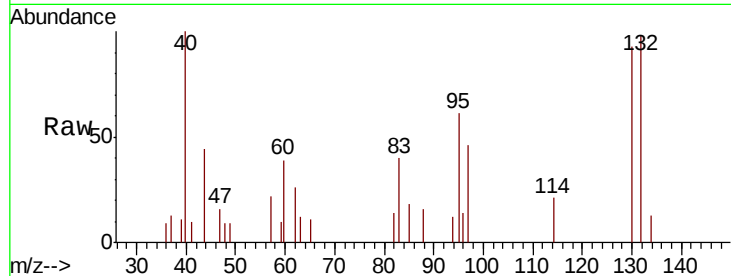
97 49.6 63.5 95.3#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#52

Tetrachloroethene

Concen: 0.044 ppbv m

RT: 11.20 min Scan# 2616

Delta R.T. 0.00 min

Lab File: VL038512.D

Acq: 3 Mar 2022 13:46

Tgt Ion:164 Resp: 2525

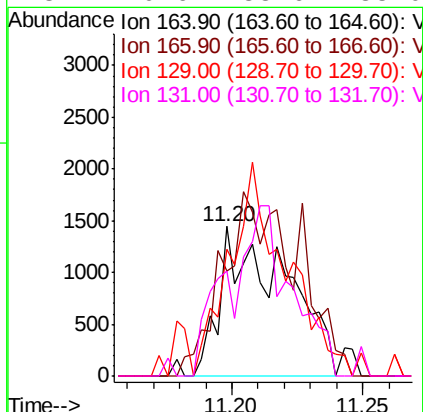
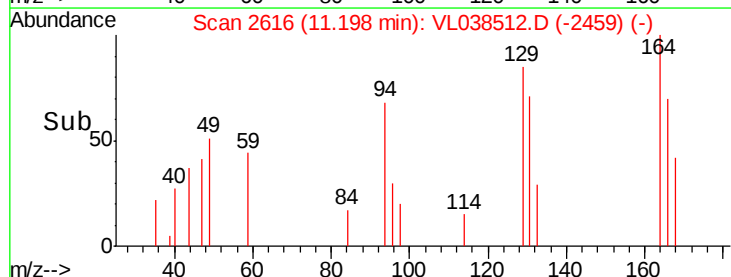
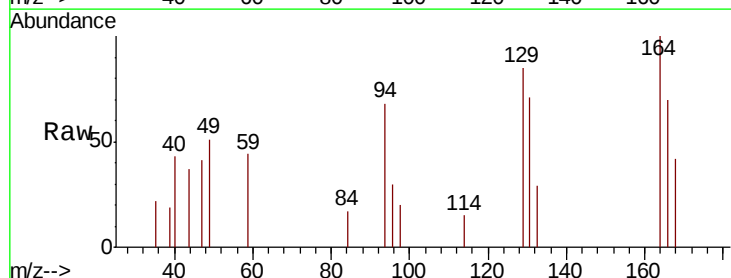
Ion Ratio Lower Upper

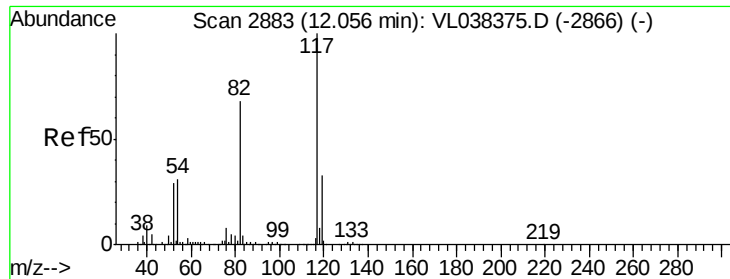
164 100

166 70.2 98.6 148.0#

129 85.3 86.9 130.3#

131 70.6 88.6 133.0#



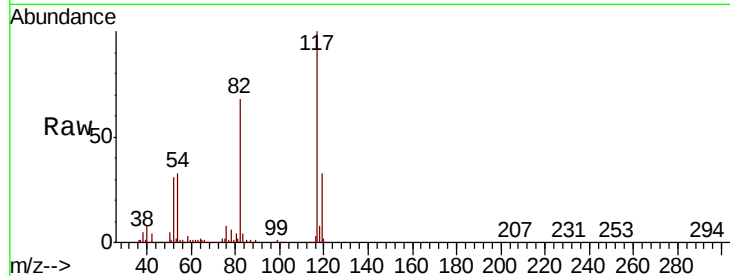


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 13:40

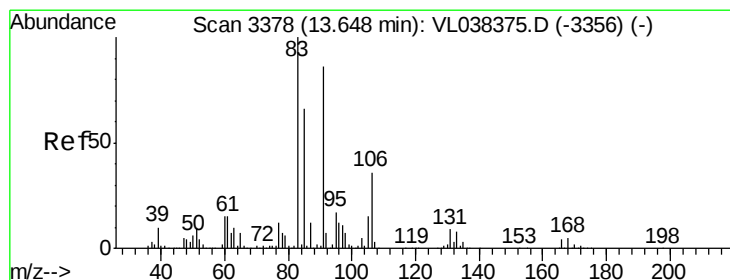
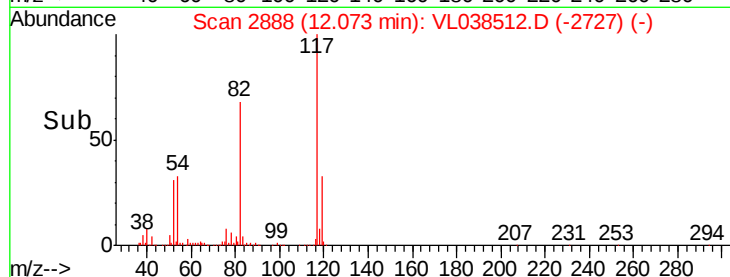
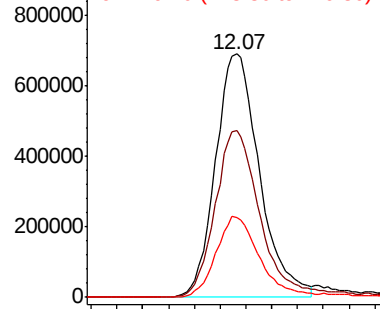
Tot Ion: 1
Ion Ratio
117 100
82 72.
119 34.

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 03/05/2022
Supervised By : Mahesh Dadoda 03/07/2022

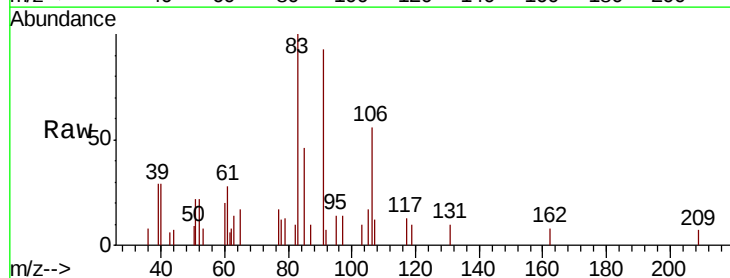


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

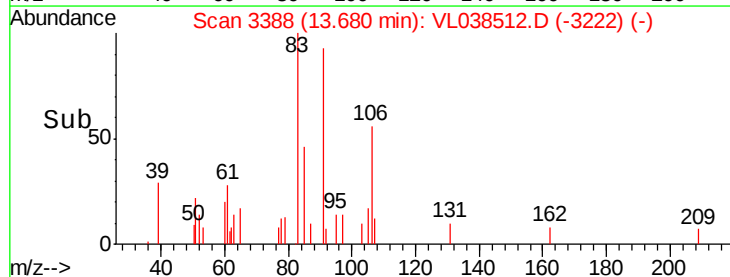
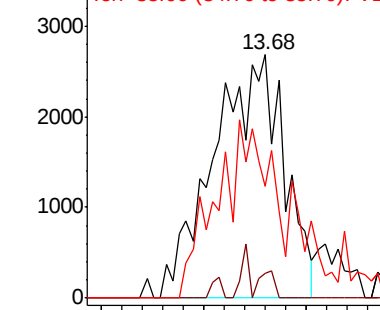


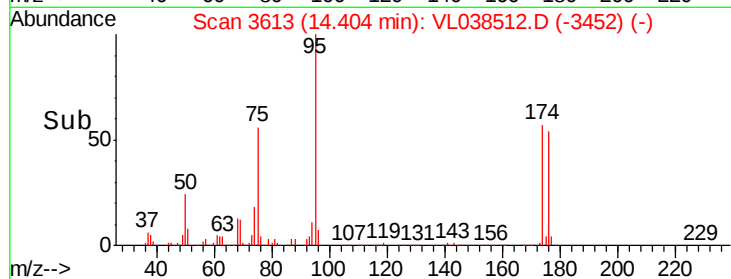
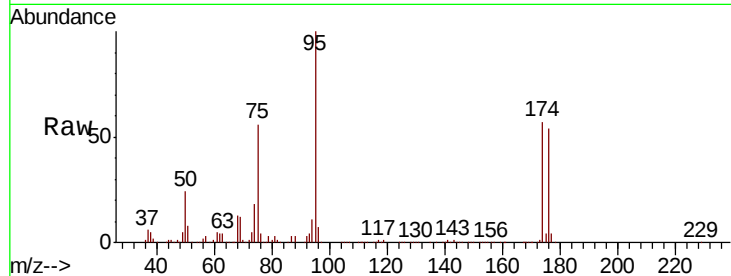
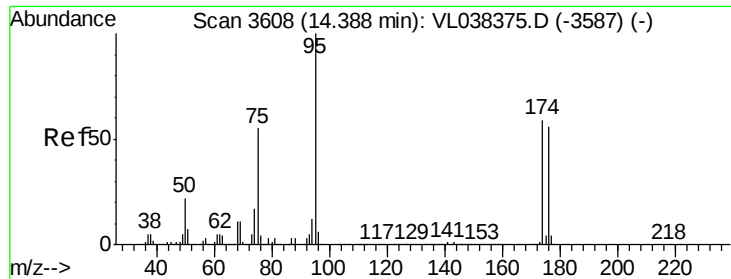
#63
1,1,2,2-Tetrachloroethane
Concen: 0.043 ppbv m
RT: 13.68 min Scan# 3388
Delta R.T.: 0.03 min
Lab File: VL038512.D
Acq: 3 Mar 2022 13:46

Tgt Ion: 83 Resp: 6389
Ion Ratio Lower Upper
83 100
131 6.0 4.5 13.7
85 75.8 33.0 99.0



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VL0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.062 ppbv
 RT: 14.40
 Instrument : MSVOA_L
 Delta R.T :
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 13:40

Tot Ion:
 Ion Rati
 95 100
 174 60.
 175 4.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022

