

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041478.D
 Acq On : 1 Aug 2024 14:52
 Operator : SY/MD
 Sample : P3390-15 0.03 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 05:24:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Fri Aug 02 03:13:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.192	49	860938	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2334703	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2191302	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1643383	9.745	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%
Target Compounds						
						Qvalue
5) Vinyl Chloride	2.928	62	1767m	0.033	ppbv	
32) 1,1,1-Trichloroethane	5.999	97	3928m	0.031	ppbv	
35) Carbon Tetrachloride	6.494	117	3476m	0.027	ppbv	
38) Trichloroethene	7.291	130	2935m	0.038	ppbv	
52) Tetrachloroethene	10.613	164	1904m	0.029	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.060	83	4354m	0.033	ppbv	

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

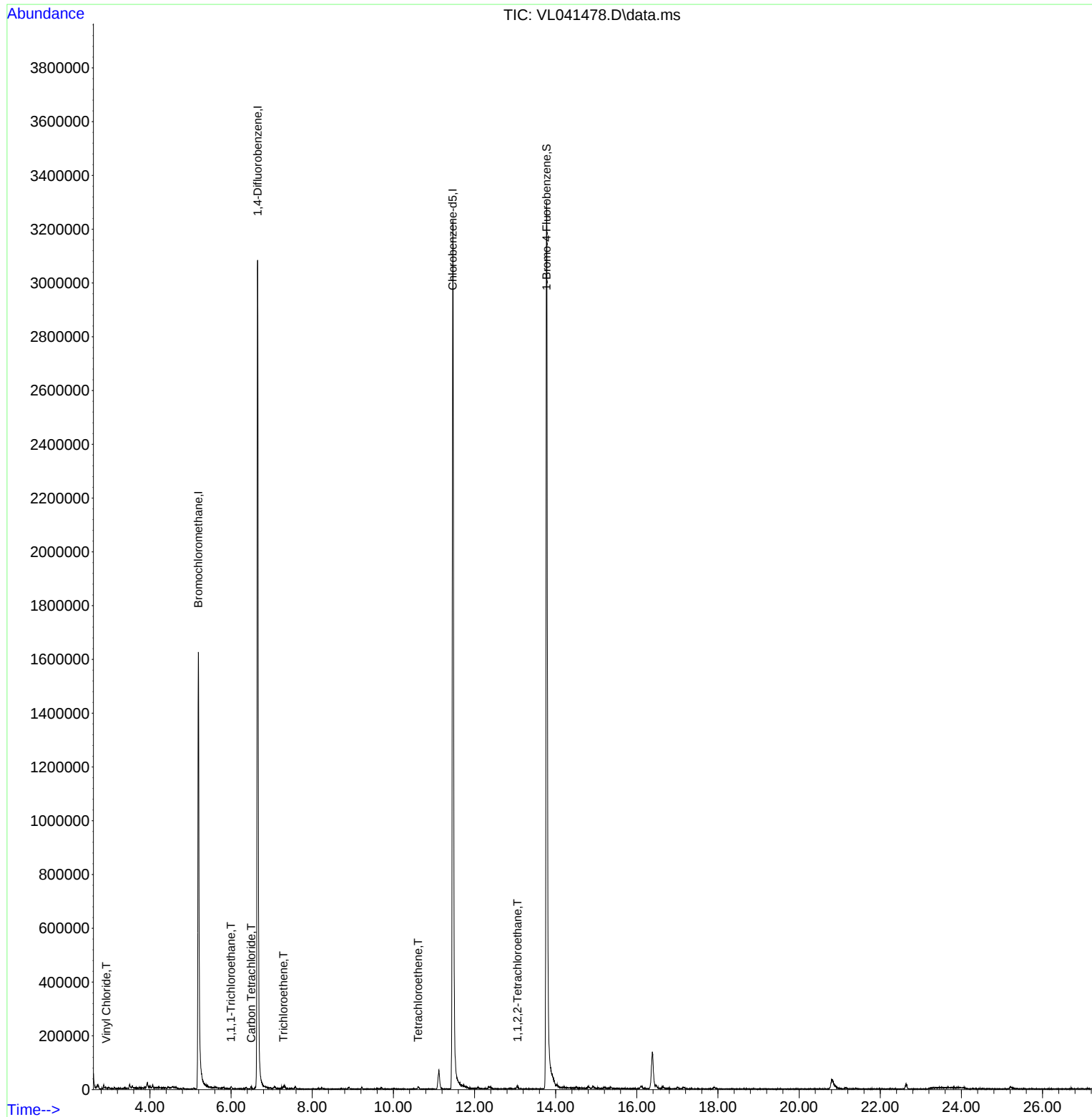
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
Data File : VL041478.D
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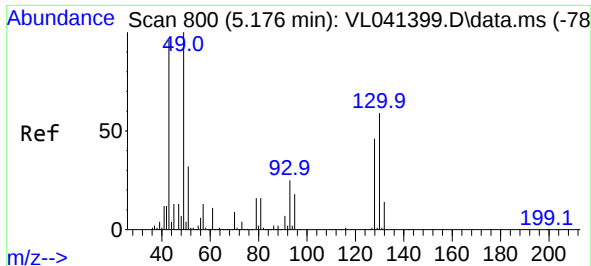
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024

Quant Time: Aug 02 05:24:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Aug 02 03:13:29 2024
Response via : Initial Calibration

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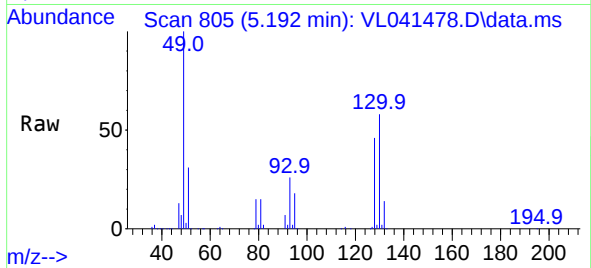
Reviewed By : Semsettin Yesilyurt 08/02/2024
Supervised By : Mahesh Dadoda 08/03/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041478.D
Acq: 1 Aug 2024 14:52

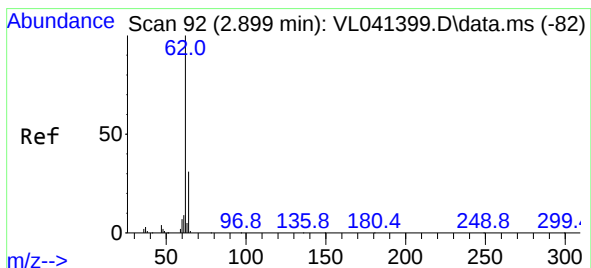
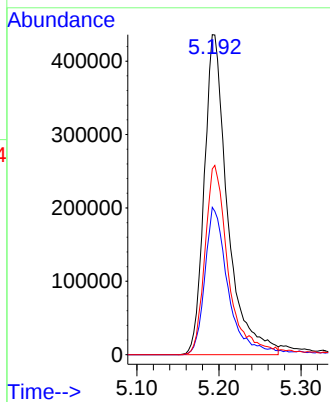
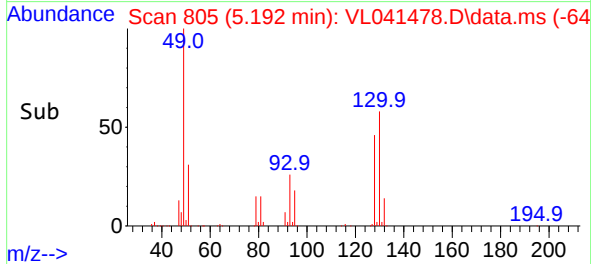
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 49 Resp: 860938
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.4
130 61.6 30.8 92.4

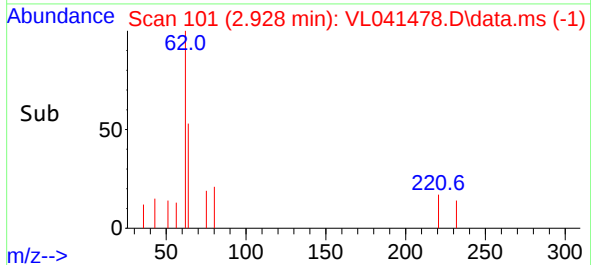
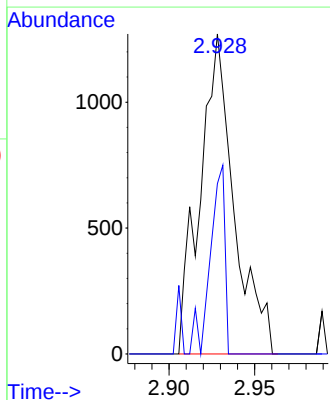
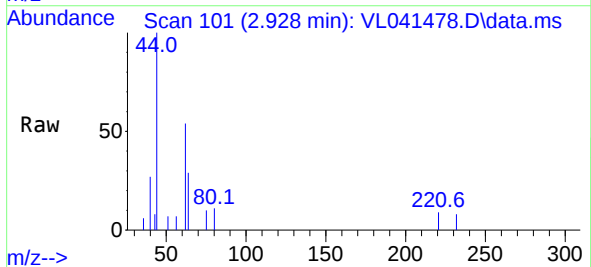
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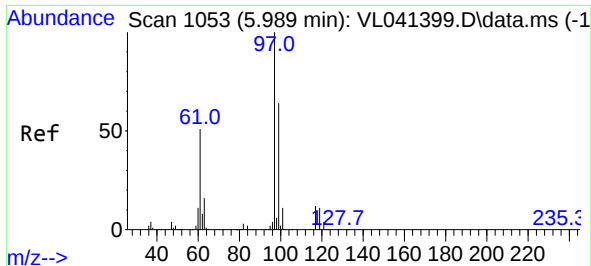
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#5
Vinyl Chloride
Concen: 0.033 ppbv m
RT: 2.928 min Scan# 101
Delta R.T. 0.006 min
Lab File: VL041478.D
Acq: 1 Aug 2024 14:52

Tgt Ion: 62 Resp: 1767
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.4#





#32

1,1,1-Trichloroethane

Concen: 0.031 ppbv m

RT: 5.999 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VL041478.D

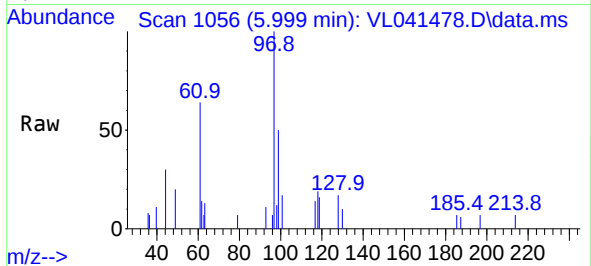
Acq: 1 Aug 2024 14:52

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024



Tgt Ion: 97 Resp: 3928

Ion Ratio Lower Upper

97 100

99 74.1 52.0 78.0

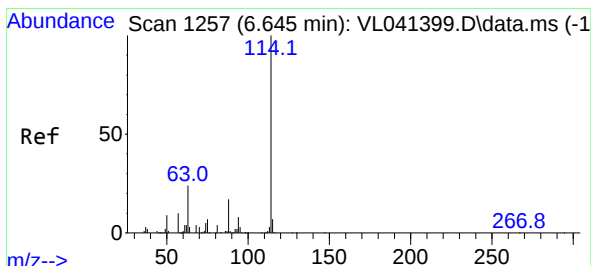
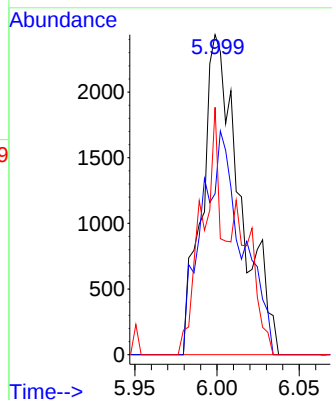
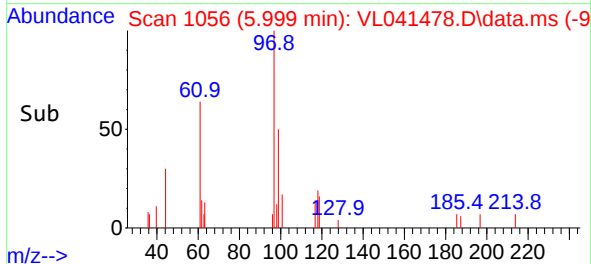
61 66.0 41.8 62.8

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VL041478.D

Acq: 1 Aug 2024 14:52

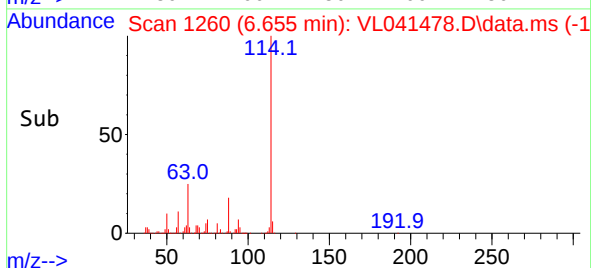
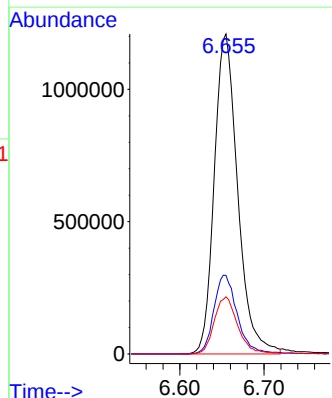
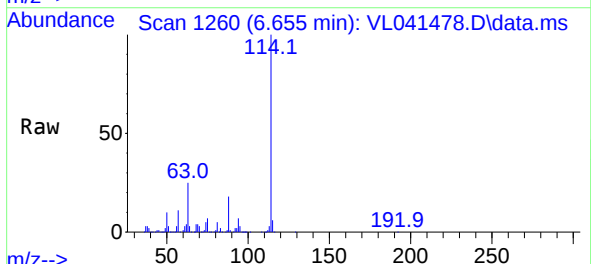
Tgt Ion:114 Resp: 2334703

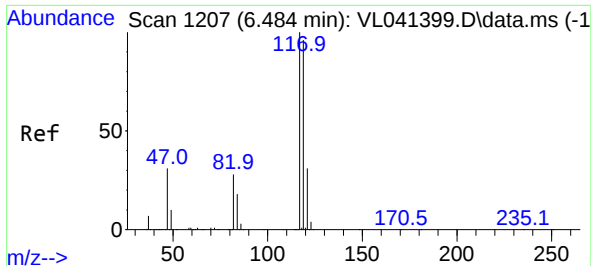
Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

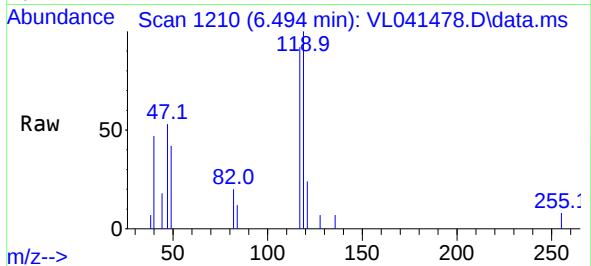
88 18.0 14.3 21.5





#35
Carbon Tetrachloride
Concen: 0.027 ppbv m
RT: 6.494 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL041478.D
Acq: 1 Aug 2024 14:52

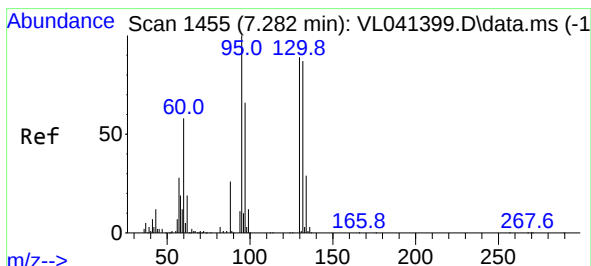
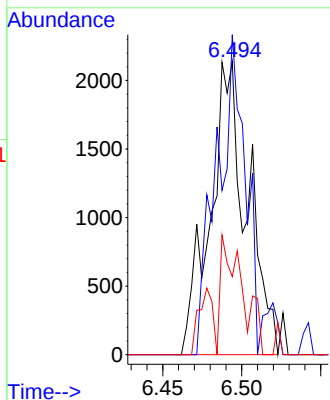
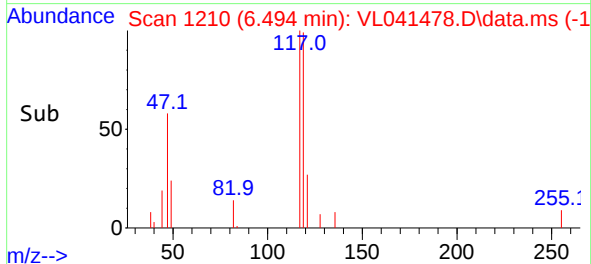
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2024



Tgt Ion:117 Resp: 3470
Ion Ratio Lower Upper
117 100
119 109.2 76.6 115.0
121 26.6 25.1 37.7

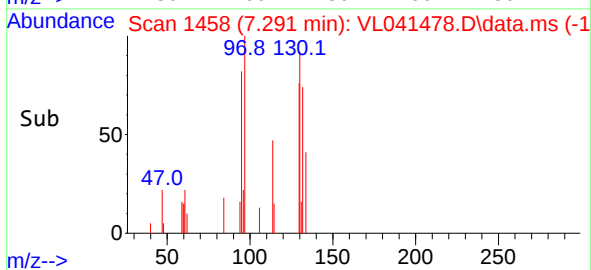
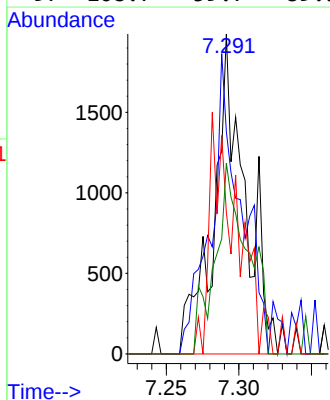
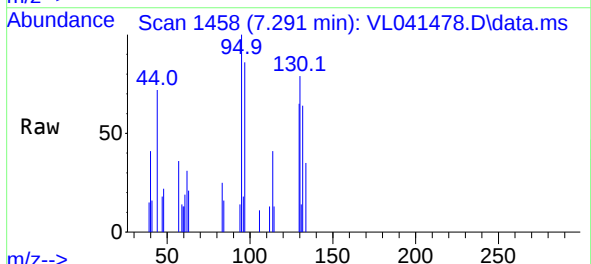
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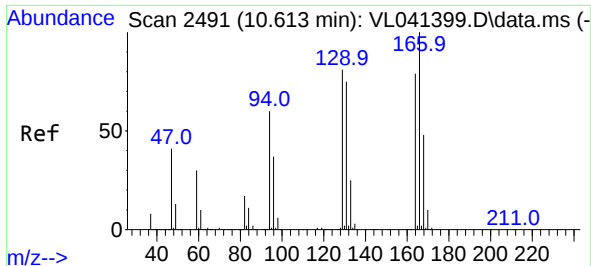
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#38
Trichloroethene
Concen: 0.038 ppbv m
RT: 7.291 min Scan# 1458
Delta R.T. 0.003 min
Lab File: VL041478.D
Acq: 1 Aug 2024 14:52

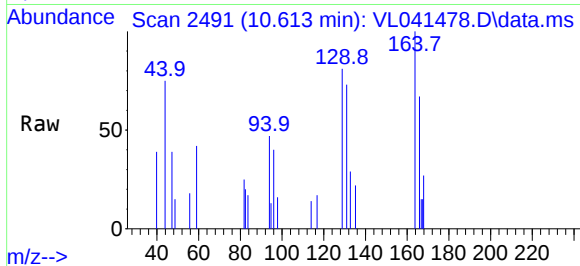
Tgt Ion:130 Resp: 2935
Ion Ratio Lower Upper
130 100
95 126.7 90.2 135.2
132 80.6 78.1 117.1
97 108.7 59.7 89.5





#52
Tetrachloroethene
Concen: 0.029 ppbv m
RT: 10.613 min Scan# 2491
Delta R.T. -0.000 min
Lab File: VL041478.D
Acq: 1 Aug 2024 14:52

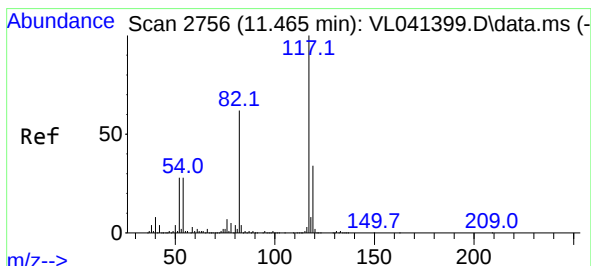
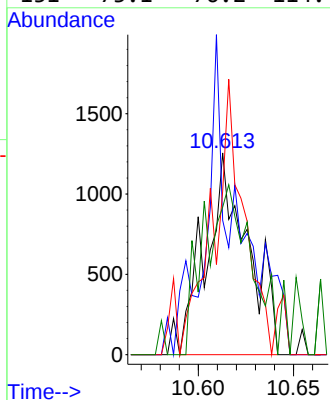
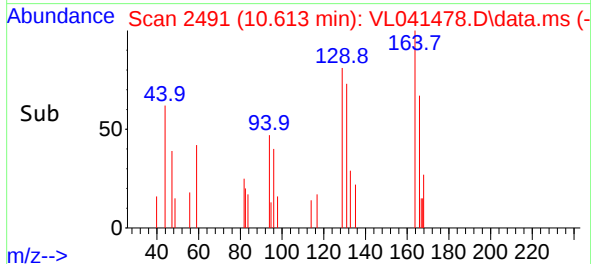
Instrument :
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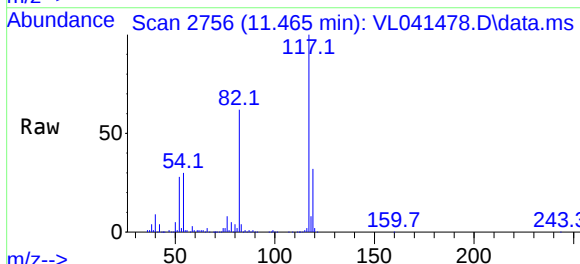
Tgt Ion:164 Resp: 1904
Ion Ratio Lower Upper
164 100
166 66.6 101.1 151.7
129 81.1 81.7 122.5
131 73.1 76.2 114.4#

Manual Integrations
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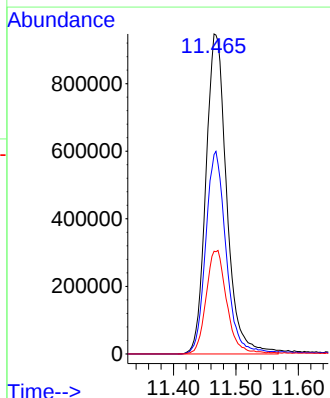
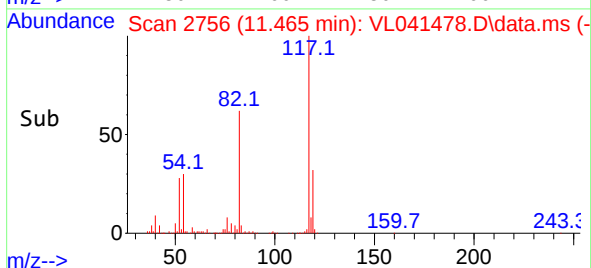
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

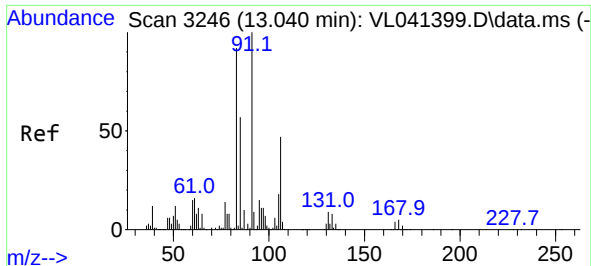


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.000 min
Lab File: VL041478.D
Acq: 1 Aug 2024 14:52



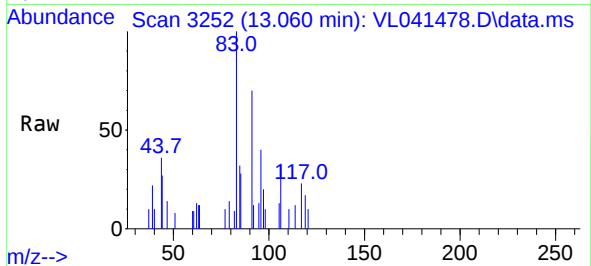
Tgt Ion:117 Resp: 2191302
Ion Ratio Lower Upper
117 100
82 63.6 51.0 76.6
119 32.5 45.2 67.8#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.033 ppbv m
RT: 13.060 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041478.D
Acq: 1 Aug 2024 14:52

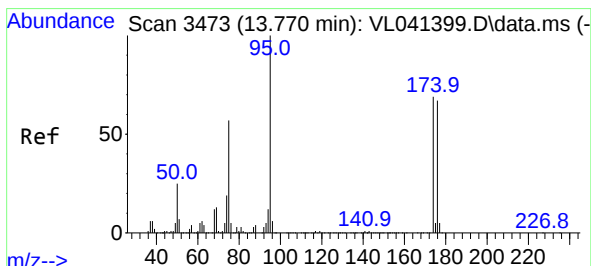
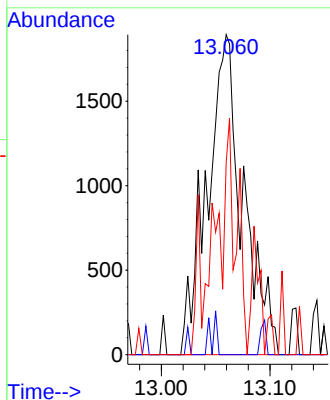
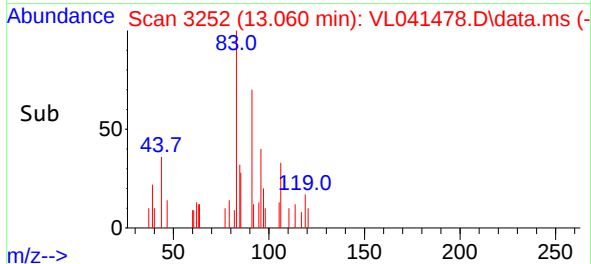
Instrument :
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MDL-AIR-03-QT3-2024



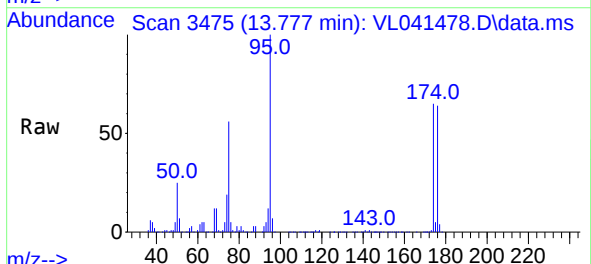
Tgt Ion: 83 Resp: 4354
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4
85 0.0 32.6 98.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.745 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041478.D
Acq: 1 Aug 2024 14:52



Tgt Ion: 95 Resp: 1643383
Ion Ratio Lower Upper
95 100
174 72.0 56.3 84.5
175 5.2 4.0 6.0

