

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041243.D
 Acq On : 8 May 2024 14:30
 Operator : SY/MD
 Sample : P2403-14 LOQ 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2024

Quant Time: May 09 05:12:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu May 09 02:43:03 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

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

Internal Standards						
1) Bromochloromethane	5.214	49	787658	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	2129200	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	1939790	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1458796	9.961	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.938	62	1776m	0.038	ppbv	
32) 1,1,1-Trichloroethane	6.021	97	4235m	0.037	ppbv	
35) Carbon Tetrachloride	6.520	117	3805m	0.032	ppbv	
38) Trichloroethene	7.307	130	2065m	0.031	ppbv	
52) Tetrachloroethene	10.635	164	2594m	0.041	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.076	83	4288m	0.030	ppbv	

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

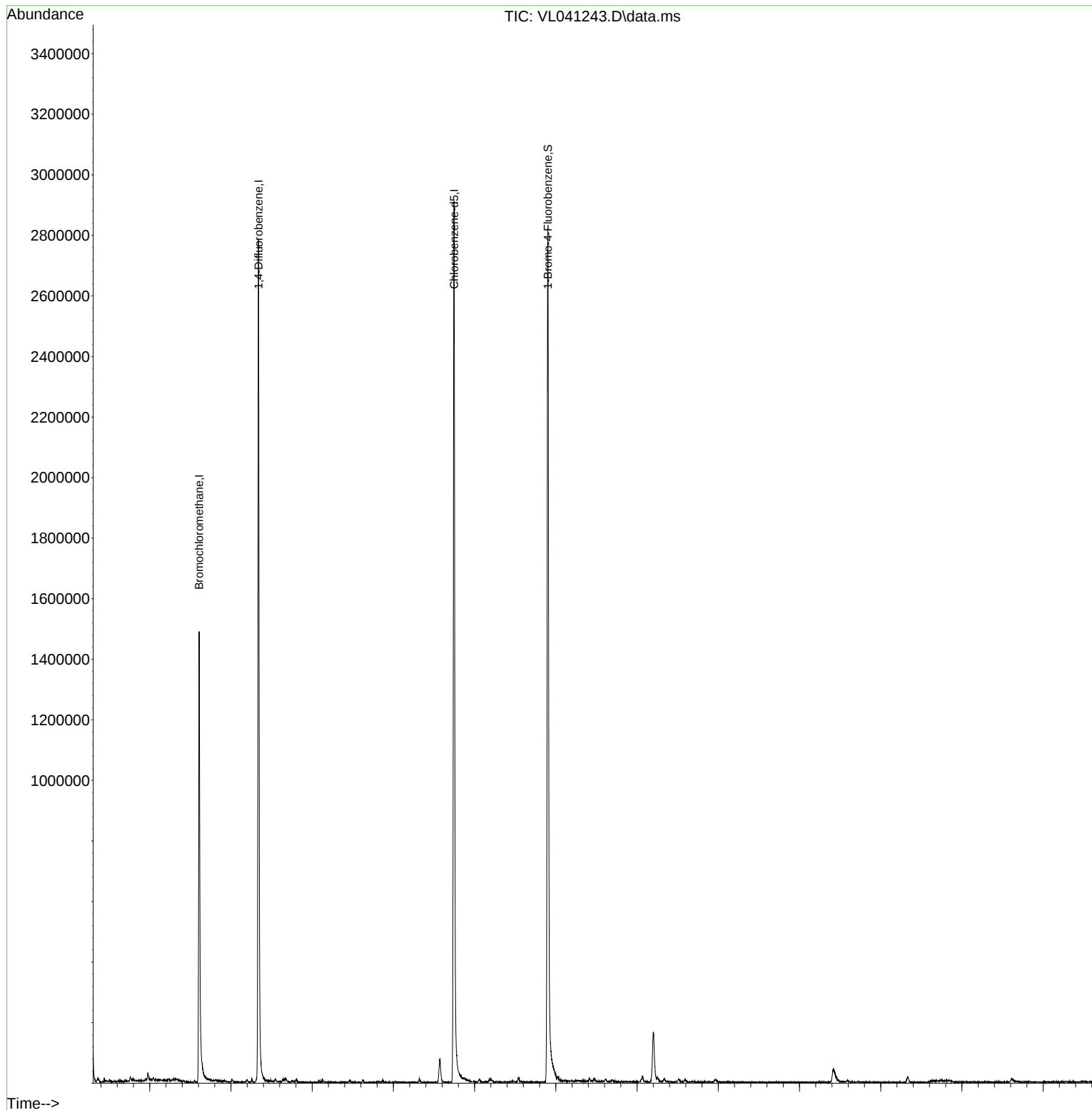
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
Data File : VL041243.D
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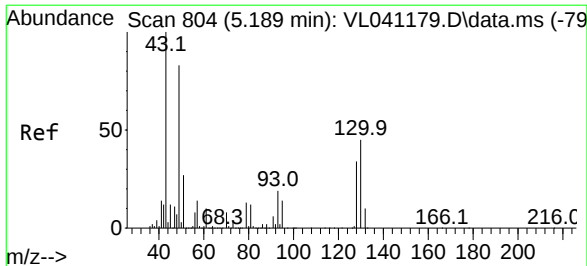
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024

Quant Time: May 09 05:12:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu May 09 02:43:03 2024
Response via : Initial Calibration

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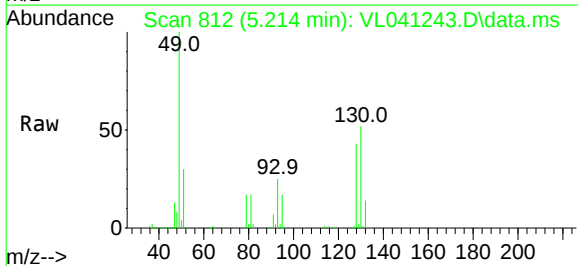
Reviewed By : Semsettin Yesilyurt 05/09/2024
Supervised By : Mahesh Dadoda 05/09/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041243.D
Acq: 8 May 2024 14:30

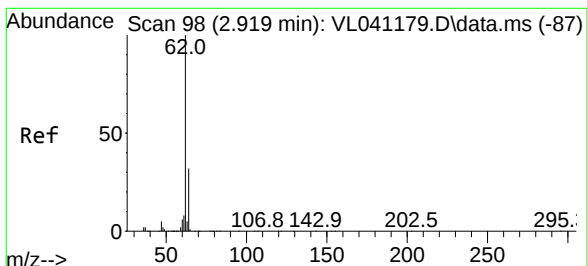
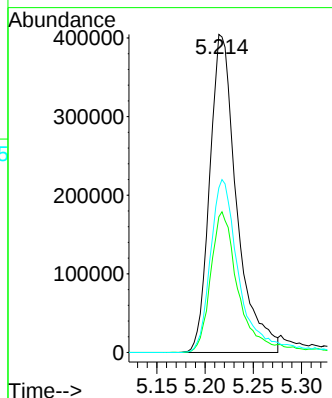
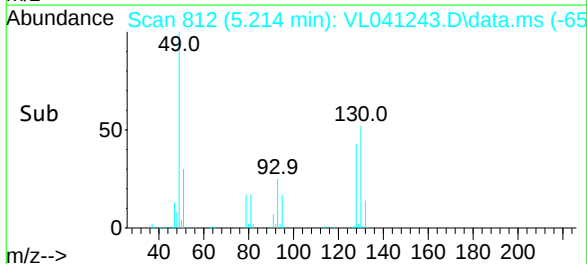
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



Tgt Ion: 49 Resp: 787658
Ion Ratio Lower Upper
49 100
128 46.7 21.5 64.5
130 59.8 27.2 81.6

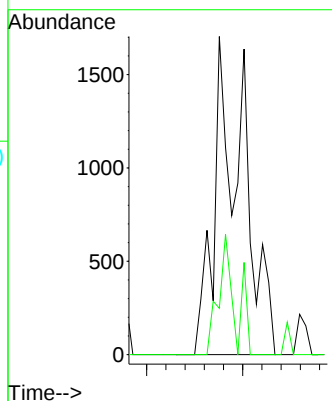
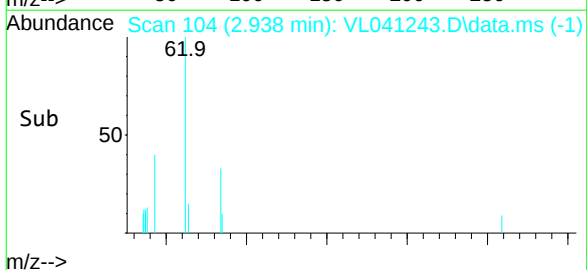
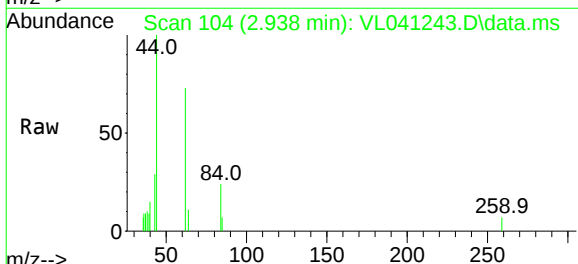
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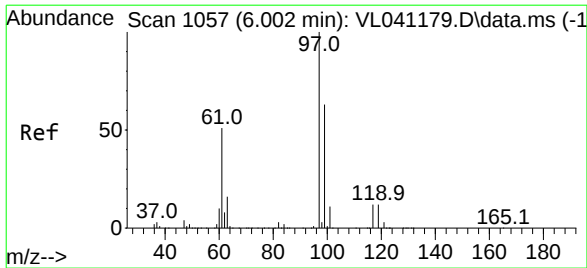
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#5
Vinyl Chloride
Concen: 0.038 ppbv m
RT: 2.938 min Scan# 104
Delta R.T. -0.000 min
Lab File: VL041243.D
Acq: 8 May 2024 14:30

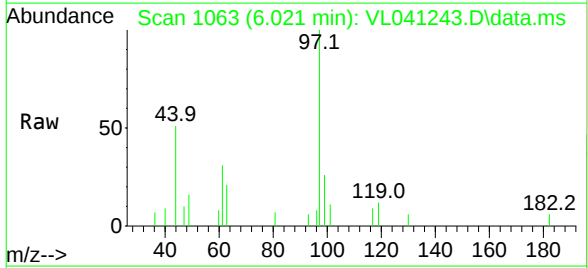
Tgt Ion: 62 Resp: 1776
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#





#32
1,1,1-Trichloroethane
Concen: 0.037 ppbv
RT: 6.021 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VL041243.D
Acq: 8 May 2024 14:30

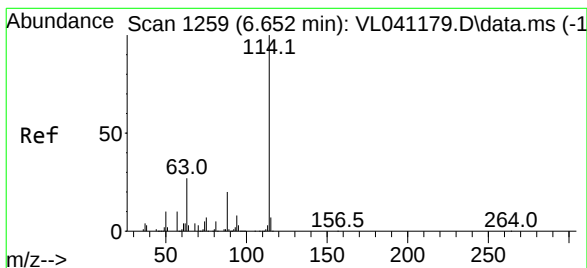
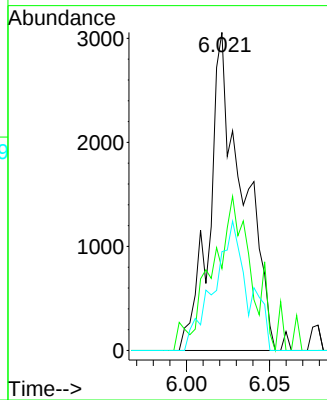
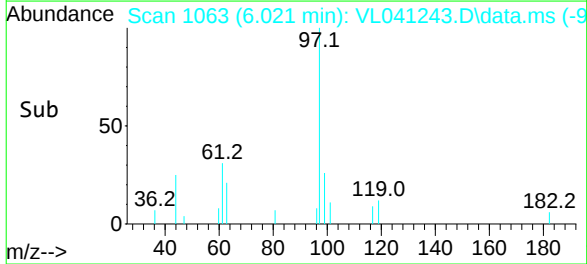
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
99	60.8	51.7	77.5
61	42.1	41.1	61.7

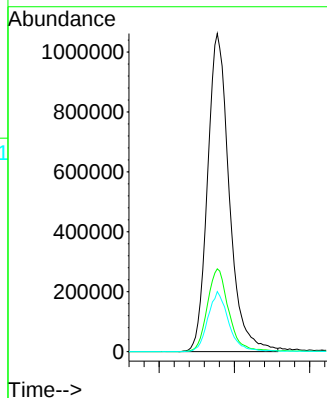
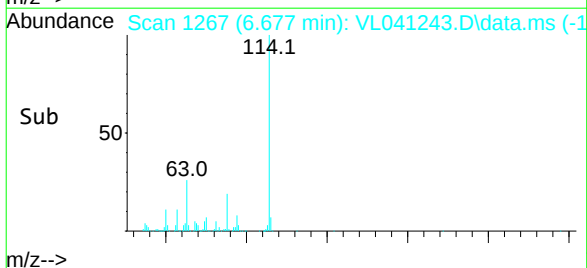
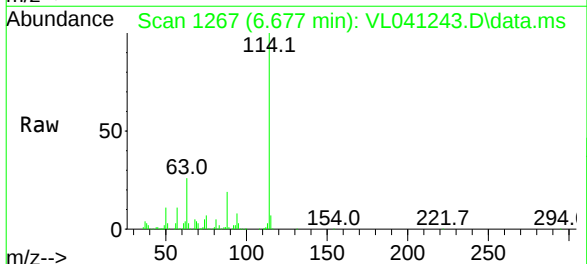
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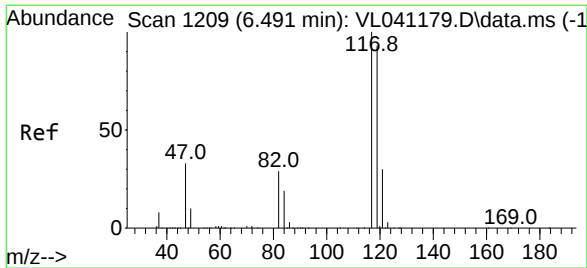
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.677 min Scan# 1267
Delta R.T. 0.003 min
Lab File: VL041243.D
Acq: 8 May 2024 14:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.9	21.8	32.6
88	18.0	15.2	22.8





#35

Carbon Tetrachloride

Concen: 0.032 ppbv m

RT: 6.520 min Scan# 12

Delta R.T. 0.006 min

Lab File: VL041243.D

Acq: 8 May 2024 14:30

Instrument :

MSVOA_L

ClientSampleId :

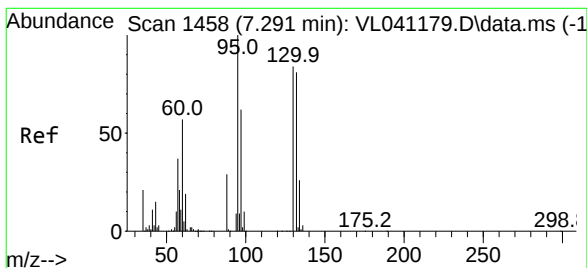
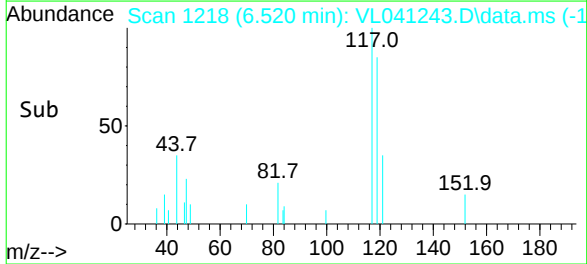
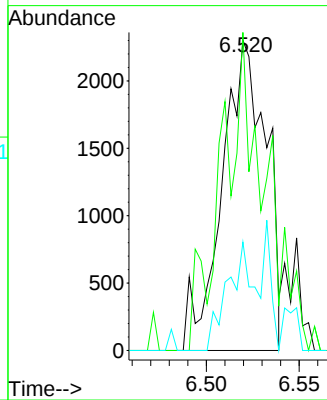
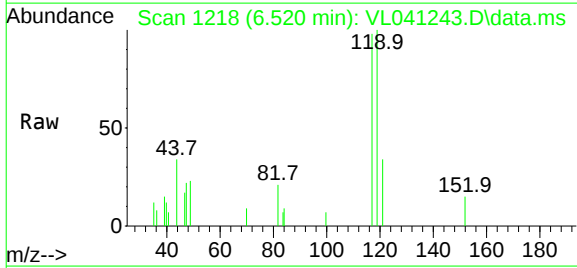
LOQ-AIR-02-QT2-2024

Tgt Ion:	117	Resp:	3805
Ion	Ratio	Lower	Upper
117	100		
119	102.6	74.3	111.5
121	34.9	23.8	35.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#38

Trichloroethene

Concen: 0.031 ppbv m

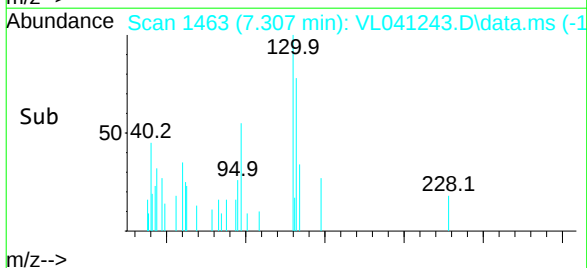
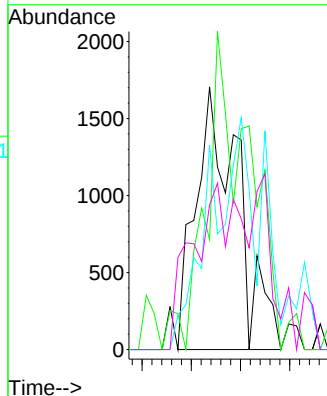
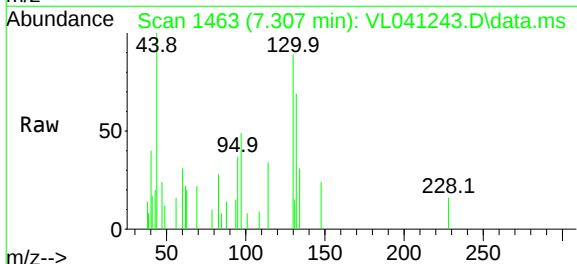
RT: 7.307 min Scan# 1463

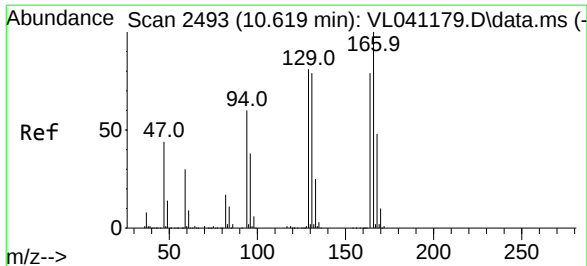
Delta R.T. -0.003 min

Lab File: VL041243.D

Acq: 8 May 2024 14:30

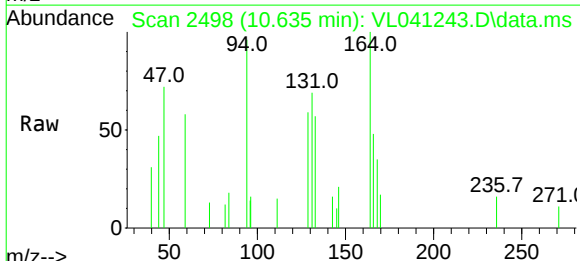
Tgt Ion:	130	Resp:	2065
Ion	Ratio	Lower	Upper
130	100		
95	41.9	95.0	142.6#
132	77.8	77.0	115.4
97	55.1	59.1	88.7#





#52
Tetrachloroethene
Concen: 0.041 ppbv m
RT: 10.635 min Scan# 2493
Delta R.T. -0.000 min
Lab File: VL041243.D
Acq: 8 May 2024 14:30

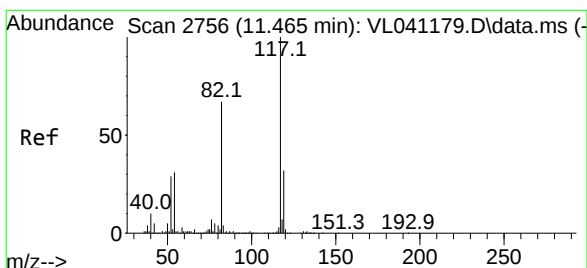
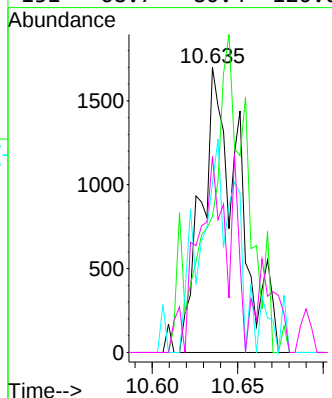
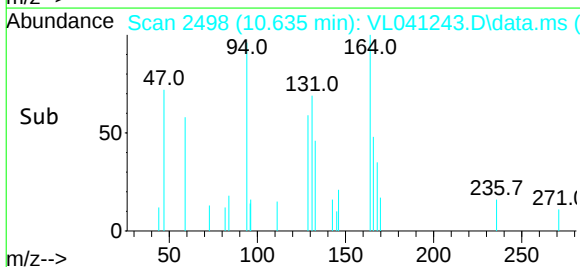
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



Tgt Ion	Ratio	Lower	Upper
164	100		
166	47.8	101.1	151.7#
129	59.4	81.7	122.5#
131	68.7	80.4	120.6#

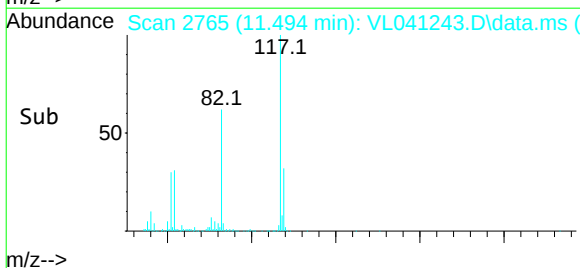
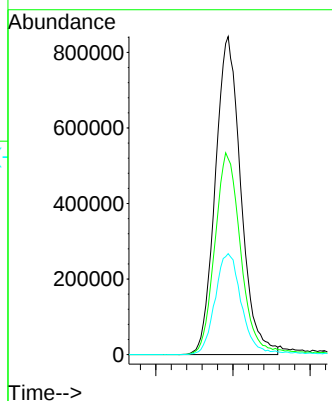
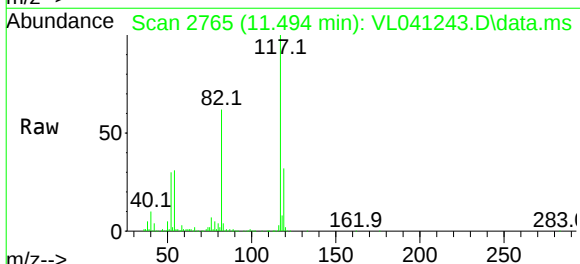
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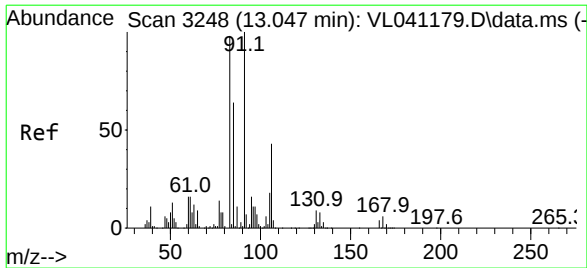
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. 0.006 min
Lab File: VL041243.D
Acq: 8 May 2024 14:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.0	53.6	80.4
119	33.7	27.2	40.8





#63

1,1,2,2-Tetrachloroethane

Concen: 0.030 ppbv m

RT: 13.076 min Scan# 32

Delta R.T. 0.010 min

Lab File: VL041243.D

Acq: 8 May 2024 14:30

Instrument :

MSVOA_L

ClientSampleId :

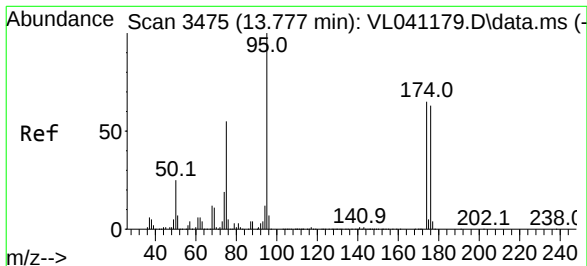
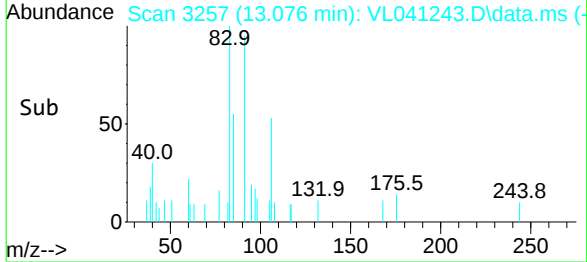
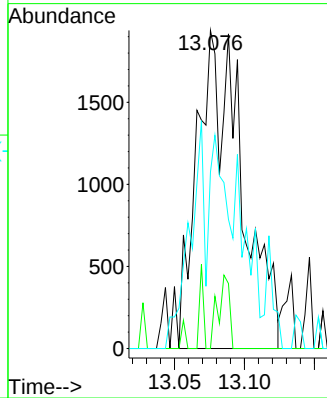
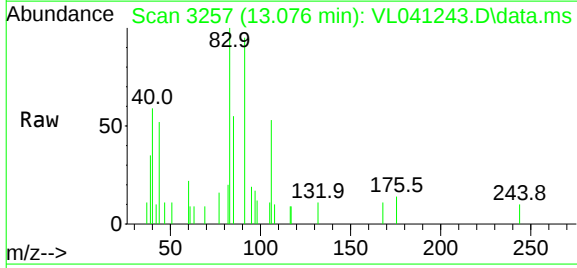
LOQ-AIR-02-QT2-2024

Tgt	Ion: 83	Resp: 4288
Ion	Ratio	Lower Upper
83	100	
131	0.0	4.5 13.5#
85	0.0	32.7 98.1#

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 9.961 ppbv

RT: 13.802 min Scan# 3483

Delta R.T. 0.006 min

Lab File: VL041243.D

Acq: 8 May 2024 14:30

Tgt	Ion: 95	Resp: 1458796
Ion	Ratio	Lower Upper
95	100	
174	67.6	53.6 80.4
175	4.9	4.2 6.4

