

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041242.D
 Acq On : 8 May 2024 13:51
 Operator : SY/MD
 Sample : P2403-13 LOD 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2024

Quant Time: May 09 05:33:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	813227	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	2157991	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.490	117	1941224	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1482646	10.117	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%
Target Compounds						
						Qvalue
32) 1,1,1-Trichloroethane	6.028	97	4582m	0.039	ppbv	
35) Carbon Tetrachloride	6.513	117	3861m	0.032	ppbv	
38) Trichloroethene	7.304	130	2574m	0.038	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.079	83	5443m	0.038	ppbv	

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

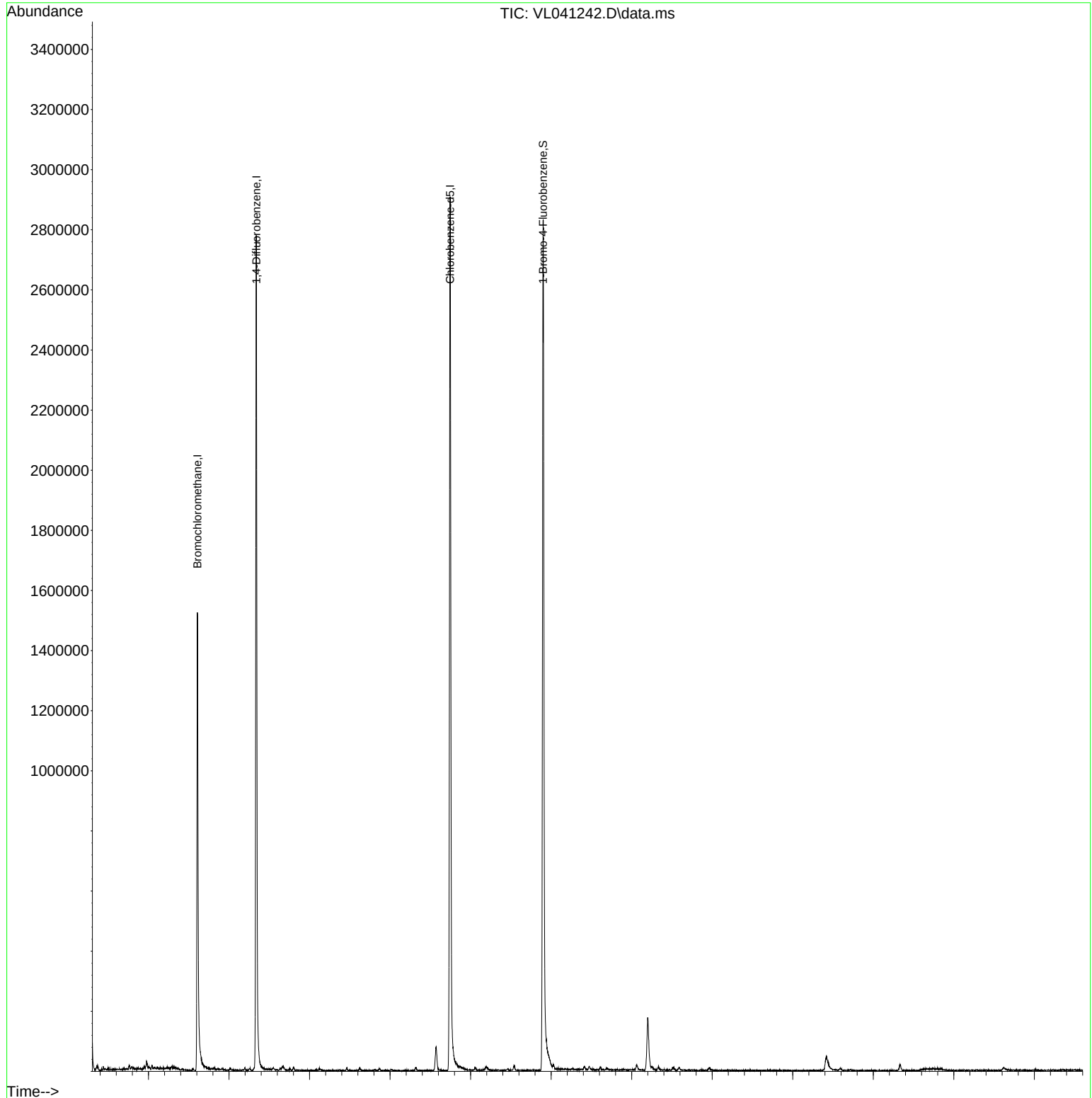
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
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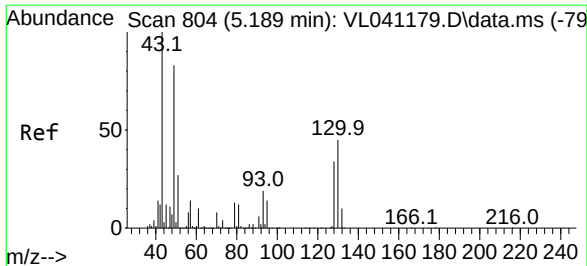
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
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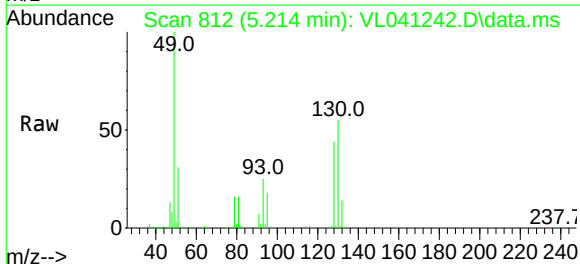
Reviewed By : Semsettin Yesilyurt 05/09/2024
Supervised By : Mahesh Dadoda 05/09/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

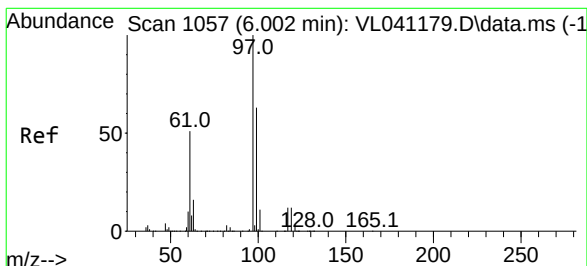
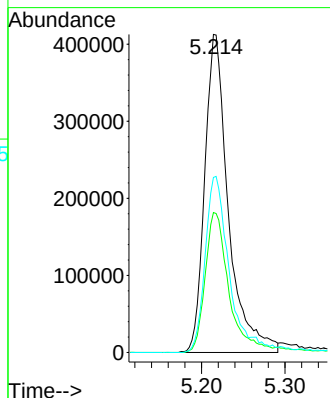
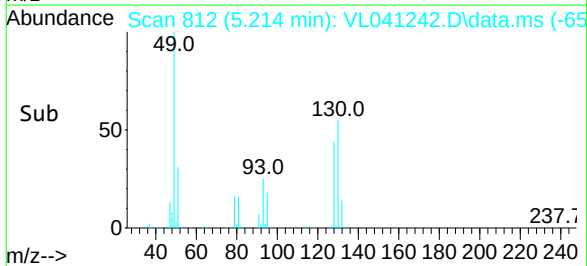
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 49 Resp: 813227
Ion Ratio Lower Upper
49 100
128 46.2 21.5 64.5
130 58.8 27.2 81.6

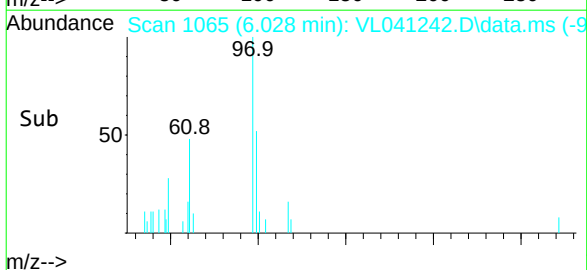
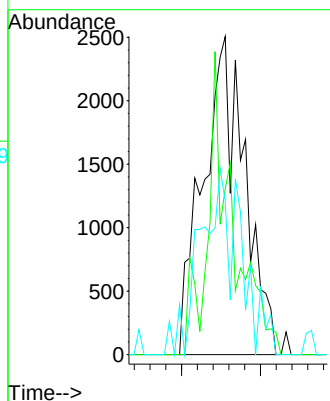
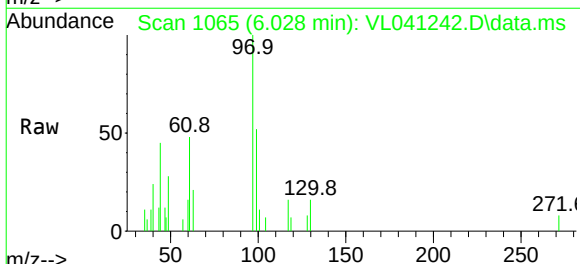
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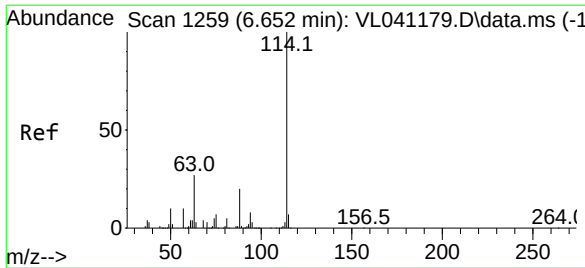
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#32
1,1,1-Trichloroethane
Concen: 0.039 ppbv m
RT: 6.028 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

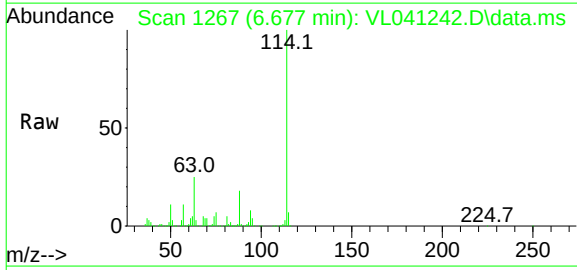
Tgt Ion: 97 Resp: 4582
Ion Ratio Lower Upper
97 100
99 57.0 51.7 77.5
61 57.4 41.1 61.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.677 min Scan# 1216
Delta R.T. 0.003 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

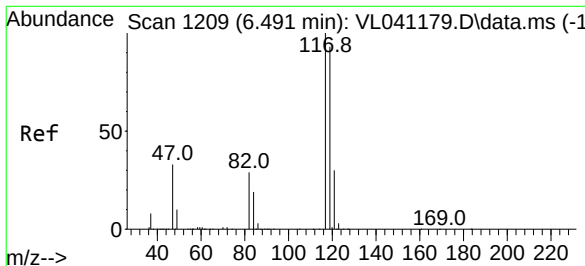
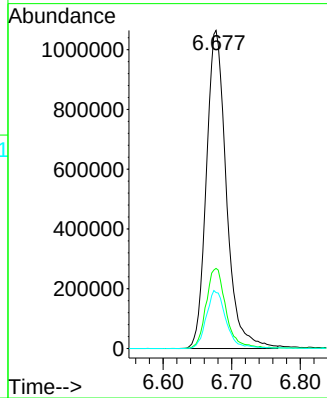
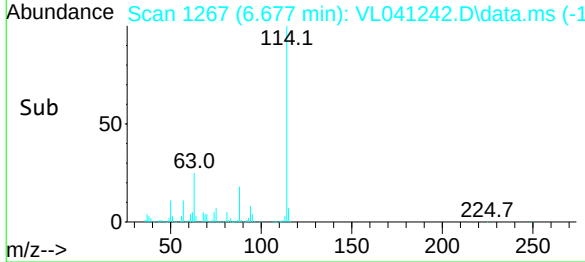
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



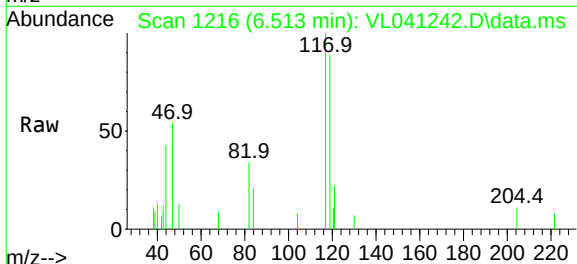
Tgt Ion:114 Resp: 2157991
Ion Ratio Lower Upper
114 100
63 25.3 21.8 32.6
88 18.1 15.2 22.8

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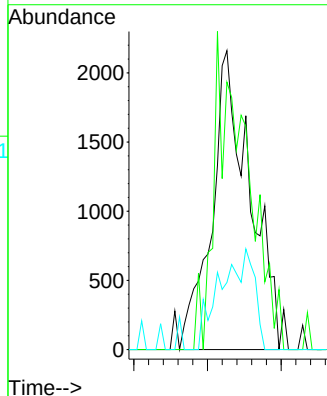
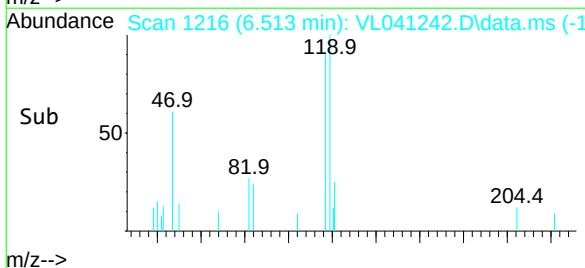
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

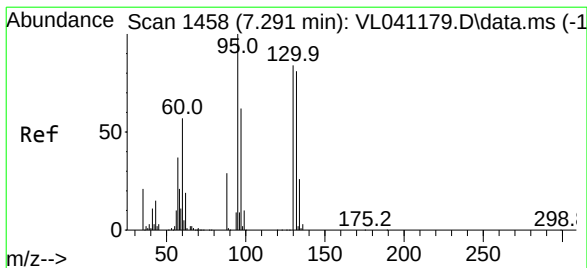


#35
Carbon Tetrachloride
Concen: 0.032 ppbv m
RT: 6.513 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51



Tgt Ion:117 Resp: 3861
Ion Ratio Lower Upper
117 100
119 89.4 74.3 111.5
121 22.4 23.8 35.8#





#38

Trichloroethene

Concen: 0.038 ppbv

RT: 7.304 min Scan# 1458

Delta R.T. -0.007 min

Lab File: VL041242.D

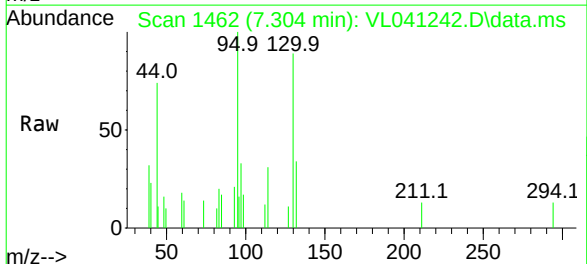
Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

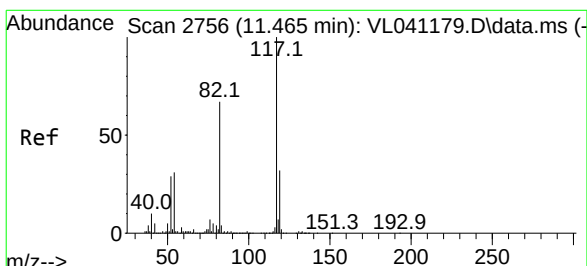
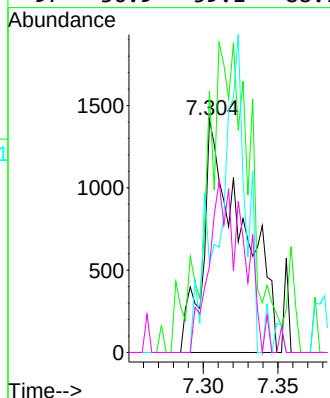
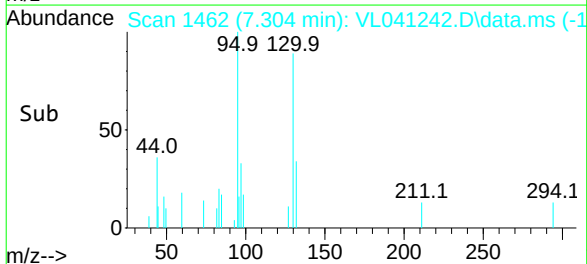
LOD-MDL-AIR-01-QT2-2024



Tgt Ion	Ratio	Lower	Upper
130	100		
95	112.1	95.0	142.6
132	38.4	77.0	115.4#
97	36.9	59.1	88.7#

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

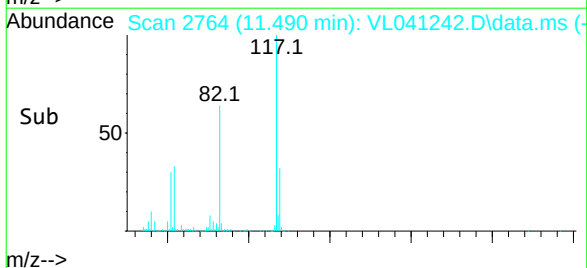
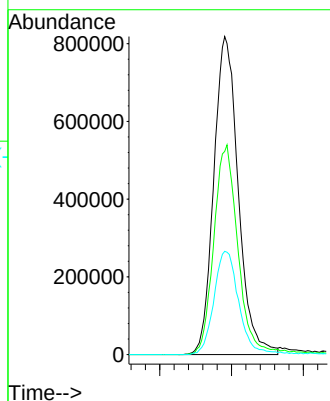
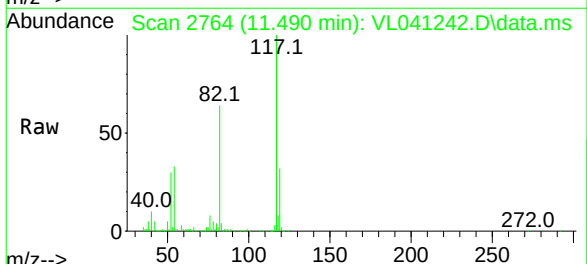
RT: 11.490 min Scan# 2764

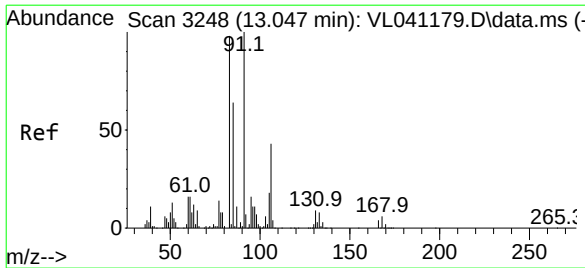
Delta R.T. 0.003 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

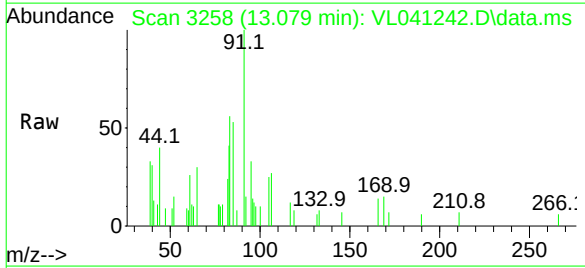
Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.5	53.6	80.4
119	33.2	27.2	40.8





#63
1,1,2,2-Tetrachloroethane
Concen: 0.038 ppbv m
RT: 13.079 min Scan# 3248
Delta R.T. 0.013 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

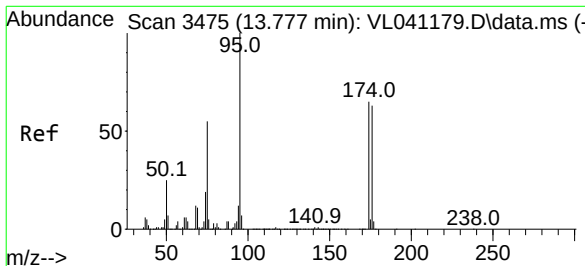
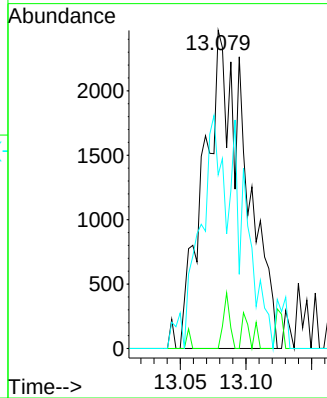
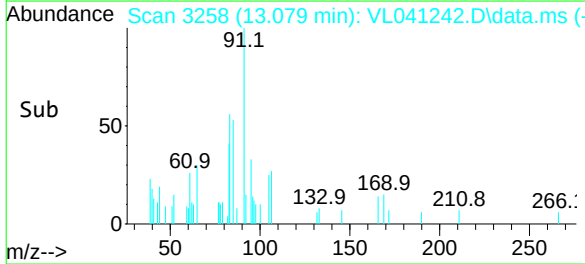
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 83 Resp: 5443
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5#
85 0.0 32.7 98.1#

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Supervised By :Mahesh Dadoda 05/09/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.117 ppbv
RT: 13.799 min Scan# 3482
Delta R.T. 0.003 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

Tgt Ion: 95 Resp: 1482646
Ion Ratio Lower Upper
95 100
174 65.9 53.6 80.4
175 4.7 4.2 6.4

