

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
 Data File : VL041973.D
 Acq On : 03 Feb 2025 22:13
 Operator : SY/MD
 Sample : Q1168-14 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2025

Quant Time: Feb 04 08:43:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/04/2025
 Supervised By : Mahesh Dadoda 02/04/2025

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

Internal Standards						
1) Bromochloromethane	2.797	49	143192	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	367653	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	311988	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	231101	9.405	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.000%
Target Compounds						
						Qvalue
5) Vinyl Chloride	1.586	62	275	0.037	ppbv	91
32) 1,1,1-Trichloroethane	3.382	97	876m	0.032	ppbv	
38) Trichloroethene	4.567	130	405m	0.030	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.982	83	965m	0.039	ppbv	

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

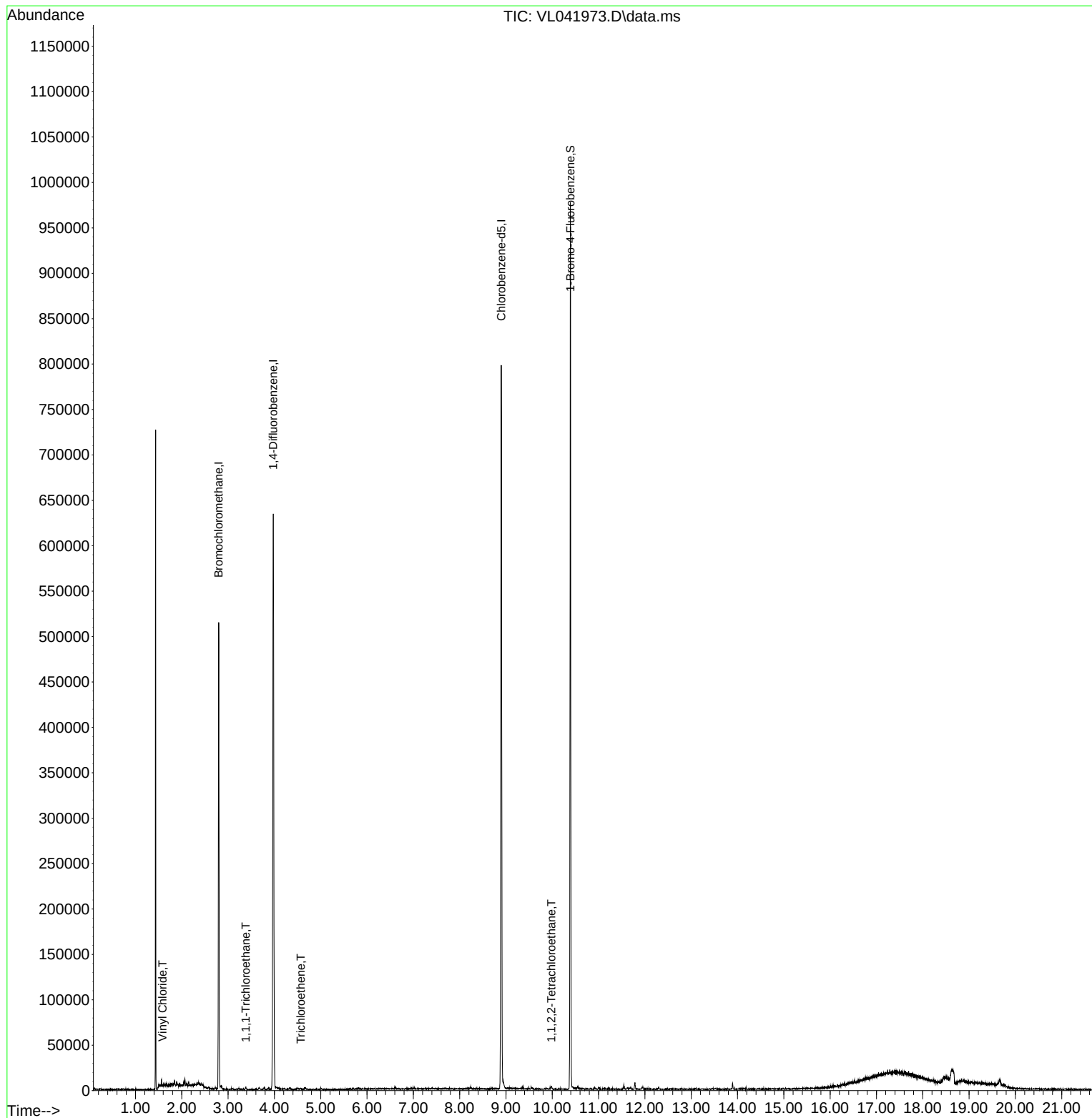
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
Data File : VL041973.D
Acq On : 03 Feb 2025 22:13
Operator : SY/MD
Sample : Q1168-14 0.03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

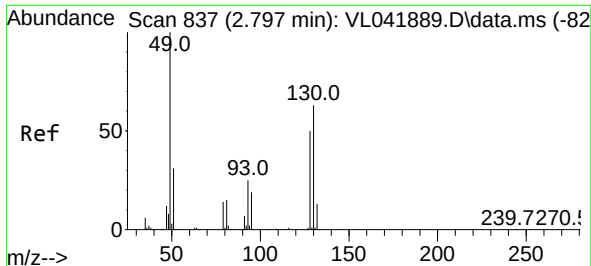
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2025

Quant Time: Feb 04 08:43:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

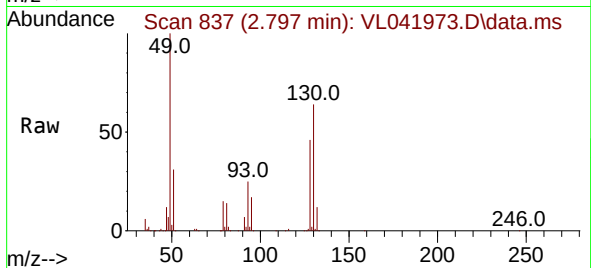
Reviewed By : Semsettin Yesilyurt 02/04/2025
Supervised By : Mahesh Dadoda 02/04/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041973.D
Acq: 03 Feb 2025 22:13

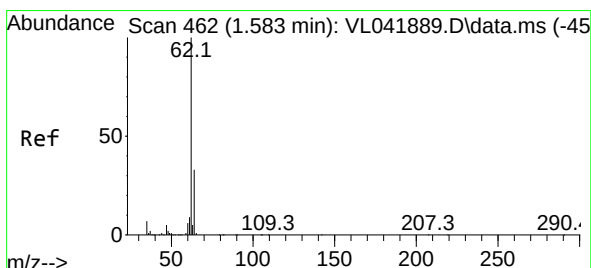
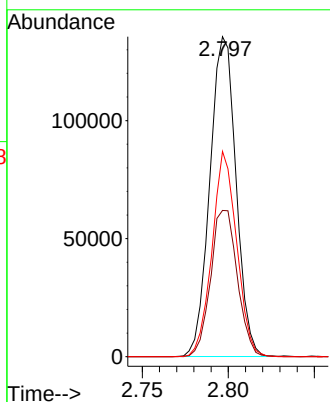
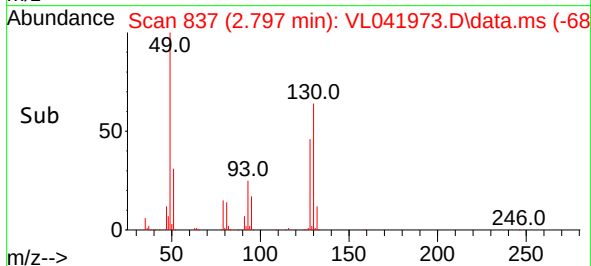
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2025



Tgt Ion: 49 Resp: 143192
Ion Ratio Lower Upper
49 100
128 46.8 24.3 73.0
130 60.4 31.1 93.2

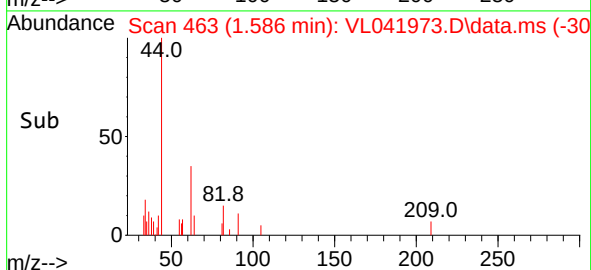
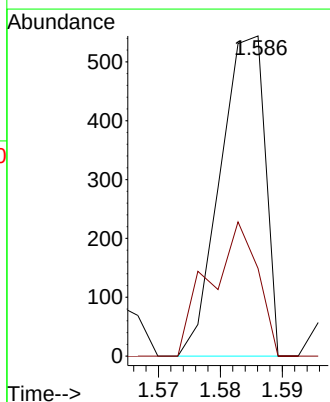
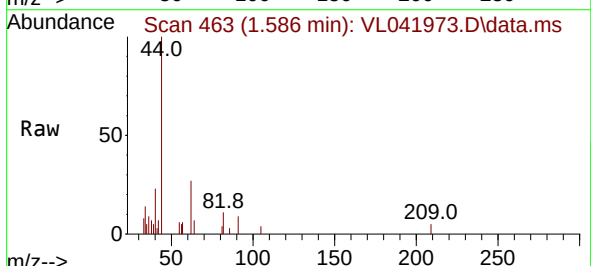
Manual Integrations
APPROVED

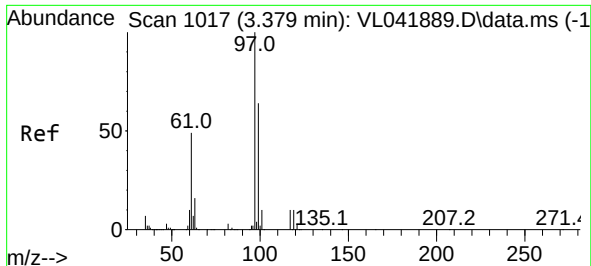
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#5
Vinyl Chloride
Concen: 0.037 ppbv
RT: 1.586 min Scan# 463
Delta R.T. 0.003 min
Lab File: VL041973.D
Acq: 03 Feb 2025 22:13

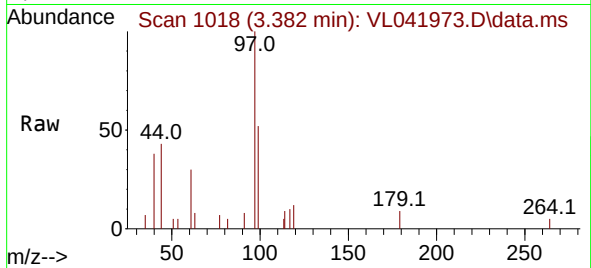
Tgt Ion: 62 Resp: 275
Ion Ratio Lower Upper
62 100
64 27.4 26.1 39.1





#32
1,1,1-Trichloroethane
Concen: 0.032 ppbv m
RT: 3.382 min Scan# 1018
Delta R.T. 0.003 min
Lab File: VL041973.D
Acq: 03 Feb 2025 22:13

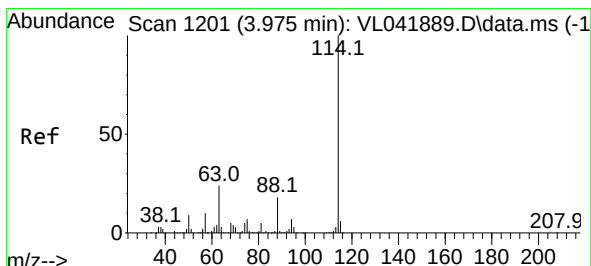
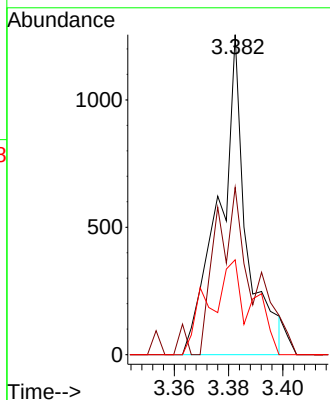
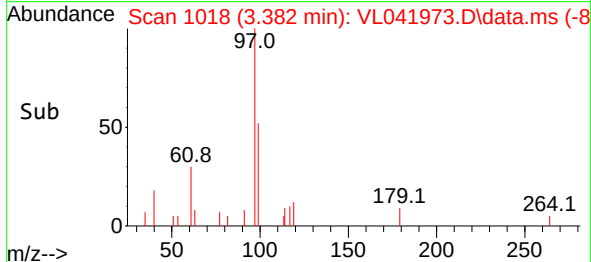
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2025



Tgt Ion: 97 Resp: 870
Ion Ratio Lower Upper
97 100
99 75.8 51.1 76.7
61 45.9 39.0 58.6

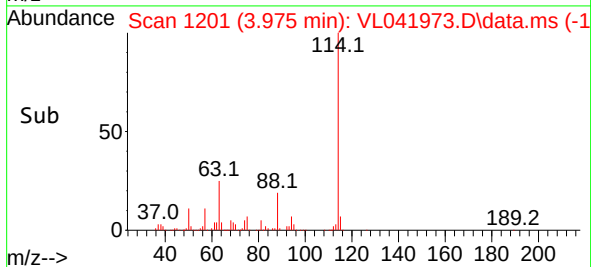
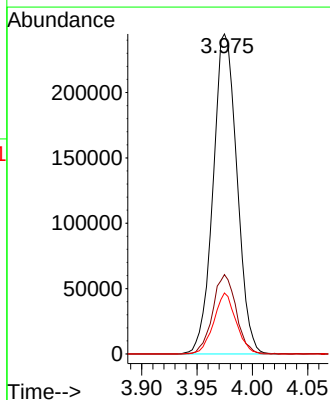
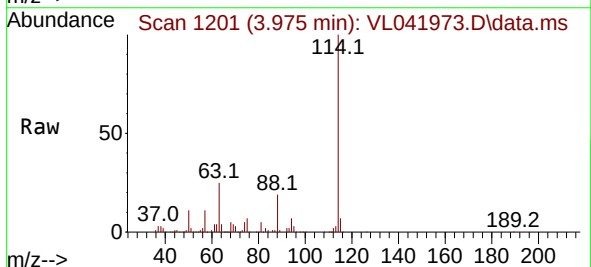
Manual Integrations
APPROVED

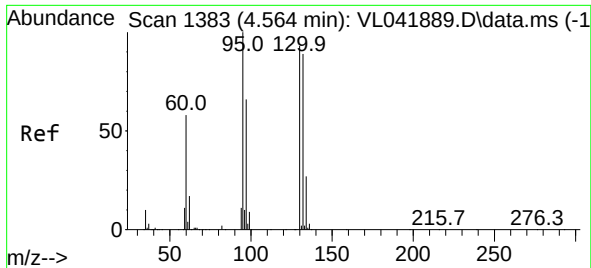
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. -0.000 min
Lab File: VL041973.D
Acq: 03 Feb 2025 22:13

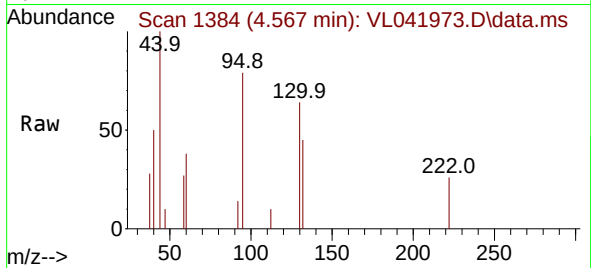
Tgt Ion:114 Resp: 367653
Ion Ratio Lower Upper
114 100
63 24.4 19.8 29.6
88 17.8 14.4 21.6





#38
Trichloroethene
Concen: 0.030 ppbv m
RT: 4.567 min Scan# 1384
Delta R.T. 0.003 min
Lab File: VL041973.D
Acq: 03 Feb 2025 22:13

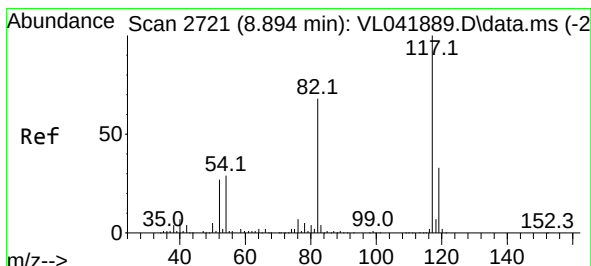
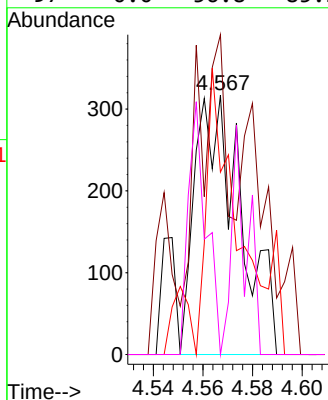
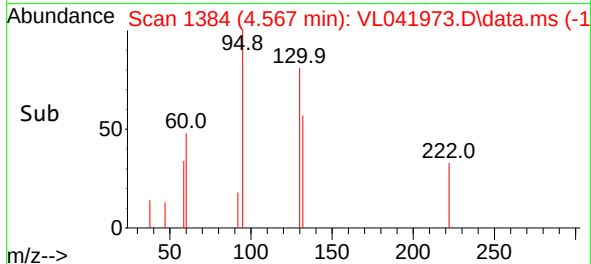
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2025



Tgt Ion:130 Resp: 409
Ion Ratio Lower Upper
130 100
95 123.3 85.8 128.8
132 70.3 76.5 114.7
97 0.0 56.8 85.2#

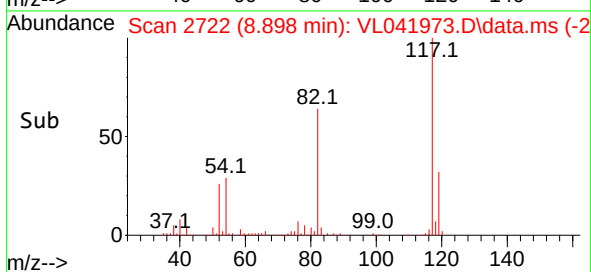
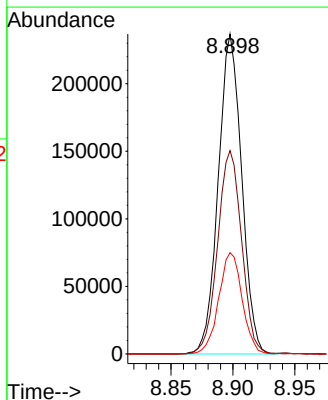
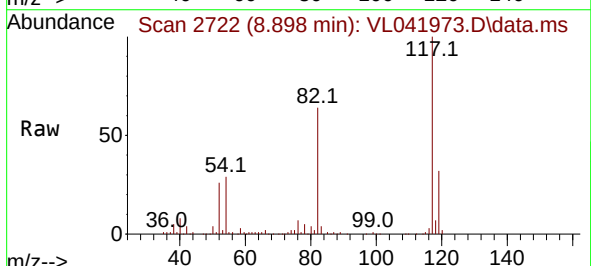
Manual Integrations
APPROVED

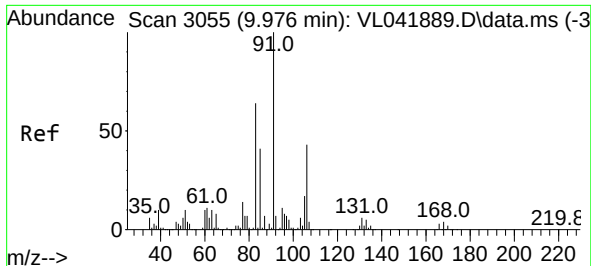
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. 0.003 min
Lab File: VL041973.D
Acq: 03 Feb 2025 22:13

Tgt Ion:117 Resp: 311988
Ion Ratio Lower Upper
117 100
82 65.0 54.2 81.4
119 31.9 25.0 37.6





#63

1,1,2,2-Tetrachloroethane

Concen: 0.039 ppbv m

RT: 9.982 min Scan# 3055

Delta R.T. 0.006 min

Lab File: VL041973.D

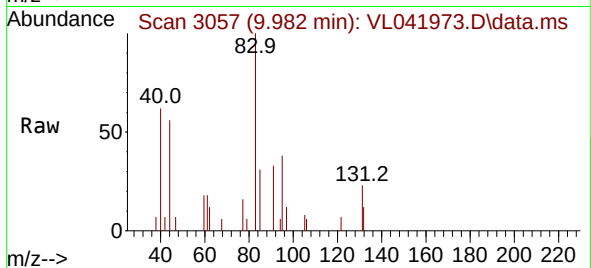
Acq: 03 Feb 2025 22:13

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2025

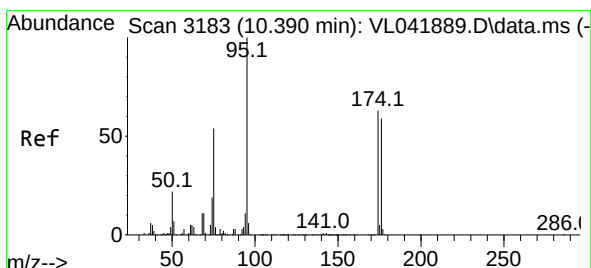
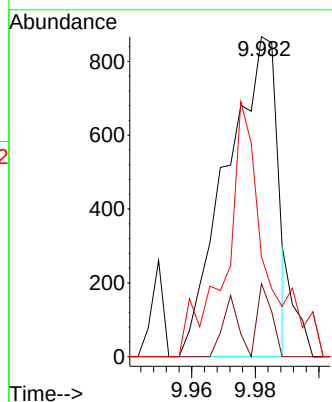
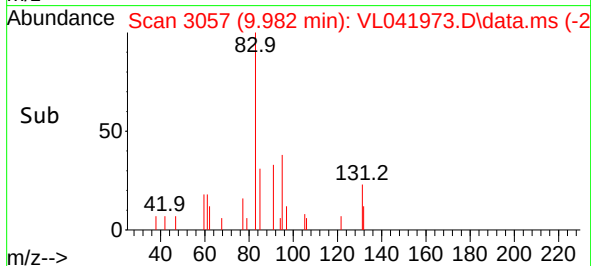


Tgt Ion:	83	Resp:	96
Ion Ratio	Lower	Upper	
83	100		
131	12.3	4.8	14.4
85	62.4	32.4	97.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#68

1-Bromo-4-Fluorobenzene

Concen: 9.405 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. -0.000 min

Lab File: VL041973.D

Acq: 03 Feb 2025 22:13

Tgt Ion:	95	Resp:	231101
Ion Ratio	Lower	Upper	
95	100		
174	60.8	49.0	73.4
175	4.6	3.8	5.8

