

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041937.D
 Acq On : 21 Jan 2025 01:01
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025

Quant Time: Jan 21 05:10:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.774	49	129628	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.939	114	355763	10.000	ppbv	-0.04
55) Chlorobenzene-d5	8.862	117	307216	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.361	95	235931	9.750	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%
Target Compounds						
						Qvalue
35) Carbon Tetrachloride	3.742	117	675m	0.030	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.946	83	963m	0.039	ppbv	

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

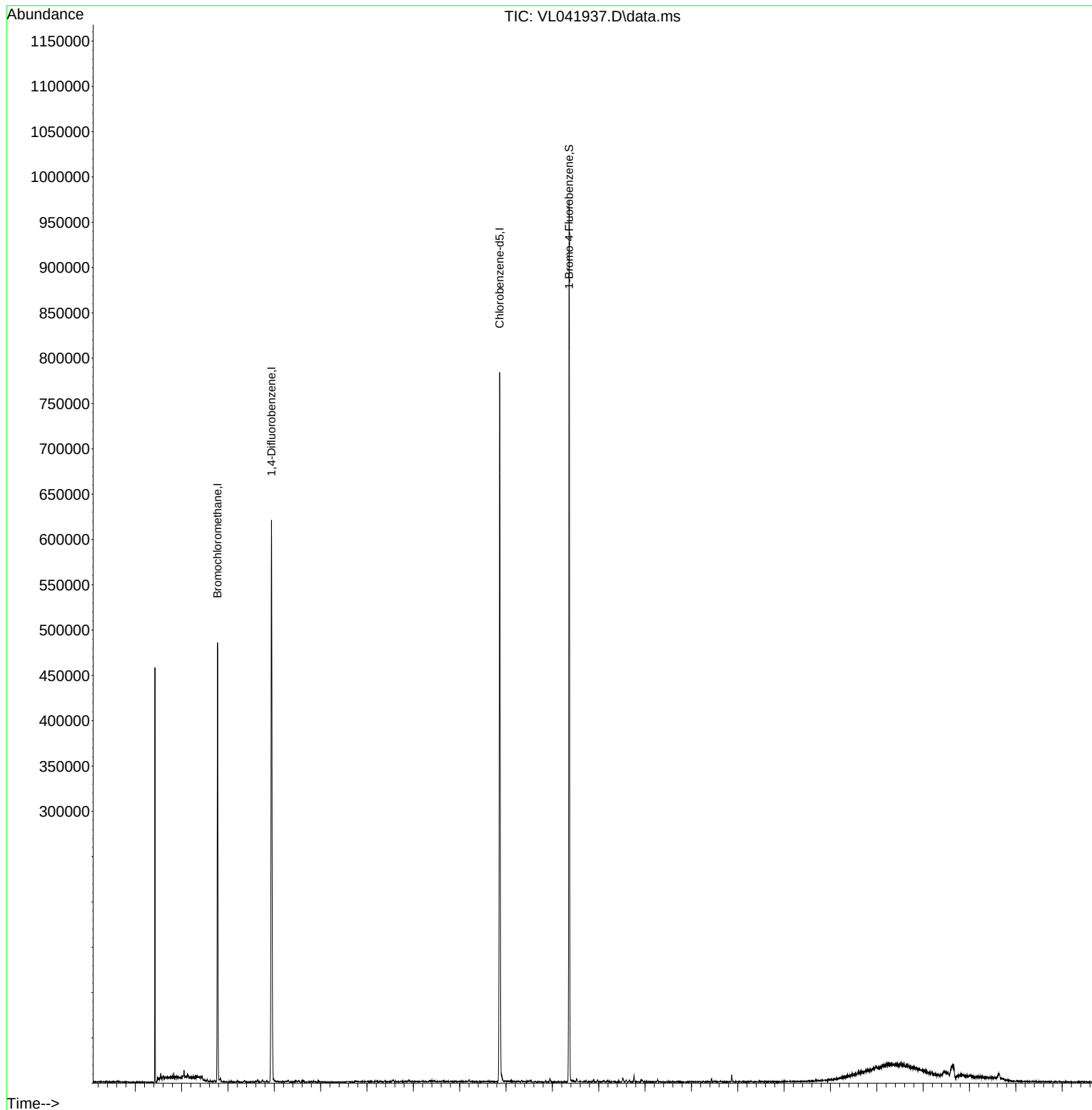
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
Data File : VL041937.D
Acq On : 21 Jan 2025 01:01
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Misc : 400mL/MSVOA_L
ALS Vial : 13 Sample Multiplier: 1

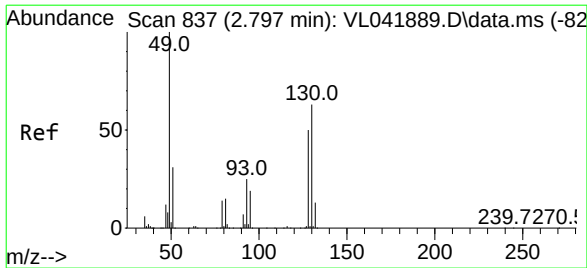
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Quant Time: Jan 21 05:10:37 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

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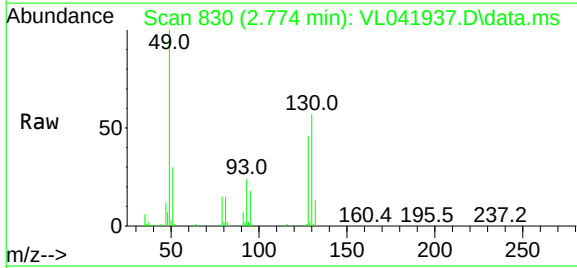
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.774 min Scan# 83
Delta R.T. -0.023 min
Lab File: VL041937.D
Acq: 21 Jan 2025 01:01

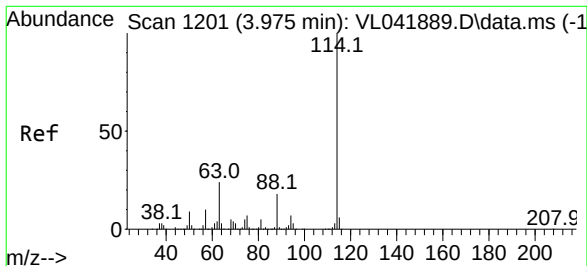
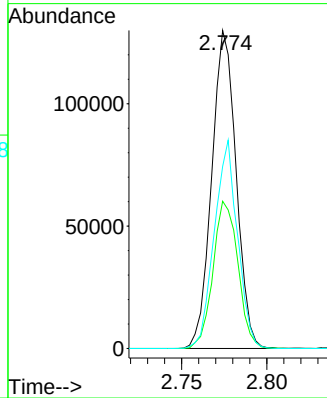
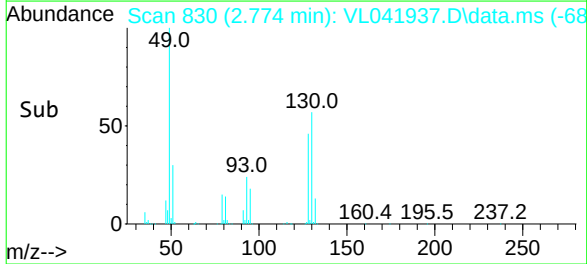
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



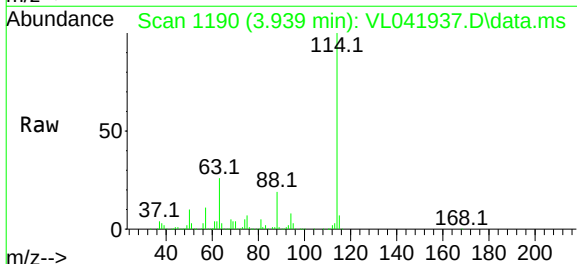
Tgt Ion: 49 Resp: 129628
Ion Ratio Lower Upper
49 100
128 47.3 24.3 73.0
130 62.4 31.1 93.2

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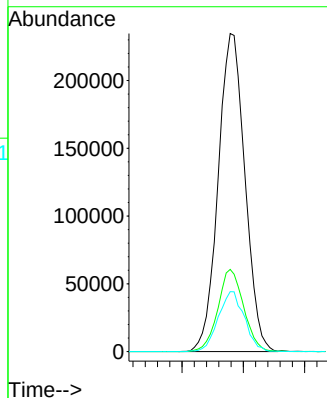
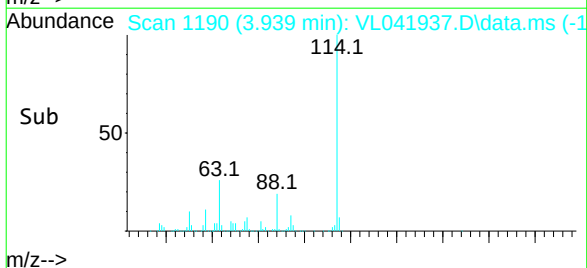
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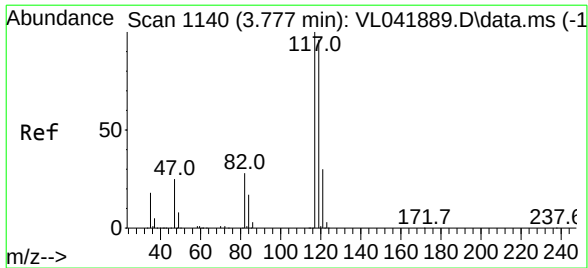


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.939 min Scan# 1190
Delta R.T. -0.036 min
Lab File: VL041937.D
Acq: 21 Jan 2025 01:01



Tgt Ion:114 Resp: 355763
Ion Ratio Lower Upper
114 100
63 24.9 19.8 29.6
88 18.4 14.4 21.6





#35

Carbon Tetrachloride

Concen: 0.030 ppbv m

RT: 3.742 min Scan# 11

Delta R.T. -0.036 min

Lab File: VL041937.D

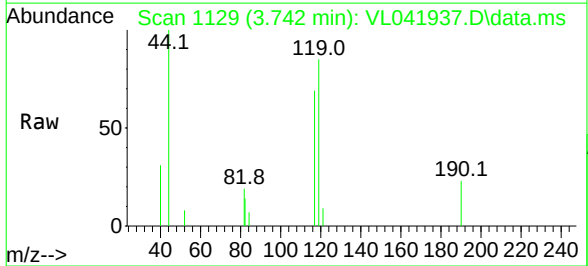
Acq: 21 Jan 2025 01:01

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

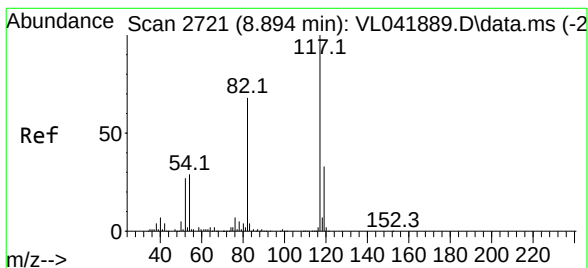
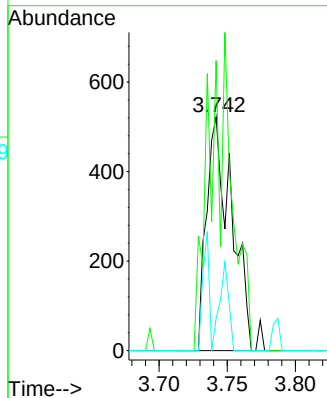
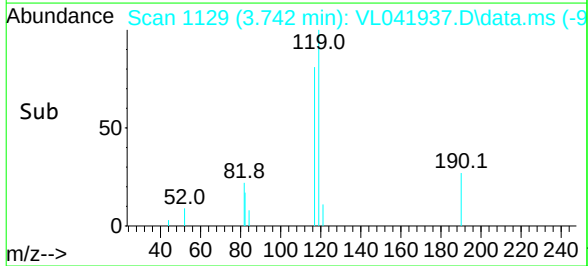


Tgt Ion	Ratio	Lower	Upper
117	100		
119	124.1	76.9	115.3
121	13.8	23.8	35.6

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

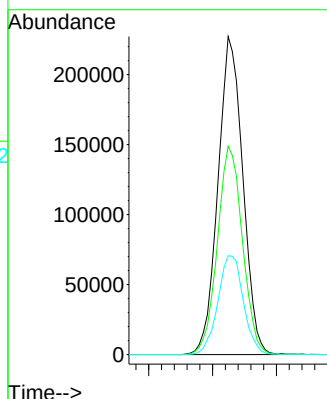
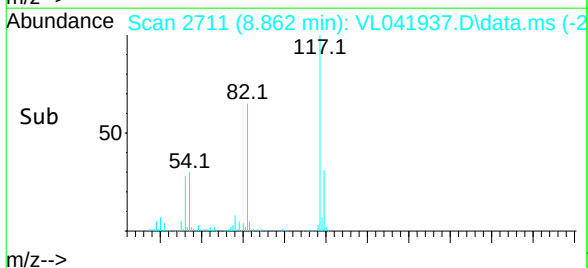
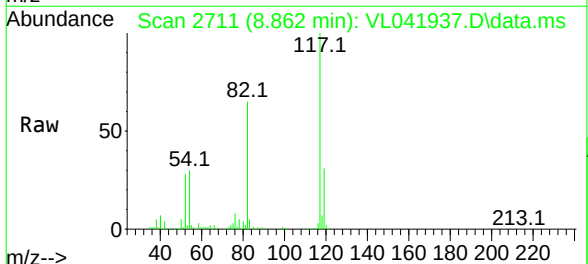
RT: 8.862 min Scan# 2711

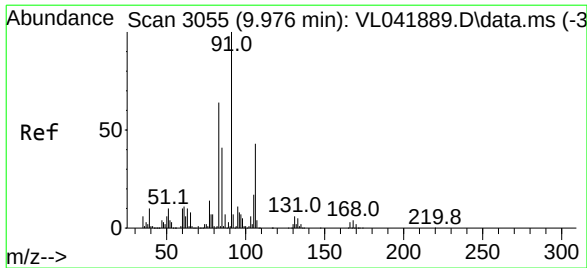
Delta R.T. -0.032 min

Lab File: VL041937.D

Acq: 21 Jan 2025 01:01

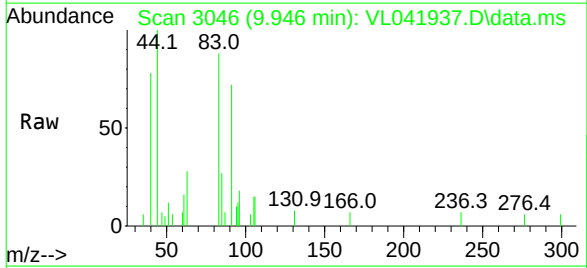
Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.1	54.2	81.4
119	32.1	25.0	37.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.039 ppbv m
RT: 9.946 min Scan# 3055
Delta R.T. -0.029 min
Lab File: VL041937.D
Acq: 21 Jan 2025 01:01

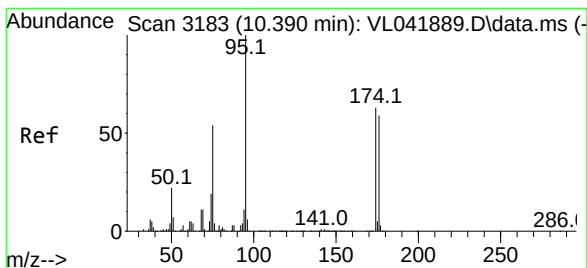
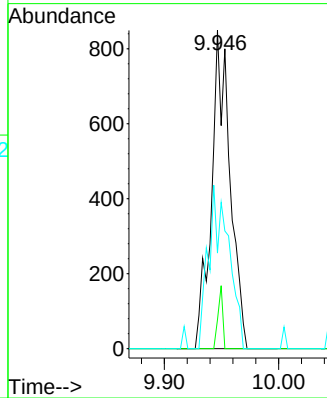
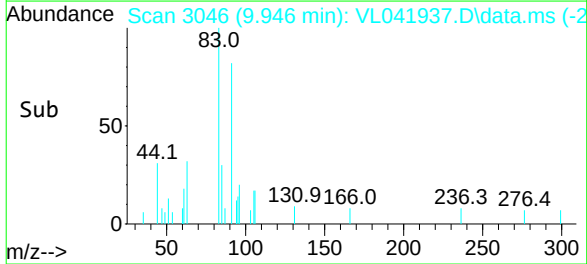
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 83 Resp: 963
Ion Ratio Lower Upper
83 100
131 5.0 4.8 14.4
85 56.9 32.4 97.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.750 ppbv
RT: 10.361 min Scan# 3174
Delta R.T. -0.029 min
Lab File: VL041937.D
Acq: 21 Jan 2025 01:01

Tgt Ion: 95 Resp: 235931
Ion Ratio Lower Upper
95 100
174 58.7 49.0 73.4
175 4.4 3.8 5.8

