

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060525\
 Data File : VL042620.D
 Acq On : 05 Jun 2025 13:45
 Operator : SY/MD
 Sample : Q2126-15 MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025

Quant Time: Jun 06 02:40:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	102633	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	258858	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	230818	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	175866	10.164	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.580	62	180	0.035	ppbv	# 73
32) 1,1,1-Trichloroethane	3.366	97	651m	0.032	ppbv	
35) Carbon Tetrachloride	3.768	117	634m	0.037	ppbv	
38) Trichloroethene	4.551	130	393m	0.036	ppbv	
52) Tetrachloroethene	8.221	164	311m	0.033	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.966	83	719m	0.037	ppbv	

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

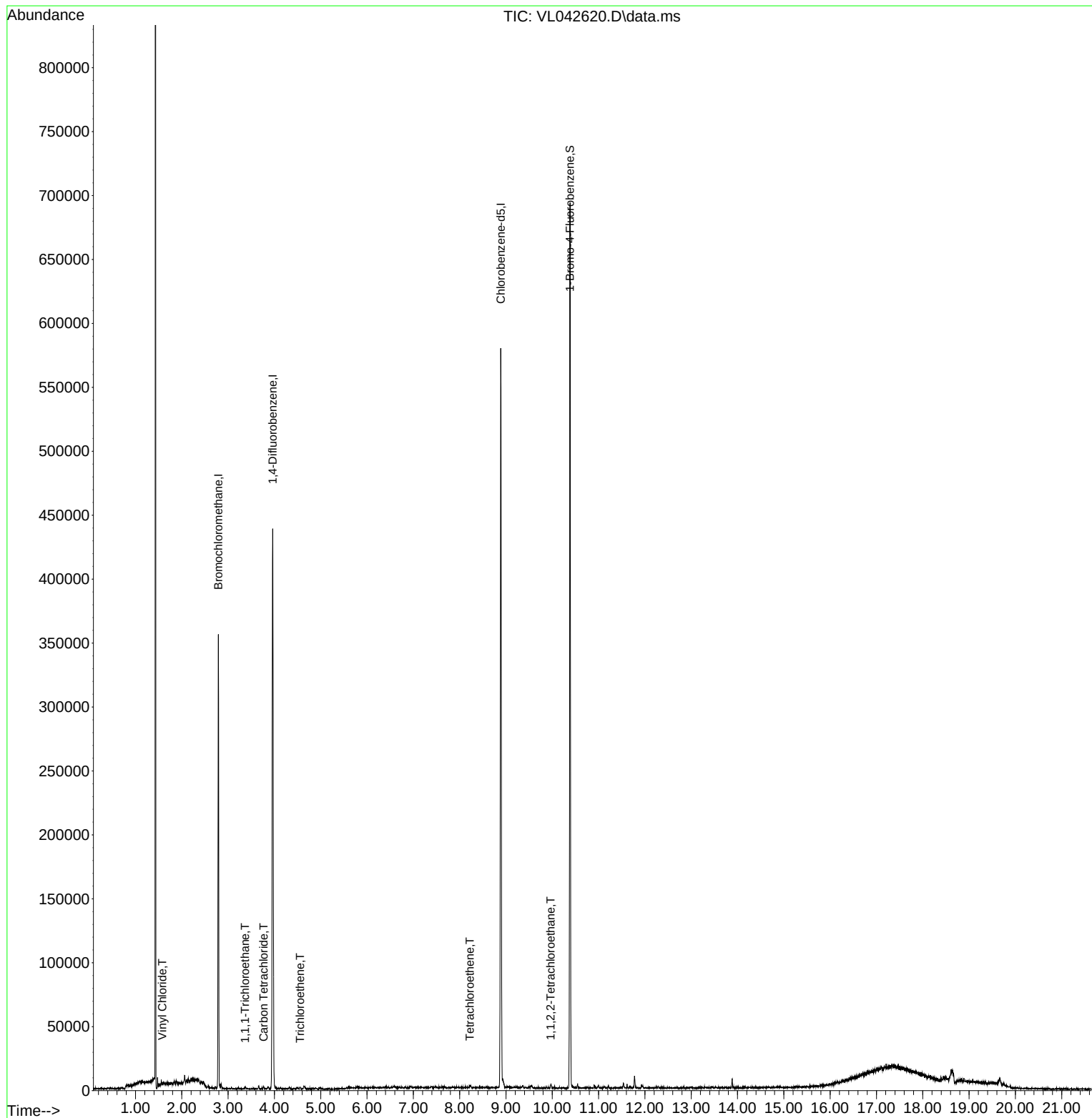
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060525\
Data File : VL042620.D
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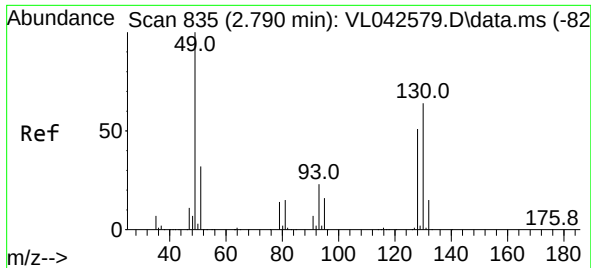
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

Quant Time: Jun 06 02:40:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
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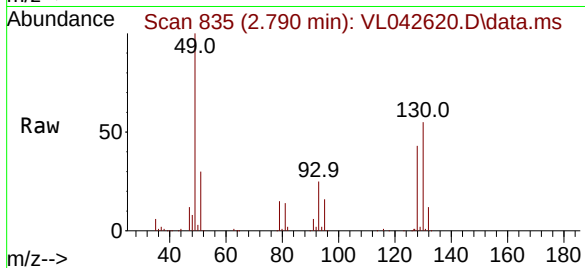
Reviewed By : Semsettin Yesilyurt 06/06/2025
Supervised By : Mahesh Dadoda 06/06/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042620.D
Acq: 05 Jun 2025 13:45

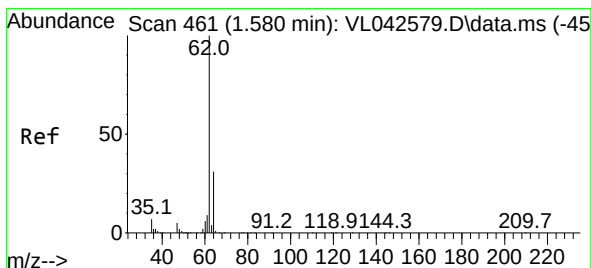
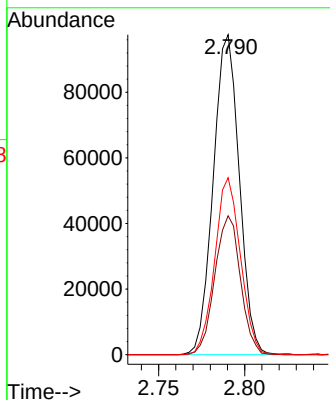
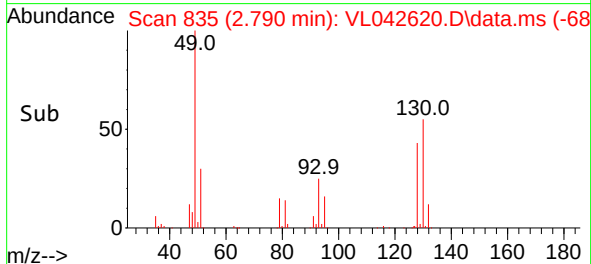
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



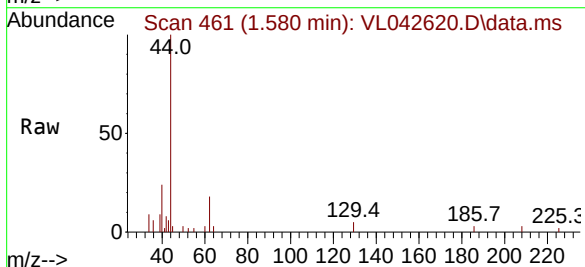
Tgt Ion: 49 Resp: 10263
Ion Ratio Lower Upper
49 100
128 42.8 24.2 72.6
130 54.6 30.4 91.2

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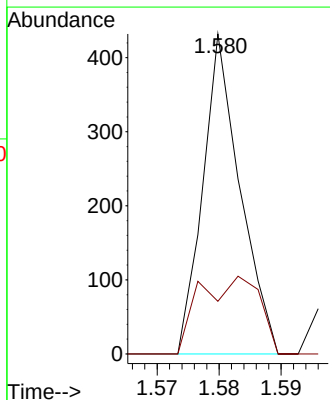
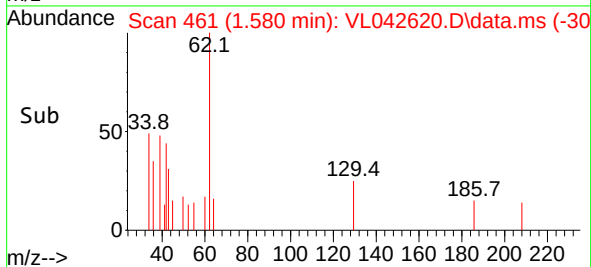
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Supervised By :Mahesh Dadoda 06/06/2025

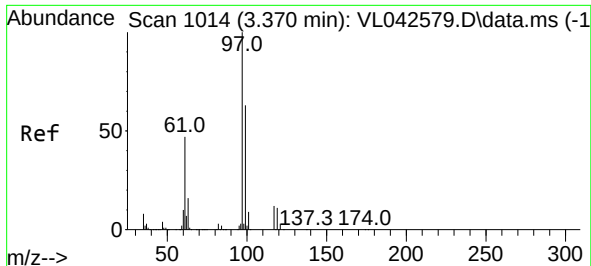


#5
Vinyl Chloride
Concen: 0.035 ppbv
RT: 1.580 min Scan# 461
Delta R.T. 0.000 min
Lab File: VL042620.D
Acq: 05 Jun 2025 13:45



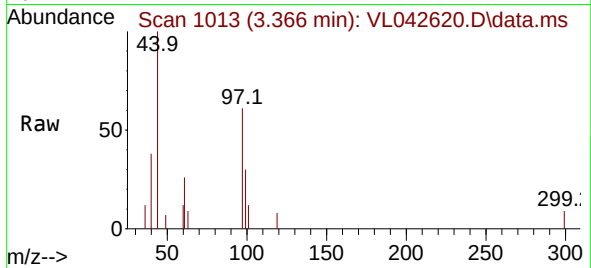
Tgt Ion: 62 Resp: 180
Ion Ratio Lower Upper
62 100
64 16.4 24.9 37.3#





#32
1,1,1-Trichloroethane
Concen: 0.032 ppbv m
RT: 3.366 min Scan# 1014
Delta R.T. -0.003 min
Lab File: VL042620.D
Acq: 05 Jun 2025 13:45

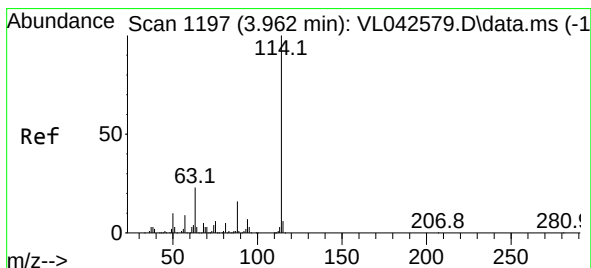
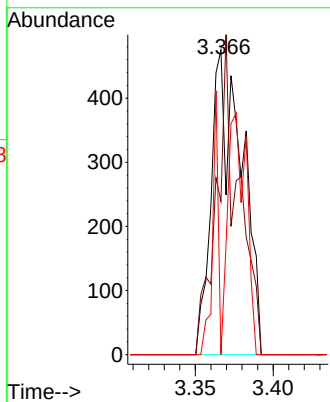
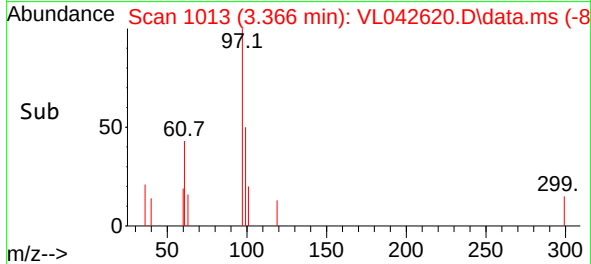
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



Tgt Ion: 97 Resp: 65
Ion Ratio Lower Upper
97 100
99 75.3 51.0 76.6
61 0.0 39.4 59.0

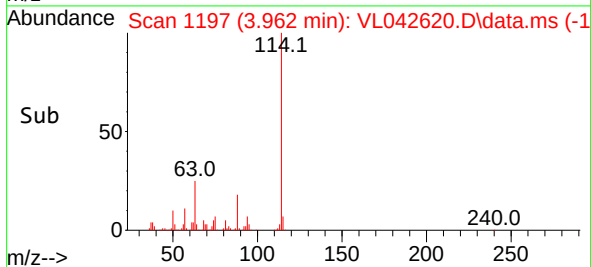
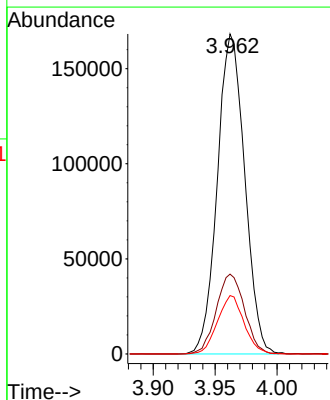
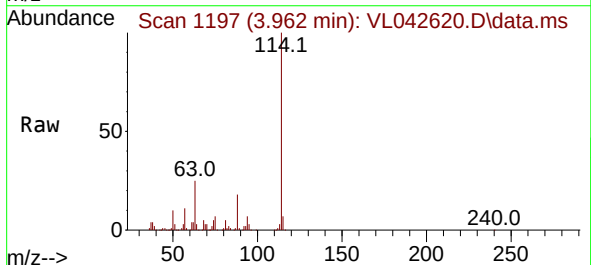
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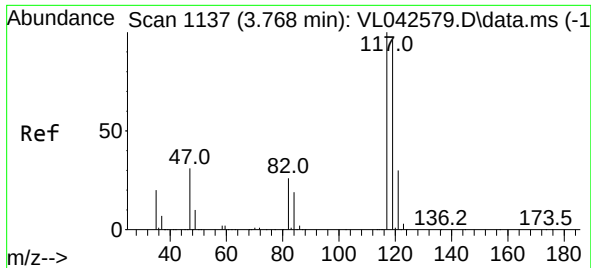
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.000 min
Lab File: VL042620.D
Acq: 05 Jun 2025 13:45

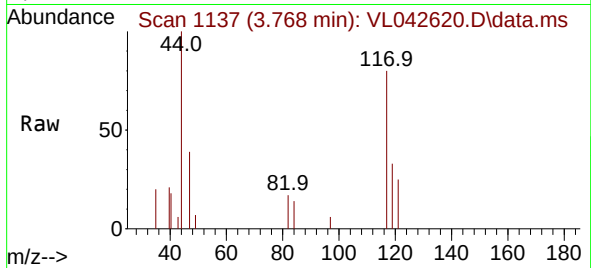
Tgt Ion:114 Resp: 258858
Ion Ratio Lower Upper
114 100
63 25.7 19.0 28.6
88 17.7 13.6 20.4





#35
Carbon Tetrachloride
Concen: 0.037 ppbv m
RT: 3.768 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VL042620.D
Acq: 05 Jun 2025 13:45

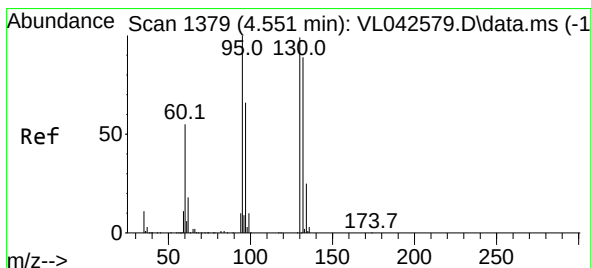
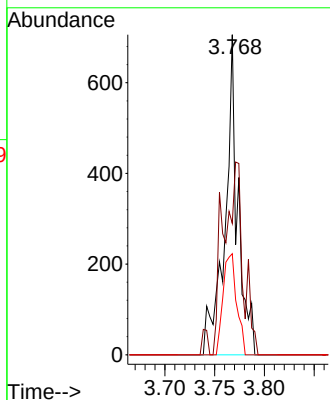
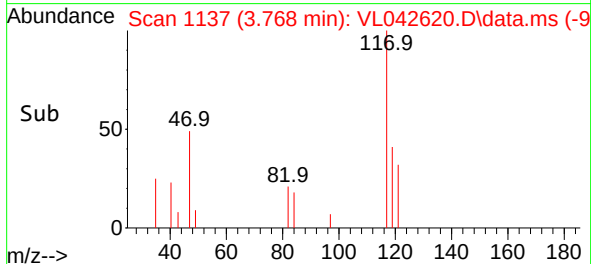
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2025



Tgt Ion:117 Resp: 634
Ion Ratio Lower Upper
117 100
119 41.1 76.8 115.2#
121 31.6 24.3 36.5

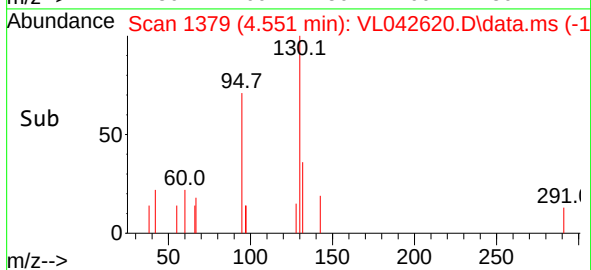
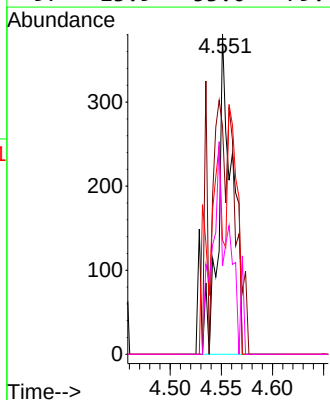
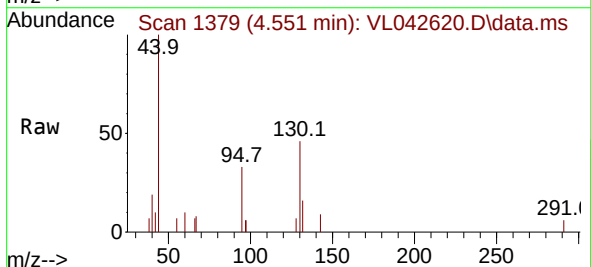
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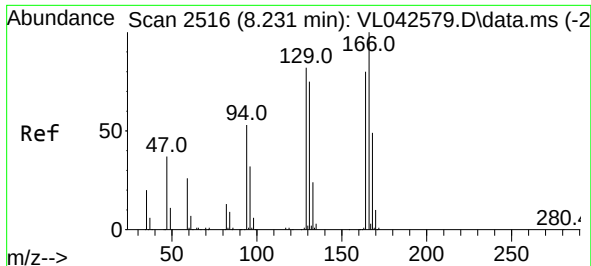
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#38
Trichloroethene
Concen: 0.036 ppbv m
RT: 4.551 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VL042620.D
Acq: 05 Jun 2025 13:45

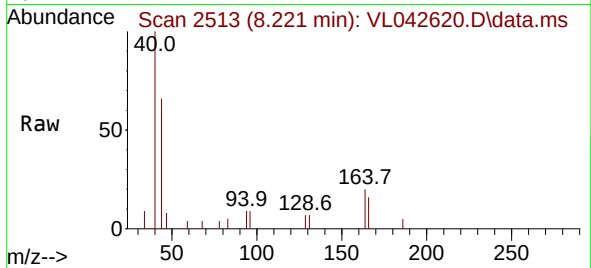
Tgt Ion:130 Resp: 393
Ion Ratio Lower Upper
130 100
95 71.1 80.6 121.0#
132 35.7 71.8 107.6#
97 13.9 53.0 79.4#





#52
Tetrachloroethene
Concen: 0.033 ppbv m
RT: 8.221 min Scan# 2516
Delta R.T. -0.010 min
Lab File: VL042620.D
Acq: 05 Jun 2025 13:45

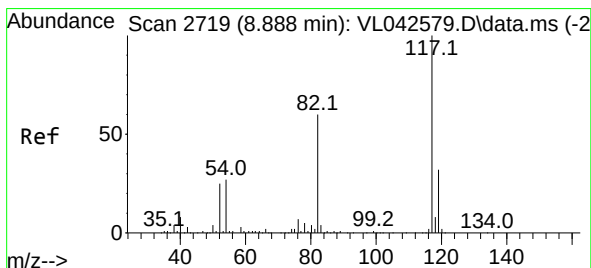
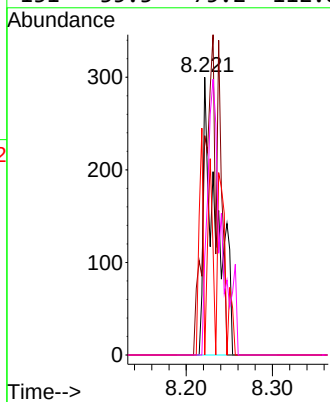
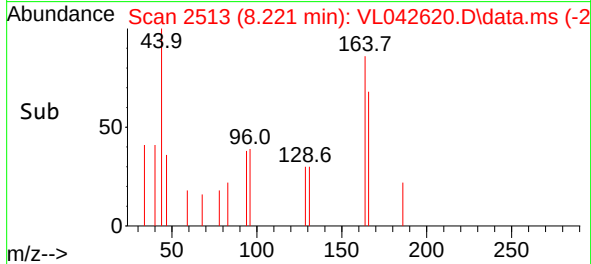
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2025



Tgt Ion:164 Resp: 311
Ion Ratio Lower Upper
164 100
166 79.0 100.0 150.0
129 0.0 82.2 123.4
131 35.3 75.2 112.8

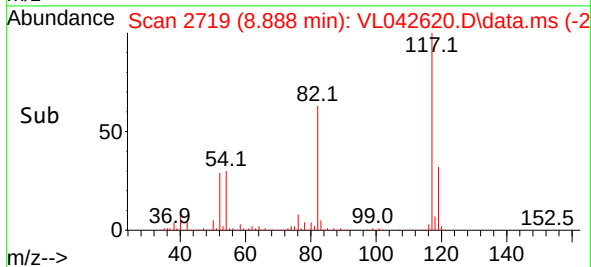
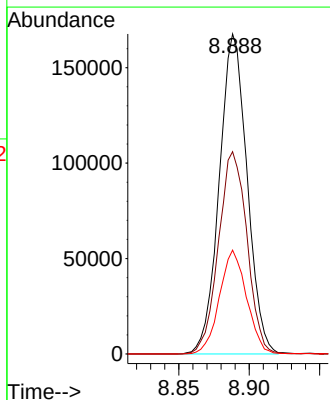
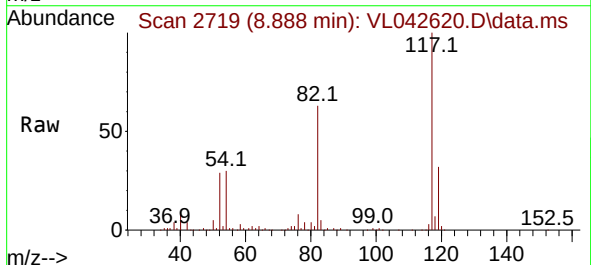
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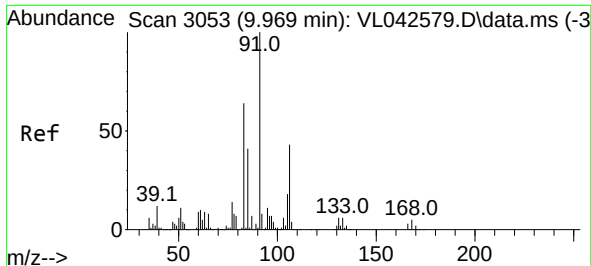
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.000 min
Lab File: VL042620.D
Acq: 05 Jun 2025 13:45

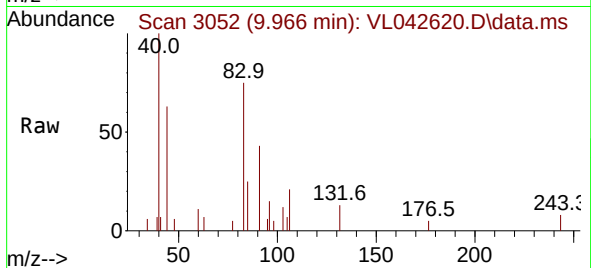
Tgt Ion:117 Resp: 230818
Ion Ratio Lower Upper
117 100
82 64.8 51.2 76.8
119 31.8 26.3 39.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.037 ppbv m
RT: 9.966 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VL042620.D
Acq: 05 Jun 2025 13:45

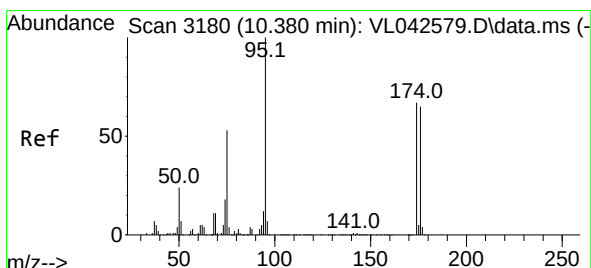
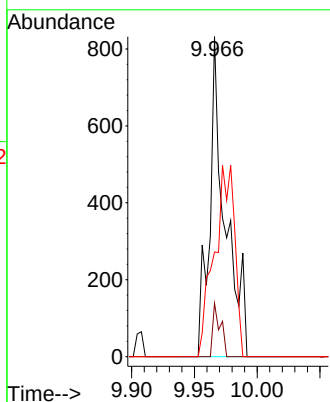
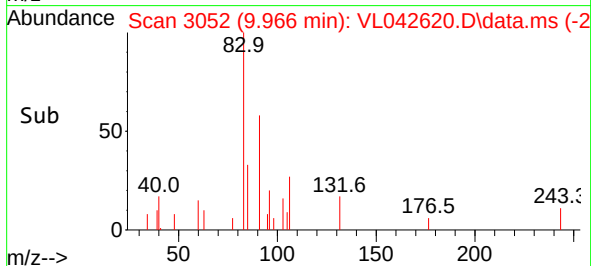
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



Tgt Ion: 83 Resp: 719
Ion Ratio Lower Upper
83 100
131 8.1 4.8 14.4
85 0.0 32.5 97.4

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.164 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VL042620.D
Acq: 05 Jun 2025 13:45

Tgt Ion: 95 Resp: 175866
Ion Ratio Lower Upper
95 100
174 61.7 53.1 79.7
175 4.7 4.2 6.2

