

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041477.D
 Acq On : 1 Aug 2024 14:11
 Operator : SY/MD
 Sample : P3390-15 0.03 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 05:23:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Aug 02 03:13:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	853139	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2365687	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2166581	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1654207	9.921	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
						Qvalue
5) Vinyl Chloride	2.919	62	1811m	0.034	ppbv	
52) Tetrachloroethene	10.622	164	2110m	0.032	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.060	83	4077m	0.032	ppbv	

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

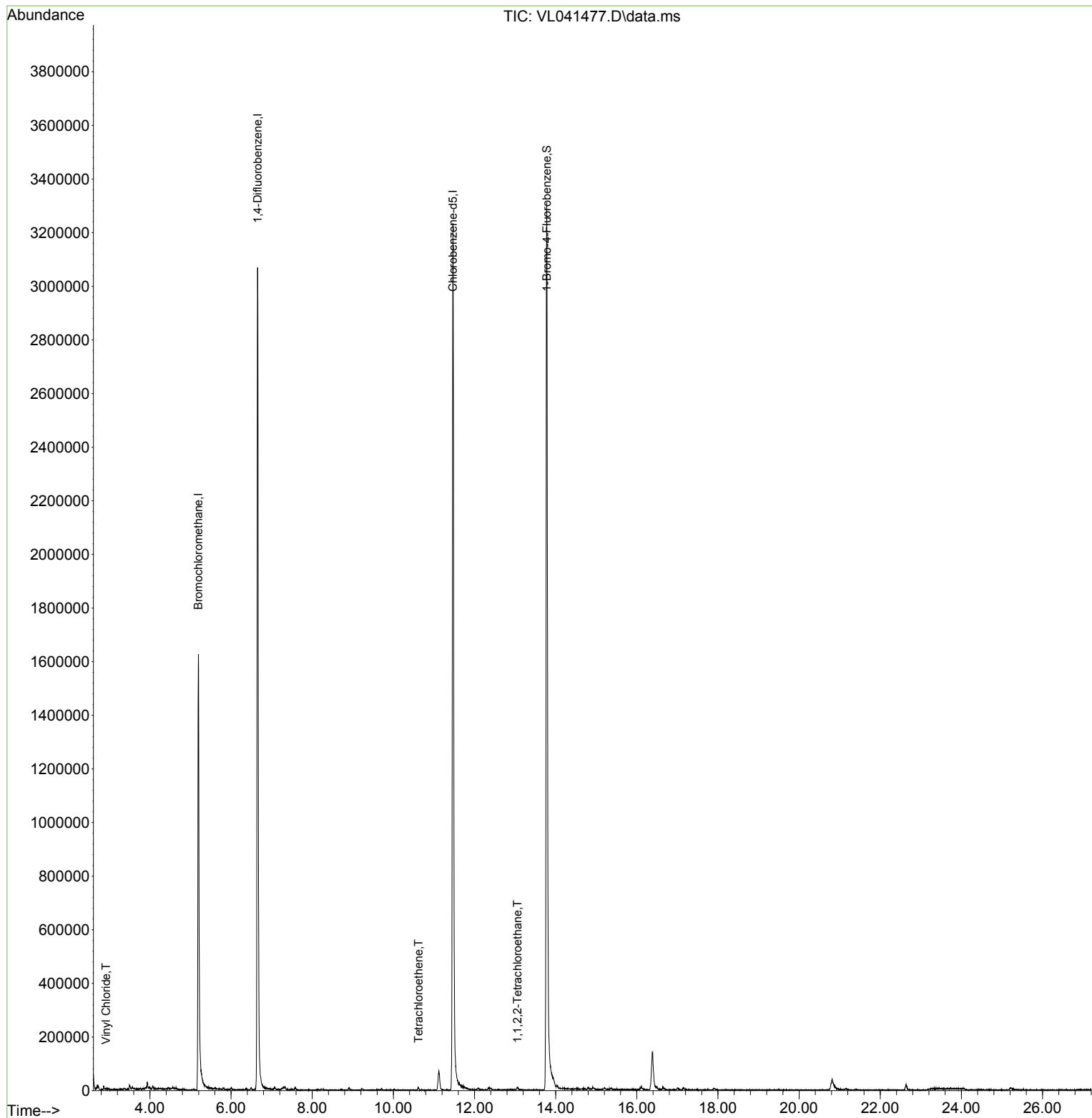
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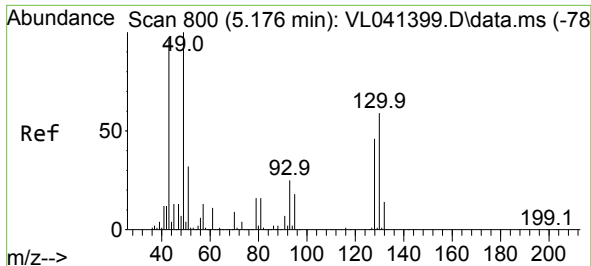
Instrument :
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ClientSampleId :
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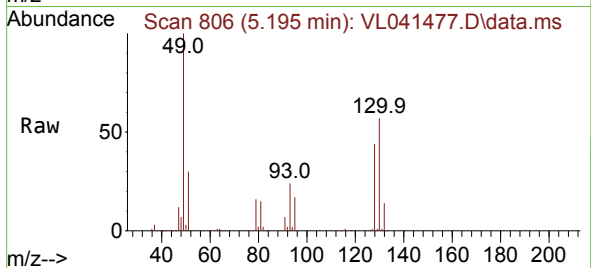
Reviewed By : Semsettin Yesilyurt 08/02/2024
Supervised By : Mahesh Dadoda 08/03/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

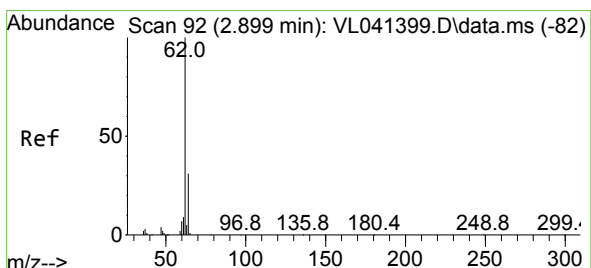
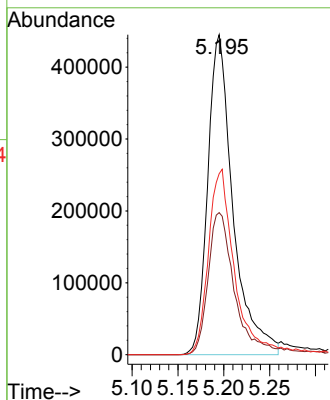
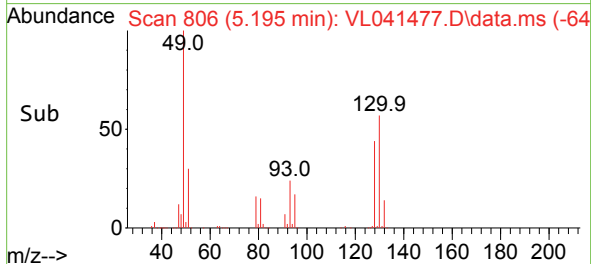
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 49 Resp: 853139
Ion Ratio Lower Upper
49 100
128 49.0 23.8 71.4
130 63.2 30.8 92.4

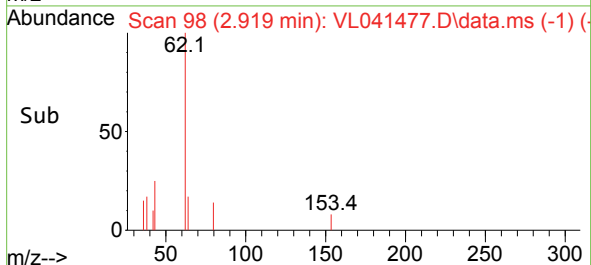
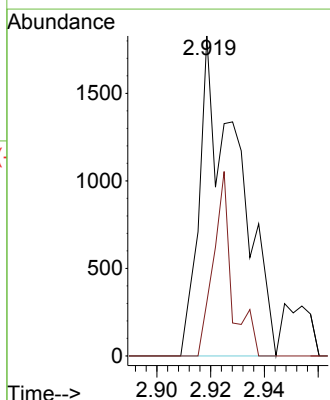
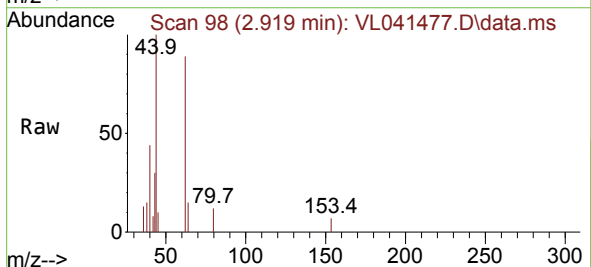
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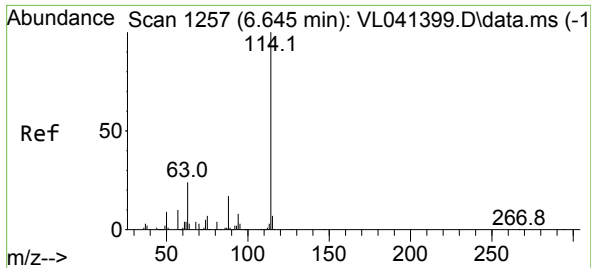
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Supervised By :Mahesh Dadoda 08/03/2024



#5
Vinyl Chloride
Concen: 0.034 ppbv m
RT: 2.919 min Scan# 98
Delta R.T. -0.003 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

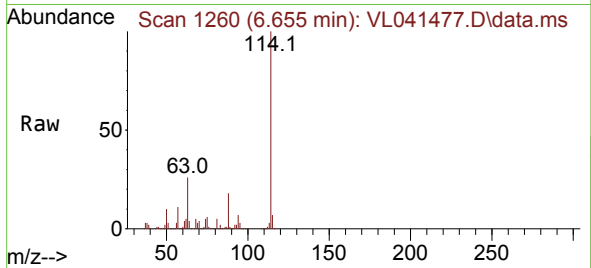
Tgt Ion: 62 Resp: 1811
Ion Ratio Lower Upper
62 100
64 16.8 25.0 37.4#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

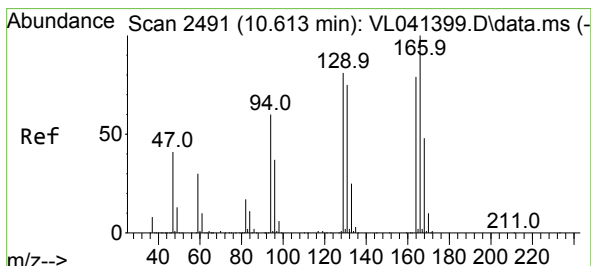
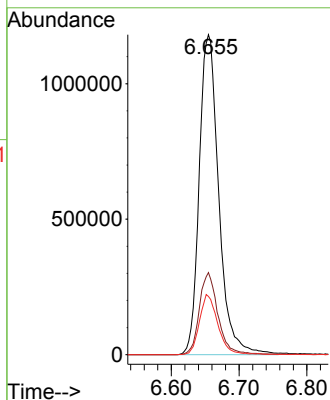
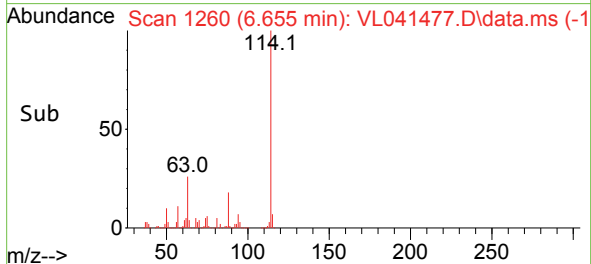
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ClientSampleId :
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Tgt Ion:114 Resp: 236568
Ion Ratio Lower Upper
114 100
63 24.7 20.3 30.5
88 17.9 14.3 21.5

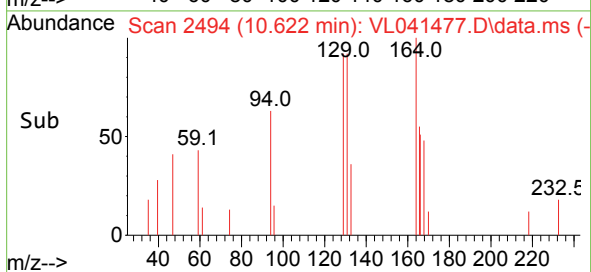
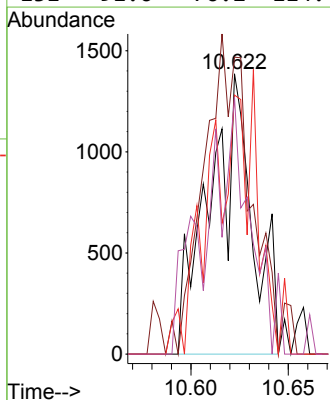
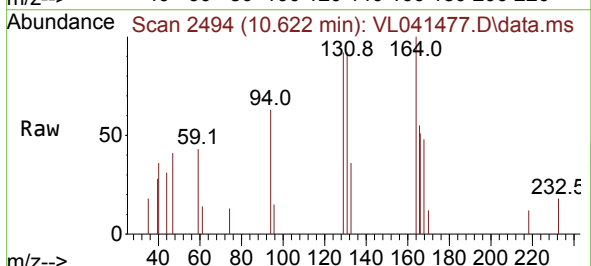
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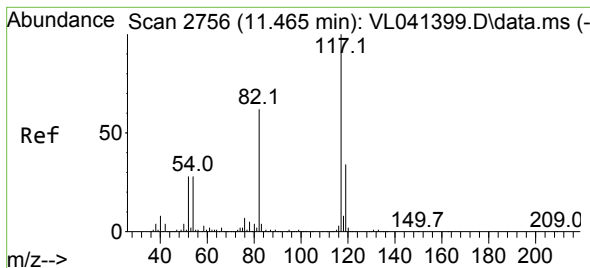
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#52
Tetrachloroethene
Concen: 0.032 ppbv m
RT: 10.622 min Scan# 2494
Delta R.T. 0.010 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

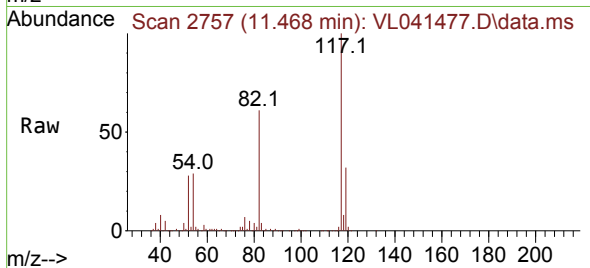
Tgt Ion:164 Resp: 2110
Ion Ratio Lower Upper
164 100
166 54.6 101.1 151.7#
129 92.4 81.7 122.5
131 91.6 76.2 114.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

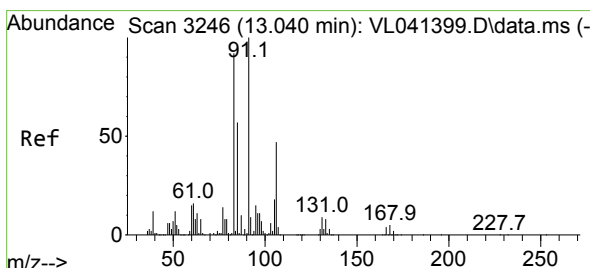
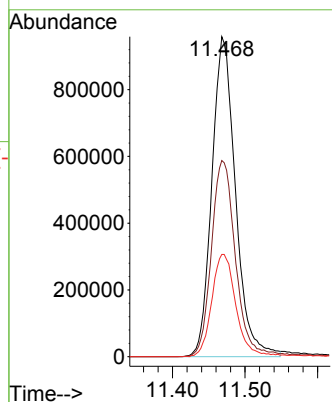
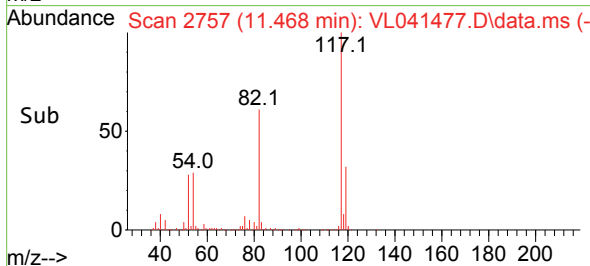
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Tgt Ion: 117 Resp: 216658
Ion Ratio Lower Upper
117 100
82 64.3 51.0 76.6
119 33.3 45.2 67.8

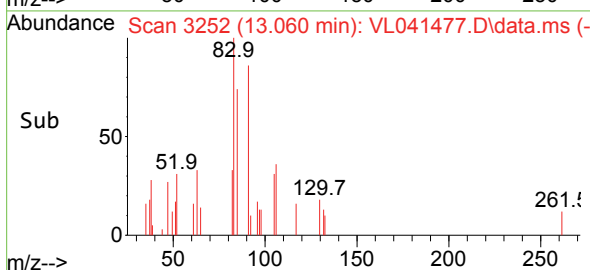
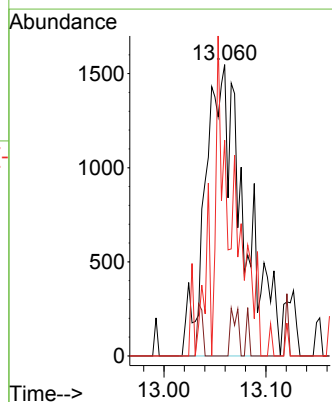
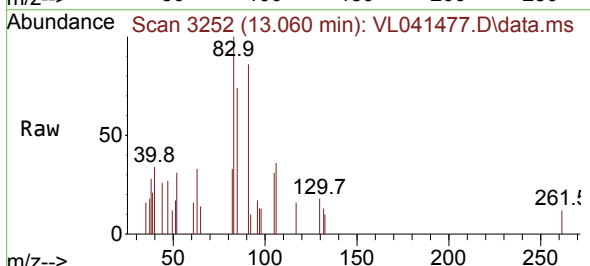
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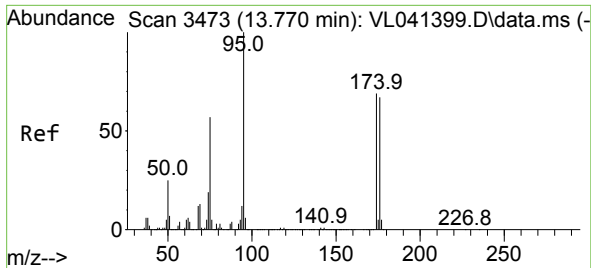
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#63
1,1,2,2-Tetrachloroethane
Concen: 0.032 ppbv m
RT: 13.060 min Scan# 3252
Delta R.T. 0.013 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

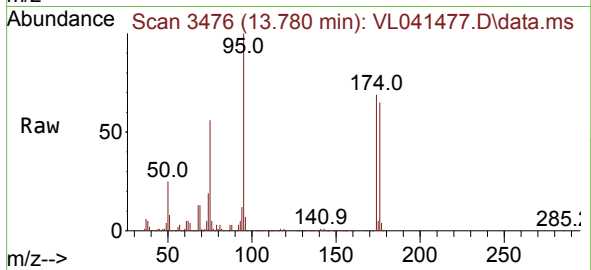
Tgt Ion: 83 Resp: 4077
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 0.0 32.6 98.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.921 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.006 min
 Lab File: VL041477.D
 Acq: 1 Aug 2024 14:11

Instrument : MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



Tgt Ion: 95 Resp: 165420
 Ion Ratio Lower Upper
 95 100
 174 72.1 56.3 84.5
 175 5.2 4.0 6.0

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