

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041464.D
 Acq On : 31 Jul 2024 15:36
 Operator : SY/MD
 Sample : P3390-14 0.03 LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

Quant Time: Aug 01 03:55:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	984493	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2724034	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2467120	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1858043	9.786	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.925	62	2026m	0.033	ppbv	
32) 1,1,1-Trichloroethane	6.009	97	4045m	0.028	ppbv	
35) Carbon Tetrachloride	6.507	117	3871m	0.026	ppbv	
38) Trichloroethene	7.301	130	3426m	0.038	ppbv	
52) Tetrachloroethene	10.629	164	2380m	0.031	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.066	83	5040m	0.034	ppbv	

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

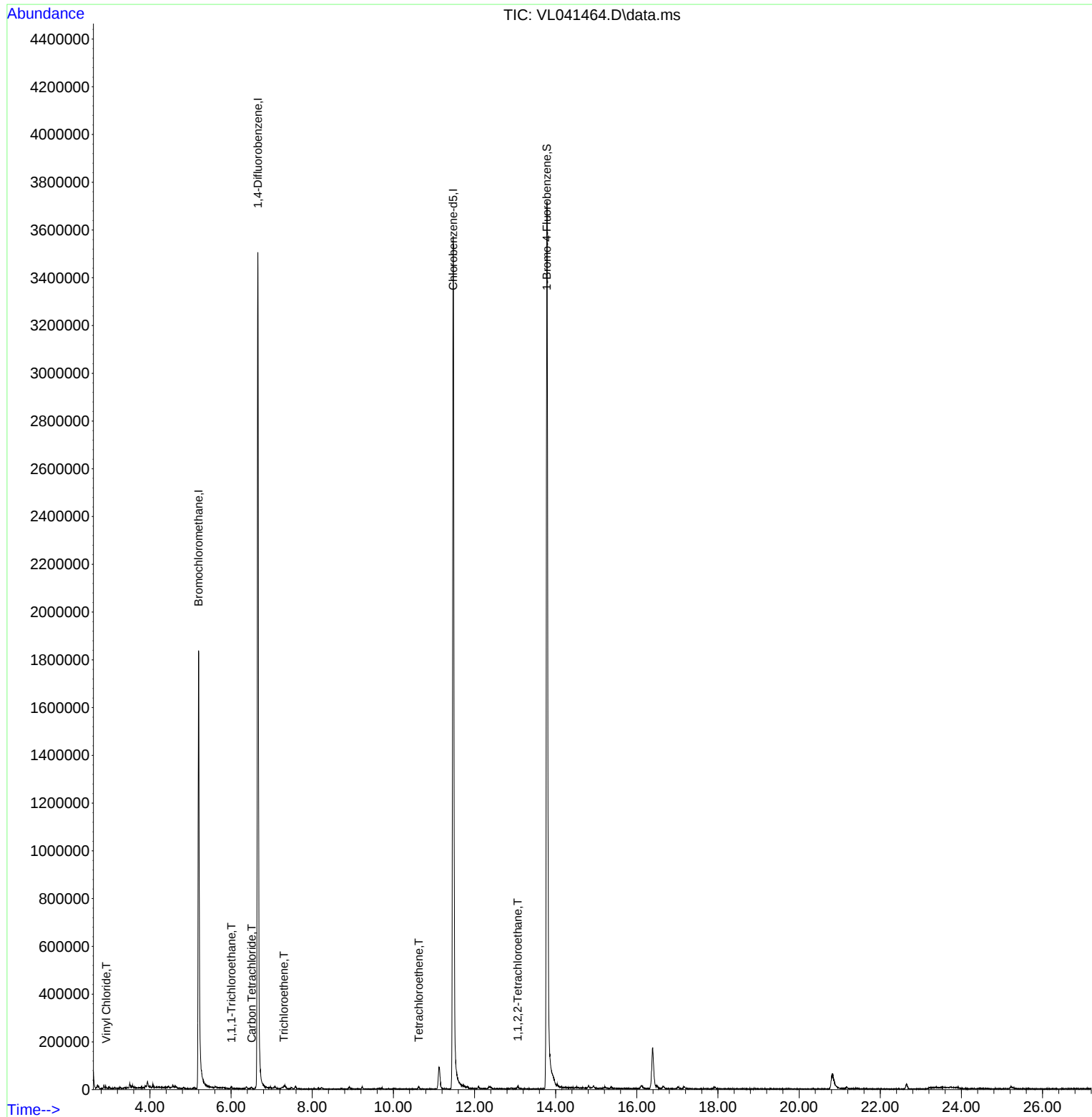
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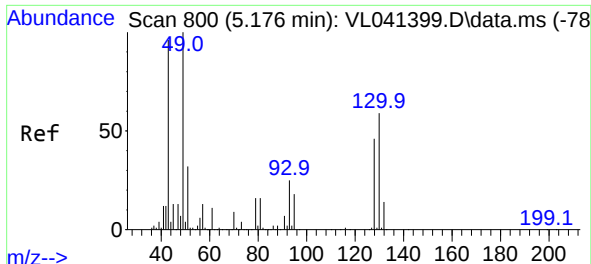
Instrument :
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ClientSampleId :
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Quant Time: Aug 01 03:55:58 2024
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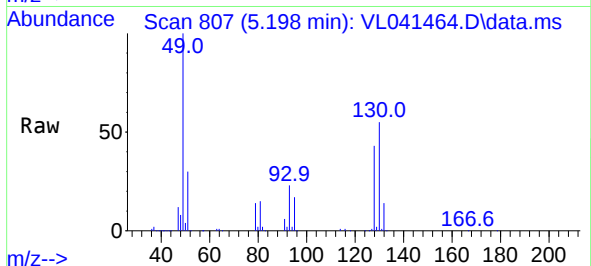
Reviewed By : Semsettin Yesilyurt 08/01/2024
Supervised By : Mahesh Dadoda 08/01/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

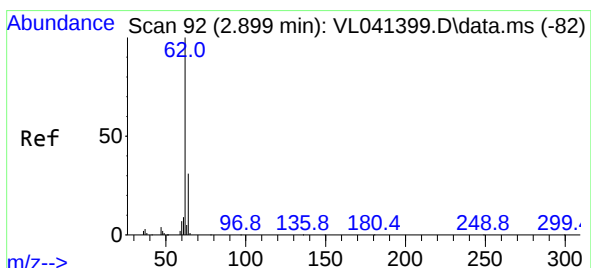
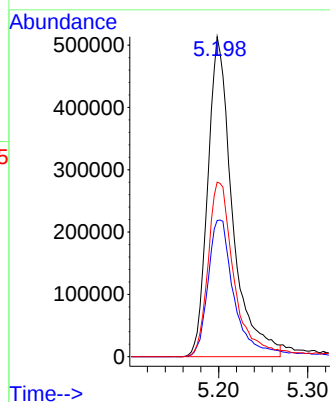
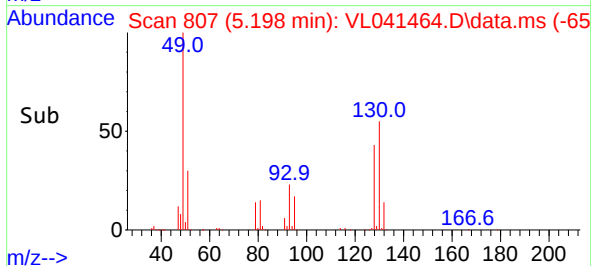
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



Tgt Ion: 49 Resp: 98449
Ion Ratio Lower Upper
49 100
128 47.8 23.8 71.4
130 60.6 30.8 92.4

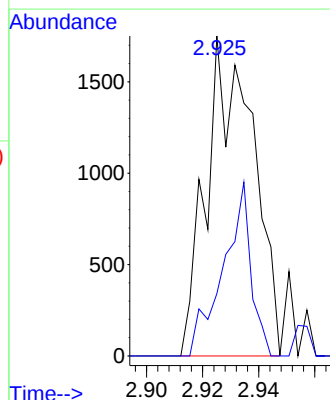
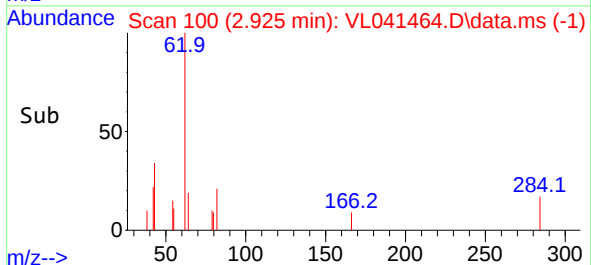
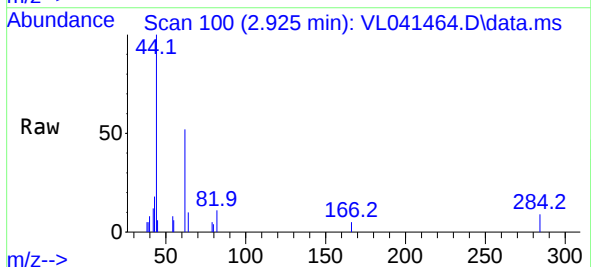
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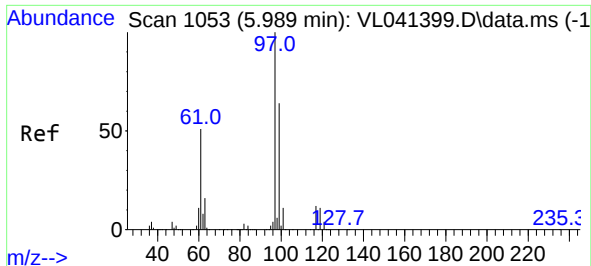
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#5
Vinyl Chloride
Concen: 0.033 ppbv m
RT: 2.925 min Scan# 100
Delta R.T. 0.003 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

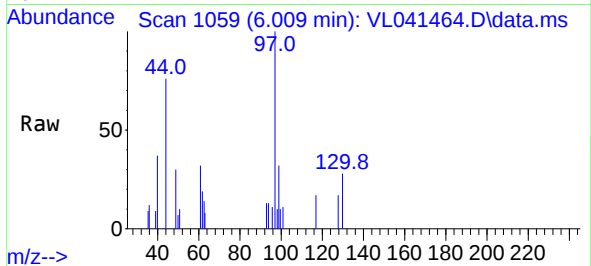
Tgt Ion: 62 Resp: 2026
Ion Ratio Lower Upper
62 100
64 19.4 25.0 37.4#





#32
1,1,1-Trichloroethane
Concen: 0.028 ppbv m
RT: 6.009 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

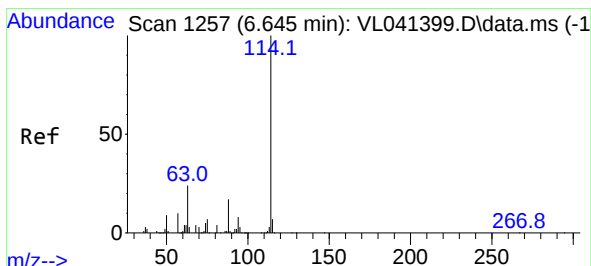
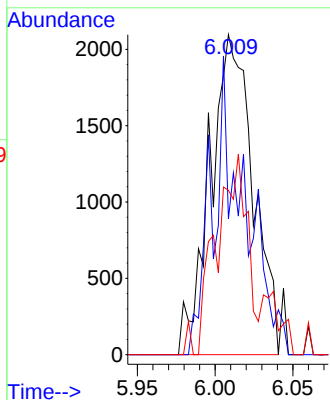
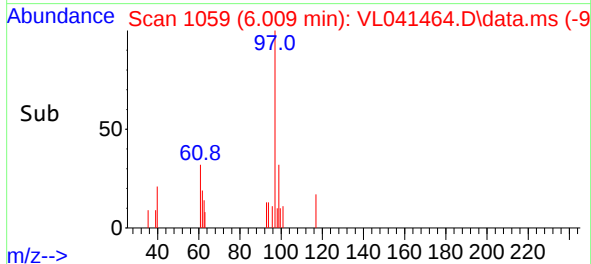
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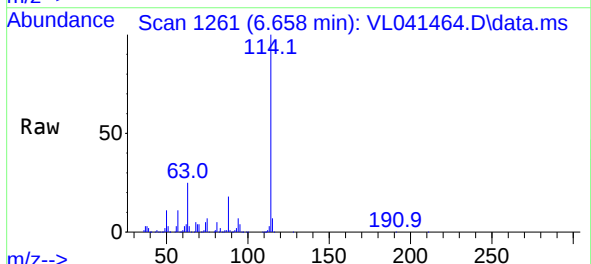
Tgt Ion: 97 Resp: 404
Ion Ratio Lower Upper
97 100
99 69.3 52.0 78.0
61 55.3 41.8 62.8

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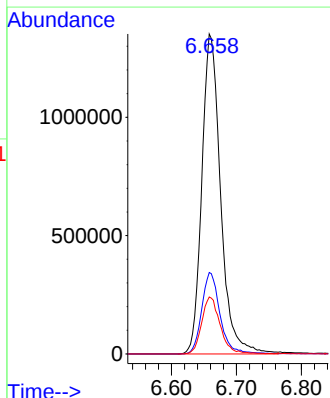
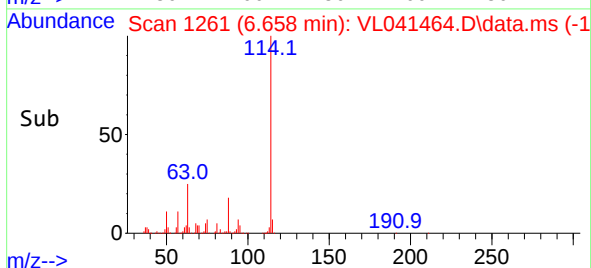
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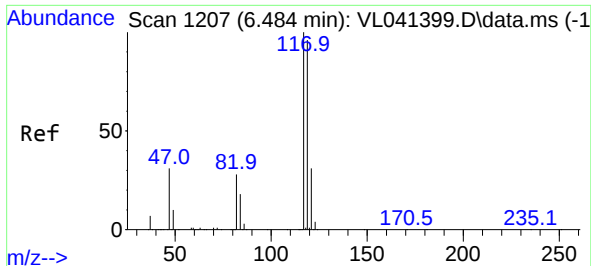


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36



Tgt Ion:114 Resp: 2724034
Ion Ratio Lower Upper
114 100
63 25.1 20.3 30.5
88 17.8 14.3 21.5





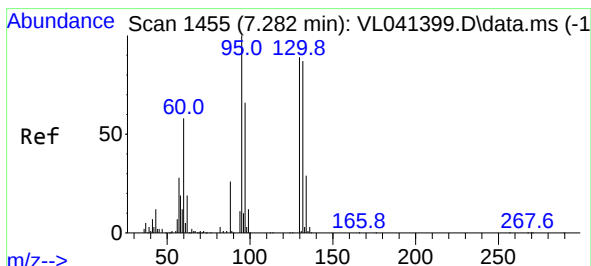
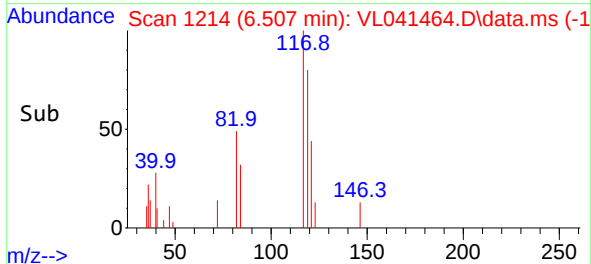
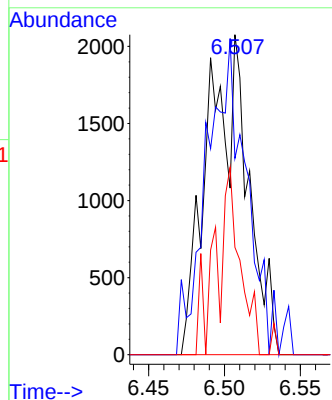
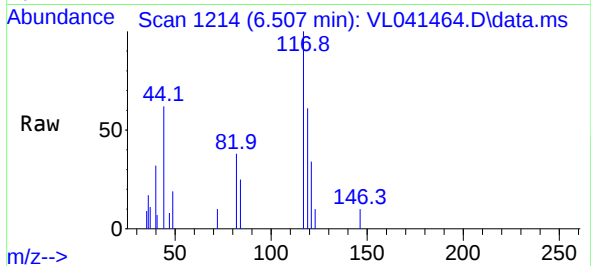
#35
Carbon Tetrachloride
Concen: 0.026 ppbv m
RT: 6.507 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024

Tgt Ion:117 Resp: 387
Ion Ratio Lower Upper
117 100
119 61.4 76.6 115.0
121 33.6 25.1 37.7

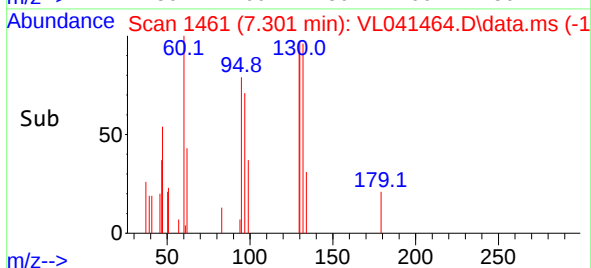
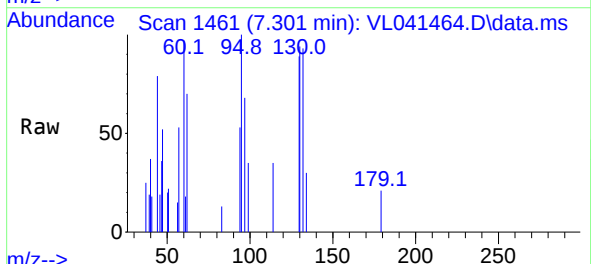
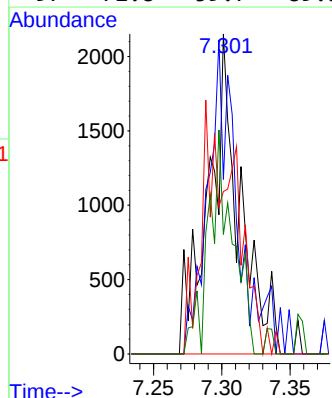
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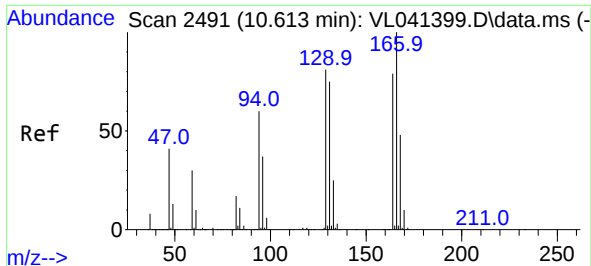
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Supervised By :Mahesh Dadoda 08/01/2024



#38
Trichloroethene
Concen: 0.038 ppbv m
RT: 7.301 min Scan# 1461
Delta R.T. 0.003 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

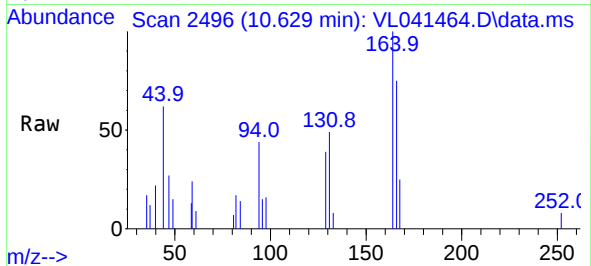
Tgt Ion:130 Resp: 3426
Ion Ratio Lower Upper
130 100
95 106.3 90.2 135.2
132 98.9 78.1 117.1
97 72.8 59.7 89.5





#52
Tetrachloroethene
Concen: 0.031 ppbv m
RT: 10.629 min Scan# 2491
Delta R.T. 0.007 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

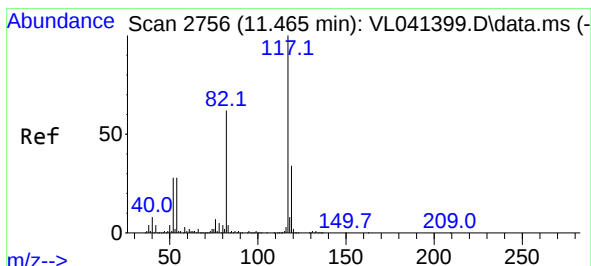
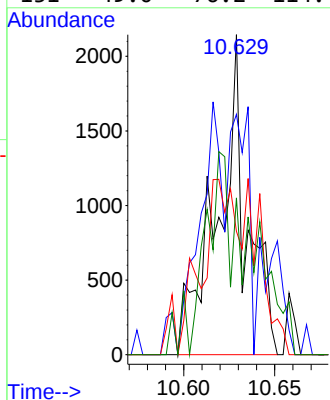
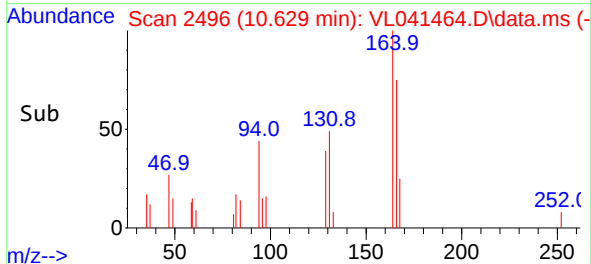
Instrument :
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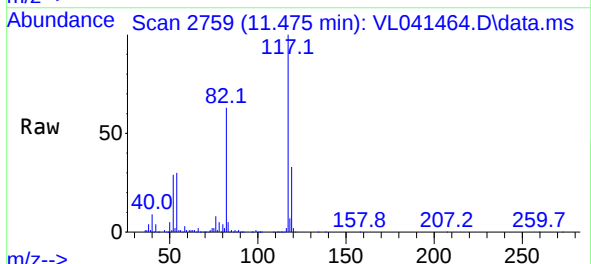
Tgt Ion:164 Resp: 2380
Ion Ratio Lower Upper
164 100
166 75.1 101.1 151.7
129 38.6 81.7 122.5
131 49.0 76.2 114.4#

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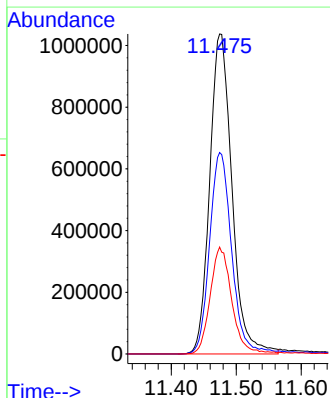
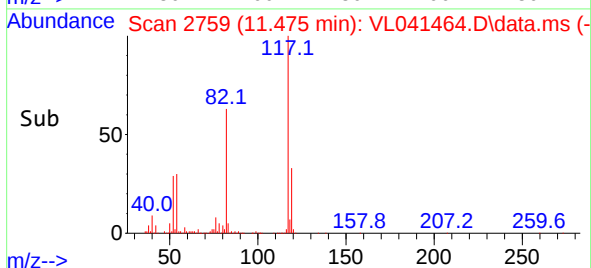
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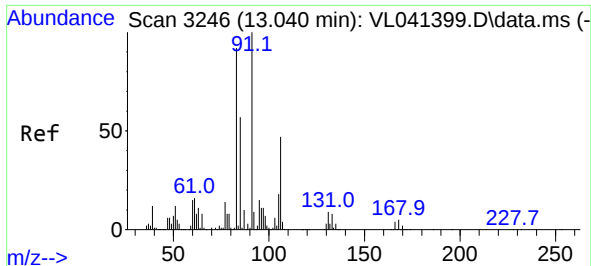


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2759
Delta R.T. 0.003 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36



Tgt Ion:117 Resp: 2467120
Ion Ratio Lower Upper
117 100
82 63.8 51.0 76.6
119 33.0 45.2 67.8#





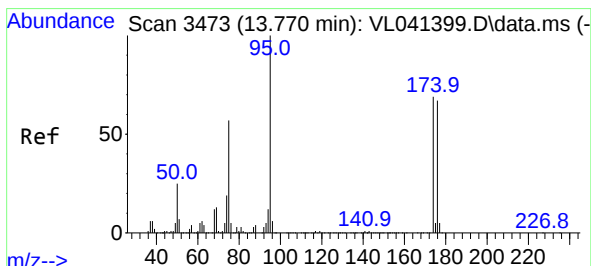
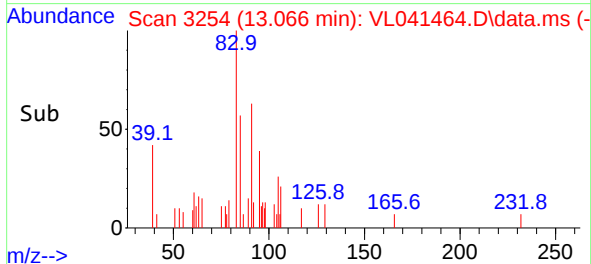
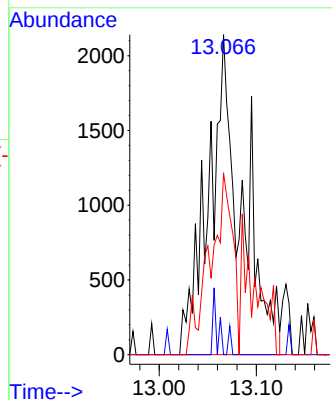
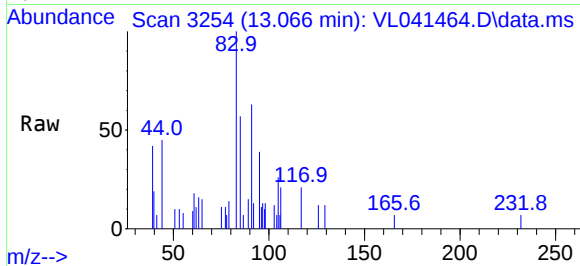
#63
1,1,2,2-Tetrachloroethane
Concen: 0.034 ppbv m
RT: 13.066 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024

Tgt Ion: 83 Resp: 5040
Ion Ratio Lower Upper
83 100
131 3.4 4.8 14.4
85 0.0 32.6 98.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.786 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.003 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Tgt Ion: 95 Resp: 1858043
Ion Ratio Lower Upper
95 100
174 71.9 56.3 84.5
175 5.2 4.0 6.0

