

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041735.D
 Acq On : 11 Dec 2024 23:09
 Operator : SY/MD
 Sample : P4368-14 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2024

Quant Time: Dec 12 07:01:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 12 05:50:25 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

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

Internal Standards						
1) Bromochloromethane	2.787	49	253215	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	1246495	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	1101849	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	716373	9.890	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
5) Vinyl Chloride	1.580	62	653	0.045	ppbv	Qvalue 98
32) 1,1,1-Trichloroethane	3.370	97	1823	0.031	ppbv #	93
38) Trichloroethene	4.548	130	1822m	0.036	ppbv	
52) Tetrachloroethene	8.231	164	1777m	0.034	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.969	83	2203m	0.030	ppbv	

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

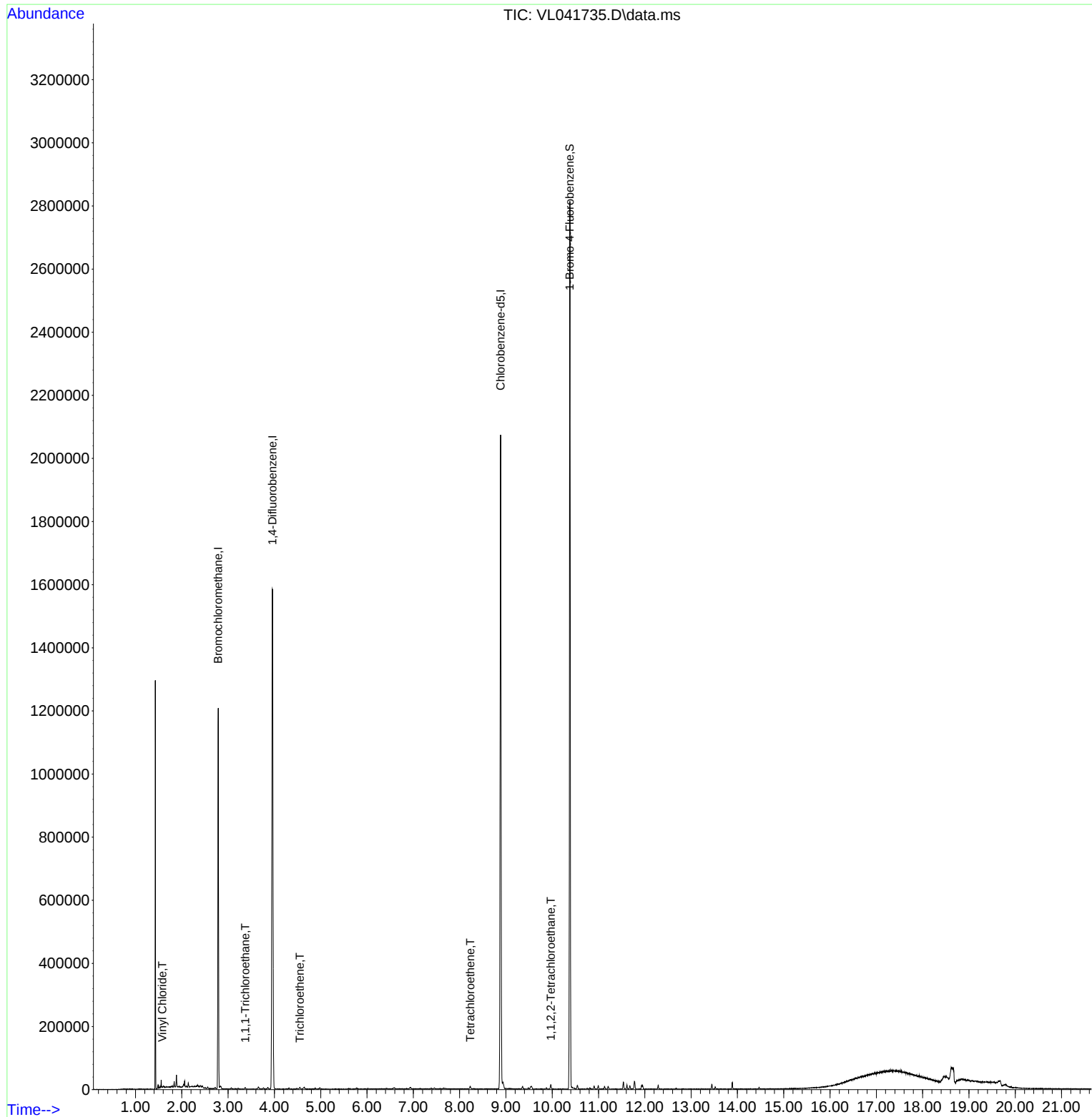
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
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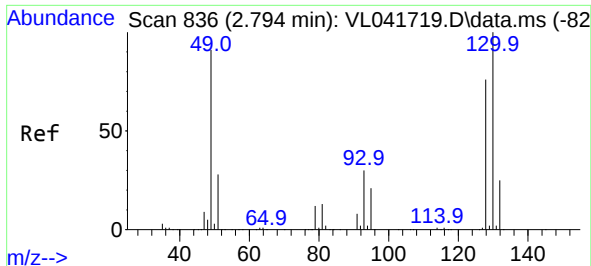
Instrument :
MSVOA_L
ClientSampleId :
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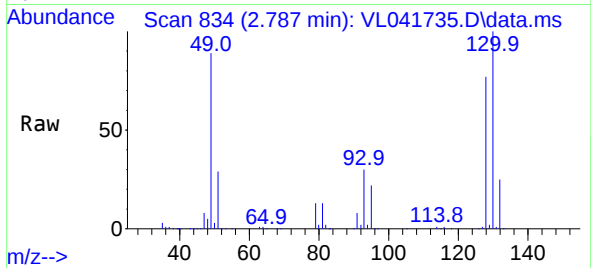
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Supervised By :Semsettin Yesilyurt 12/13/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 836
Delta R.T. -0.007 min
Lab File: VL041735.D
Acq: 11 Dec 2024 23:09

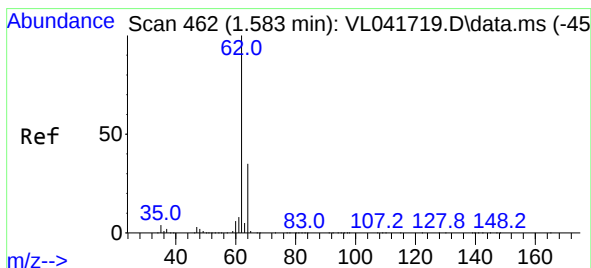
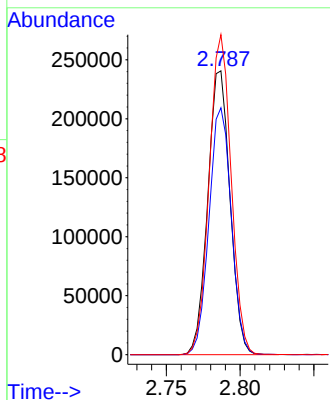
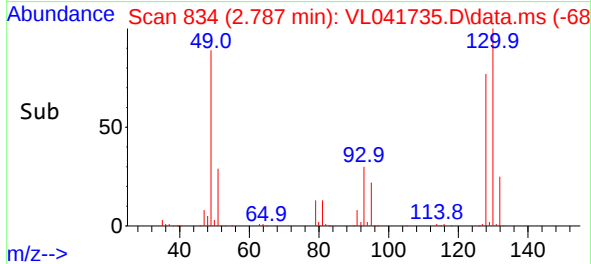
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion: 49 Resp: 253215
Ion Ratio Lower Upper
49 100
128 86.8 42.8 128.3
130 111.0 55.8 167.4

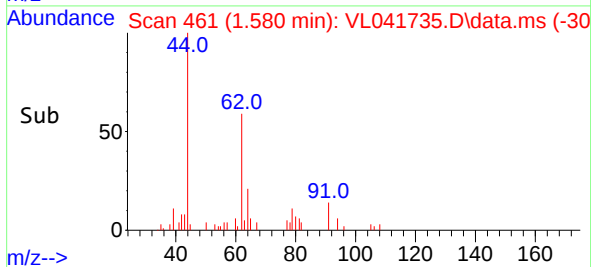
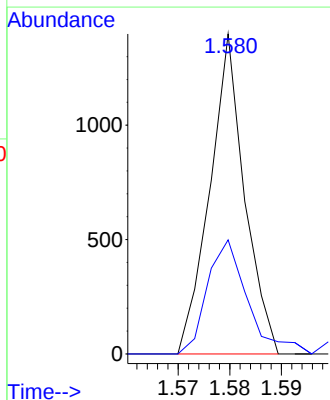
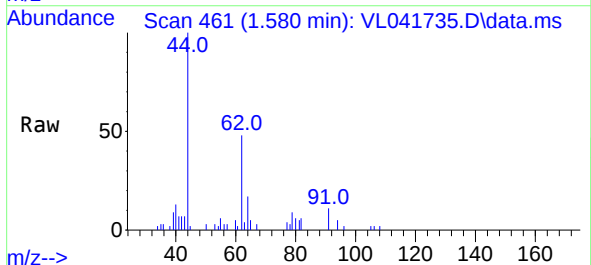
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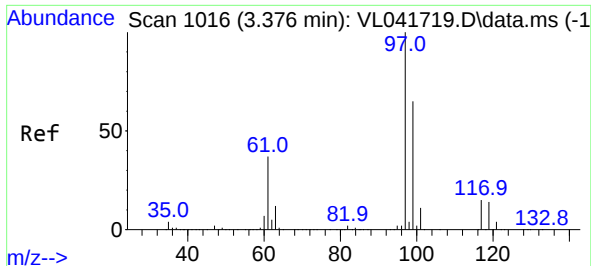
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#5
Vinyl Chloride
Concen: 0.045 ppbv
RT: 1.580 min Scan# 461
Delta R.T. -0.003 min
Lab File: VL041735.D
Acq: 11 Dec 2024 23:09

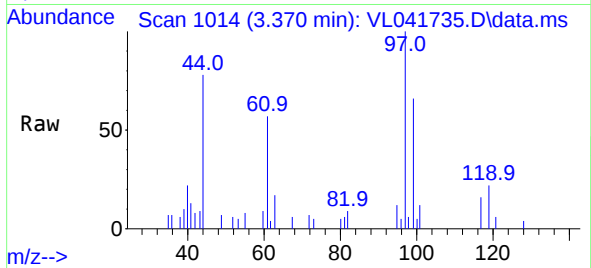
Tgt Ion: 62 Resp: 653
Ion Ratio Lower Upper
62 100
64 35.7 27.6 41.4





#32
1,1,1-Trichloroethane
Concen: 0.031 ppbv
RT: 3.370 min Scan# 1016
Delta R.T. -0.007 min
Lab File: VL041735.D
Acq: 11 Dec 2024 23:09

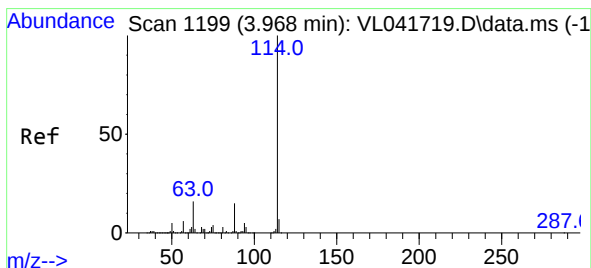
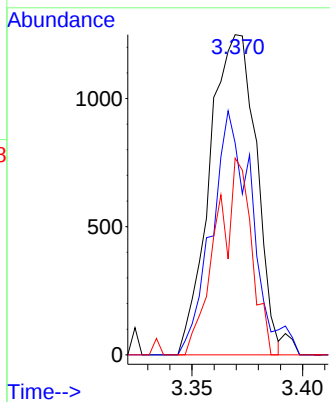
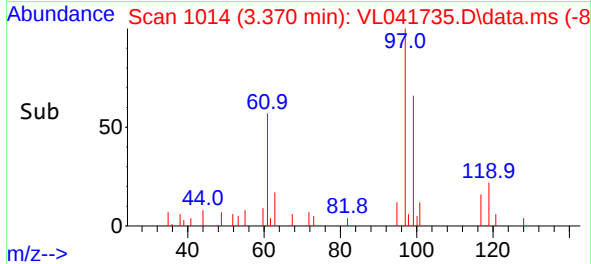
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion: 97 Resp: 182
Ion Ratio Lower Upper
97 100
99 66.5 52.2 78.2
61 46.9 29.8 44.8

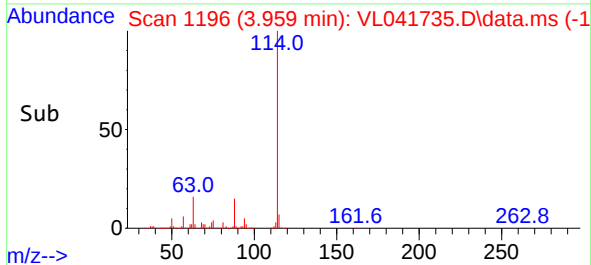
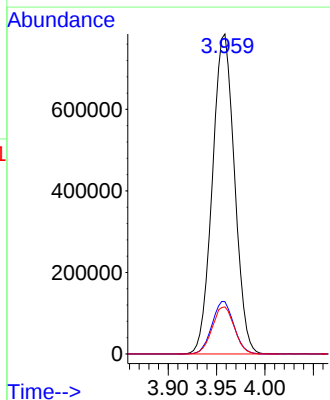
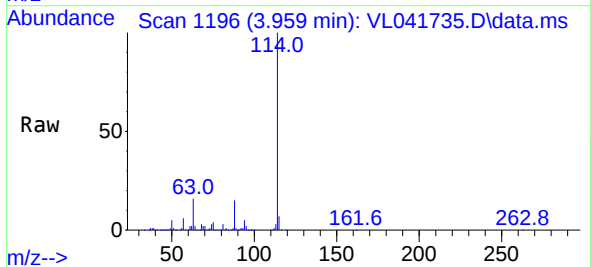
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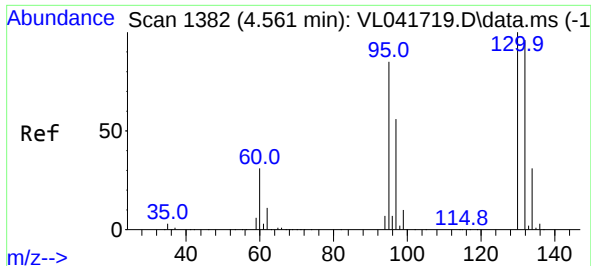
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.010 min
Lab File: VL041735.D
Acq: 11 Dec 2024 23:09

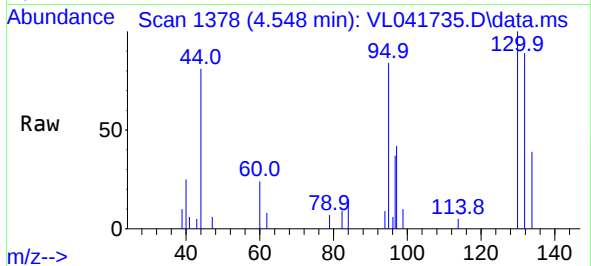
Tgt Ion:114 Resp: 1246495
Ion Ratio Lower Upper
114 100
63 16.2 12.9 19.3
88 14.8 11.8 17.6





#38
Trichloroethene
Concen: 0.036 ppbv m
RT: 4.548 min Scan# 1378
Delta R.T. -0.013 min
Lab File: VL041735.D
Acq: 11 Dec 2024 23:09

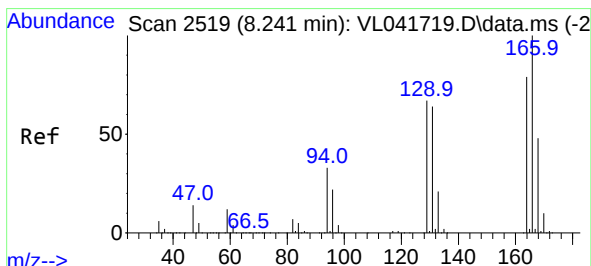
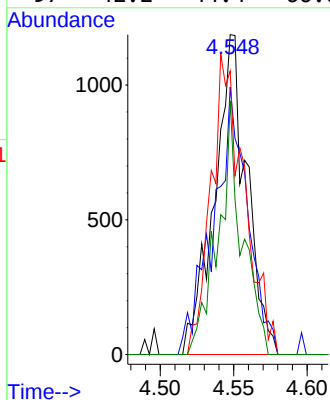
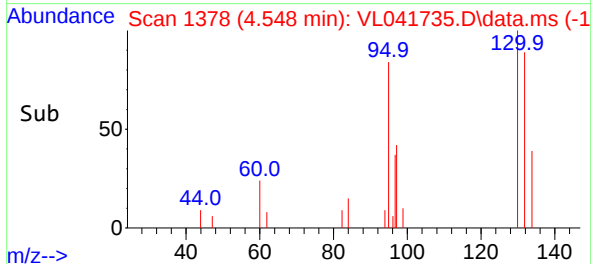
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion:130 Resp: 182
Ion Ratio Lower Upper
130 100
95 83.6 68.0 102.0
132 88.6 76.5 114.7
97 42.2 44.4 66.6#

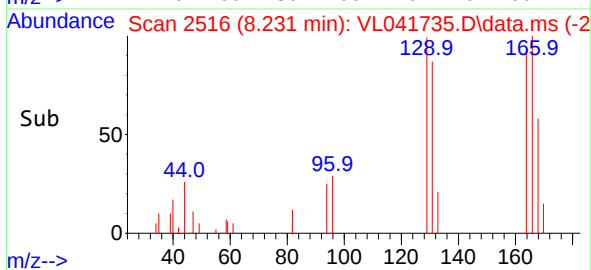
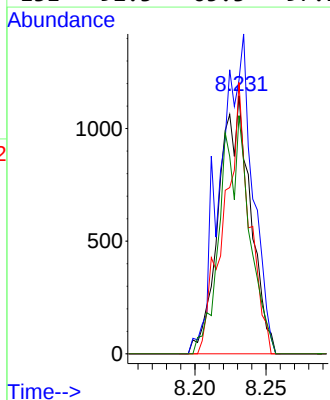
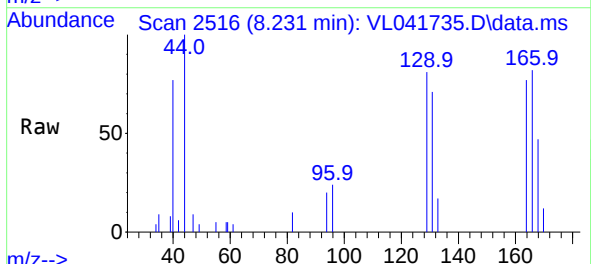
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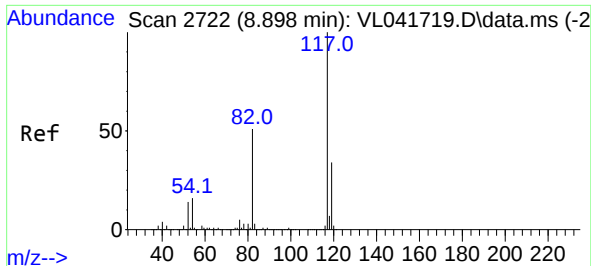
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Supervised By :Semsettin Yesilyurt 12/13/2024



#52
Tetrachloroethene
Concen: 0.034 ppbv m
RT: 8.231 min Scan# 2516
Delta R.T. -0.010 min
Lab File: VL041735.D
Acq: 11 Dec 2024 23:09

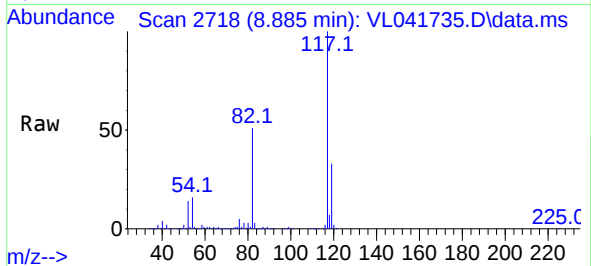
Tgt Ion:164 Resp: 1777
Ion Ratio Lower Upper
164 100
166 106.0 101.4 152.0
129 105.1 67.6 101.4#
131 92.3 65.3 97.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL041735.D
Acq: 11 Dec 2024 23:09

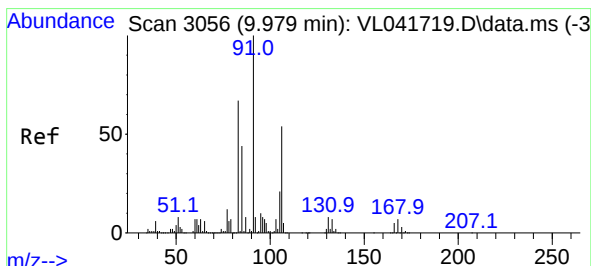
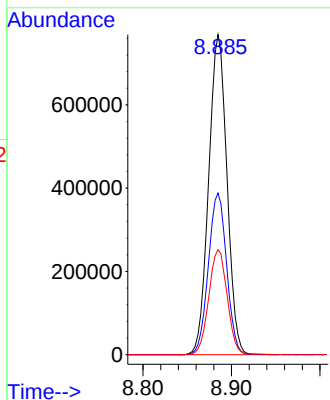
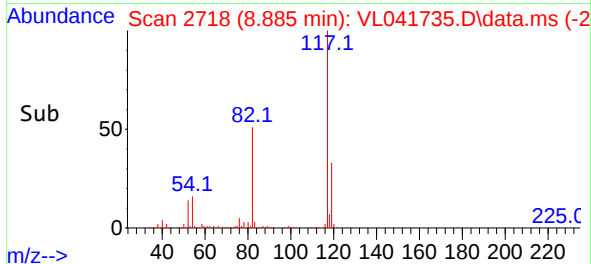
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion:117 Resp: 1101849
Ion Ratio Lower Upper
117 100
82 50.4 41.3 61.9
119 33.1 25.8 38.8

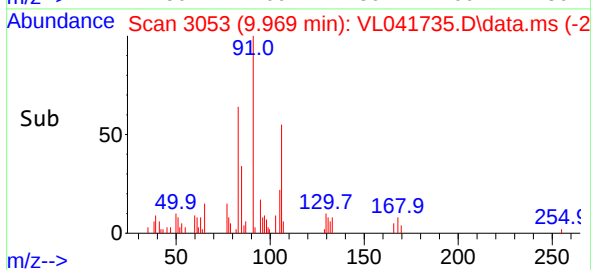
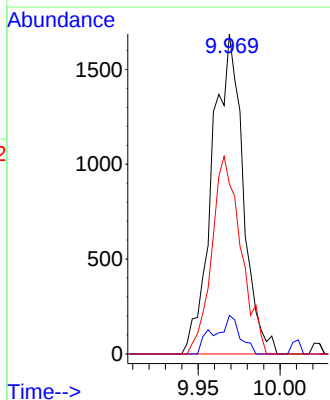
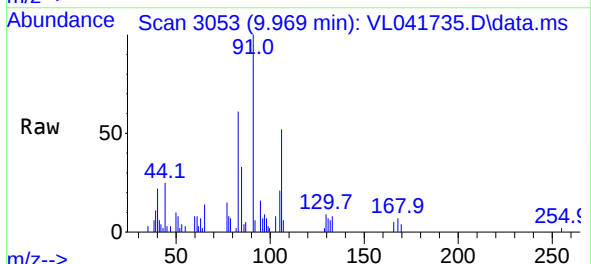
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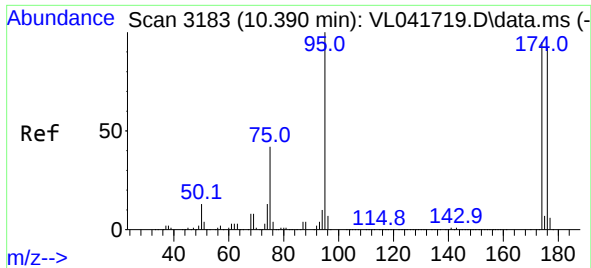
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#63
1,1,2,2-Tetrachloroethane
Concen: 0.030 ppbv m
RT: 9.969 min Scan# 3053
Delta R.T. -0.010 min
Lab File: VL041735.D
Acq: 11 Dec 2024 23:09

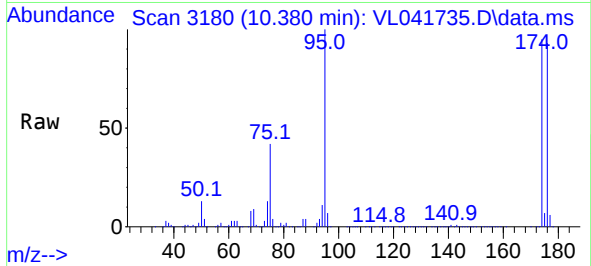
Tgt Ion: 83 Resp: 2203
Ion Ratio Lower Upper
83 100
131 0.0 5.9 17.6#
85 58.5 32.8 98.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.890 ppbv
 RT: 10.380 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VL041735.D
 Acq: 11 Dec 2024 23:09

Instrument : MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2024



Tgt Ion: 95 Resp: 71637
 Ion Ratio Lower Upper
 95 100
 174 96.3 76.7 115.1
 175 6.7 5.4 8.2

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