

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040137.D
 Acq On : 30 Jan 2023 17:45
 Operator : SY/MD
 Sample : N4955-14 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2022

Quant Time: Jan 31 05:29:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 31 05:24:57 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2023
 Supervised By : Mahesh Dadoda 01/31/2023

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

Internal Standards						
1) Bromochloromethane	5.179	49	795443	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2063895	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	1836060	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1483638	9.723	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.200%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.906	62	1601m	0.032	ppbv	
32) 1,1,1-Trichloroethane	5.989	97	3817m	0.032	ppbv	
35) Carbon Tetrachloride	6.488	117	3790m	0.032	ppbv	
38) Trichloroethene	7.275	130	2503m	0.029	ppbv	
52) Tetrachloroethene	10.603	164	1733m	0.035	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.047	83	1744m	0.027	ppbv	

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

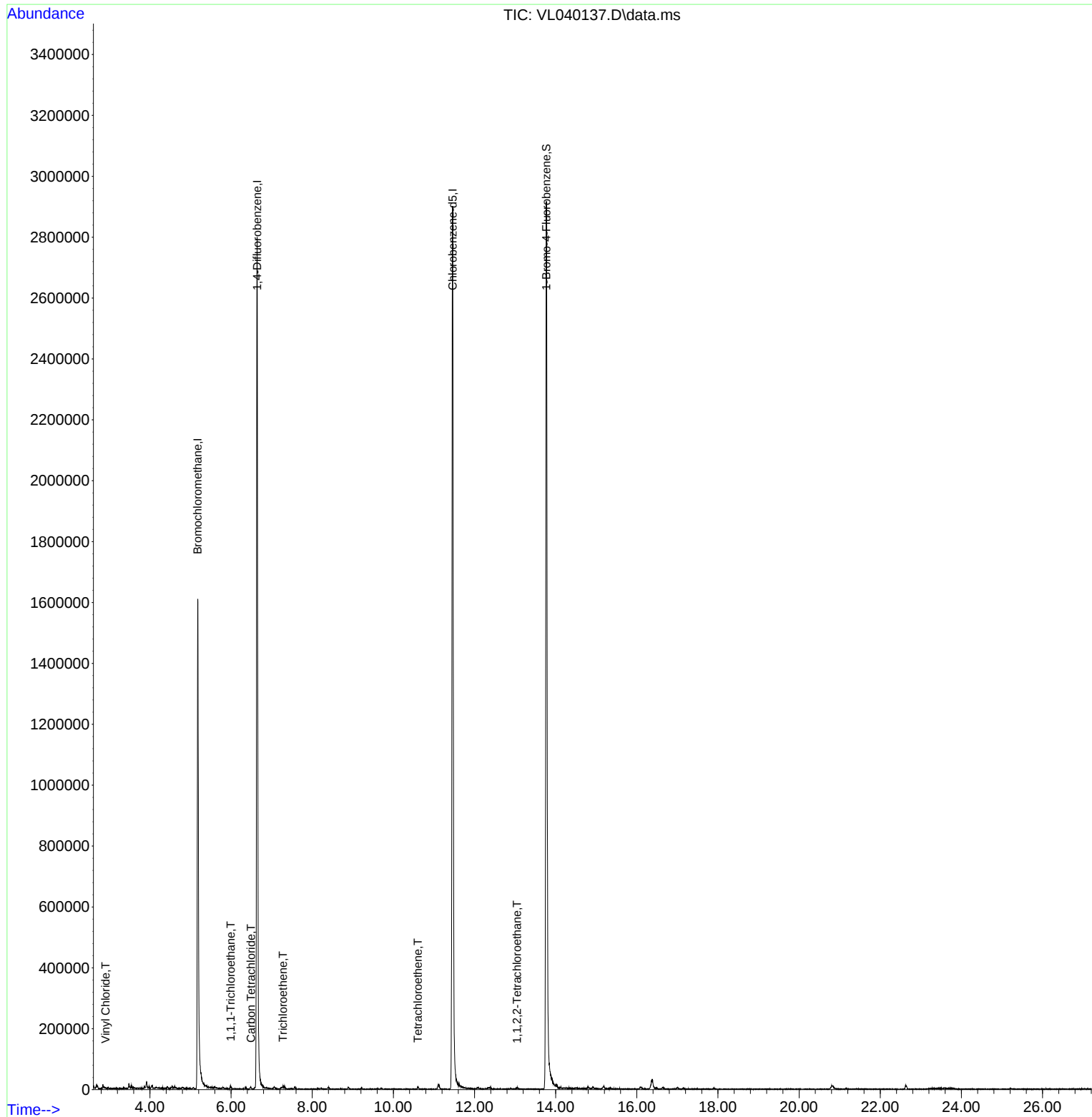
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
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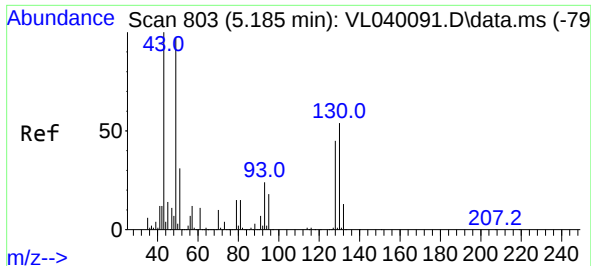
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022

Quant Time: Jan 31 05:29:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
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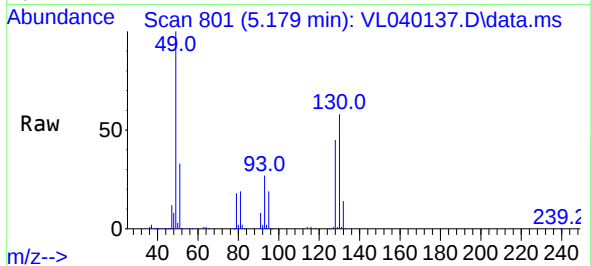
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

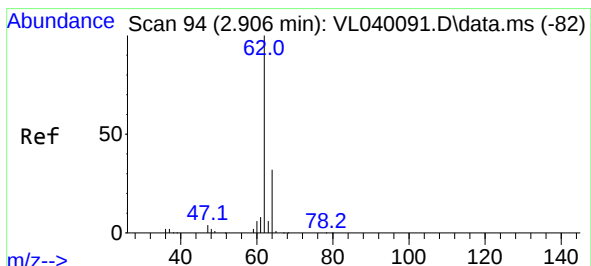
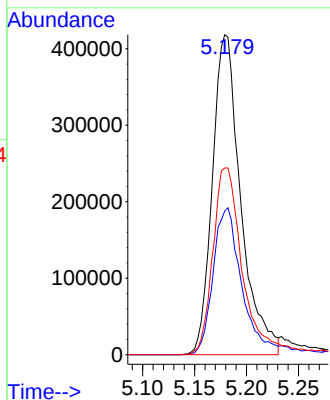
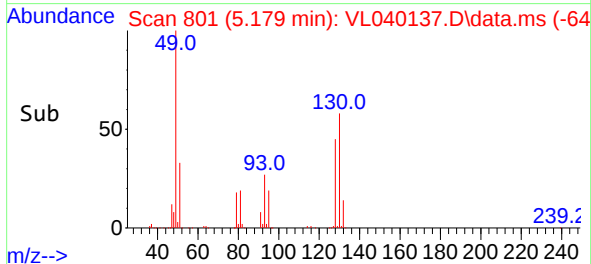
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 49 Resp: 79544
Ion Ratio Lower Upper
49 100
128 49.5 23.6 71.0
130 63.5 29.8 89.3

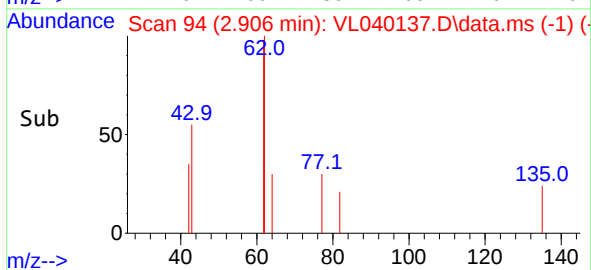
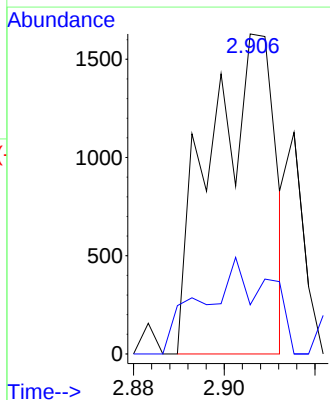
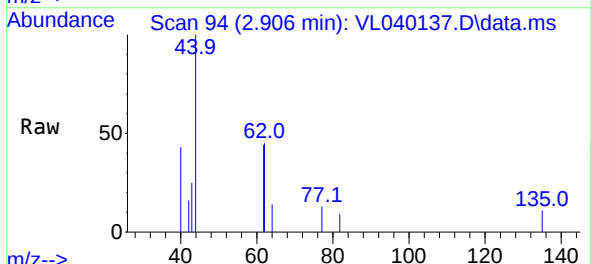
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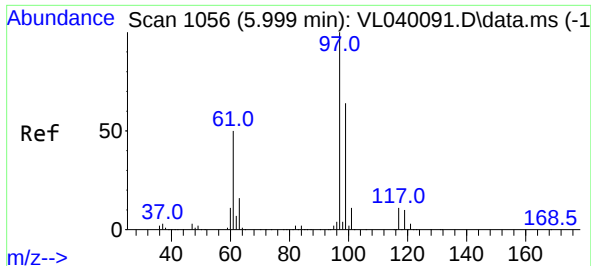
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#5
Vinyl Chloride
Concen: 0.032 ppbv m
RT: 2.906 min Scan# 94
Delta R.T. 0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

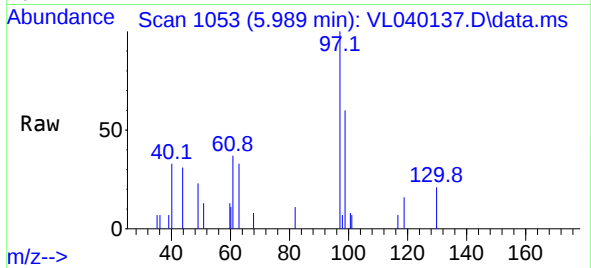
Tgt Ion: 62 Resp: 1601
Ion Ratio Lower Upper
62 100
64 30.4 25.8 38.6





#32
1,1,1-Trichloroethane
Concen: 0.032 ppbv m
RT: 5.989 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

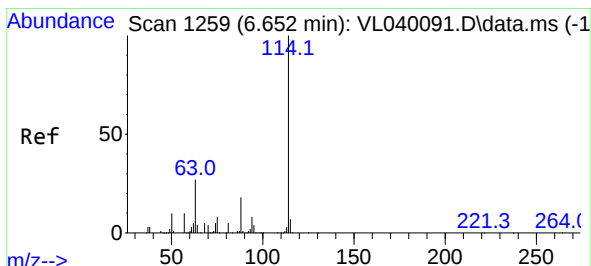
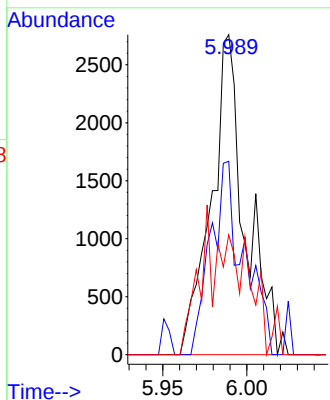
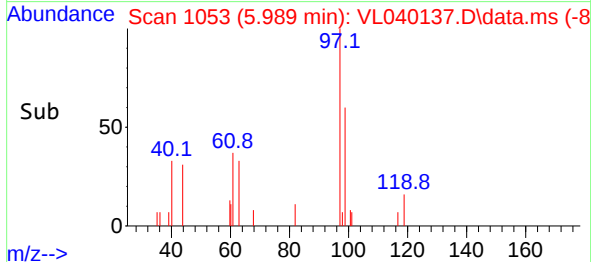
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



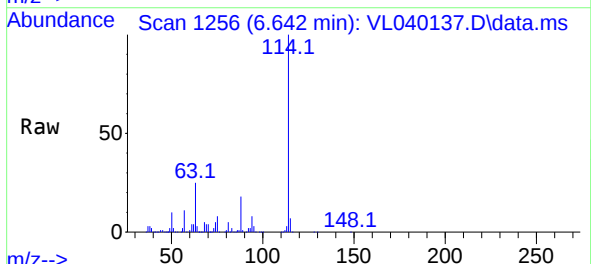
Tgt Ion: 97 Resp: 381
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.6
61 56.0 40.4 60.6

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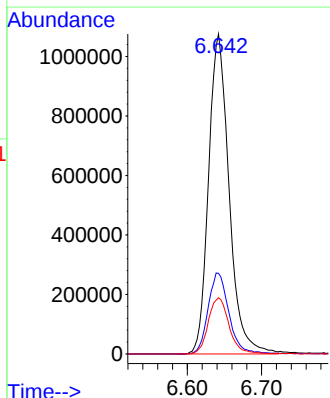
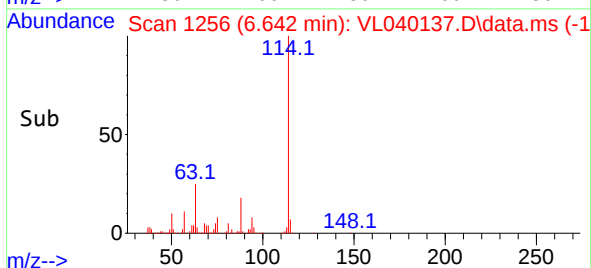
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

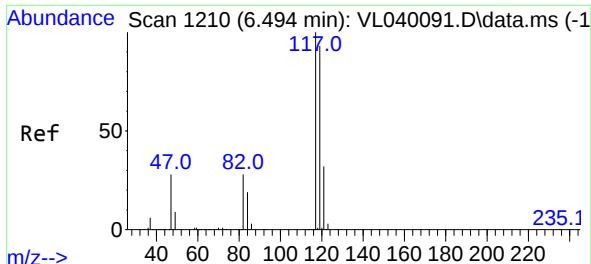


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. 0.000 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45



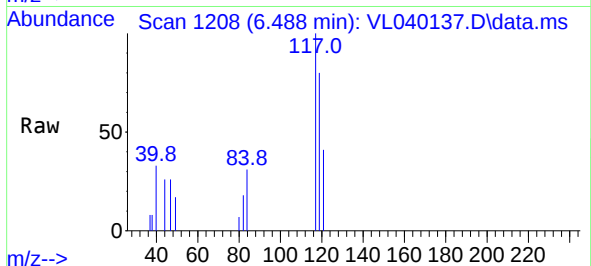
Tgt Ion:114 Resp: 2063895
Ion Ratio Lower Upper
114 100
63 25.9 21.8 32.8
88 18.0 14.8 22.2





#35
Carbon Tetrachloride
Concen: 0.032 ppbv m
RT: 6.488 min Scan# 117
Delta R.T. 0.007 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

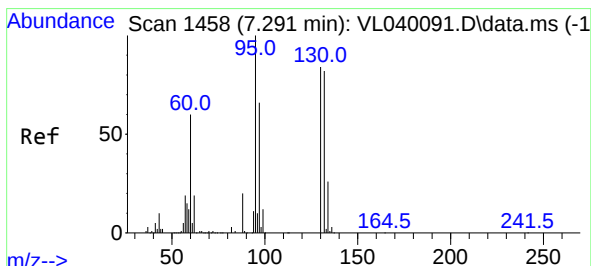
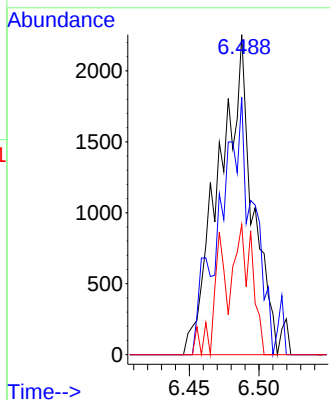
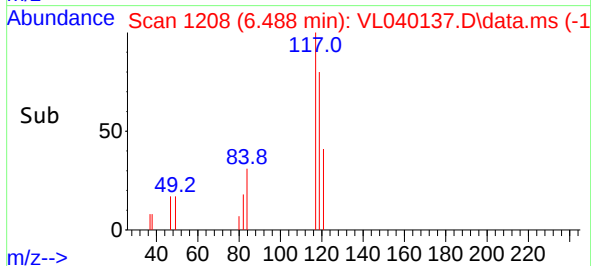
Instrument : MSVOA_L
ClientSampleId :
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Tgt Ion:117 Resp: 3790
Ion Ratio Lower Upper
117 100
119 80.4 74.5 111.7
121 40.6 25.4 38.0

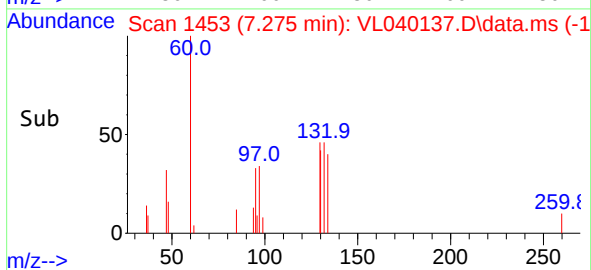
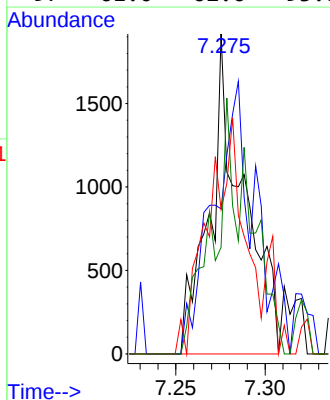
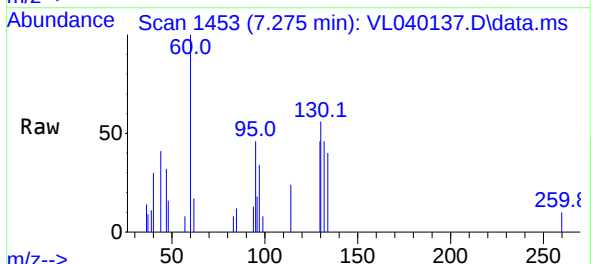
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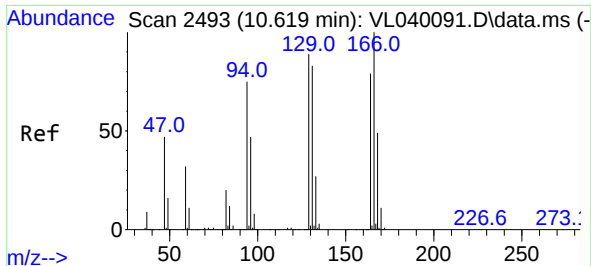
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#38
Trichloroethene
Concen: 0.029 ppbv m
RT: 7.275 min Scan# 1453
Delta R.T. -0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

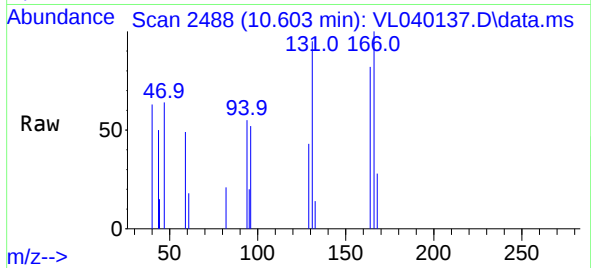
Tgt Ion:130 Resp: 2503
Ion Ratio Lower Upper
130 100
95 82.9 95.0 142.6#
132 82.5 77.9 116.9
97 61.0 62.6 93.8#





#52
Tetrachloroethene
Concen: 0.035 ppbv m
RT: 10.603 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

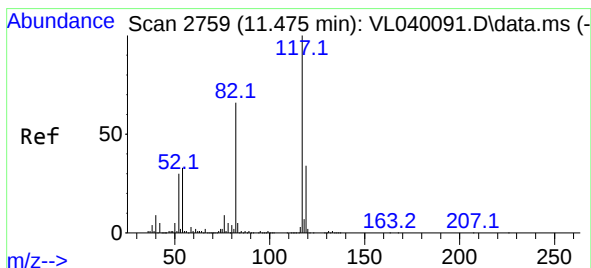
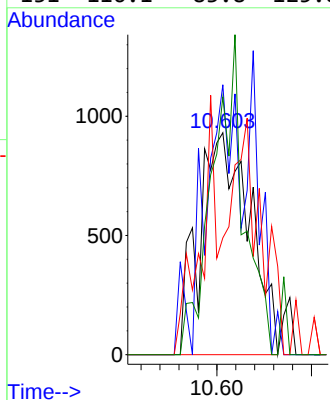
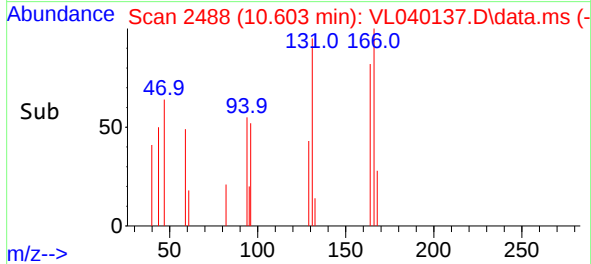
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion:164 Resp: 173
Ion Ratio Lower Upper
164 100
166 121.6 101.2 151.8
129 52.6 90.2 135.2
131 116.1 83.8 125.8

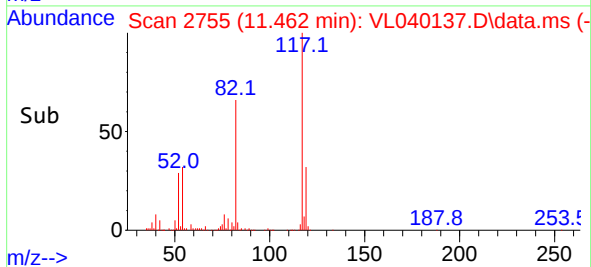
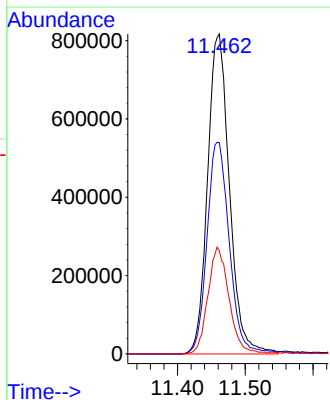
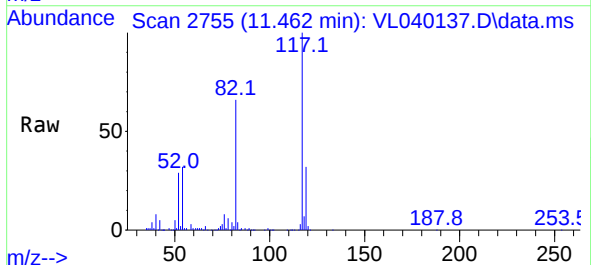
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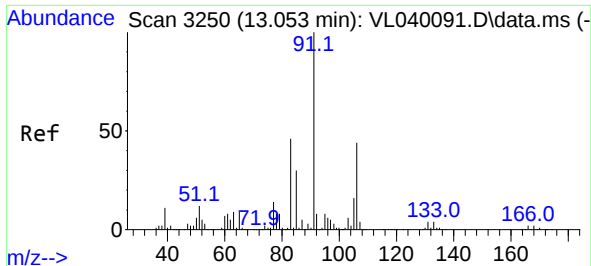
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. 0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

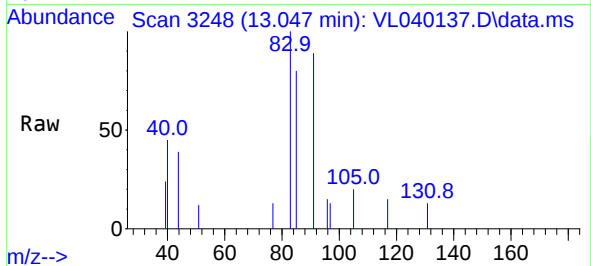
Tgt Ion:117 Resp: 1836060
Ion Ratio Lower Upper
117 100
82 68.2 54.4 81.6
119 32.6 26.8 40.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.027 ppbv m
RT: 13.047 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

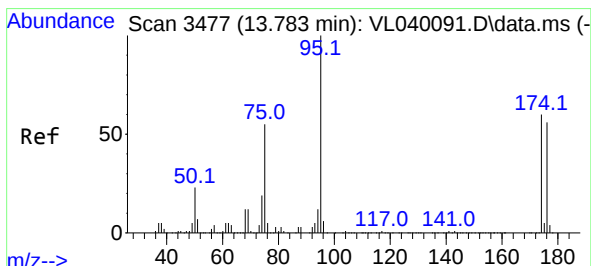
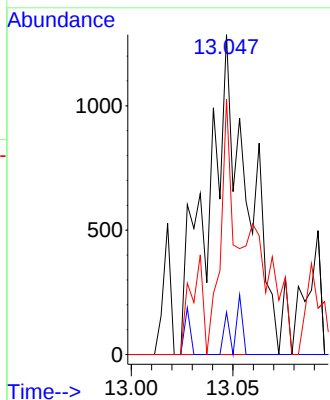
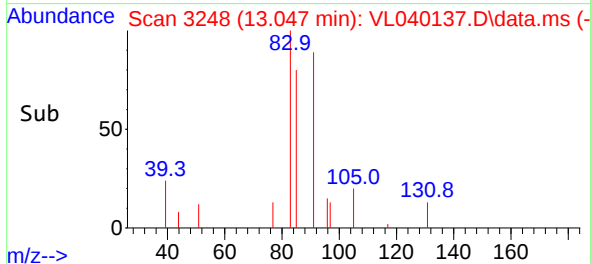
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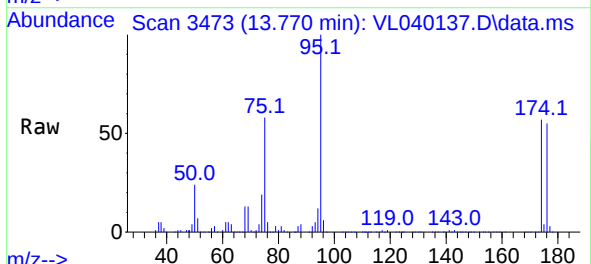
Tgt Ion: 83 Resp: 1744
Ion Ratio Lower Upper
83 100
131 0.0 4.3 13.1
85 76.6 32.5 97.5

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.723 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.000 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45



Tgt Ion: 95 Resp: 1483638
Ion Ratio Lower Upper
95 100
174 60.8 47.7 71.5
175 4.3 3.4 5.2

