

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040136.D
 Acq On : 30 Jan 2023 17:08
 Operator : SY/MD
 Sample : N4955-13 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2022

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 05:29:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 31 05:24:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	829044	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2104655	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.461	117	1841161	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1508927	9.861	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%
Target Compounds						
5) Vinyl Chloride	2.899	62	1477	0.028	ppbv	Qvalue 97
32) 1,1,1-Trichloroethane	5.983	97	3694m	0.030	ppbv	
35) Carbon Tetrachloride	6.478	117	3029m	0.025	ppbv	
38) Trichloroethene	7.282	130	2713m	0.031	ppbv	
52) Tetrachloroethene	10.600	164	1675m	0.033	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.047	83	2079m	0.033	ppbv	

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

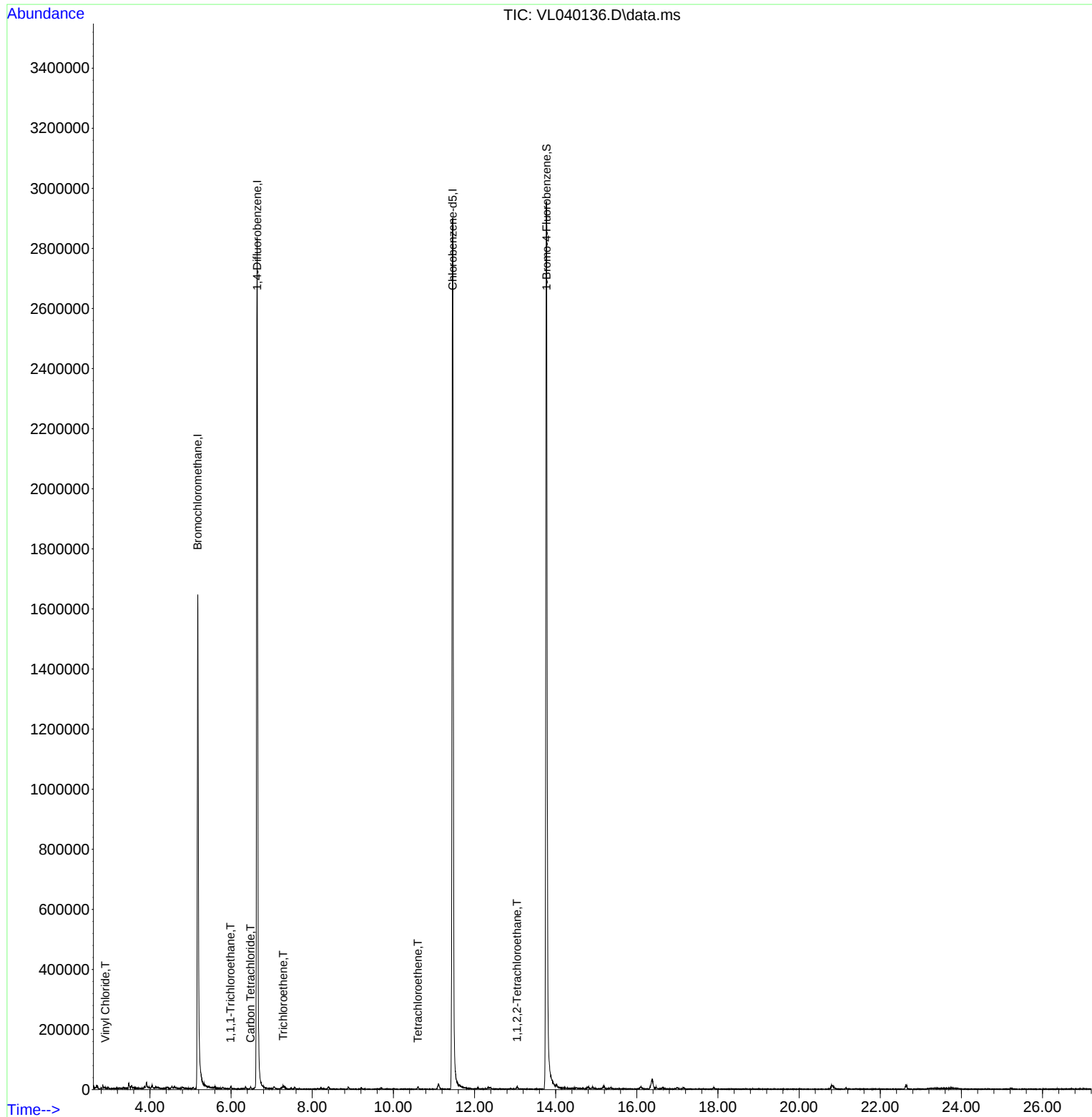
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
Data File : VL040136.D
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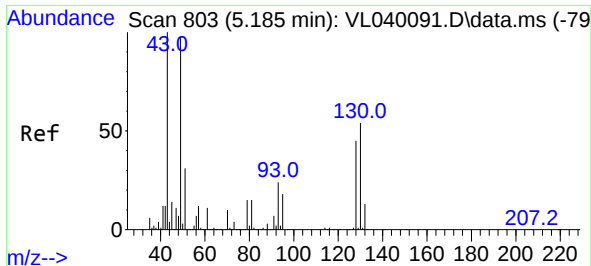
Instrument :
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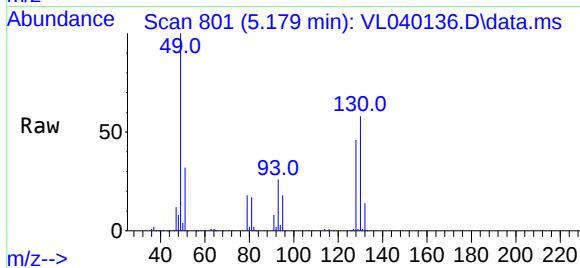
Reviewed By : Semsettin Yesilyurt 01/31/2023
Supervised By : Mahesh Dadoda 01/31/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

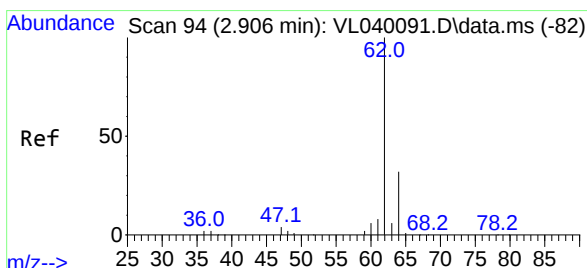
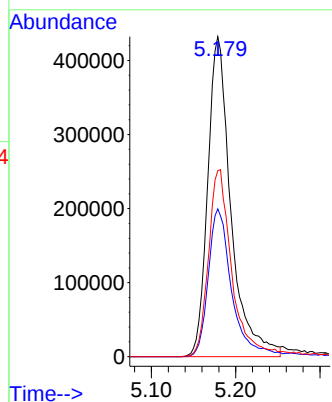
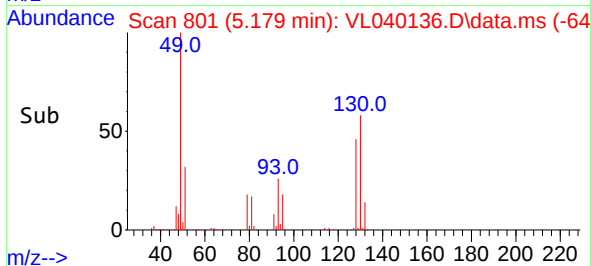
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 49 Resp: 829044
Ion Ratio Lower Upper
49 100
128 47.7 23.6 71.0
130 60.6 29.8 89.3

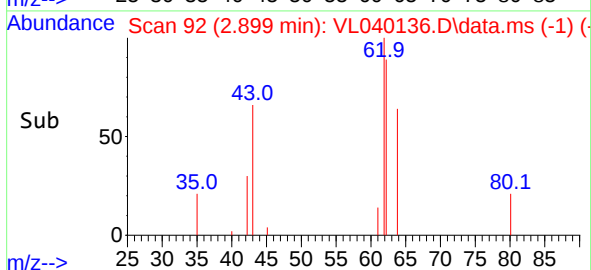
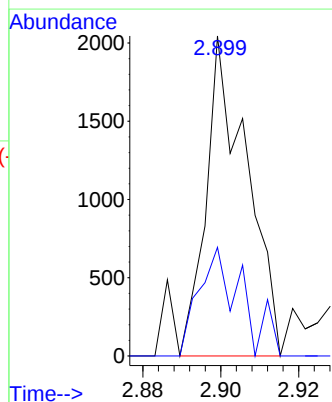
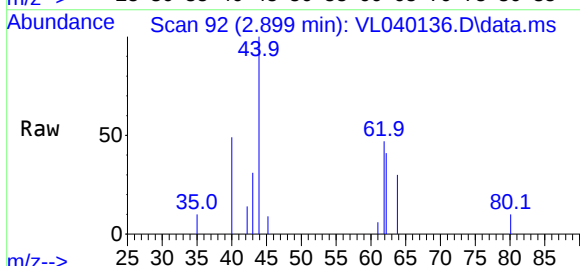
Manual Integrations
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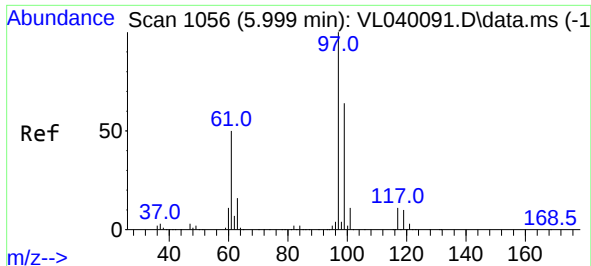
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#5
Vinyl Chloride
Concen: 0.028 ppbv
RT: 2.899 min Scan# 92
Delta R.T. -0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 62 Resp: 1477
Ion Ratio Lower Upper
62 100
64 34.0 25.8 38.6





#32

1,1,1-Trichloroethane

Concen: 0.030 ppbv m

RT: 5.983 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2022

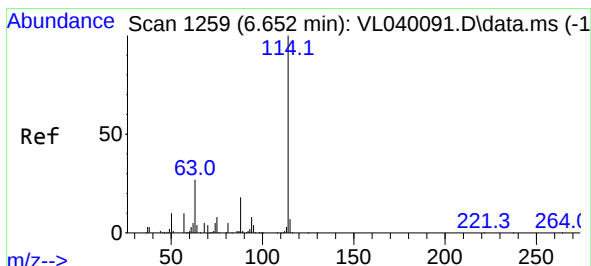
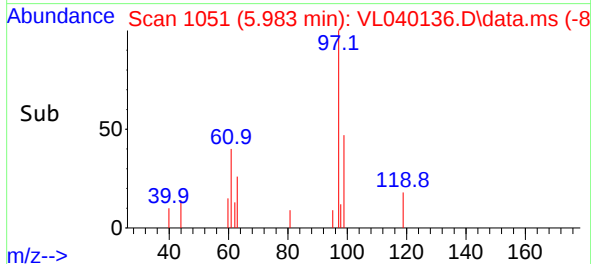
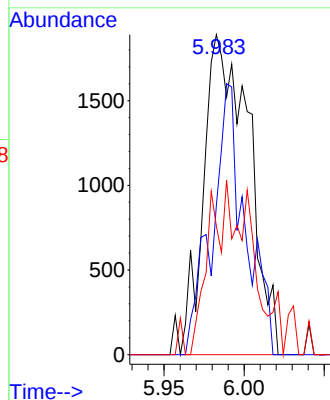
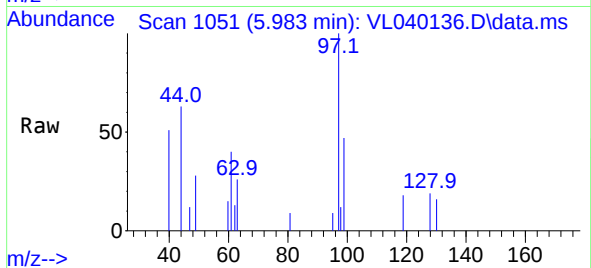
Tgt Ion: 97 Resp: 3694

Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.8	77.6
61	55.6	40.4	60.6

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1256

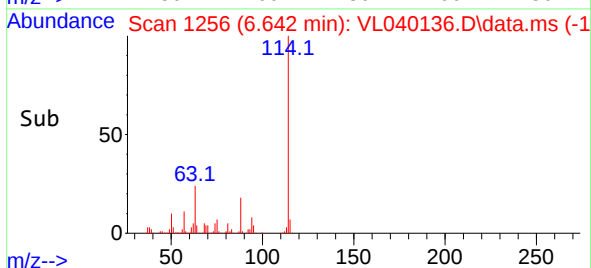
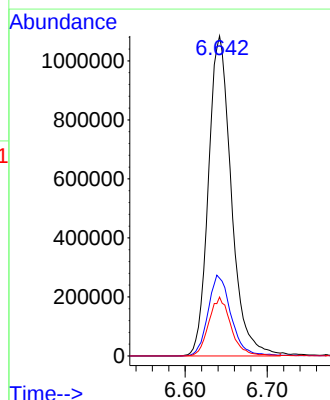
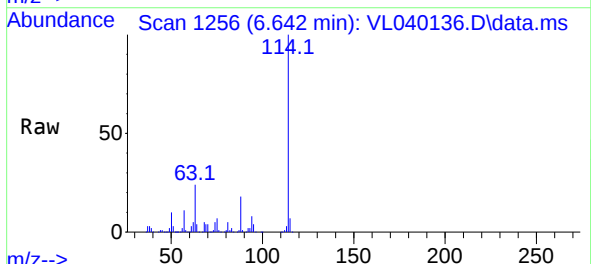
Delta R.T. -0.000 min

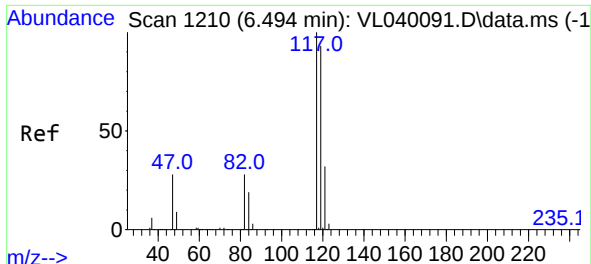
Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Tgt Ion:114 Resp: 2104655

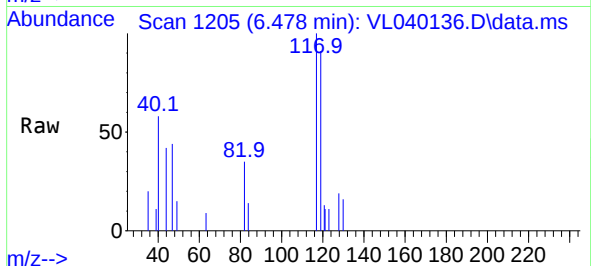
Ion	Ratio	Lower	Upper
114	100		
63	25.7	21.8	32.8
88	18.0	14.8	22.2





#35
Carbon Tetrachloride
Concen: 0.025 ppbv m
RT: 6.478 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

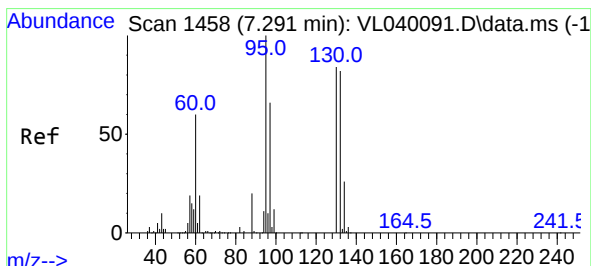
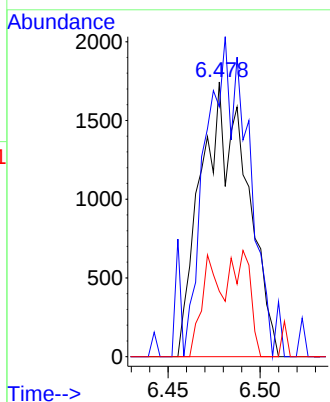
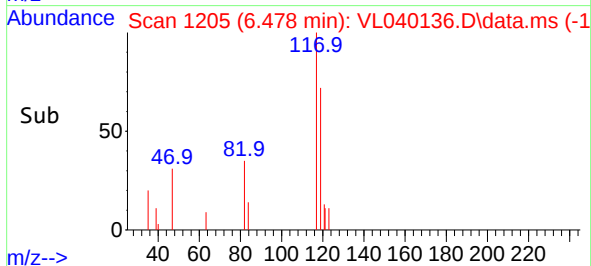
Instrument : MSVOA_L
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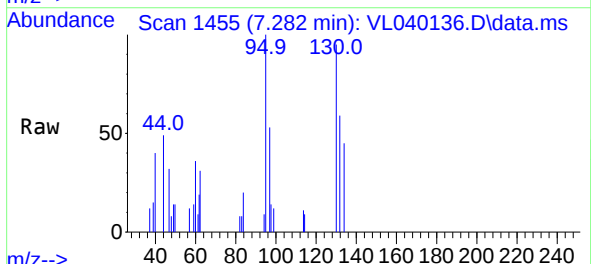
Tgt Ion:117 Resp: 3029
Ion Ratio Lower Upper
117 100
119 90.9 74.5 111.7
121 13.1 25.4 38.0

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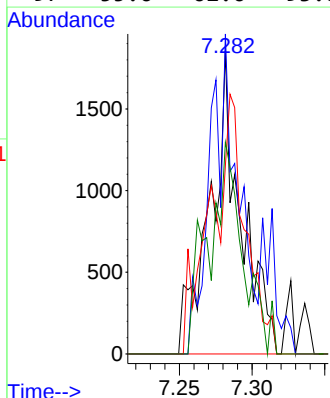
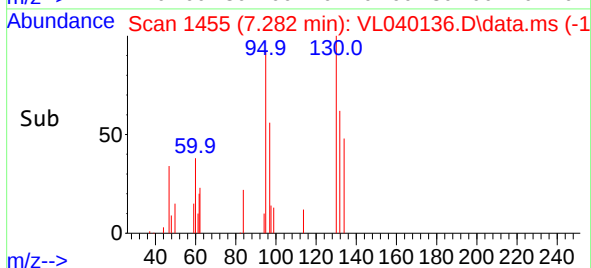
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

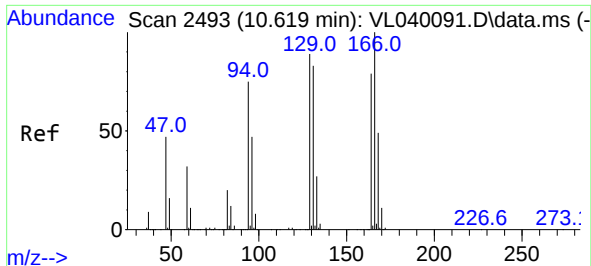


#38
Trichloroethene
Concen: 0.031 ppbv m
RT: 7.282 min Scan# 1455
Delta R.T. 0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08



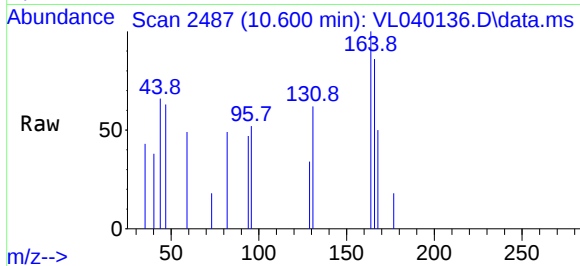
Tgt Ion:130 Resp: 2713
Ion Ratio Lower Upper
130 100
95 105.8 95.0 142.6
132 62.4 77.9 116.9#
97 55.6 62.6 93.8#





#52
Tetrachloroethene
Concen: 0.033 ppbv m
RT: 10.600 min Scan# 2493
Delta R.T. -0.006 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

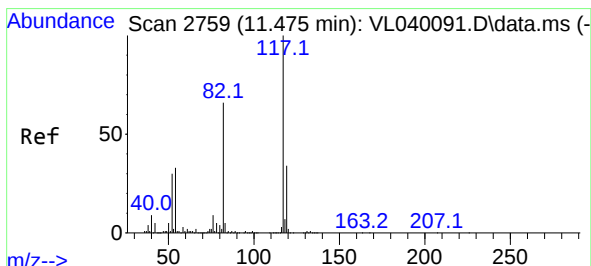
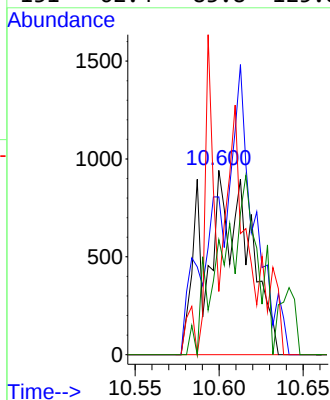
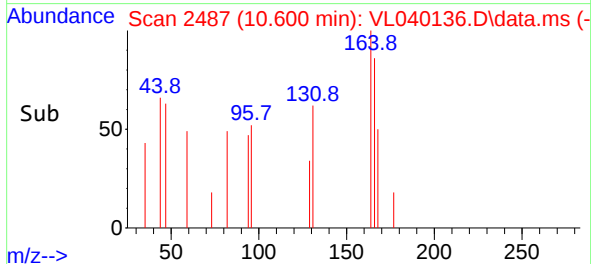
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion:164 Resp: 1679
Ion Ratio Lower Upper
164 100
166 85.6 101.2 151.8
129 34.3 90.2 135.2
131 62.4 83.8 125.8

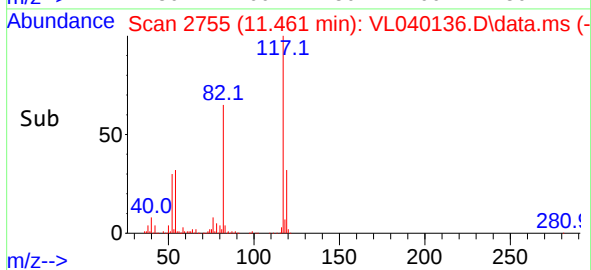
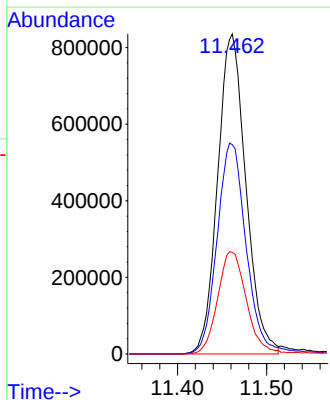
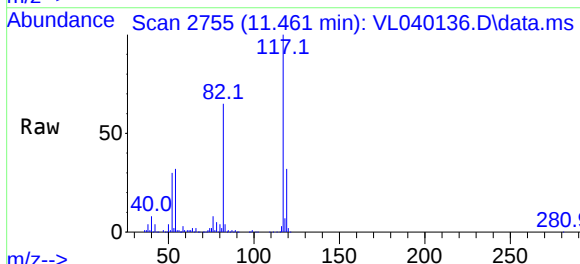
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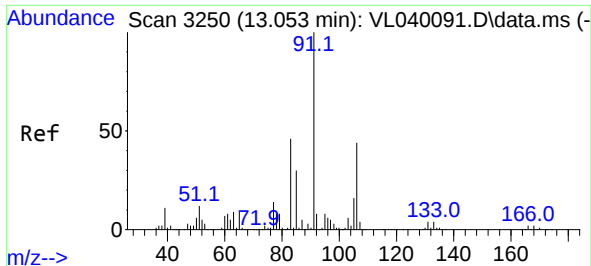
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.461 min Scan# 2755
Delta R.T. 0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

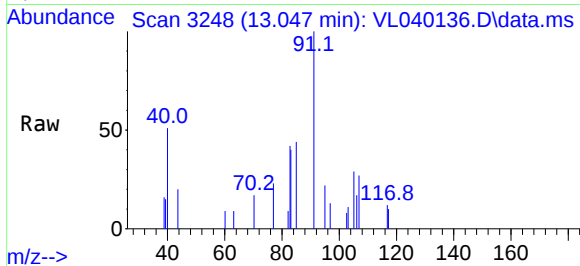
Tgt Ion:117 Resp: 1841161
Ion Ratio Lower Upper
117 100
82 68.9 54.4 81.6
119 33.3 26.8 40.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.033 ppbv m
RT: 13.047 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

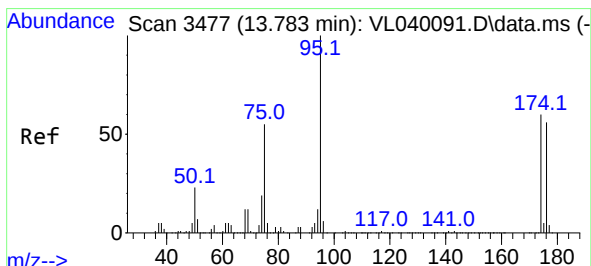
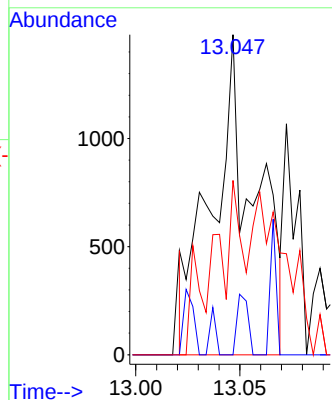
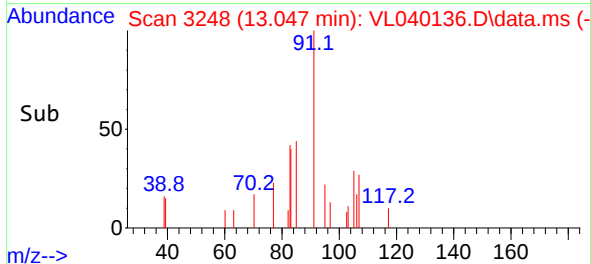
Instrument :
MSVOA_L
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LOD-MDL-AIR-01-QT4-2022



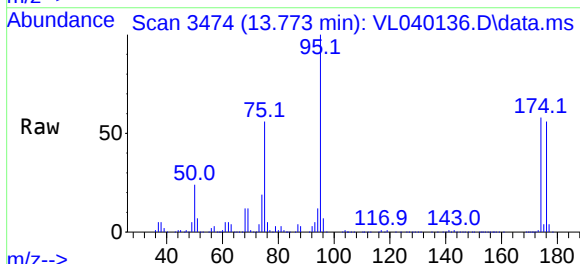
Tgt Ion: 83 Resp: 2079
Ion Ratio Lower Upper
83 100
131 0.0 4.3 13.1
85 80.6 32.5 97.5

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.861 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08



Tgt Ion: 95 Resp: 1508927
Ion Ratio Lower Upper
95 100
174 60.6 47.7 71.5
175 4.2 3.4 5.2

