

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050924\
 Data File : VL041256.D
 Acq On : 9 May 2024 13:23
 Operator : SY/MD
 Sample : P2403-15 MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

Quant Time: May 10 02:09:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri May 10 01:23:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	768482	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	1997985	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	1815331	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1374537	10.030	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						
					Qvalue	
35) Carbon Tetrachloride	6.504	117	4512m	0.040	ppbv	
38) Trichloroethene	7.301	130	2456m	0.039	ppbv	
52) Tetrachloroethene	10.626	164	1901m	0.032	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.069	83	4937m	0.037	ppbv	

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

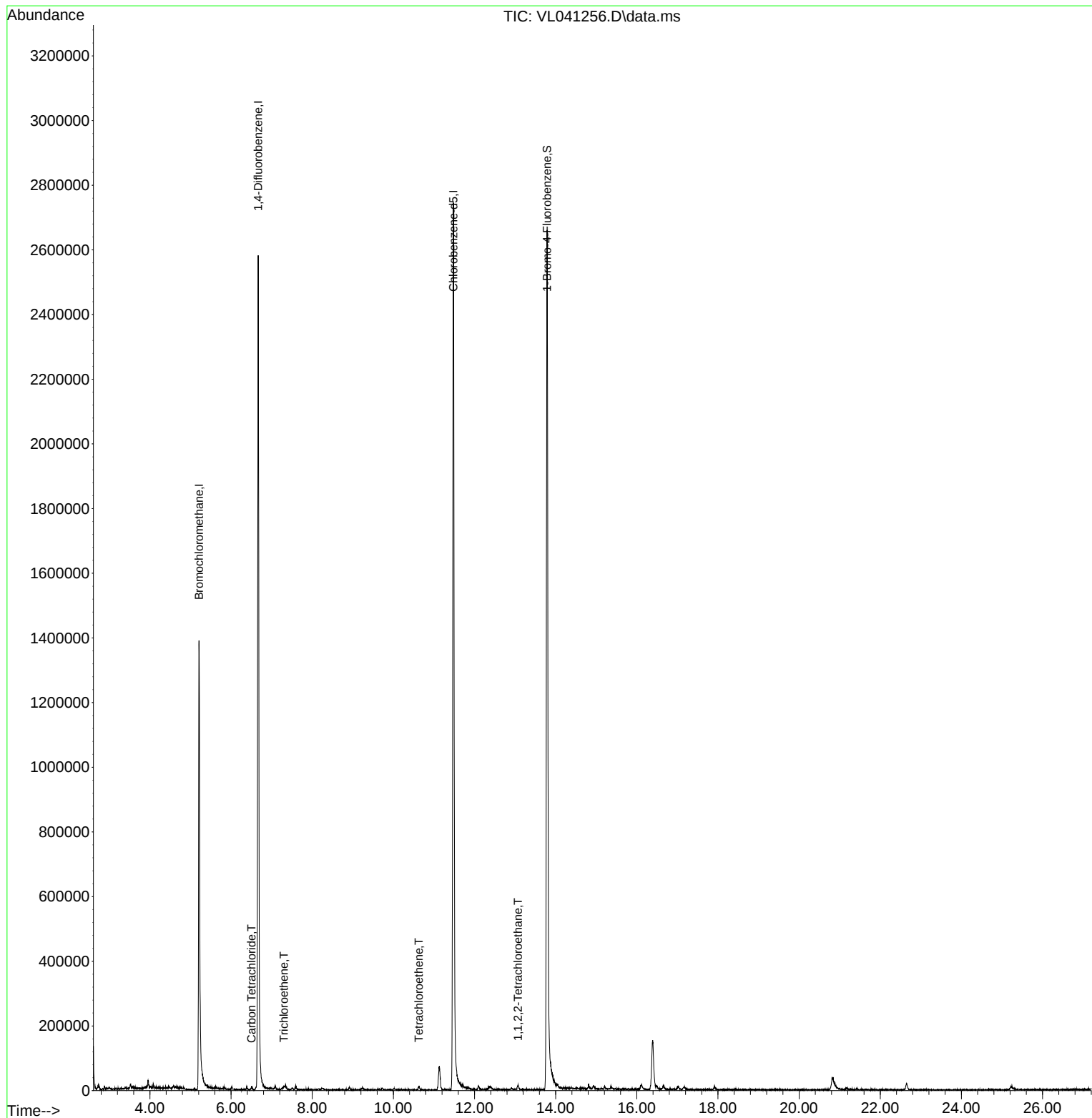
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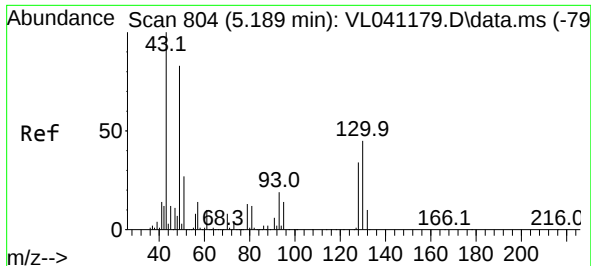
Instrument :
MSVOA_L
ClientSampleId :
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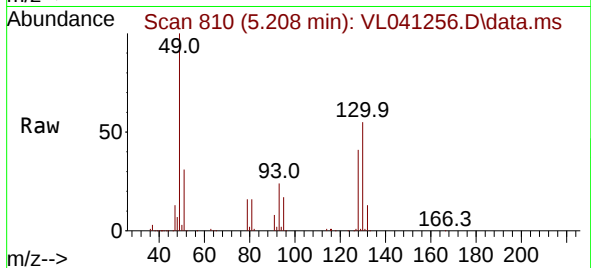
Reviewed By : Semsettin Yesilyurt 05/10/2024
Supervised By : Mahesh Dadoda 05/10/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

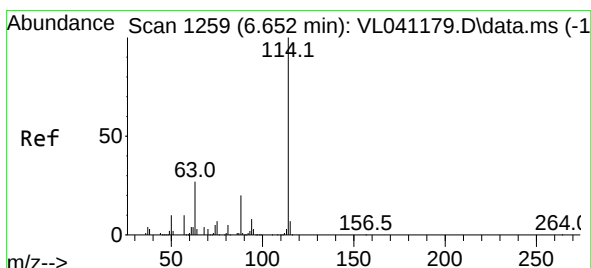
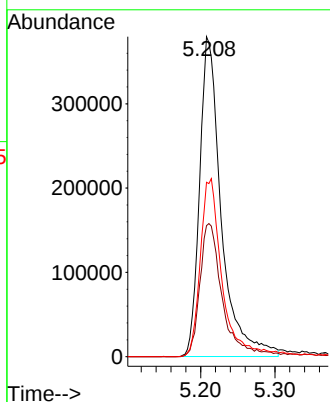
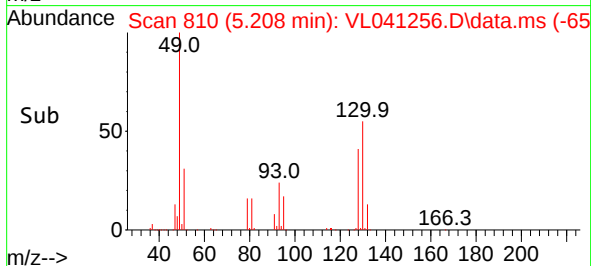
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



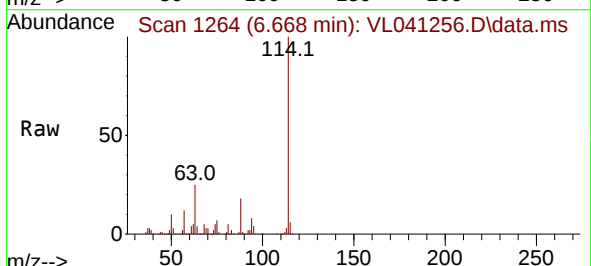
Tgt Ion: 49 Resp: 76848
Ion Ratio Lower Upper
49 100
128 44.6 21.5 64.5
130 58.0 27.2 81.6

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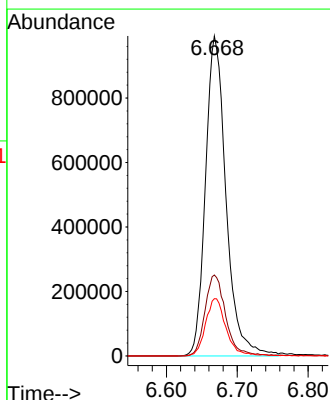
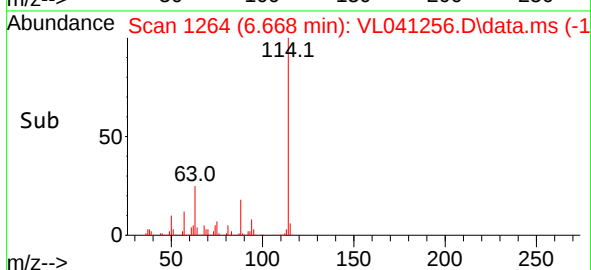
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Supervised By :Mahesh Dadoda 05/10/2024

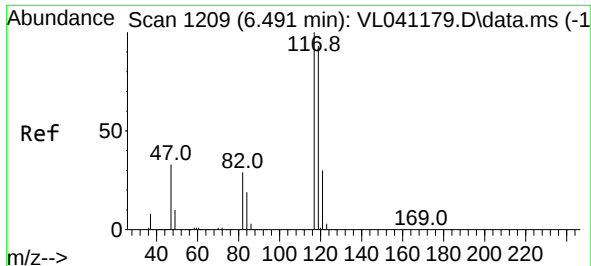


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23



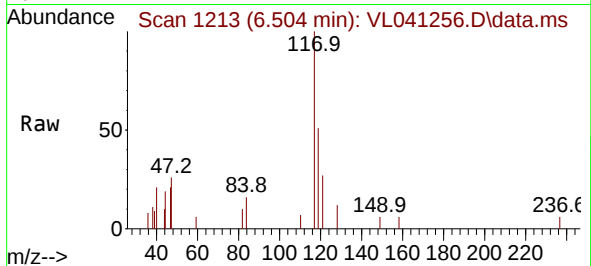
Tgt Ion:114 Resp: 1997985
Ion Ratio Lower Upper
114 100
63 25.7 21.8 32.6
88 17.9 15.2 22.8





#35
Carbon Tetrachloride
Concen: 0.040 ppbv m
RT: 6.504 min Scan# 117
Delta R.T. -0.006 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

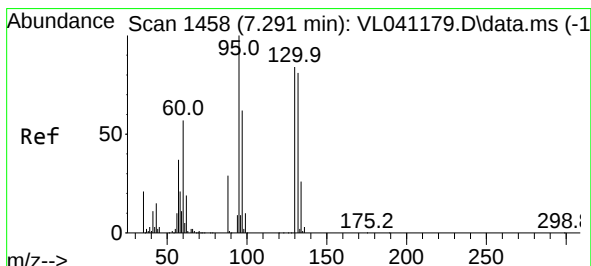
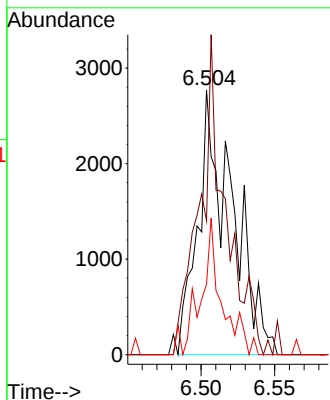
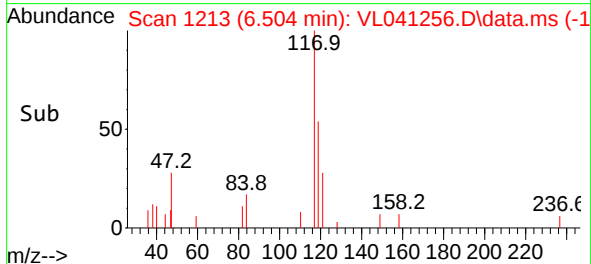
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2024



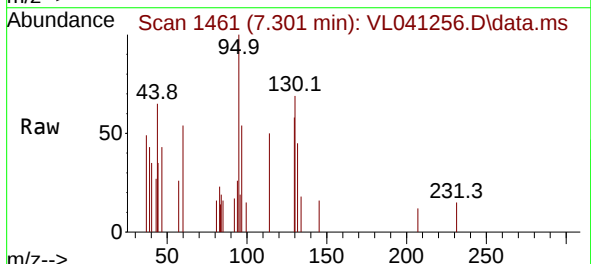
Tgt Ion:117 Resp: 4512
Ion Ratio Lower Upper
117 100
119 50.5 74.3 111.5#
121 26.6 23.8 35.8

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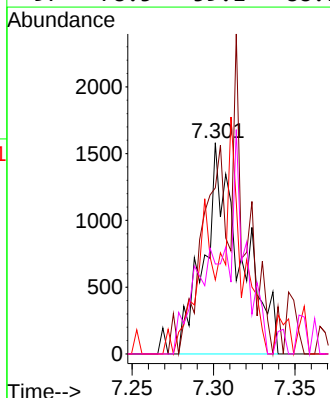
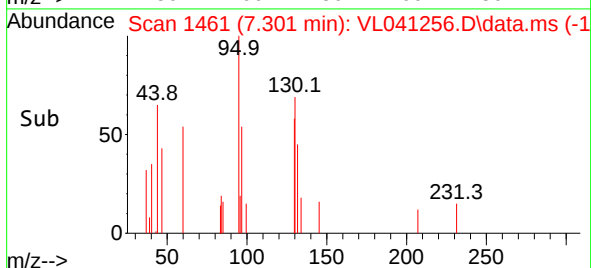
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

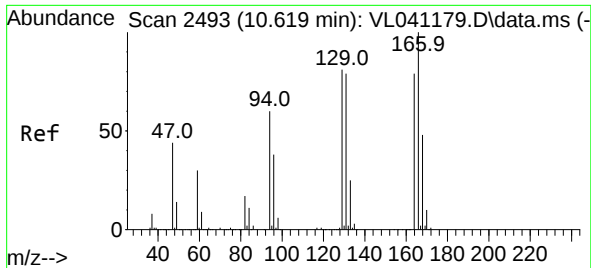


#38
Trichloroethene
Concen: 0.039 ppbv m
RT: 7.301 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23



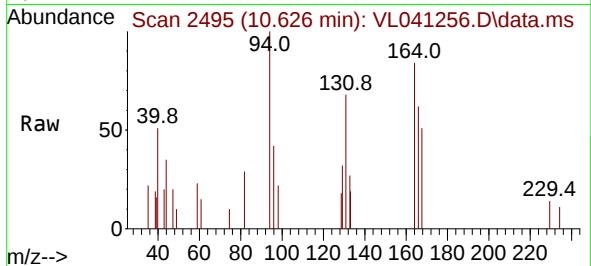
Tgt Ion:130 Resp: 2456
Ion Ratio Lower Upper
130 100
95 145.0 95.0 142.6#
132 64.8 77.0 115.4#
97 78.5 59.1 88.7





#52
Tetrachloroethene
Concen: 0.032 ppbv m
RT: 10.626 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

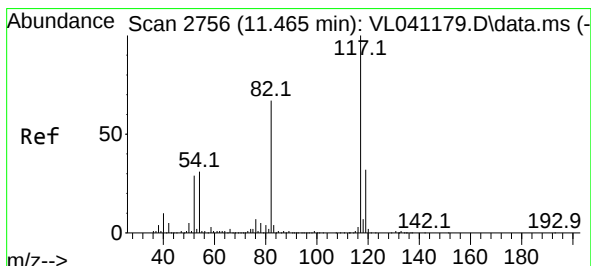
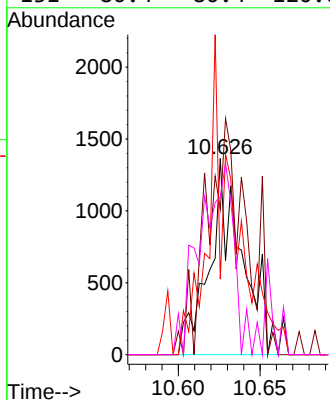
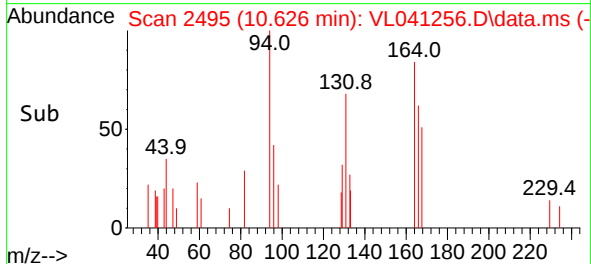
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ClientSampleId :
MDL-AIR-03-QT2-2024



Tgt Ion:164 Resp: 190
Ion Ratio Lower Upper
164 100
166 74.1 101.1 151.7
129 38.5 81.7 122.5
131 80.4 80.4 120.6

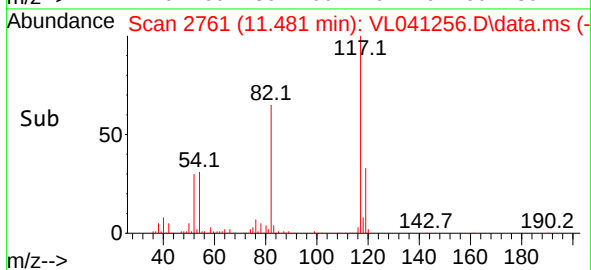
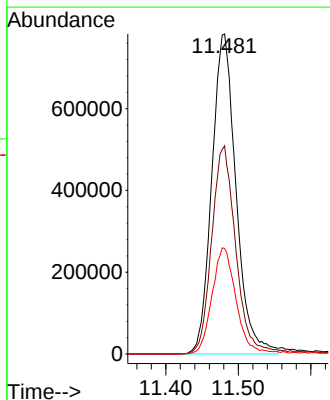
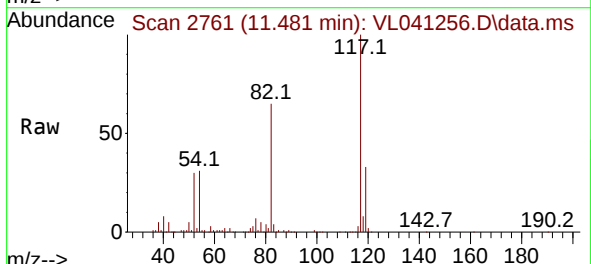
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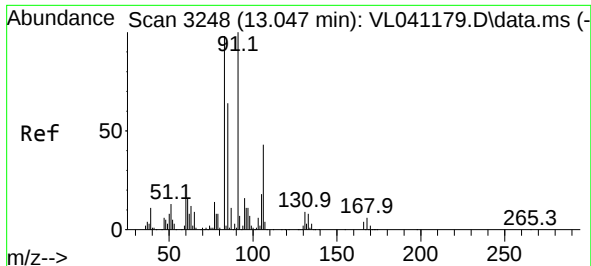
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.000 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

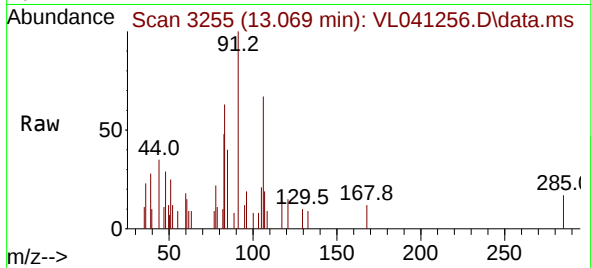
Tgt Ion:117 Resp: 1815331
Ion Ratio Lower Upper
117 100
82 65.9 53.6 80.4
119 33.2 27.2 40.8





#63
1,1,2,2-Tetrachloroethane
Concen: 0.037 ppbv m
RT: 13.069 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

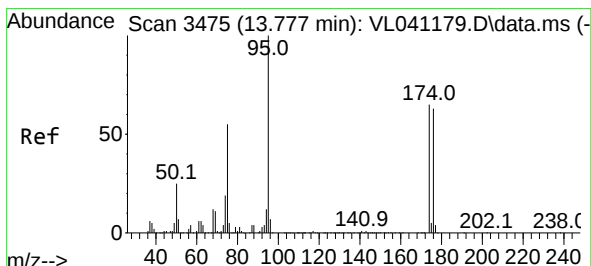
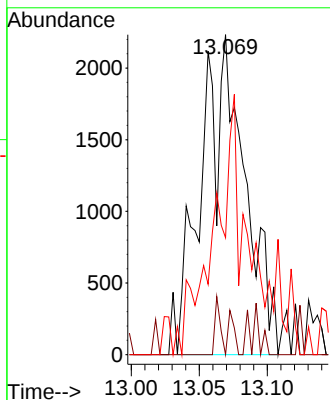
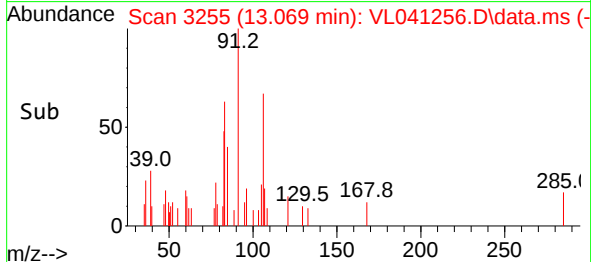
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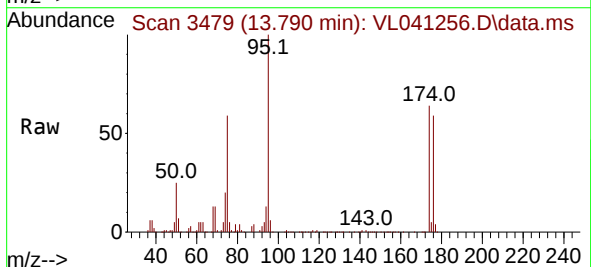
Tgt Ion: 83 Resp: 493
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5
85 0.0 32.7 98.1

Manual Integrations
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Supervised By :Mahesh Dadoda 05/10/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.030 ppbv
RT: 13.790 min Scan# 3479
Delta R.T. 0.003 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23



Tgt Ion: 95 Resp: 1374537
Ion Ratio Lower Upper
95 100
174 66.7 53.6 80.4
175 4.8 4.2 6.4

