

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012524\
 Data File : VL041030.D
 Acq On : 25 Jan 2024 15:18
 Operator : SY/MD
 Sample : P1187-15 MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2024DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024

Quant Time: Jan 26 00:28:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Jan 26 00:23:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	971677	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2424003	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2061781m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1570336	10.084	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.909	62	2011m	0.033	ppbv	
32) 1,1,1-Trichloroethane	5.992	97	5218m	0.032	ppbv	
35) Carbon Tetrachloride	6.488	117	6060m	0.037	ppbv	
38) Trichloroethene	7.282	130	2078m	0.026	ppbv	
52) Tetrachloroethene	10.597	164	1909m	0.029	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.047	83	6989m	0.039	ppbv	

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

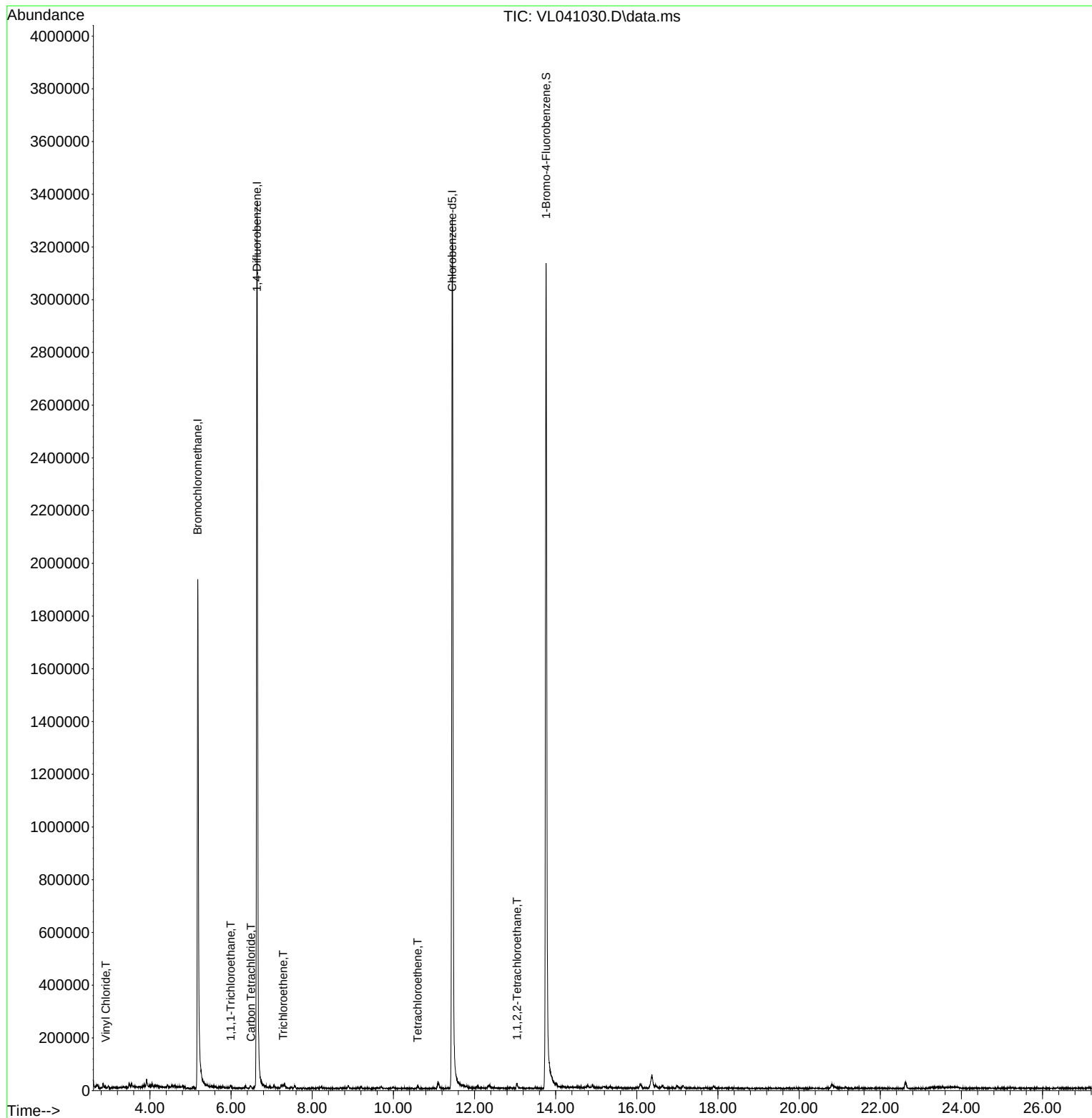
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012524\
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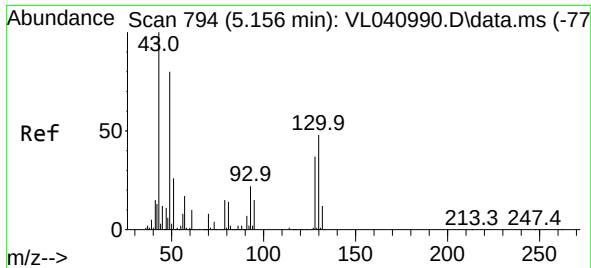
Instrument :
MSVOA_L
ClientSampleId :
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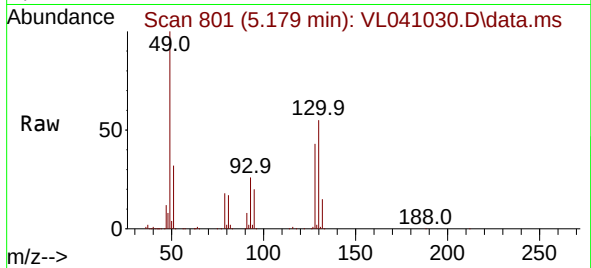
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041030.D
Acq: 25 Jan 2024 15:18

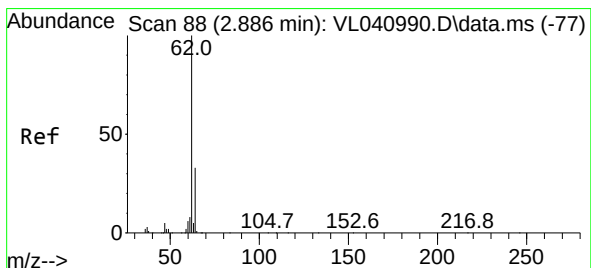
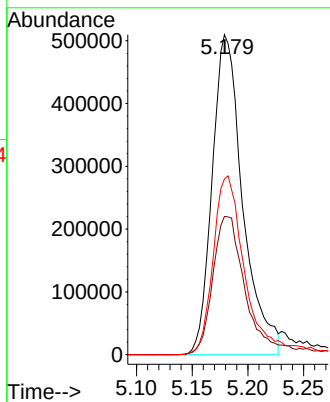
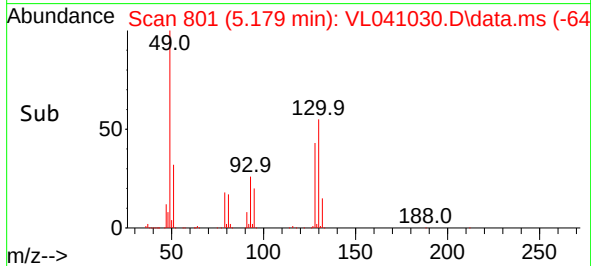
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



Tgt Ion: 49 Resp: 97167
Ion Ratio Lower Upper
49 100
128 47.9 23.9 71.7
130 60.5 31.1 93.5

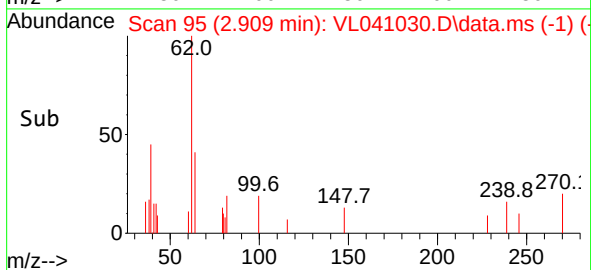
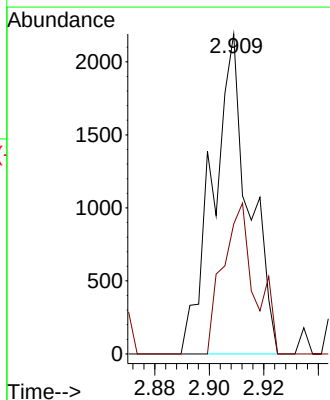
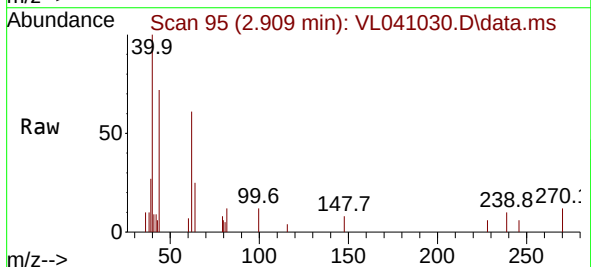
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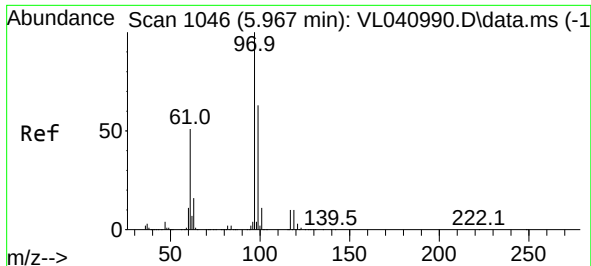
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#5
Vinyl Chloride
Concen: 0.033 ppbv m
RT: 2.909 min Scan# 95
Delta R.T. 0.003 min
Lab File: VL041030.D
Acq: 25 Jan 2024 15:18

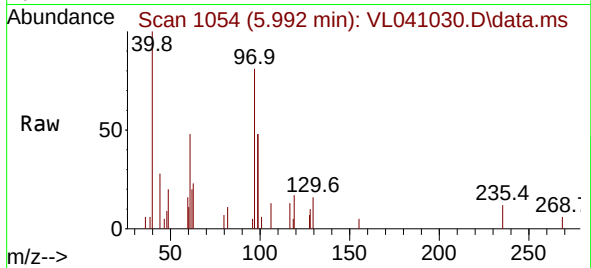
Tgt Ion: 62 Resp: 2011
Ion Ratio Lower Upper
62 100
64 40.6 26.6 40.0#





#32
1,1,1-Trichloroethane
Concen: 0.032 ppbv m
RT: 5.992 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VL041030.D
Acq: 25 Jan 2024 15:18

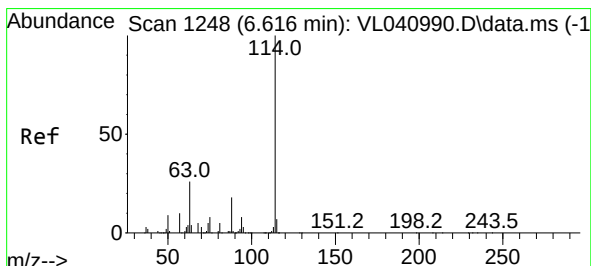
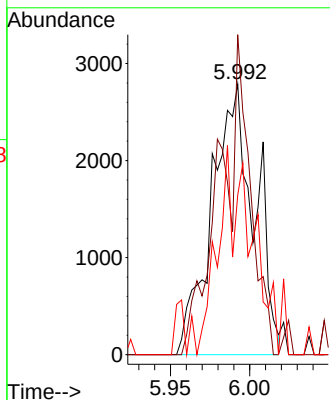
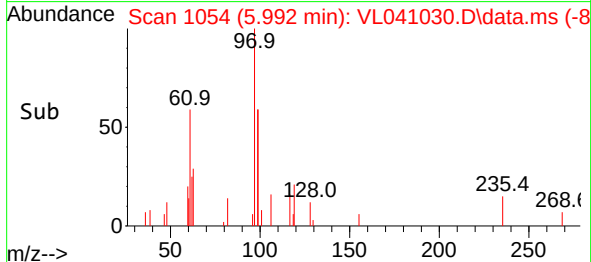
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



Tgt Ion: 97 Resp: 5218
Ion Ratio Lower Upper
97 100
99 87.1 51.5 77.3
61 69.7 40.3 60.5

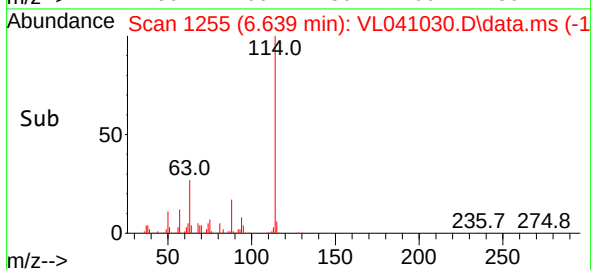
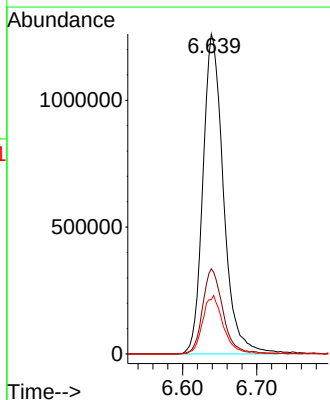
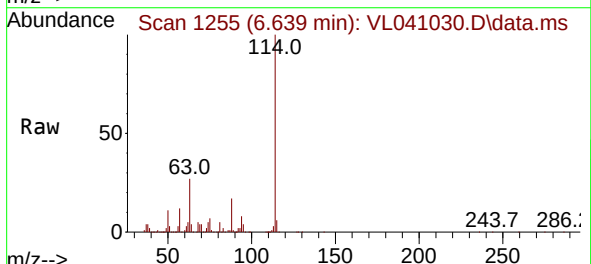
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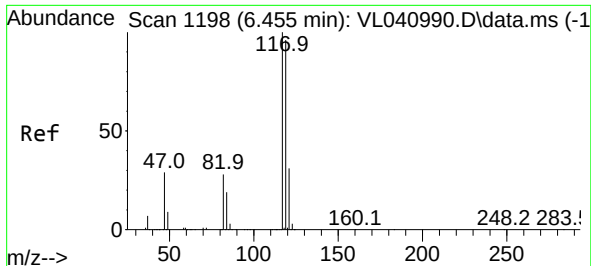
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VL041030.D
Acq: 25 Jan 2024 15:18

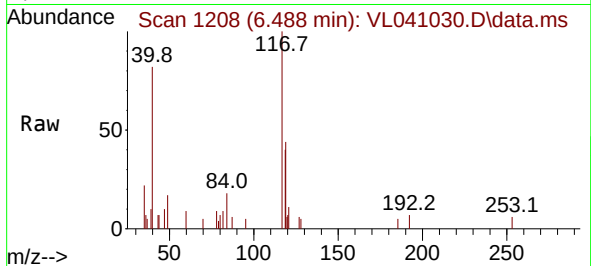
Tgt Ion:114 Resp: 2424003
Ion Ratio Lower Upper
114 100
63 26.7 20.8 31.2
88 18.5 14.3 21.5





#35
Carbon Tetrachloride
Concen: 0.037 ppbv m
RT: 6.488 min Scan# 1198
Delta R.T. 0.006 min
Lab File: VL041030.D
Acq: 25 Jan 2024 15:18

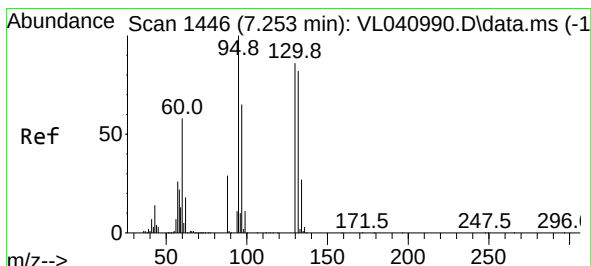
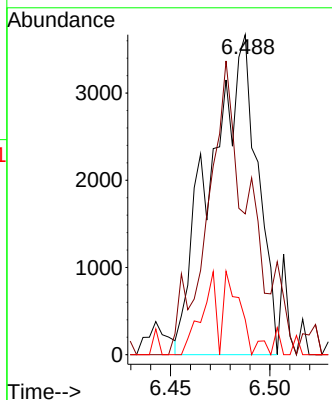
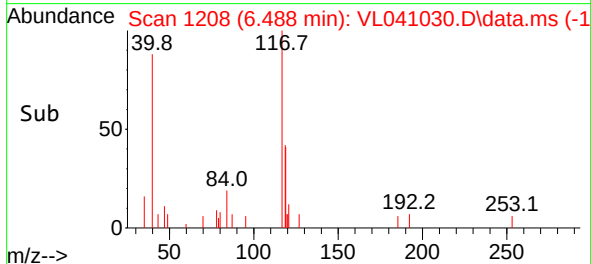
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT1-2024DL



Tgt Ion:117 Resp: 6060
Ion Ratio Lower Upper
117 100
119 44.0 76.9 115.3#
121 11.0 24.7 37.1#

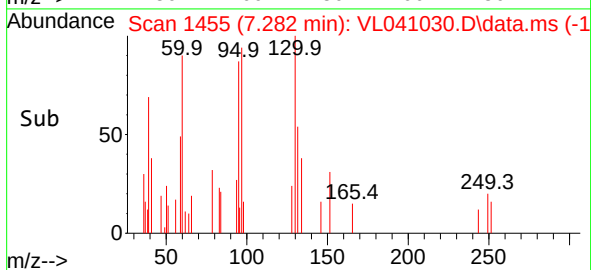
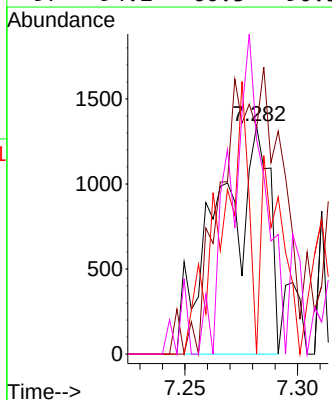
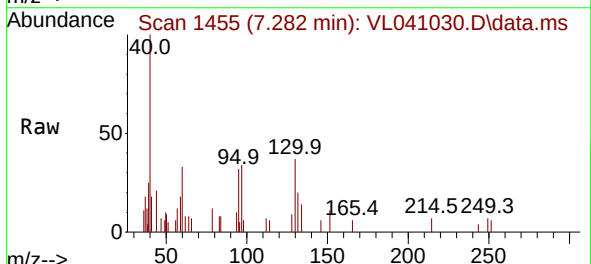
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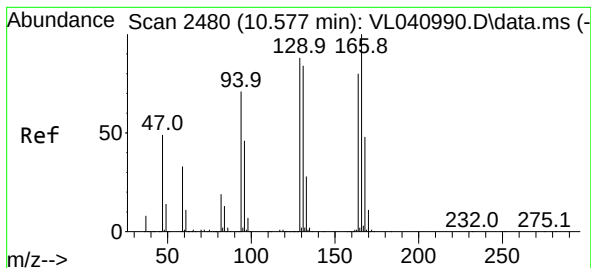
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#38
Trichloroethene
Concen: 0.026 ppbv m
RT: 7.282 min Scan# 1455
Delta R.T. 0.003 min
Lab File: VL041030.D
Acq: 25 Jan 2024 15:18

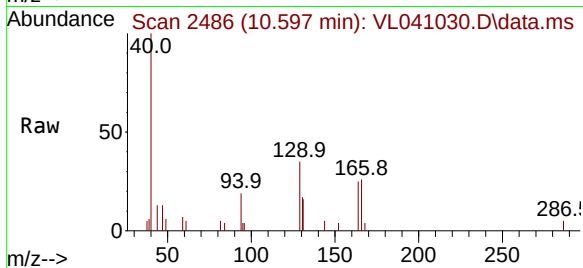
Tgt Ion:130 Resp: 2078
Ion Ratio Lower Upper
130 100
95 86.6 92.9 139.3#
132 0.0 76.2 114.2#
97 94.2 60.3 90.5#





#52
Tetrachloroethene
Concen: 0.029 ppbv m
RT: 10.597 min Scan# 2480
Delta R.T. -0.006 min
Lab File: VL041030.D
Acq: 25 Jan 2024 15:18

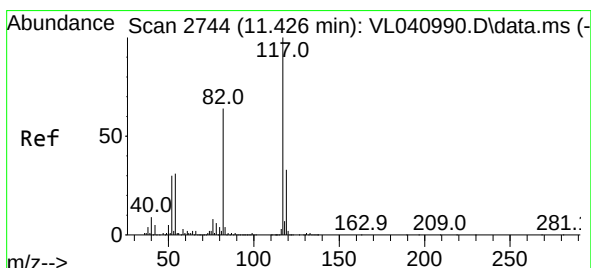
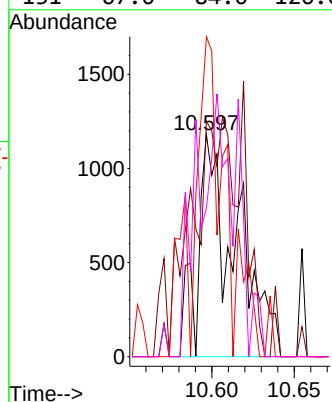
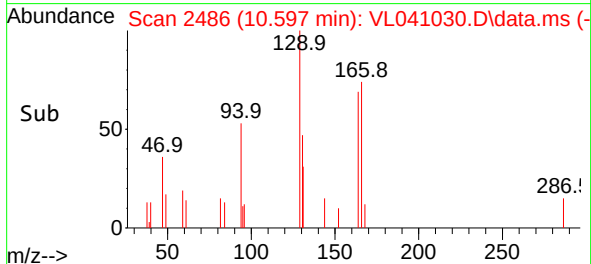
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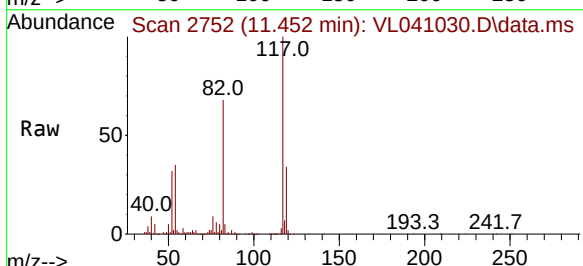
Tgt Ion:164 Resp: 1909
Ion Ratio Lower Upper
164 100
166 106.2 100.2 150.2
129 144.2 87.9 131.9
131 67.0 84.0 126.0#

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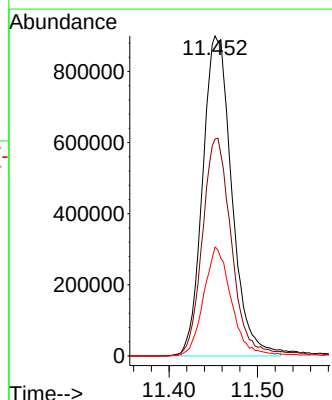
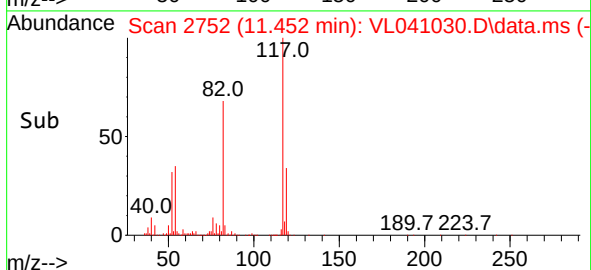
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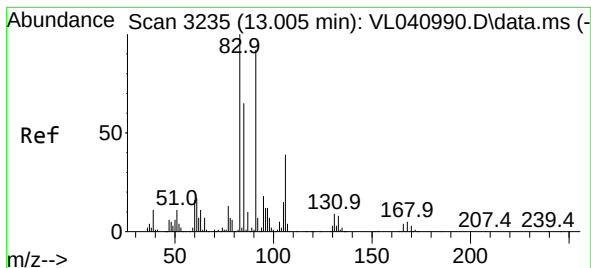


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.452 min Scan# 2752
Delta R.T. -0.003 min
Lab File: VL041030.D
Acq: 25 Jan 2024 15:18



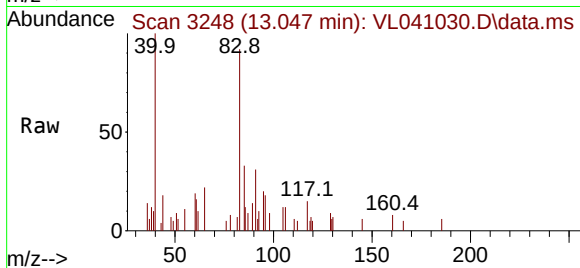
Tgt Ion:117 Resp: 2061781
Ion Ratio Lower Upper
117 100
82 68.8 51.7 77.5
119 32.7 23.8 35.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.039 ppbv m
RT: 13.047 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041030.D
Acq: 25 Jan 2024 15:18

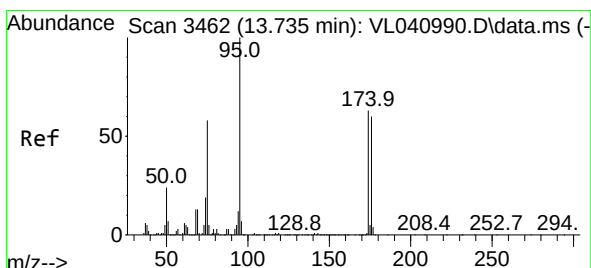
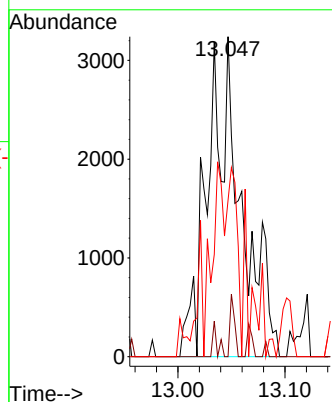
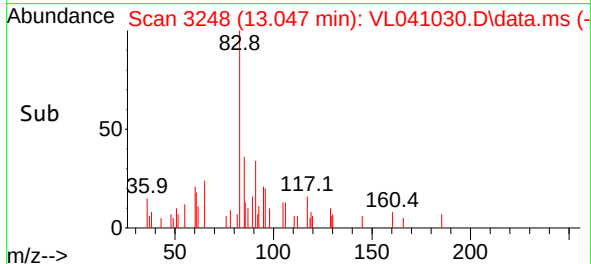
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 83 Resp: 6989
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8
85 54.6 33.0 99.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.084 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. 0.000 min
Lab File: VL041030.D
Acq: 25 Jan 2024 15:18

Tgt Ion: 95 Resp: 1570336
Ion Ratio Lower Upper
95 100
174 60.4 49.1 73.7
175 4.4 3.7 5.5

