

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
 Data File : VL040961.D
 Acq On : 22 Dec 2023 16:56
 Operator : SY/MD
 Sample : QC112823 CAN 10306
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC112823 CAN 10306

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2023
 Supervised By :Mahesh Dadoda 12/26/2023

Quant Time: Dec 23 01:22:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Dec 22 23:57:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1002087	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2394506	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	1996874	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	1499979	10.198	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%
Target Compounds						
						Qvalue
20) Methylene Chloride	3.951	84	13773m	0.322	ppbv	
52) Tetrachloroethene	10.590	164	40191m	0.637	ppbv	

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

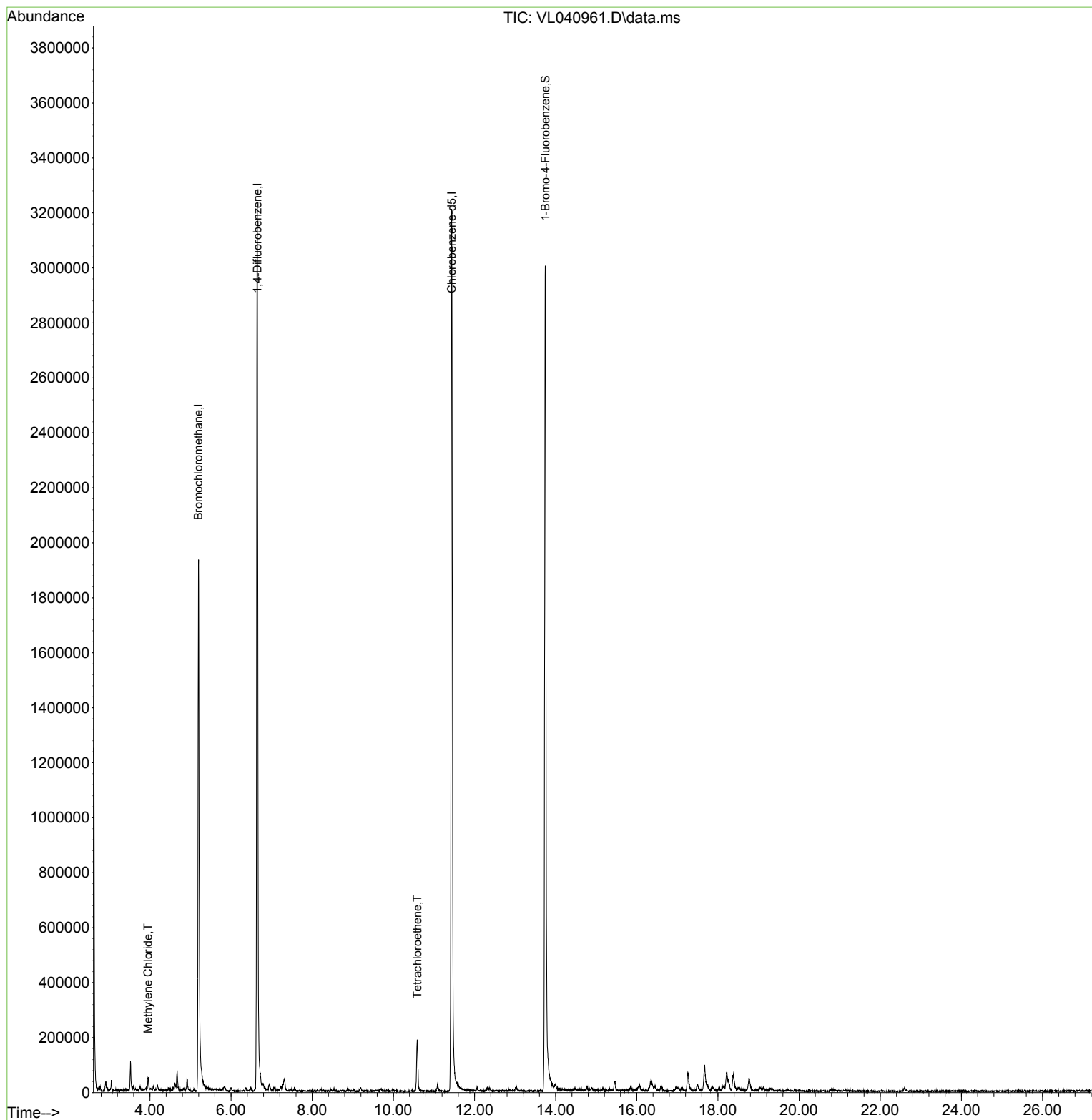
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
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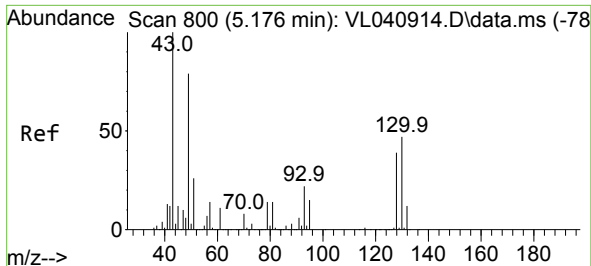
Instrument :
MSVOA_L
ClientSampleId :
QC112823 CAN 10306

Quant Time: Dec 23 01:22:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Dec 22 23:57:16 2023
Response via : Initial Calibration

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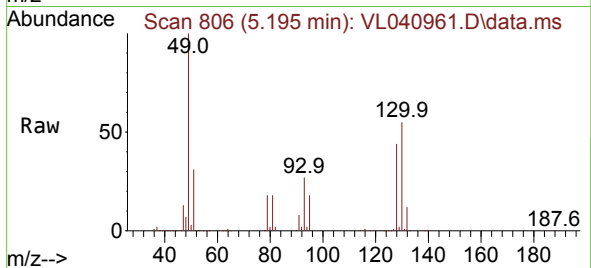
Reviewed By : Semsettin Yesilyurt 12/23/2023
Supervised By : Mahesh Dadoda 12/26/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 800
Delta R.T. -0.000 min
Lab File: VL040961.D
Acq: 22 Dec 2023 16:56

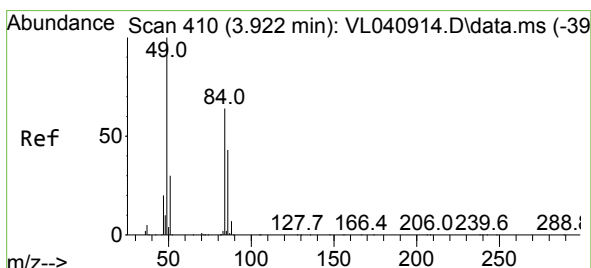
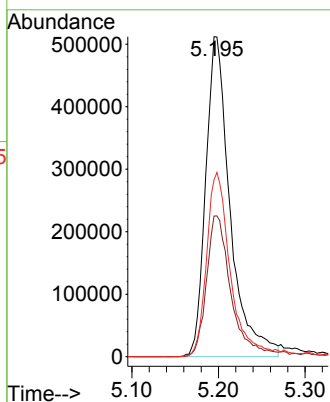
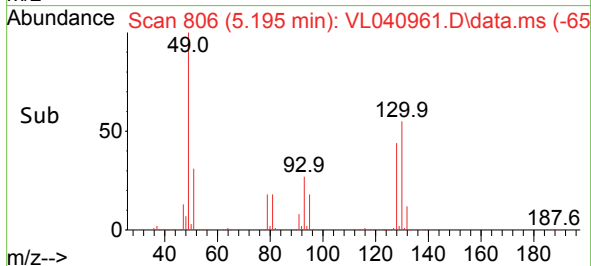
Instrument :
MSVOA_L
ClientSampleId :
QC112823 CAN 10306



Tgt Ion: 49 Resp: 100208
Ion Ratio Lower Upper
49 100
128 46.4 23.8 71.2
130 58.7 30.1 90.5

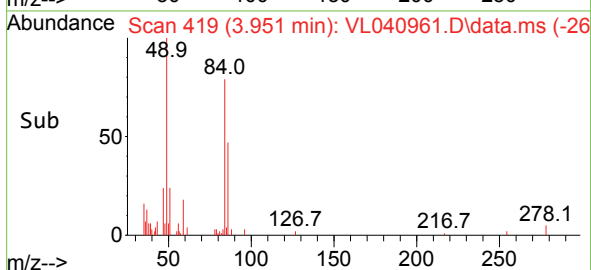
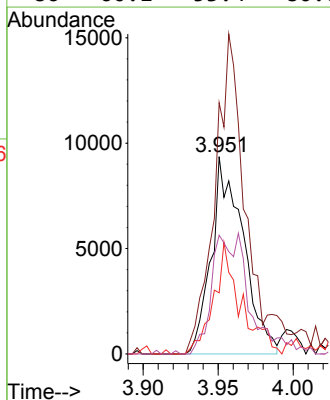
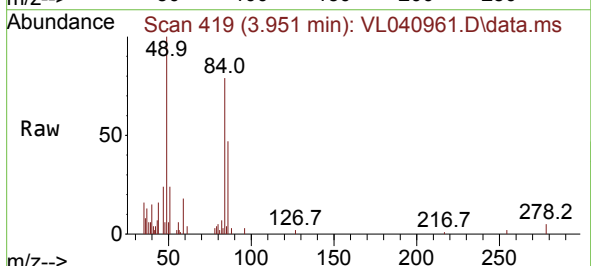
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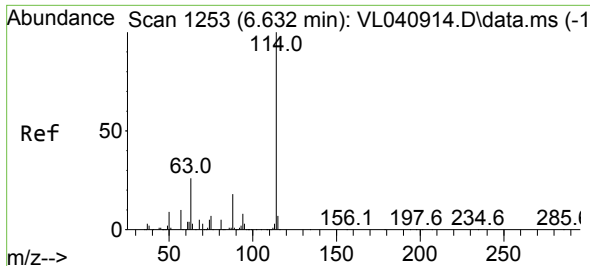
Reviewed By :Semsettin Yesilyurt 12/23/2023
Supervised By :Mahesh Dadoda 12/26/2023



#20
Methylene Chloride
Concen: 0.322 ppbv m
RT: 3.951 min Scan# 419
Delta R.T. -0.000 min
Lab File: VL040961.D
Acq: 22 Dec 2023 16:56

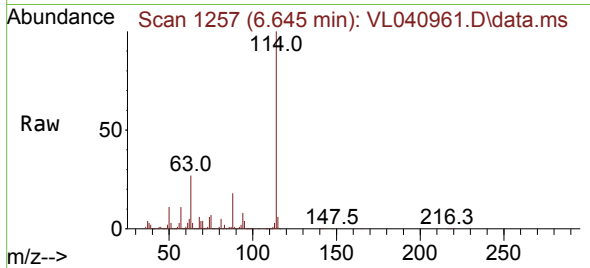
Tgt Ion: 84 Resp: 13773
Ion Ratio Lower Upper
84 100
49 127.3 124.6 187.0
51 31.0 37.2 55.8#
86 60.1 53.4 80.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL040961.D
Acq: 22 Dec 2023 16:56

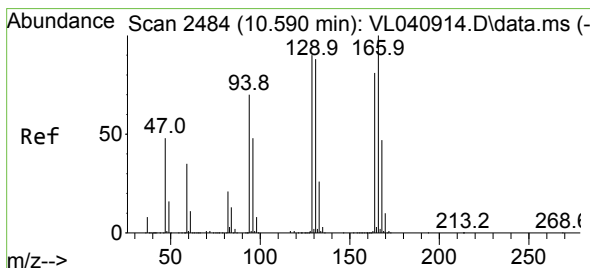
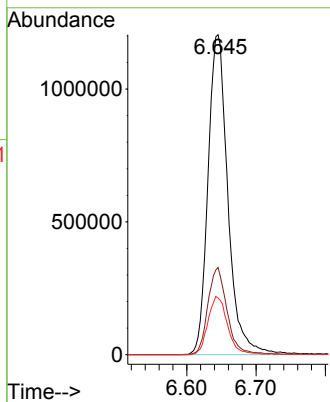
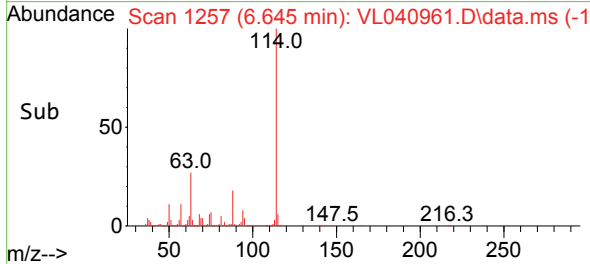
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Tgt Ion:114 Resp: 2394500
Ion Ratio Lower Upper
114 100
63 26.8 21.0 31.6
88 18.2 14.3 21.5

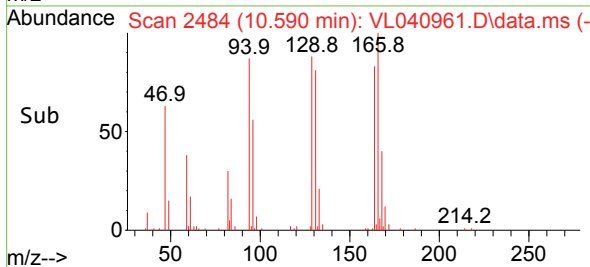
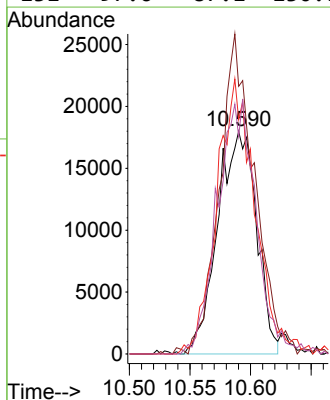
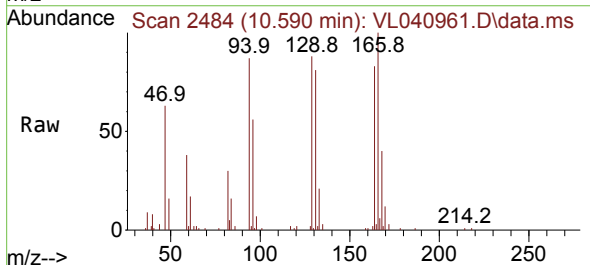
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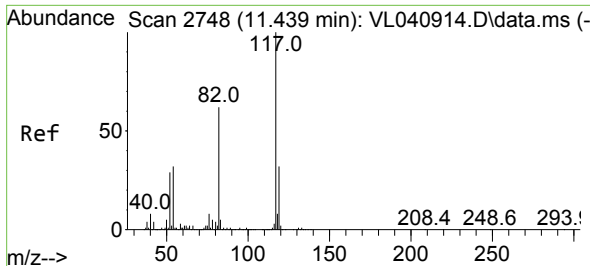
Reviewed By :Semsettin Yesilyurt 12/23/2023
Supervised By :Mahesh Dadoda 12/26/2023



#52
Tetrachloroethene
Concen: 0.637 ppbv m
RT: 10.590 min Scan# 2484
Delta R.T. 0.003 min
Lab File: VL040961.D
Acq: 22 Dec 2023 16:56

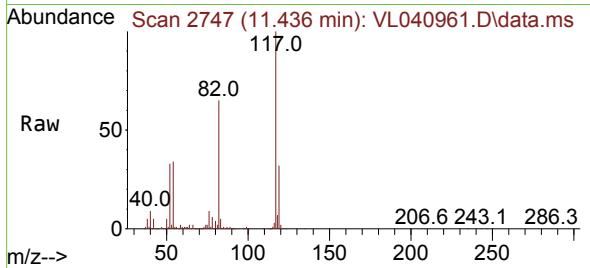
Tgt Ion:164 Resp: 40191
Ion Ratio Lower Upper
164 100
166 120.1 98.9 148.3
129 105.2 88.7 133.1
131 97.6 87.1 130.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040961.D
Acq: 22 Dec 2023 16:56

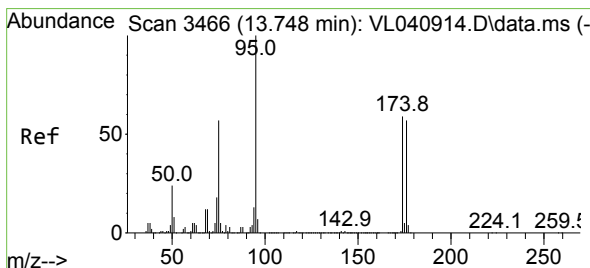
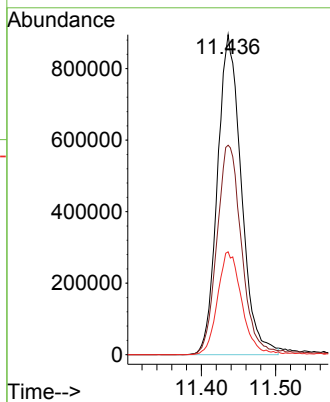
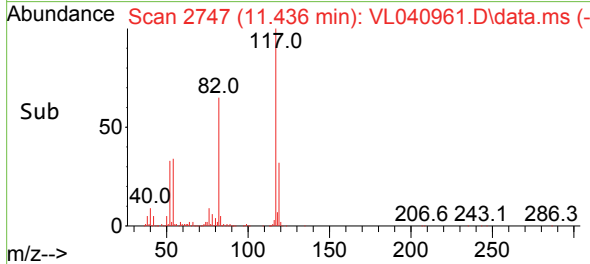
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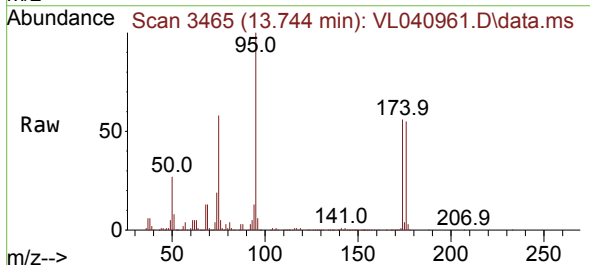
Tgt Ion:117 Resp: 1996874
Ion Ratio Lower Upper
117 100
82 68.5 49.6 74.4
119 33.0 23.4 35.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.198 ppbv
RT: 13.744 min Scan# 3465
Delta R.T. 0.006 min
Lab File: VL040961.D
Acq: 22 Dec 2023 16:56



Tgt Ion: 95 Resp: 1499979
Ion Ratio Lower Upper
95 100
174 59.8 48.0 72.0
175 4.6 3.7 5.5

