

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
 Data File : VL041021.D
 Acq On : 24 Jan 2024 18:15
 Operator : SY/MD
 Sample : P1187-14 LOQ 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Quant Time: Jan 25 03:21:47 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 : Thu Jan 25 03:13:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	972373	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	2291482	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	1968288	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	1518721	10.216	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.200%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.902	62	2124	0.035	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.041	101	2862	0.023	ppbv #	16
21) Allyl Chloride	3.973	41	2006	0.027	ppbv #	1
32) 1,1,1-Trichloroethane	5.970	97	4973m	0.031	ppbv	
35) Carbon Tetrachloride	6.465	117	5212m	0.034	ppbv	
38) Trichloroethene	7.259	130	2151m	0.028	ppbv	
52) Tetrachloroethene	10.571	164	2041m	0.032	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.040	83	5982m	0.035	ppbv	

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

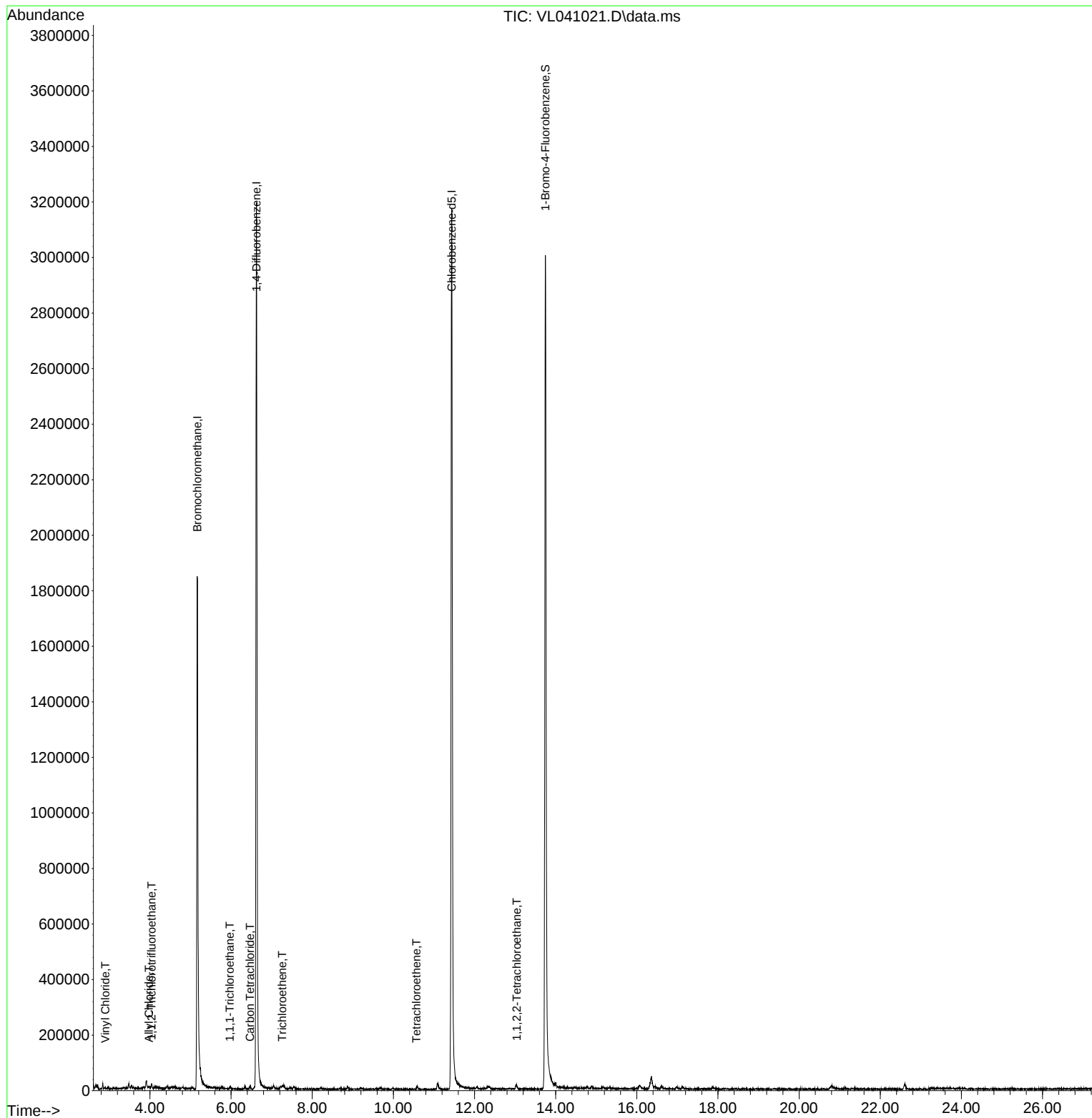
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
Data File : VL041021.D
Acq On : 24 Jan 2024 18:15
Operator : SY/MD
Sample : P1187-14 LOQ 0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

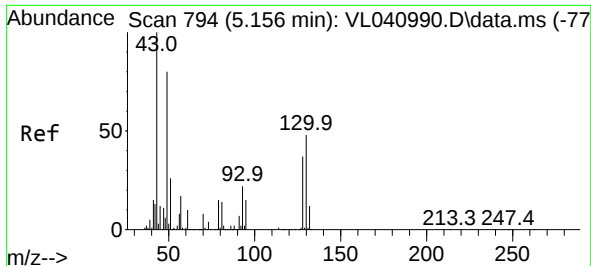
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024

Quant Time: Jan 25 03:21:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Jan 25 03:13:06 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

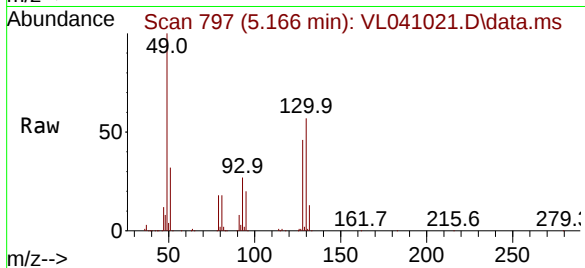
Reviewed By : Mahesh Dadoda 01/25/2024
Supervised By : Semsettin Yesilyurt 01/25/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 794
Delta R.T. 0.010 min
Lab File: VL041021.D
Acq: 24 Jan 2024 18:15

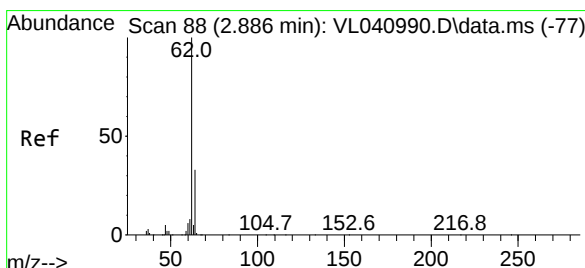
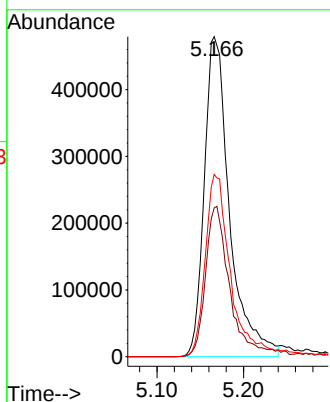
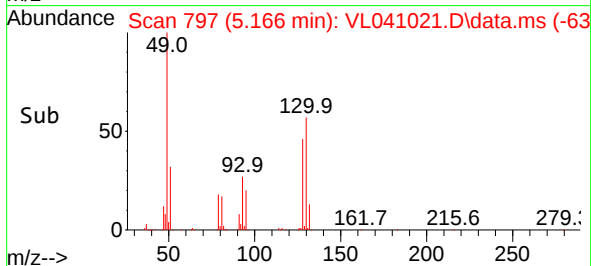
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



Tgt Ion: 49 Resp: 97237
Ion Ratio Lower Upper
49 100
128 46.3 23.9 71.7
130 58.4 31.1 93.5

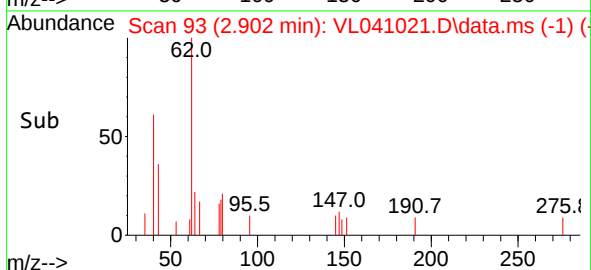
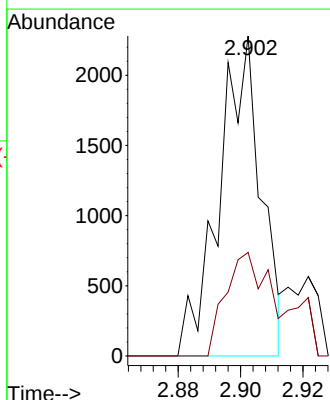
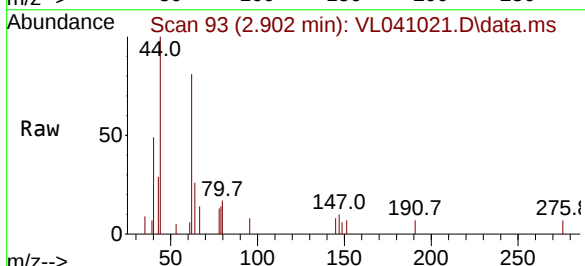
Manual Integrations
APPROVED

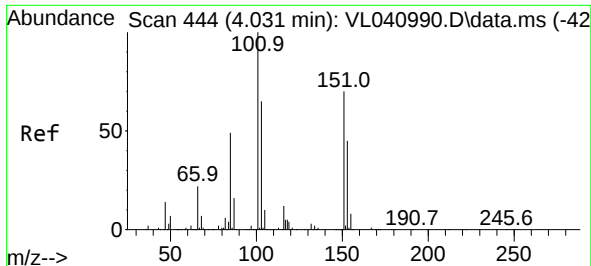
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#5
Vinyl Chloride
Concen: 0.035 ppbv
RT: 2.902 min Scan# 93
Delta R.T. 0.013 min
Lab File: VL041021.D
Acq: 24 Jan 2024 18:15

Tgt Ion: 62 Resp: 2124
Ion Ratio Lower Upper
62 100
64 32.4 26.6 40.0





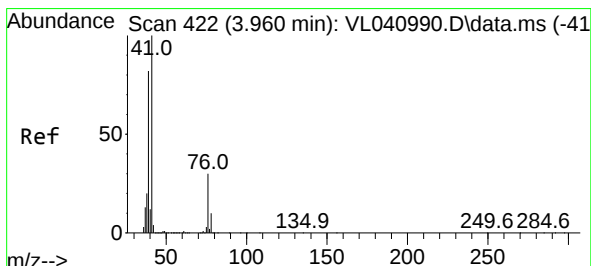
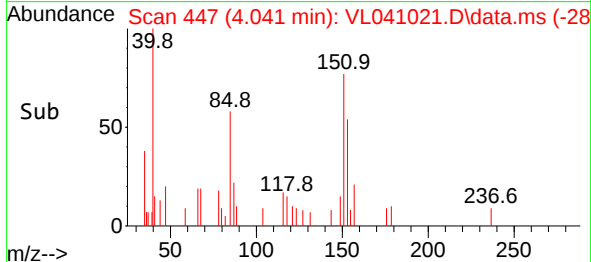
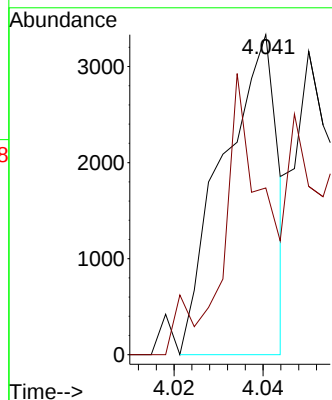
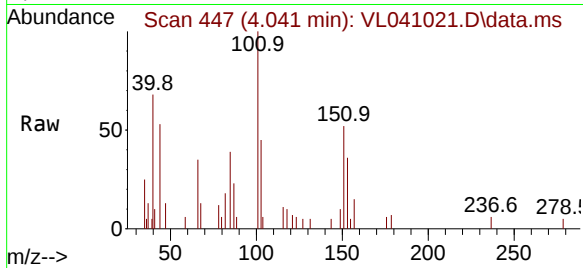
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.023 ppbv
RT: 4.041 min Scan# 444
Delta R.T. 0.010 min
Lab File: VL041021.D
Acq: 24 Jan 2024 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024

Tgt Ion: 101 Resp: 2862
Ion Ratio Lower Upper
101 100
151 139.8 56.6 85.0

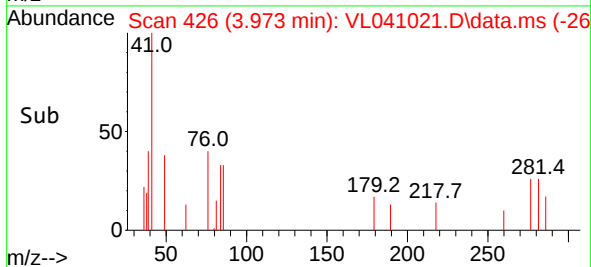
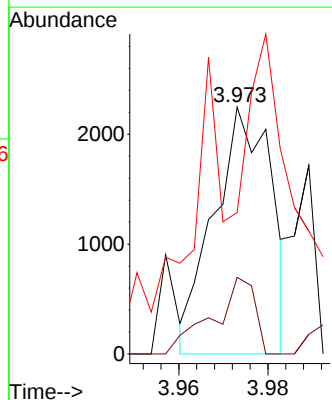
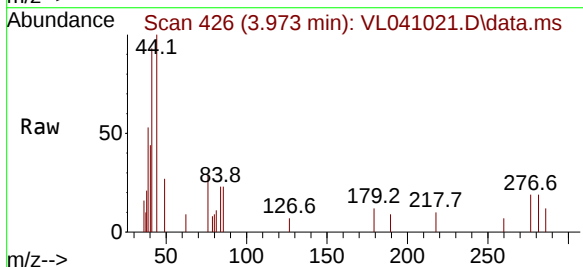
Manual Integrations
APPROVED

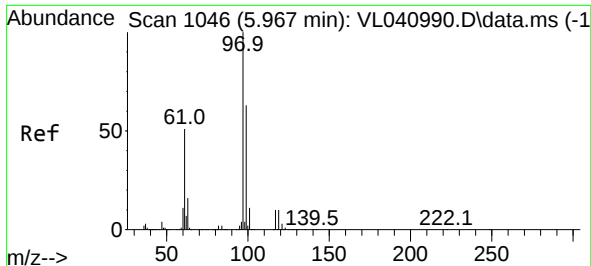
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#21
Allyl Chloride
Concen: 0.027 ppbv
RT: 3.973 min Scan# 426
Delta R.T. 0.010 min
Lab File: VL041021.D
Acq: 24 Jan 2024 18:15

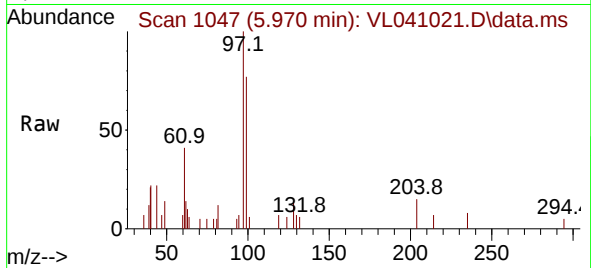
Tgt Ion: 41 Resp: 2006
Ion Ratio Lower Upper
41 100
76 27.0 25.0 37.4
39 235.2 67.0 100.6





#32
1,1,1-Trichloroethane
Concen: 0.031 ppbv m
RT: 5.970 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VL041021.D
Acq: 24 Jan 2024 18:15

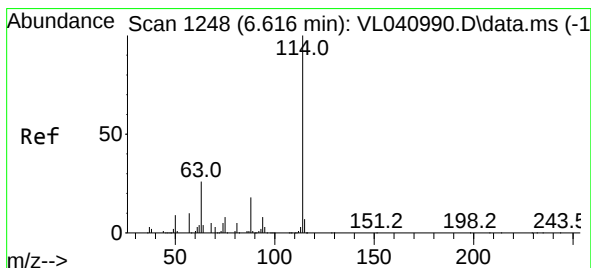
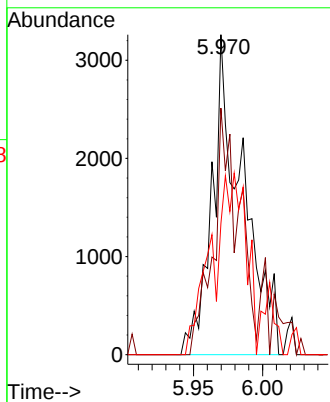
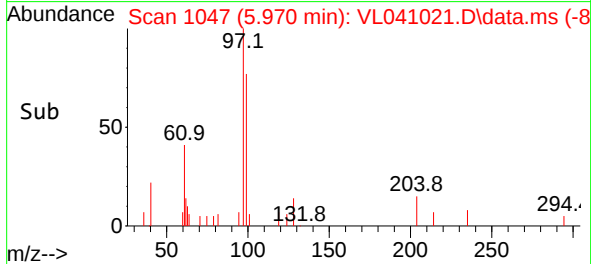
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



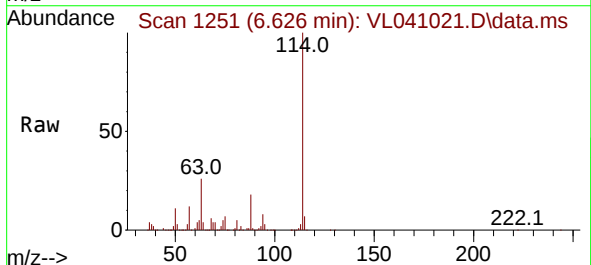
Tgt Ion: 97 Resp: 497
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3
61 74.1 40.3 60.5

Manual Integrations
APPROVED

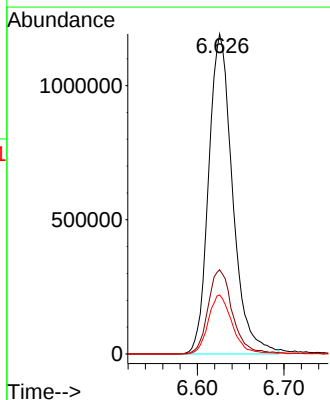
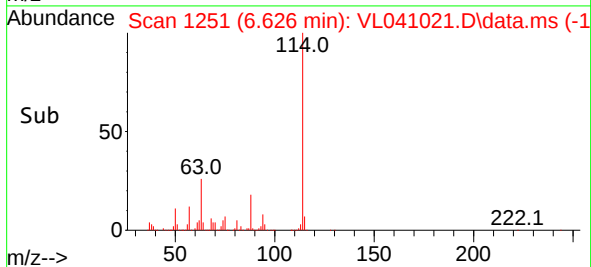
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

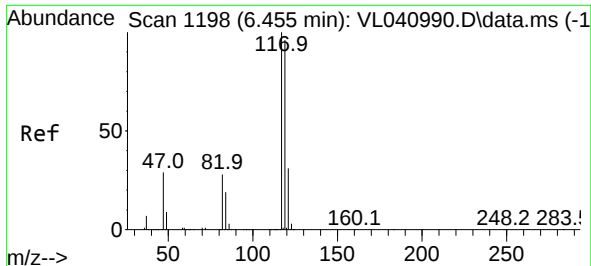


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. 0.010 min
Lab File: VL041021.D
Acq: 24 Jan 2024 18:15



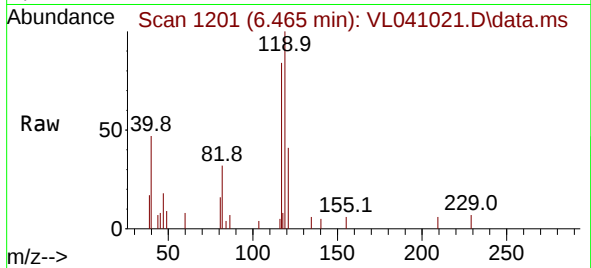
Tgt Ion:114 Resp: 2291482
Ion Ratio Lower Upper
114 100
63 27.0 20.8 31.2
88 18.6 14.3 21.5





#35
Carbon Tetrachloride
Concen: 0.034 ppbv m
RT: 6.465 min Scan# 1198
Delta R.T. 0.006 min
Lab File: VL041021.D
Acq: 24 Jan 2024 18:15

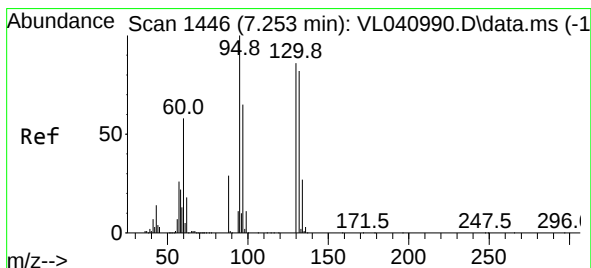
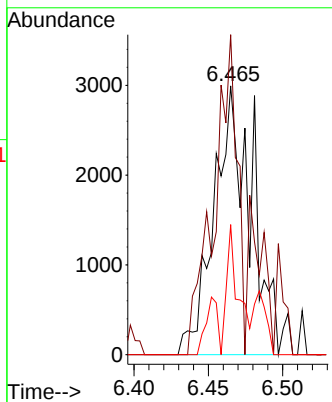
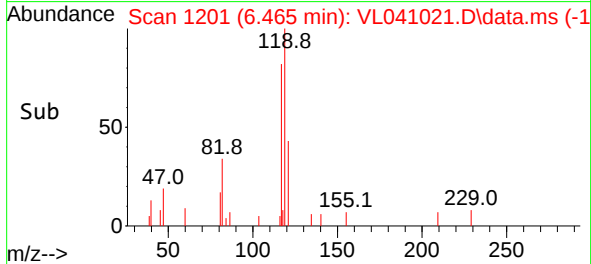
Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT1-2024



Tgt Ion:117 Resp: 521
Ion Ratio Lower Upper
117 100
119 119.1 76.9 115.3
121 48.4 24.7 37.1

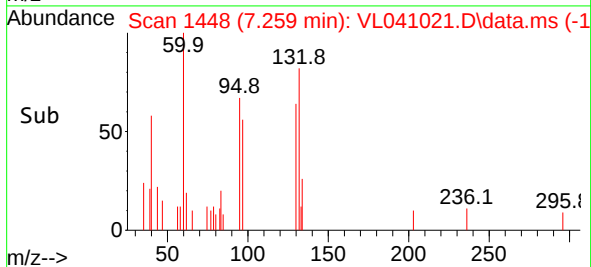
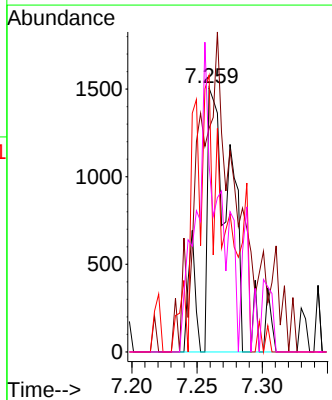
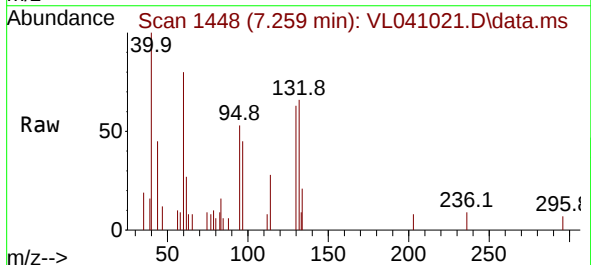
Manual Integrations
APPROVED

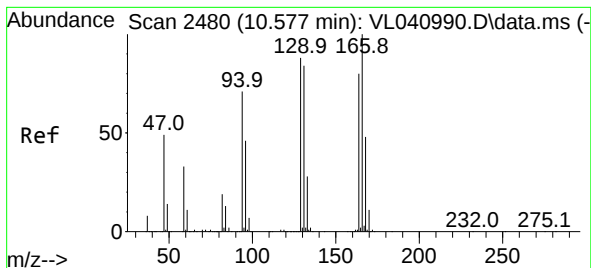
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#38
Trichloroethene
Concen: 0.028 ppbv m
RT: 7.259 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VL041021.D
Acq: 24 Jan 2024 18:15

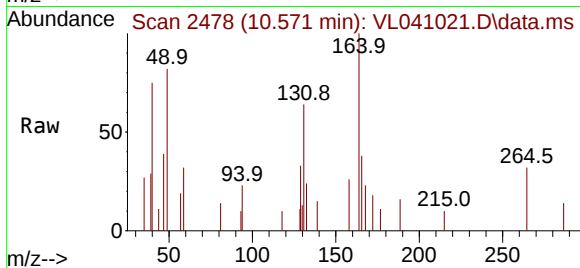
Tgt Ion:130 Resp: 2151
Ion Ratio Lower Upper
130 100
95 84.7 92.9 139.3
132 104.8 76.2 114.2
97 70.9 60.3 90.5





#52
Tetrachloroethene
Concen: 0.032 ppbv m
RT: 10.571 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VL041021.D
Acq: 24 Jan 2024 18:15

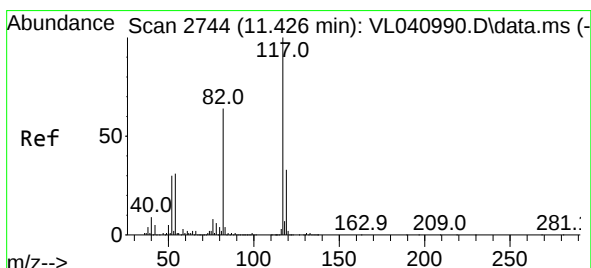
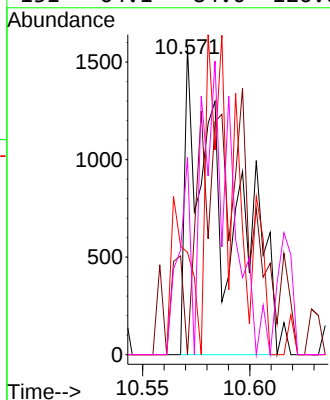
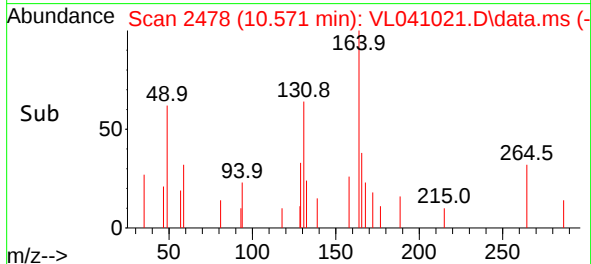
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



Tgt Ion:164 Resp: 204
Ion Ratio Lower Upper
164 100
166 0.0 100.2 150.2
129 33.3 87.9 131.9
131 64.1 84.0 126.0#

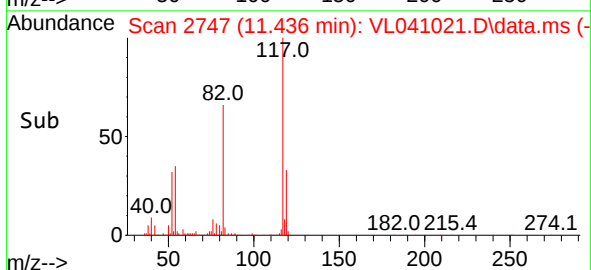
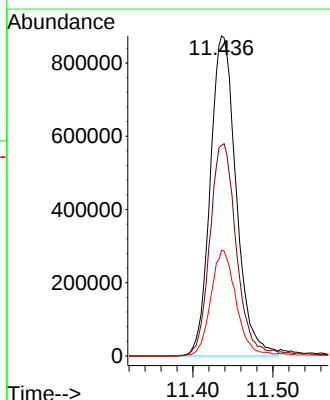
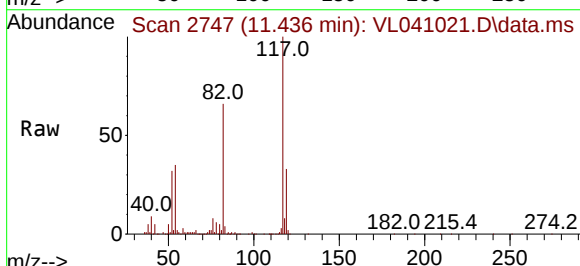
Manual Integrations
APPROVED

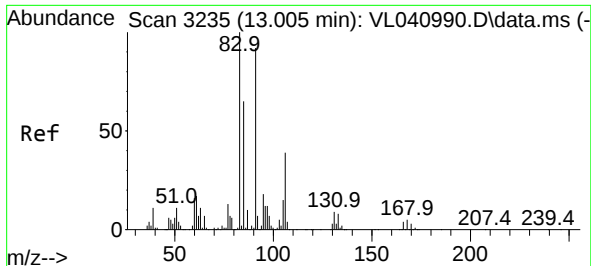
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 2747
Delta R.T. 0.006 min
Lab File: VL041021.D
Acq: 24 Jan 2024 18:15

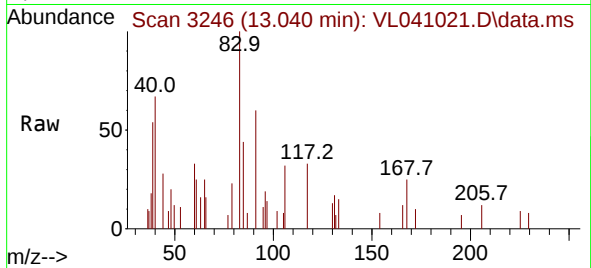
Tgt Ion:117 Resp: 1968288
Ion Ratio Lower Upper
117 100
82 69.2 51.7 77.5
119 33.0 23.8 35.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.035 ppbv m
RT: 13.040 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL041021.D
Acq: 24 Jan 2024 18:15

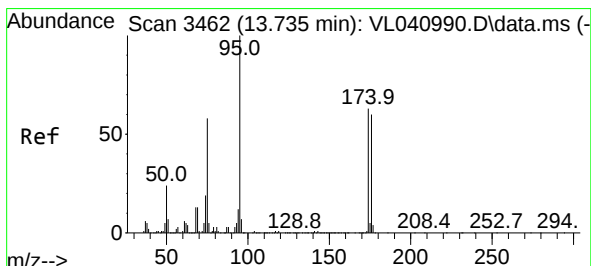
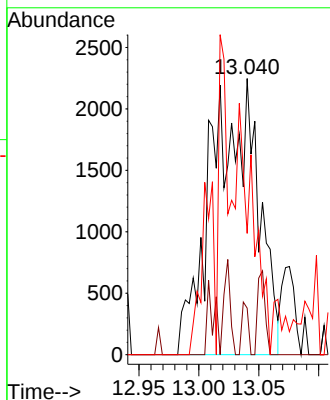
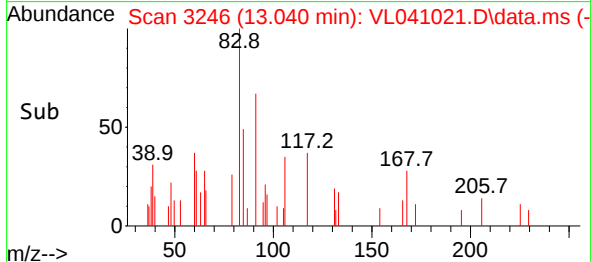
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



Tgt Ion: 83 Resp: 598
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8
85 76.9 33.0 99.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.216 ppbv
RT: 13.748 min Scan# 3466
Delta R.T. 0.010 min
Lab File: VL041021.D
Acq: 24 Jan 2024 18:15

Tgt Ion: 95 Resp: 1518721
Ion Ratio Lower Upper
95 100
174 59.0 49.1 73.7
175 4.2 3.7 5.5

