

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
 Data File : VL041019.D
 Acq On : 24 Jan 2024 17:00
 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 03:21:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri 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	964019	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.623	114	2363894	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2014602	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	1545876	10.159	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.896	62	2281	0.038	ppbv	98
32) 1,1,1-Trichloroethane	5.980	97	5686m	0.035	ppbv	
35) Carbon Tetrachloride	6.471	117	6102m	0.039	ppbv	
38) Trichloroethene	7.266	130	1932m	0.025	ppbv	
52) Tetrachloroethene	10.587	164	2003m	0.031	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.021	83	6017m	0.034	ppbv	

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

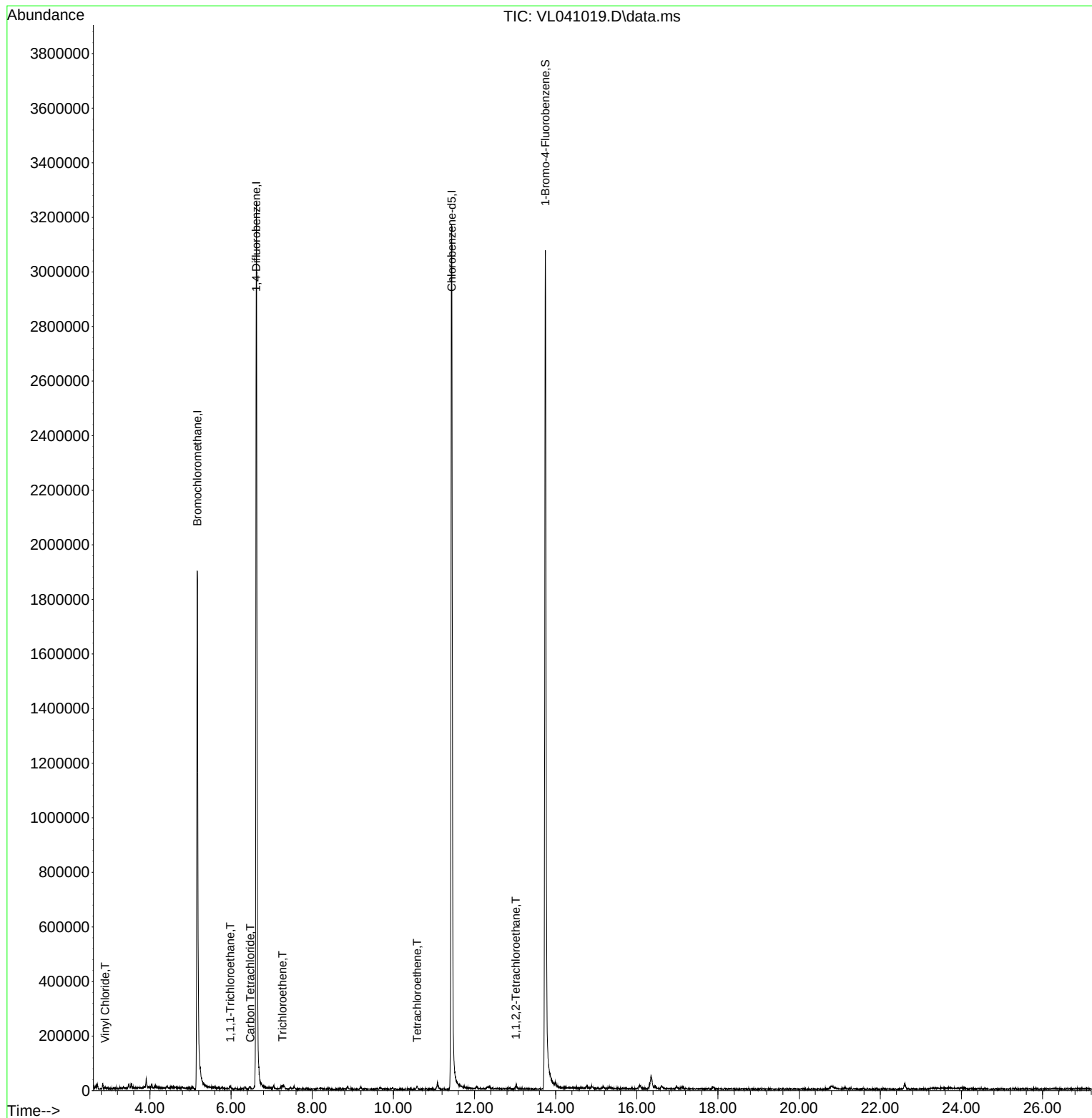
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
Data File : VL041019.D
Acq On : 24 Jan 2024 17:00
Operator : SY/MD
Sample : P1187-14 LOQ 0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

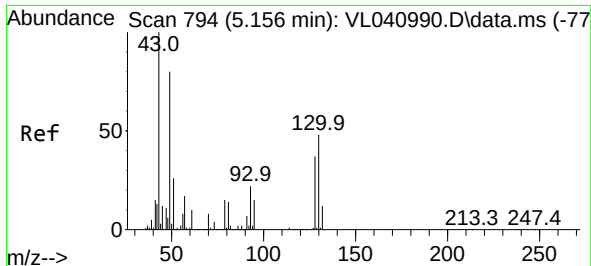
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024

Quant Time: Jan 25 03:21:06 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

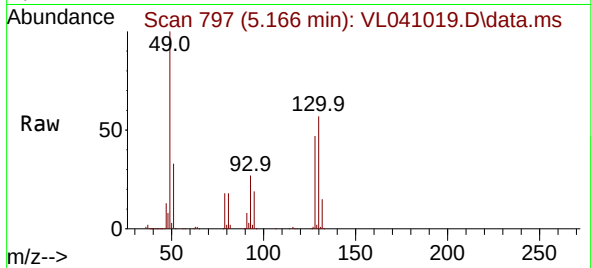
Reviewed By : Mahesh Dadoda 01/25/2024
Supervised By : Semsettin Yesilyurt 01/25/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 794
Delta R.T. 0.010 min
Lab File: VL041019.D
Acq: 24 Jan 2024 17:00

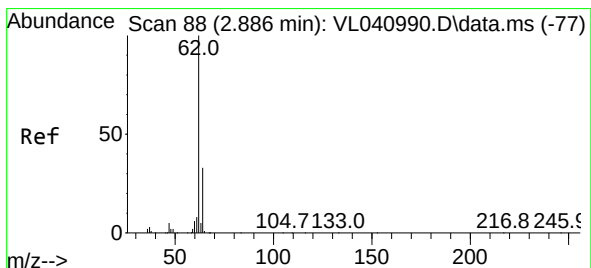
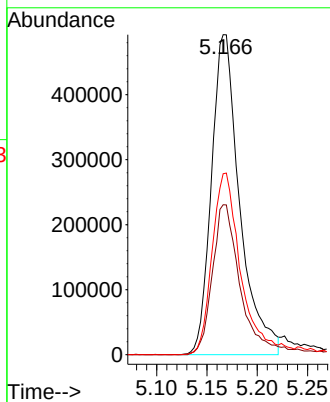
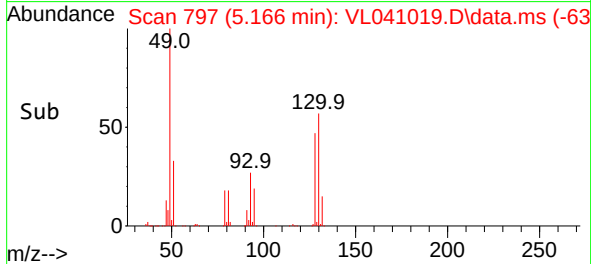
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



Tgt Ion: 49 Resp: 964019
Ion Ratio Lower Upper
49 100
128 48.9 23.9 71.7
130 60.7 31.1 93.5

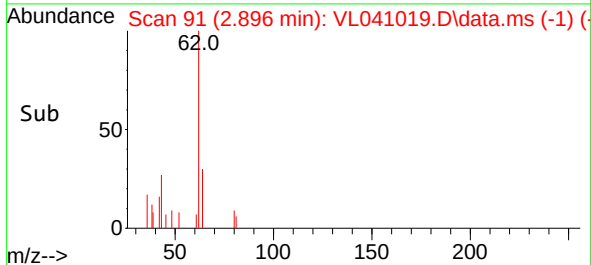
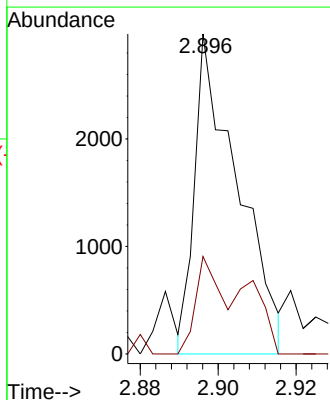
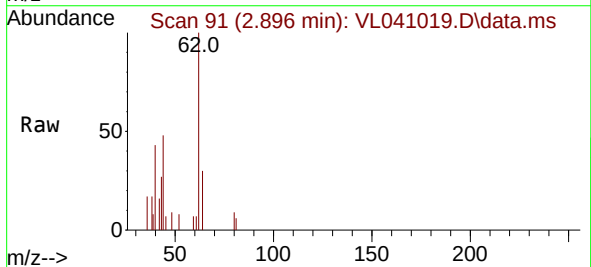
Manual Integrations
APPROVED

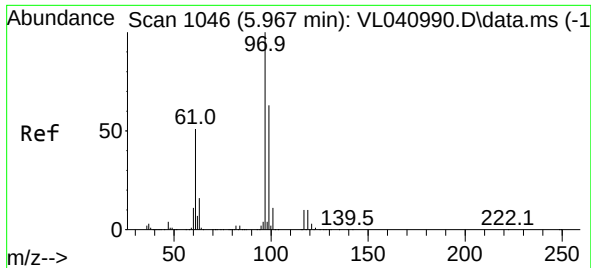
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#5
Vinyl Chloride
Concen: 0.038 ppbv
RT: 2.896 min Scan# 91
Delta R.T. 0.006 min
Lab File: VL041019.D
Acq: 24 Jan 2024 17:00

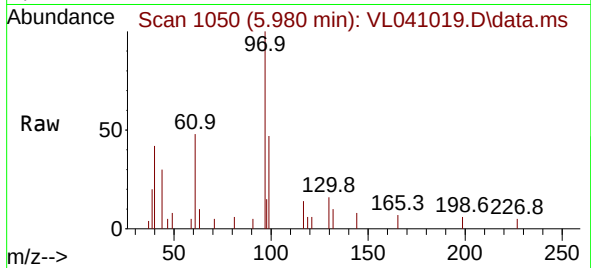
Tgt Ion: 62 Resp: 2281
Ion Ratio Lower Upper
62 100
64 32.4 26.6 40.0





#32
1,1,1-Trichloroethane
Concen: 0.035 ppbv m
RT: 5.980 min Scan# 1046
Delta R.T. 0.010 min
Lab File: VL041019.D
Acq: 24 Jan 2024 17:00

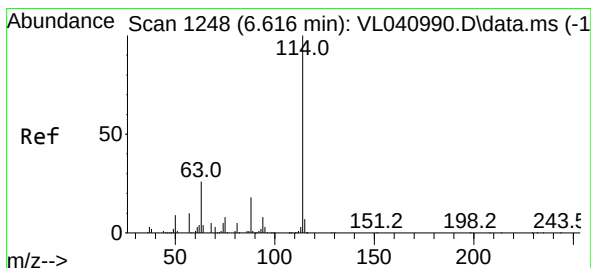
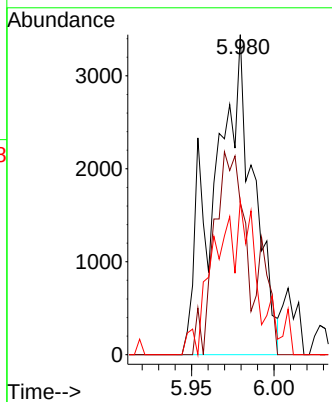
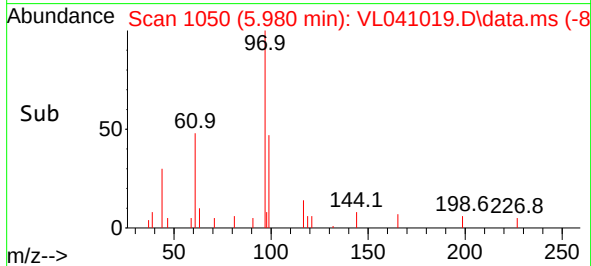
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



Tgt Ion: 97 Resp: 5680
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3
61 52.7 40.3 60.5

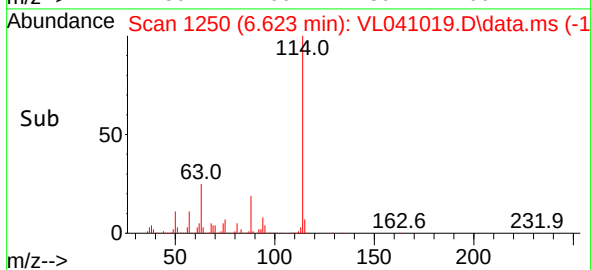
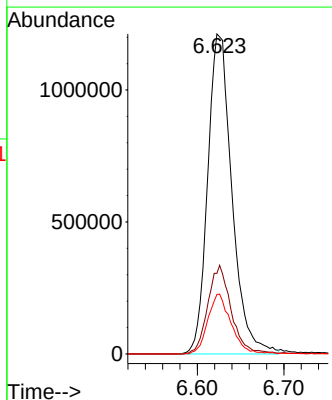
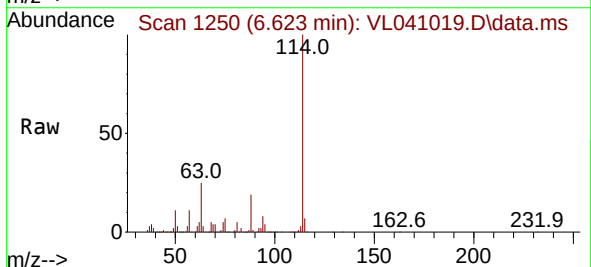
Manual Integrations
APPROVED

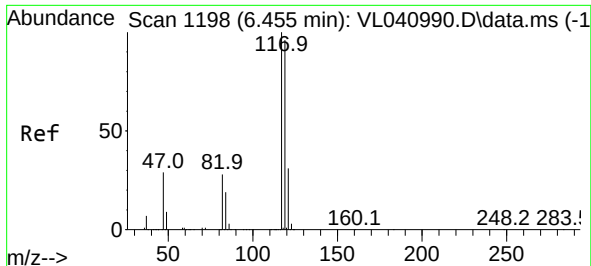
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.623 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VL041019.D
Acq: 24 Jan 2024 17:00

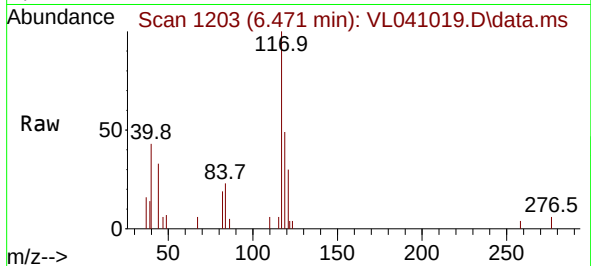
Tgt Ion:114 Resp: 2363894
Ion Ratio Lower Upper
114 100
63 26.9 20.8 31.2
88 18.1 14.3 21.5





#35
Carbon Tetrachloride
Concen: 0.039 ppbv m
RT: 6.471 min Scan# 1198
Delta R.T. 0.013 min
Lab File: VL041019.D
Acq: 24 Jan 2024 17:00

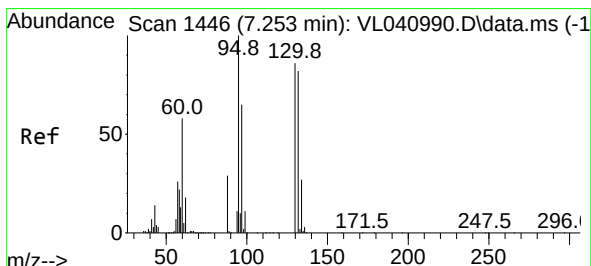
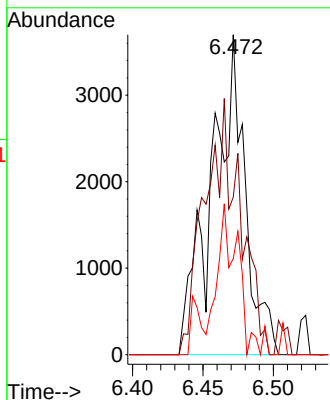
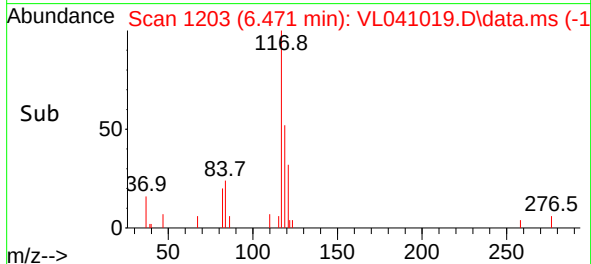
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



Tgt Ion:117 Resp: 610
Ion Ratio Lower Upper
117 100
119 49.2 76.9 115.3#
121 30.0 24.7 37.1

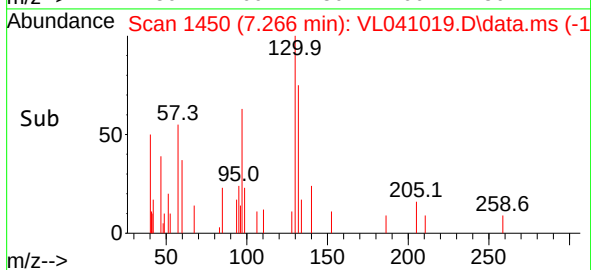
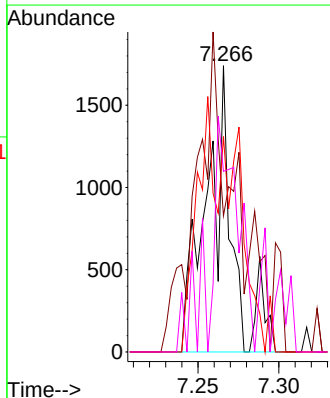
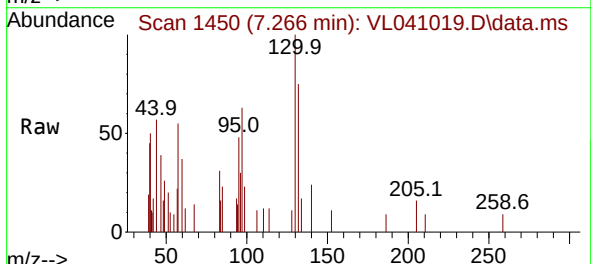
Manual Integrations
APPROVED

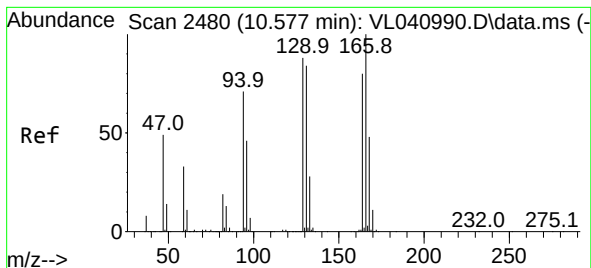
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#38
Trichloroethene
Concen: 0.025 ppbv m
RT: 7.266 min Scan# 1450
Delta R.T. 0.013 min
Lab File: VL041019.D
Acq: 24 Jan 2024 17:00

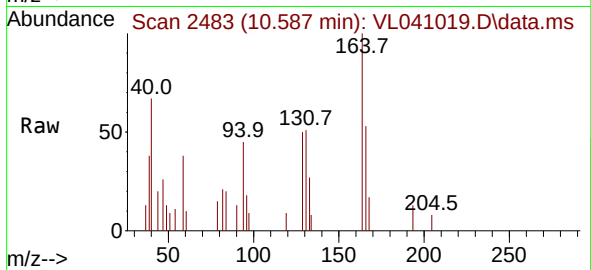
Tgt Ion:130 Resp: 1932
Ion Ratio Lower Upper
130 100
95 47.6 92.9 139.3#
132 75.2 76.2 114.2#
97 63.1 60.3 90.5





#52
Tetrachloroethene
Concen: 0.031 ppbv m
RT: 10.587 min Scan# 2480
Delta R.T. 0.013 min
Lab File: VL041019.D
Acq: 24 Jan 2024 17:00

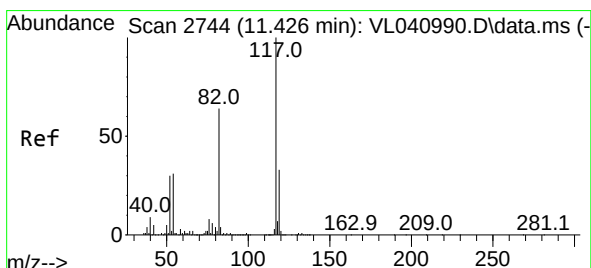
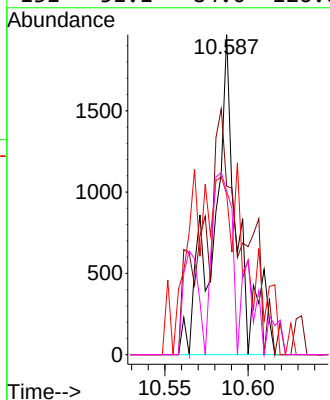
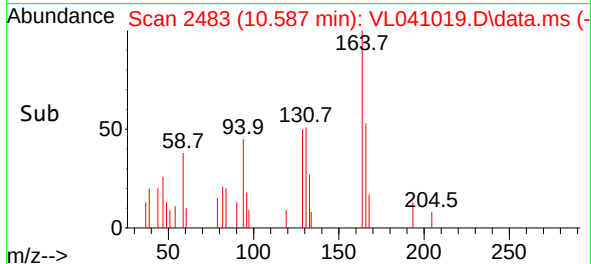
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



Tgt Ion:164 Resp: 200
Ion Ratio Lower Upper
164 100
166 52.6 100.2 150.2
129 50.1 87.9 131.9
131 51.1 84.0 126.0

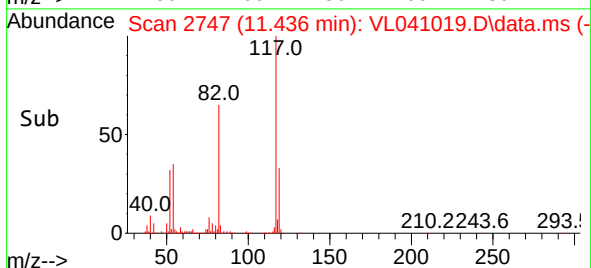
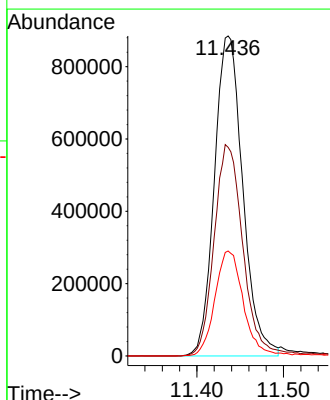
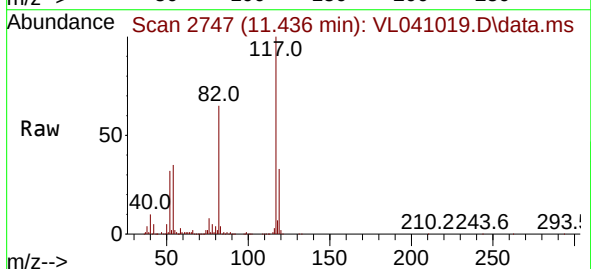
Manual Integrations
APPROVED

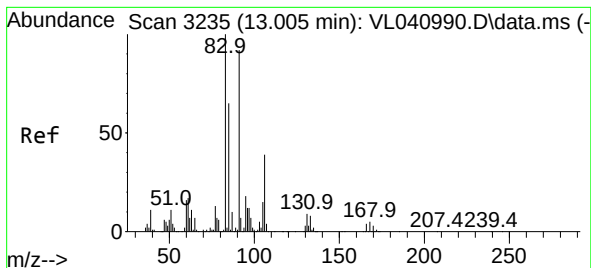
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 2747
Delta R.T. 0.006 min
Lab File: VL041019.D
Acq: 24 Jan 2024 17:00

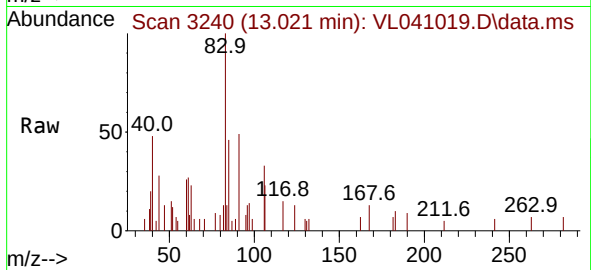
Tgt Ion:117 Resp: 2014602
Ion Ratio Lower Upper
117 100
82 68.1 51.7 77.5
119 33.5 23.8 35.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.034 ppbv m
RT: 13.021 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041019.D
Acq: 24 Jan 2024 17:00

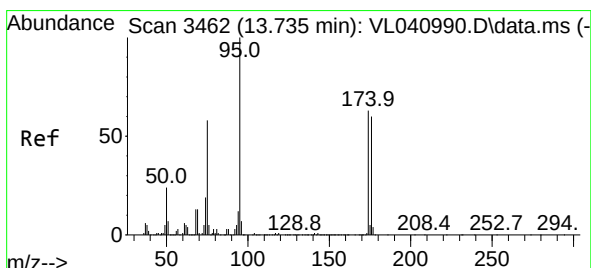
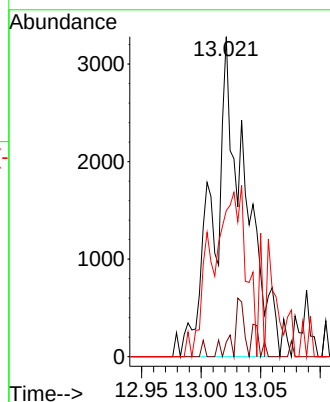
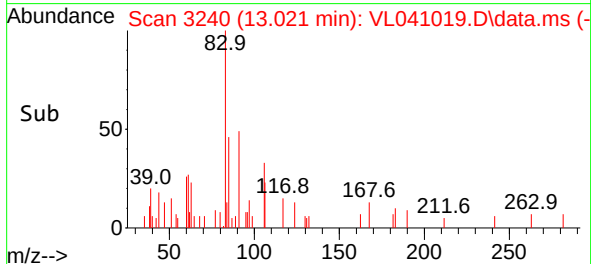
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



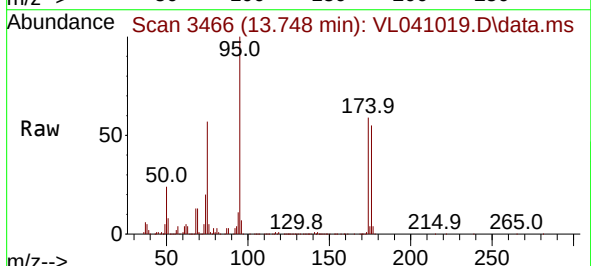
Tgt Ion: 83 Resp: 601
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8
85 0.0 33.0 99.0

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 10.159 ppbv
RT: 13.748 min Scan# 3466
Delta R.T. 0.010 min
Lab File: VL041019.D
Acq: 24 Jan 2024 17:00



Tgt Ion: 95 Resp: 1545876
Ion Ratio Lower Upper
95 100
174 59.2 49.1 73.7
175 4.5 3.7 5.5

