

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041885.D
 Acq On : 10 Jan 2025 01:18
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

Quant Time: Jan 10 03:15:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	107882	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	326190	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	288647	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	235590	10.179	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.586	62	383	0.052	ppbv	# 85
32) 1,1,1-Trichloroethane	3.383	97	971m	0.038	ppbv	
35) Carbon Tetrachloride	3.781	117	1223m	0.048	ppbv	
38) Trichloroethene	4.593	130	526m	0.035	ppbv	
52) Tetrachloroethene	8.241	164	500m	0.034	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.976	83	1239m	0.044	ppbv	

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

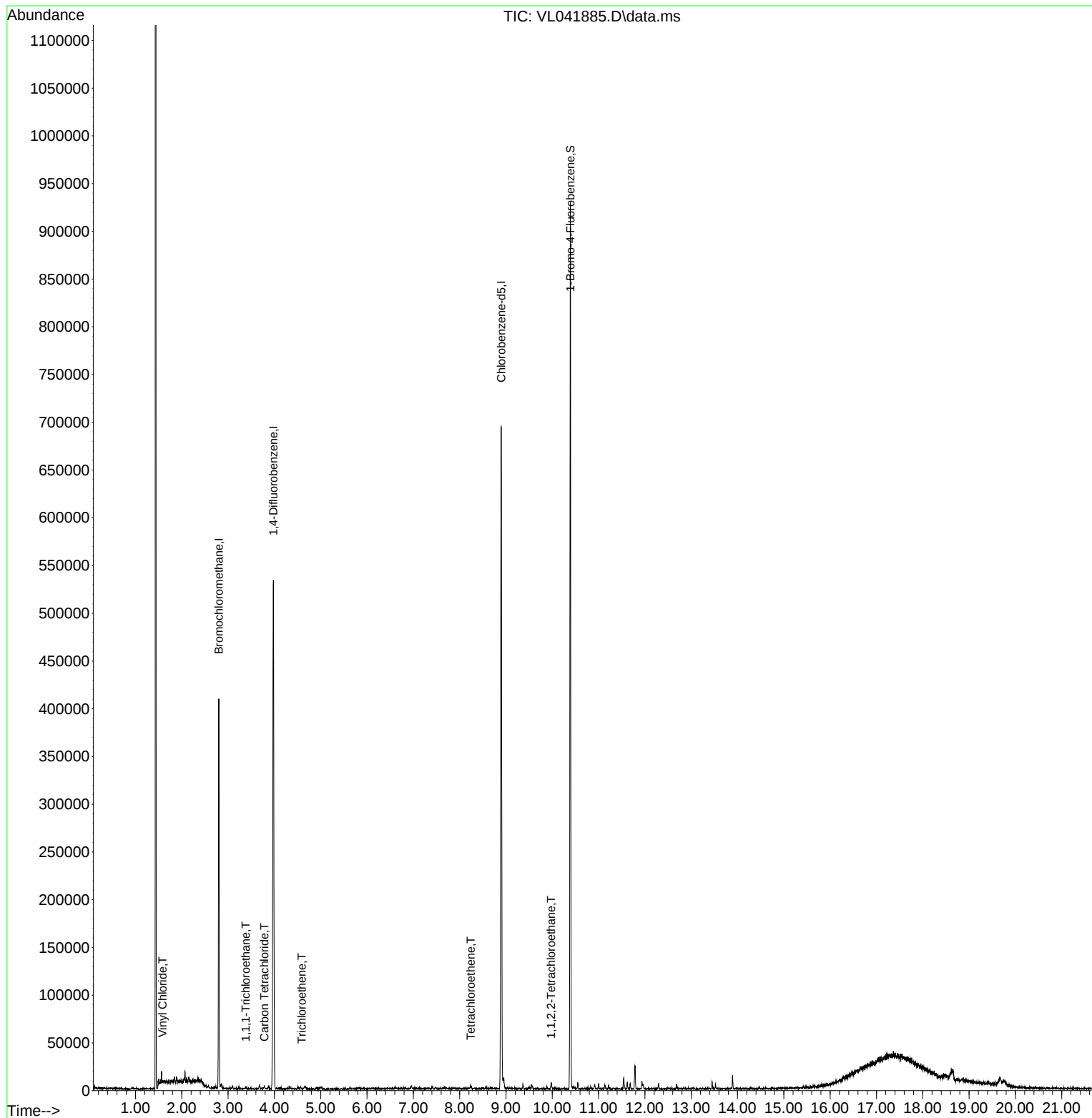
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
Data File : VL041885.D
Acq On : 10 Jan 2025 01:18
Operator : SY/MD
Sample : MDL 0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

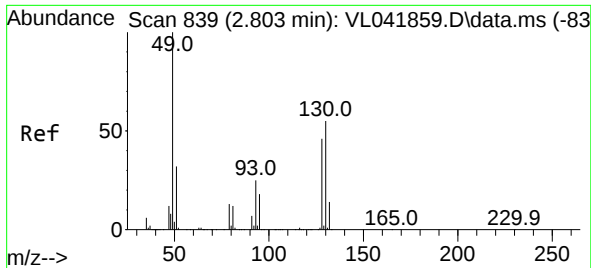
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Quant Time: Jan 10 03:15:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

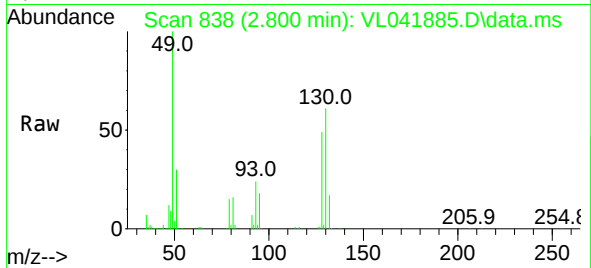
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 839
Delta R.T. -0.003 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

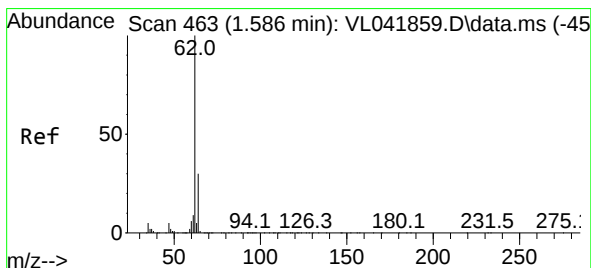
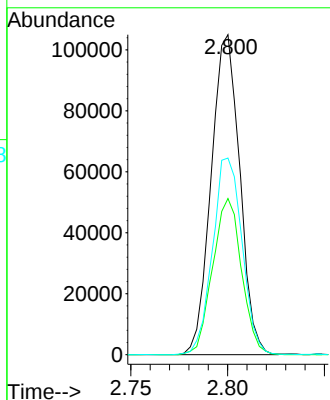
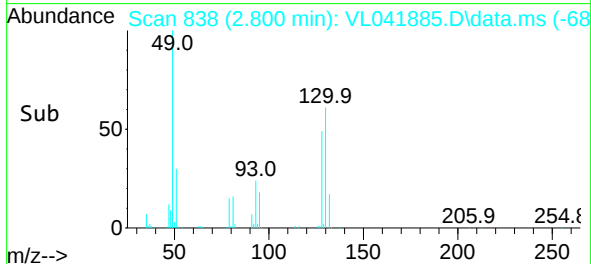
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 49 Resp: 107882
Ion Ratio Lower Upper
49 100
128 49.3 23.2 69.5
130 63.6 29.9 89.8

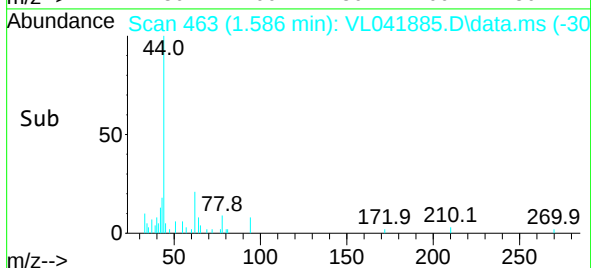
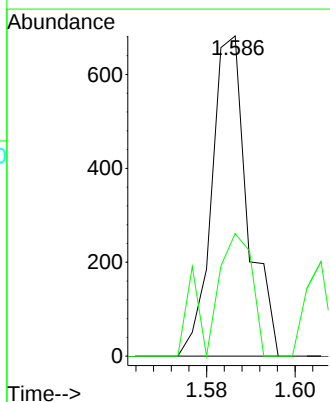
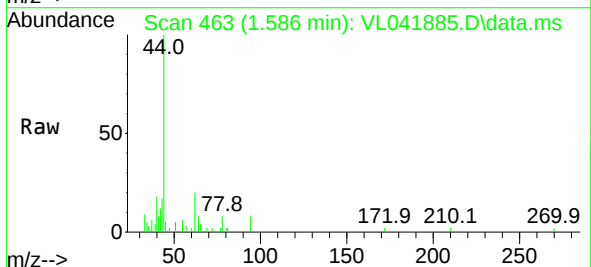
Manual Integrations
APPROVED

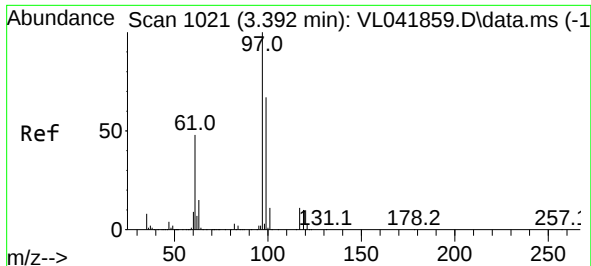
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#5
Vinyl Chloride
Concen: 0.052 ppbv
RT: 1.586 min Scan# 463
Delta R.T. 0.000 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

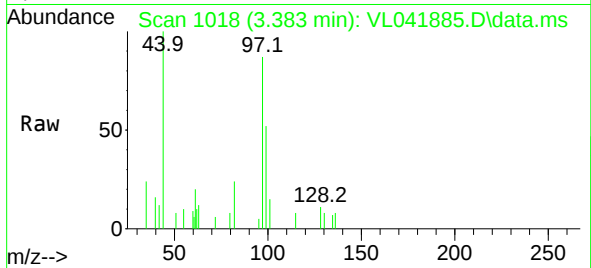
Tgt Ion: 62 Resp: 383
Ion Ratio Lower Upper
62 100
64 38.3 24.1 36.1#





#32
1,1,1-Trichloroethane
Concen: 0.038 ppbv m
RT: 3.383 min Scan# 1018
Delta R.T. -0.010 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

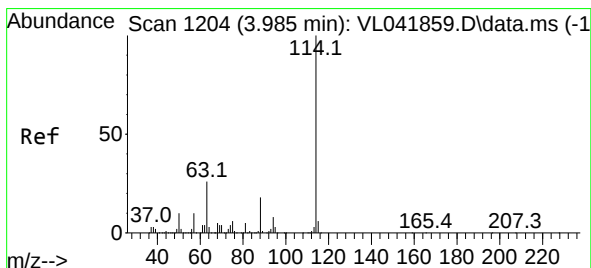
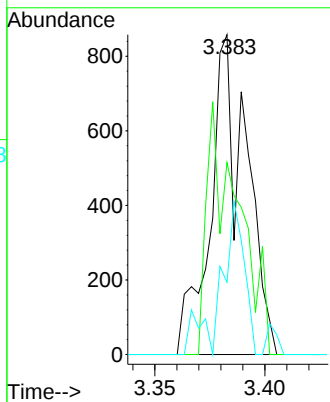
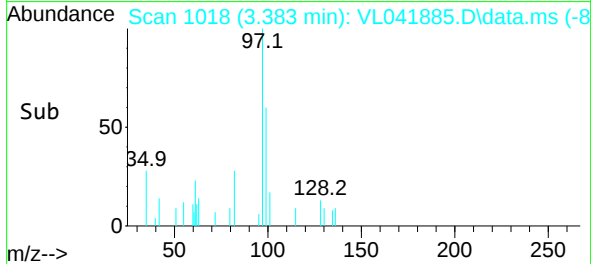
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 97 Resp: 97
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0
61 34.7 38.8 58.2

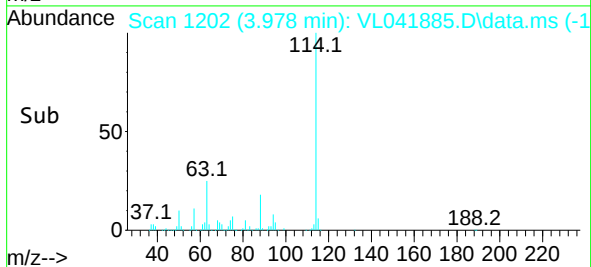
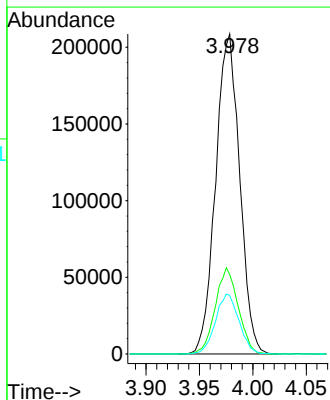
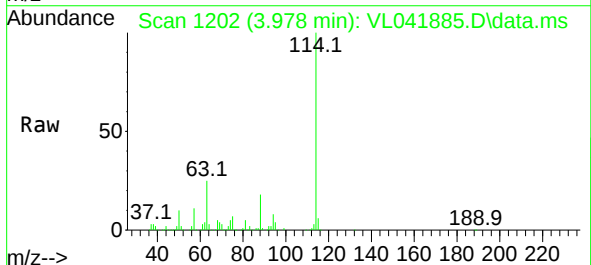
Manual Integrations
APPROVED

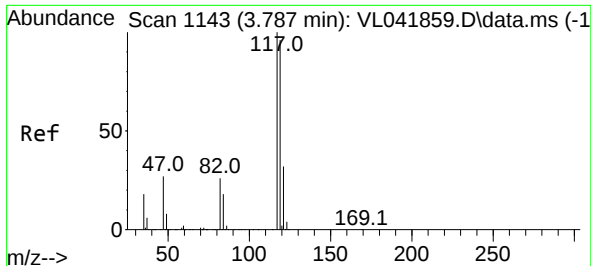
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 1202
Delta R.T. -0.006 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

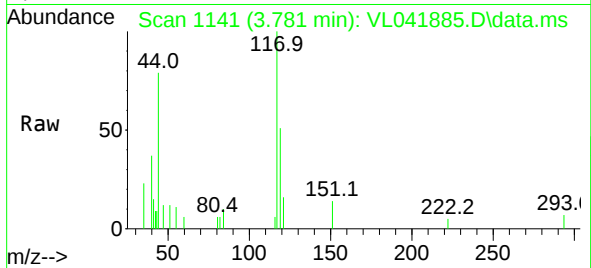
Tgt Ion:114 Resp: 326190
Ion Ratio Lower Upper
114 100
63 25.8 20.3 30.5
88 18.3 14.6 21.8





#35
Carbon Tetrachloride
Concen: 0.048 ppbv m
RT: 3.781 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

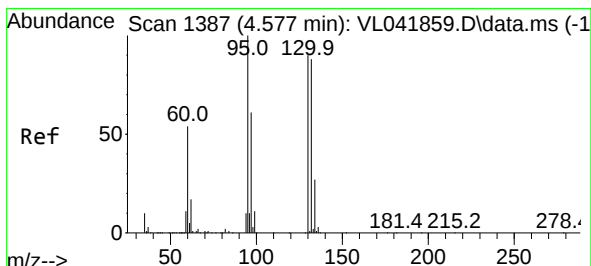
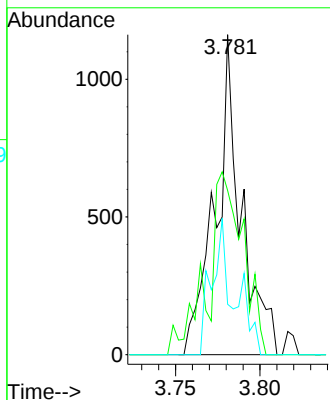
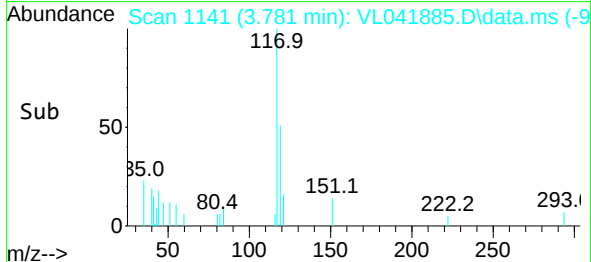
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



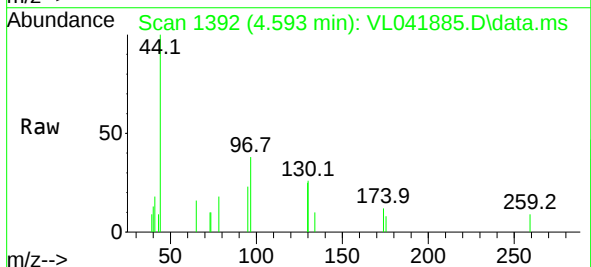
Tgt Ion:117 Resp: 122
Ion Ratio Lower Upper
117 100
119 51.3 76.9 115.3#
121 15.7 25.9 38.9#

Manual Integrations
APPROVED

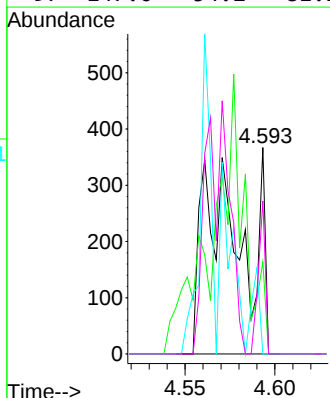
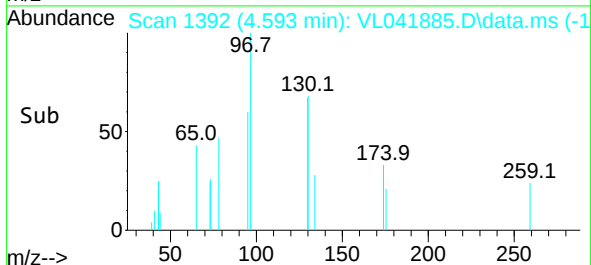
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

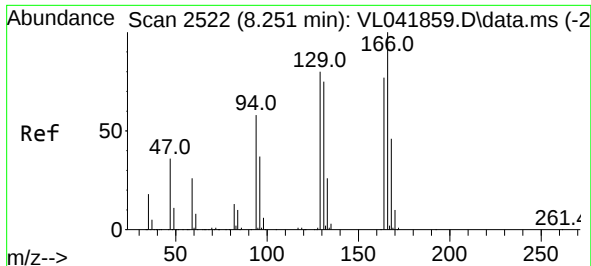


#38
Trichloroethene
Concen: 0.035 ppbv m
RT: 4.593 min Scan# 1392
Delta R.T. 0.016 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18



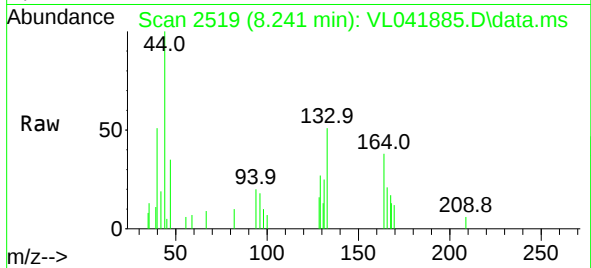
Tgt Ion:130 Resp: 526
Ion Ratio Lower Upper
130 100
95 88.6 88.5 132.7
132 0.0 78.2 117.2#
97 147.0 54.2 81.2#





#52
Tetrachloroethene
Concen: 0.034 ppbv m
RT: 8.241 min Scan# 2519
Delta R.T. -0.010 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

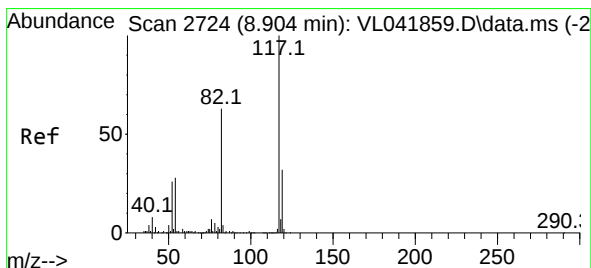
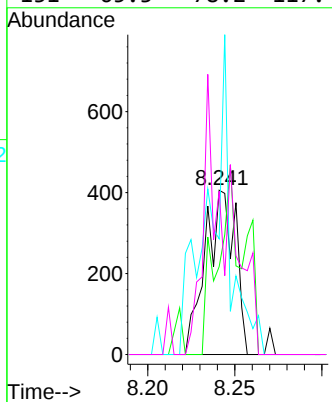
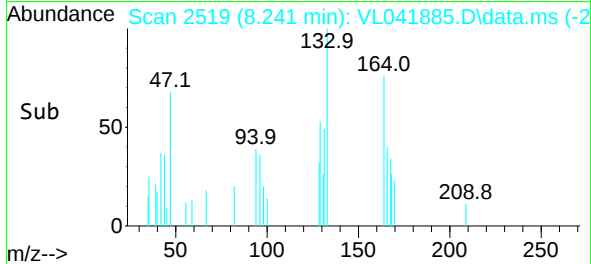
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



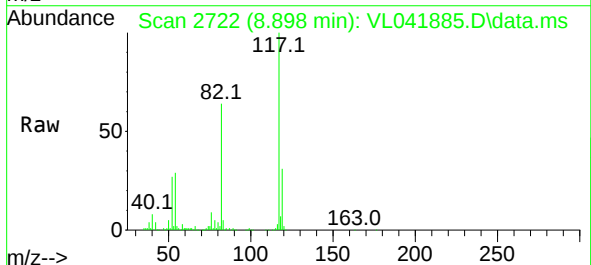
Tgt Ion:164 Resp: 500
Ion Ratio Lower Upper
164 100
166 53.4 103.6 155.4
129 70.4 82.6 123.8
131 65.3 78.2 117.4

Manual Integrations
APPROVED

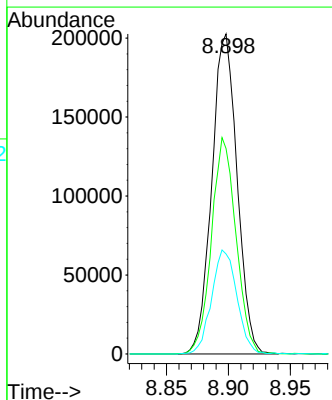
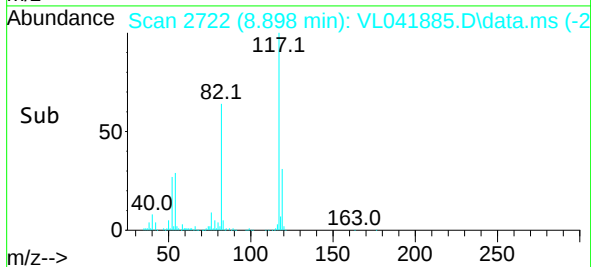
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

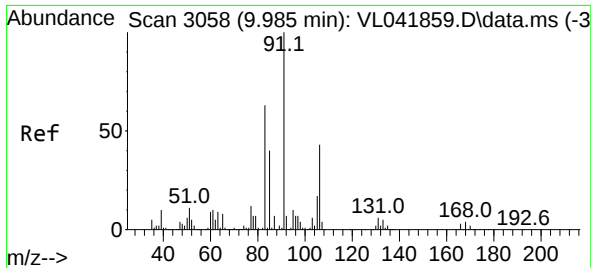


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. -0.006 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18



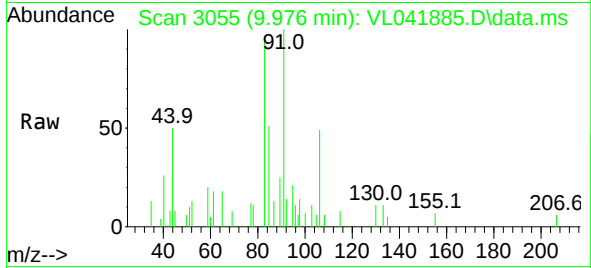
Tgt Ion:117 Resp: 288647
Ion Ratio Lower Upper
117 100
82 65.5 54.5 81.7
119 32.7 24.6 37.0





#63
1,1,2,2-Tetrachloroethane
Concen: 0.044 ppbv m
RT: 9.976 min Scan# 3058
Delta R.T. -0.010 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

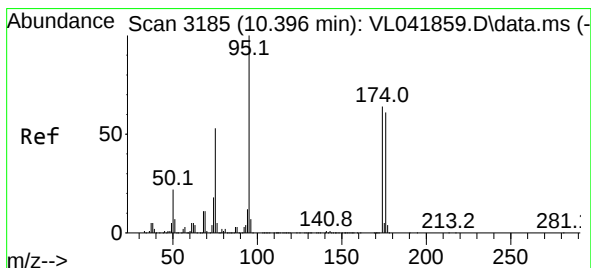
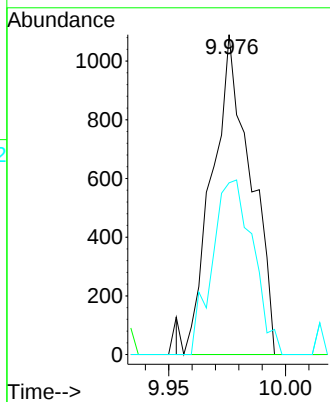
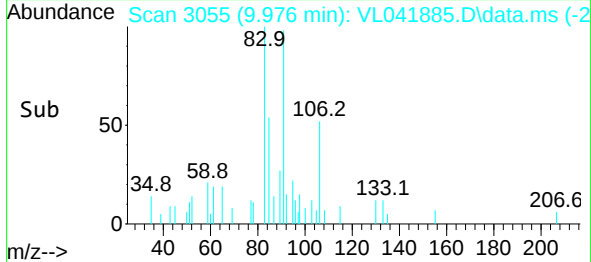
Instrument : MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 83 Resp: 1239
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3
85 58.6 32.1 96.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 10.179 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. -0.006 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion: 95 Resp: 235590
Ion Ratio Lower Upper
95 100
174 61.1 51.1 76.7
175 4.7 3.8 5.8

