

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
 Data File : VL042265.D
 Acq On : 08 Apr 2025 15:56
 Operator : SY/MD
 Sample : Q1728-12 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B1-3-04012025

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/09/2025
 Supervised By :Semsettin Yesilyurt 04/10/2025

Quant Time: Apr 09 01:57:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.803	49	157608	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.984	114	427230	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.904	117	370747	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.396	95	284068	9.330	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.300%
Target Compounds						
					Qvalue	
13) Ethanol	1.732	45	3245m	3.150	ppbv	
15) Acetone	1.845	43	49256	2.235	ppbv	95
19) Isopropyl Alcohol	1.897	45	17693	1.423	ppbv #	60
20) Methylene Chloride	2.072	84	2797	0.341	ppbv #	90
29) Chloroform	2.865	83	20569	0.636	ppbv	95
52) Tetrachloroethene	8.244	164	730m	0.043	ppbv	
53) Toluene	6.959	91	5171m	0.103	ppbv	

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

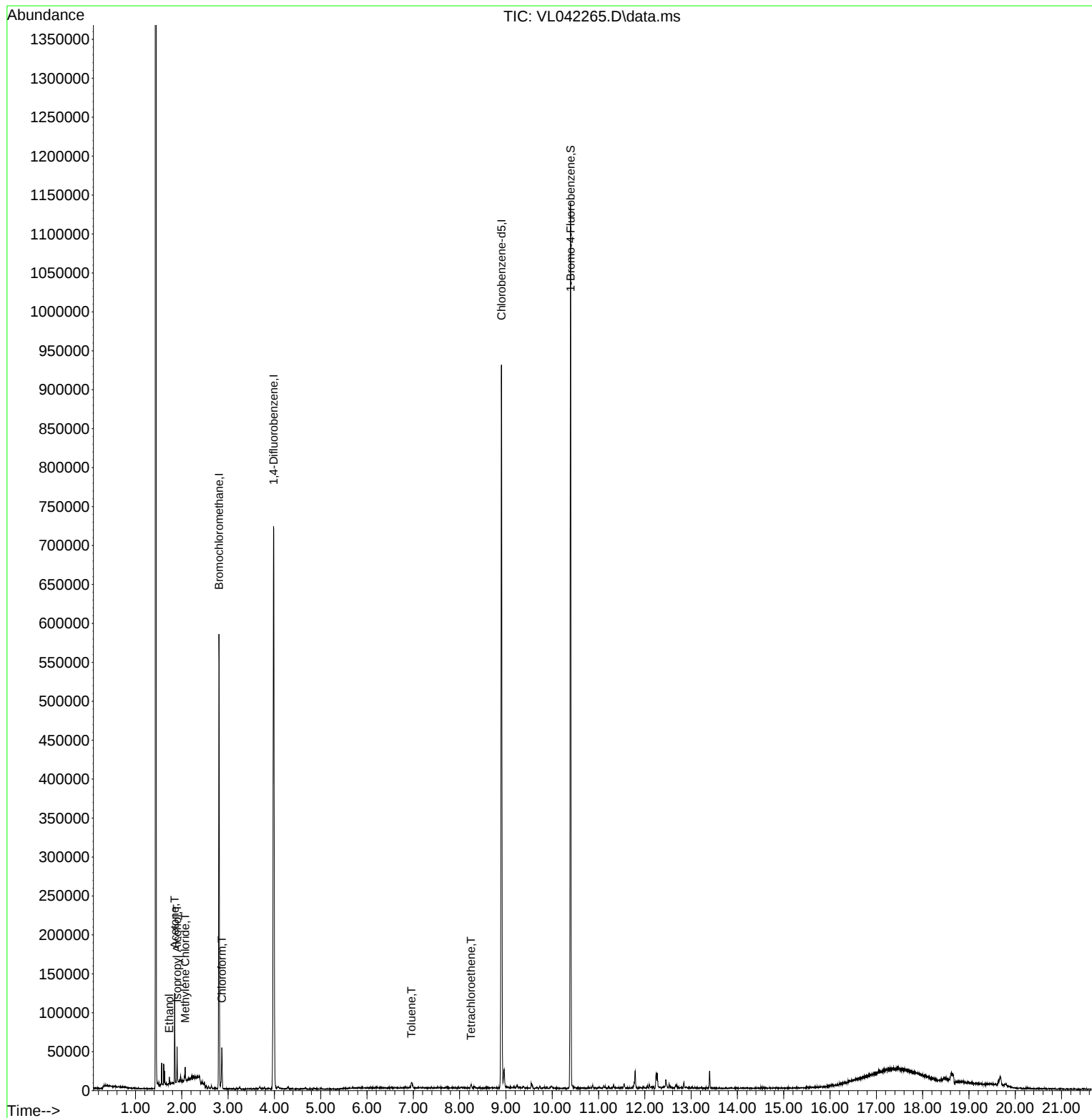
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
Data File : VL042265.D
Acq On : 08 Apr 2025 15:56
Operator : SY/MD
Sample : Q1728-12 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B1-3-04012025

Quant Time: Apr 09 01:57:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

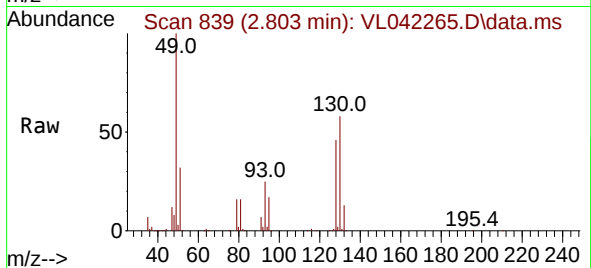
Reviewed By :Mahesh Dadoda 04/09/2025
Supervised By :Semsettin Yesilyurt 04/10/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 81
Delta R.T. 0.019 min
Lab File: VL042265.D
Acq: 08 Apr 2025 15:56

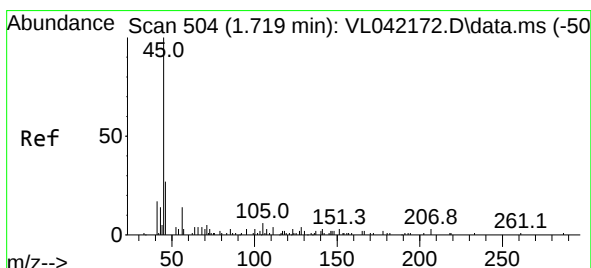
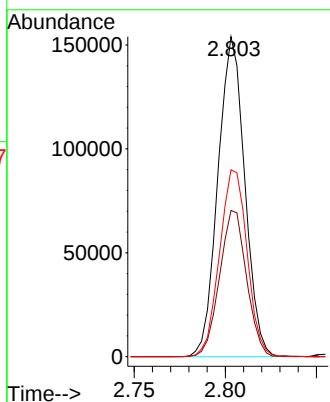
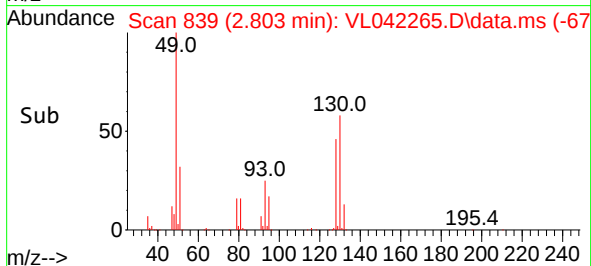
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B1-3-04012025



Tgt Ion: 49 Resp: 157608
Ion Ratio Lower Upper
49 100
128 46.0 22.9 68.5
130 60.1 28.8 86.4

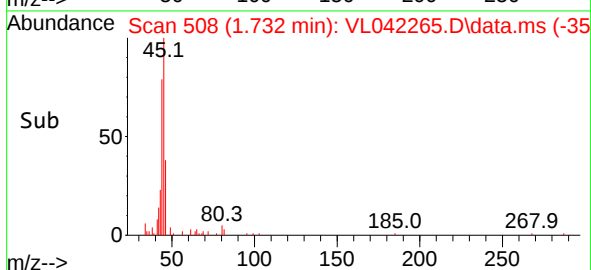
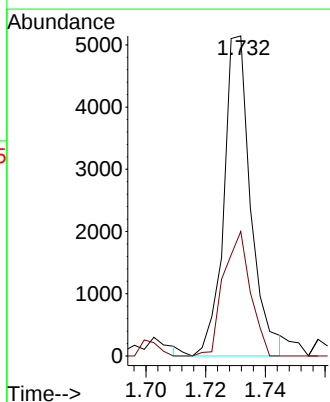
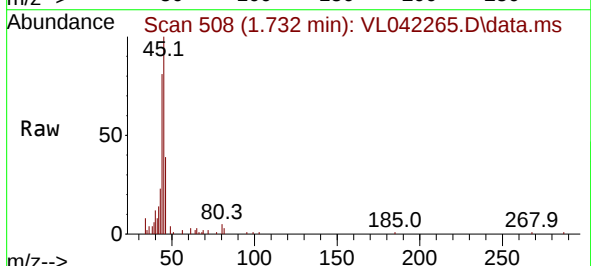
Manual Integrations
APPROVED

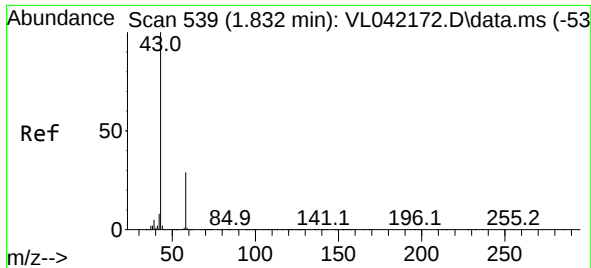
Reviewed By :Mahesh Dadoda 04/09/2025
Supervised By :Semsettin Yesilyurt 04/10/2025



#13
Ethanol
Concen: 3.150 ppbv m
RT: 1.732 min Scan# 508
Delta R.T. 0.013 min
Lab File: VL042265.D
Acq: 08 Apr 2025 15:56

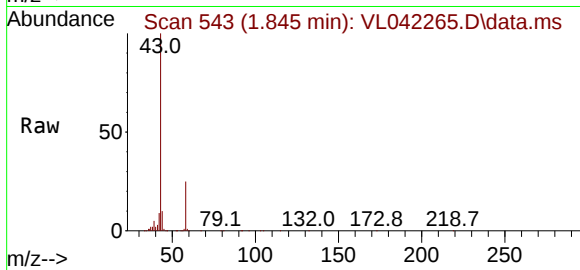
Tgt Ion: 45 Resp: 3245
Ion Ratio Lower Upper
45 100
46 0.0 20.2 80.8#





#15
Acetone
Concen: 2.235 ppbv
RT: 1.845 min Scan# 54
Delta R.T. 0.013 min
Lab File: VL042265.D
Acq: 08 Apr 2025 15:56

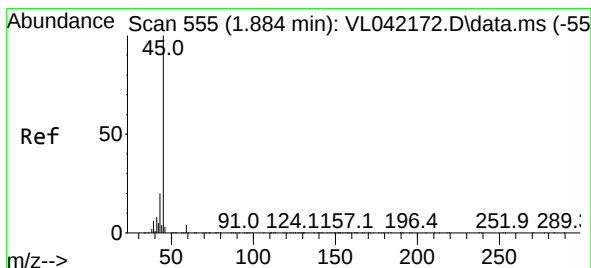
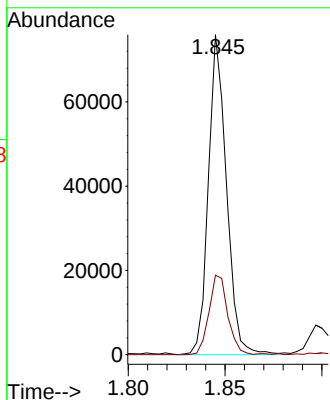
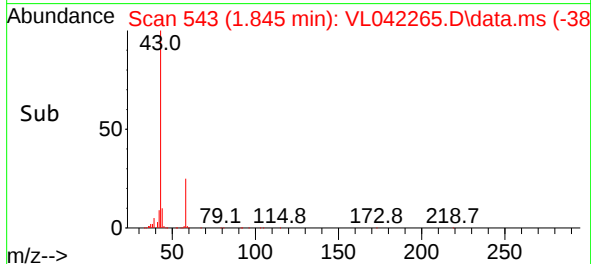
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B1-3-04012025



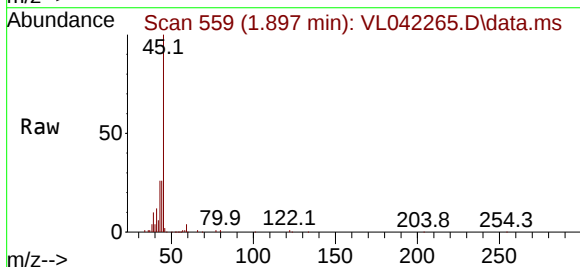
Tgt Ion: 43 Resp: 49250
Ion Ratio Lower Upper
43 100
58 26.1 23.2 34.8

Manual Integrations
APPROVED

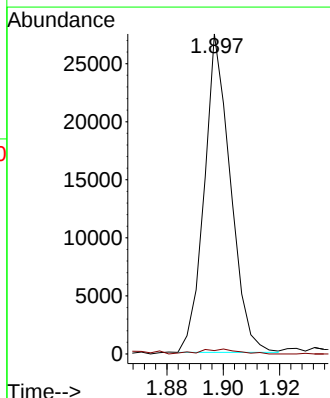
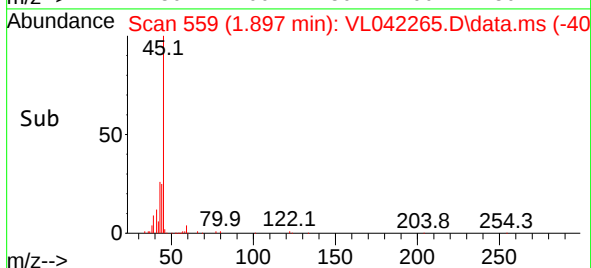
Reviewed By :Mahesh Dadoda 04/09/2025
Supervised By :Semsettin Yesilyurt 04/10/2025

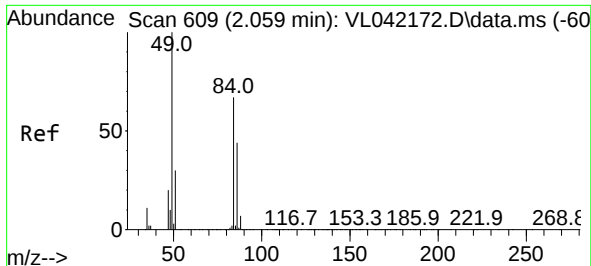


#19
Isopropyl Alcohol
Concen: 1.423 ppbv
RT: 1.897 min Scan# 559
Delta R.T. 0.013 min
Lab File: VL042265.D
Acq: 08 Apr 2025 15:56



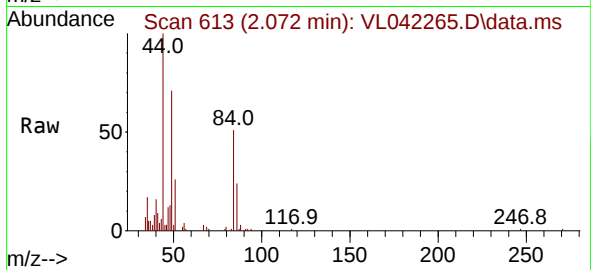
Tgt Ion: 45 Resp: 17693
Ion Ratio Lower Upper
45 100
58 72.6 36.9 55.3#





#20
Methylene Chloride
Concen: 0.341 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.013 min
Lab File: VL042265.D
Acq: 08 Apr 2025 15:56

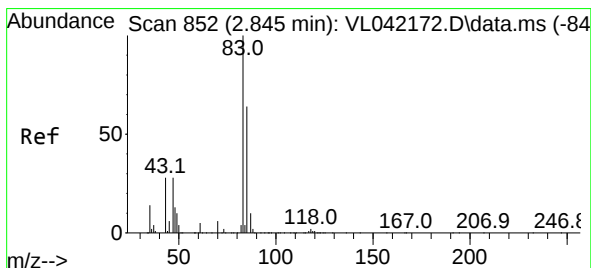
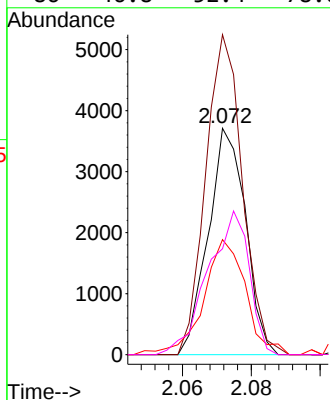
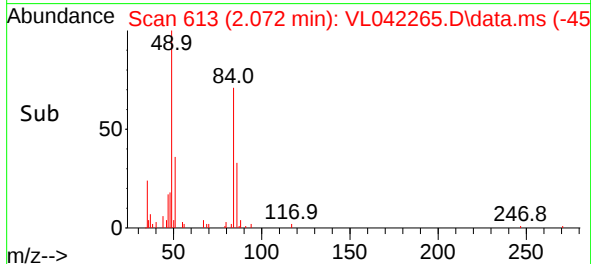
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B1-3-04012025



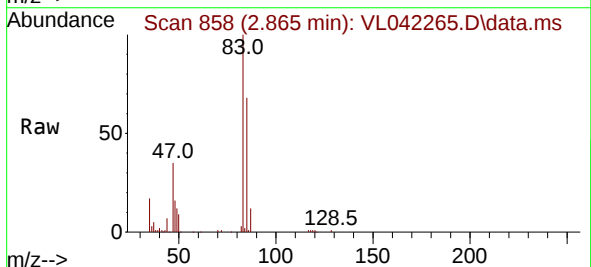
Tgt Ion:	84	Resp:	279
Ion	Ratio	Lower	Upper
84	100		
49	141.4	120.2	180.4
51	46.5	37.4	56.0
86	46.8	52.4	78.6

Manual Integrations
APPROVED

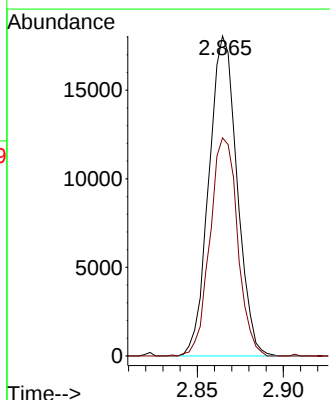
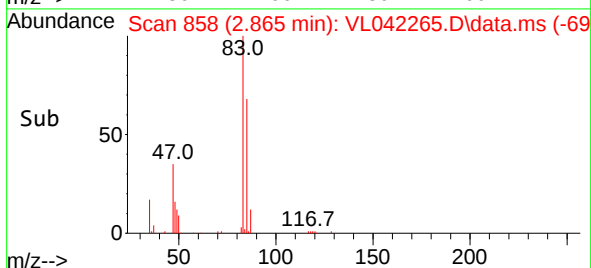
Reviewed By :Mahesh Dadoda 04/09/2025
Supervised By :Semsettin Yesilyurt 04/10/2025

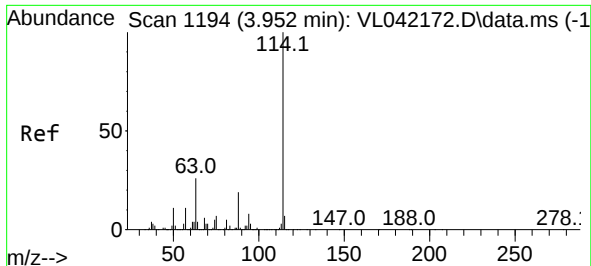


#29
Chloroform
Concen: 0.636 ppbv
RT: 2.865 min Scan# 858
Delta R.T. 0.019 min
Lab File: VL042265.D
Acq: 08 Apr 2025 15:56



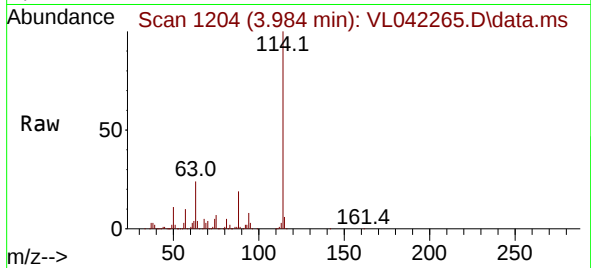
Tgt Ion:	83	Resp:	20569
Ion	Ratio	Lower	Upper
83	100		
85	68.2	51.4	77.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.984 min Scan# 1194
Delta R.T. 0.032 min
Lab File: VL042265.D
Acq: 08 Apr 2025 15:56

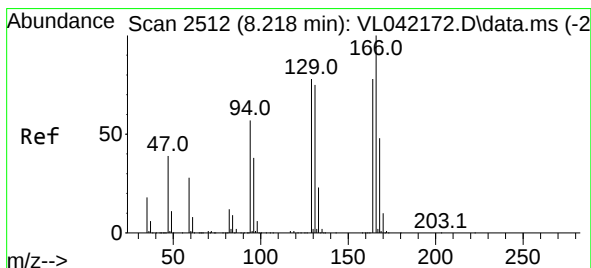
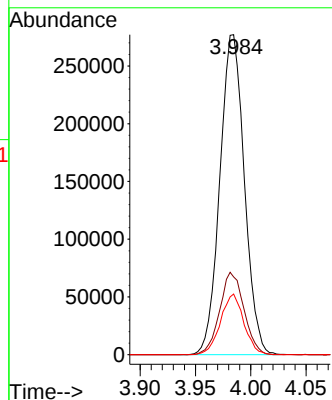
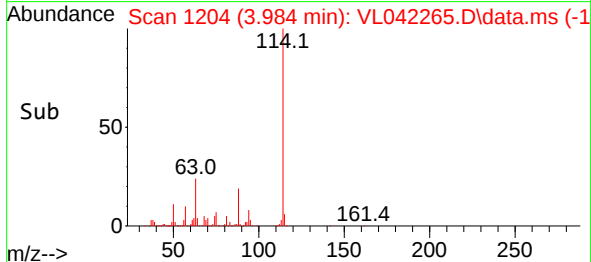
Instrument : MSVOA_L
ClientSampleId : SSSG-B1-3-04012025



Tgt Ion:114 Resp: 427230
Ion Ratio Lower Upper
114 100
63 25.5 20.7 31.1
88 18.1 15.0 22.4

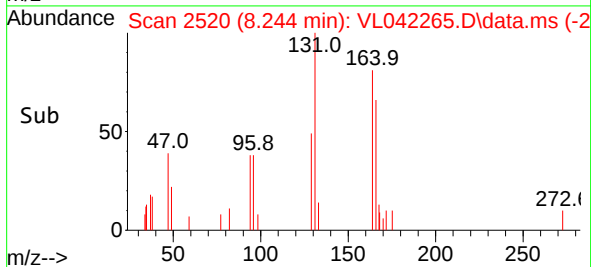
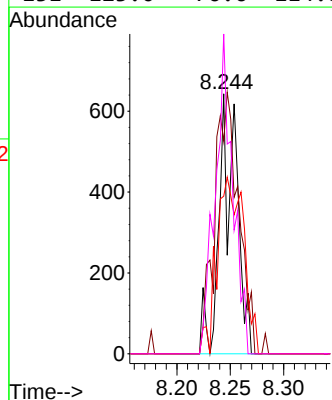
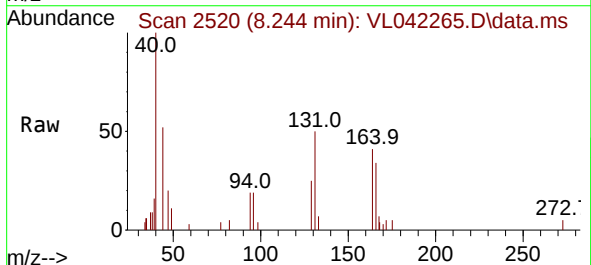
Manual Integrations
APPROVED

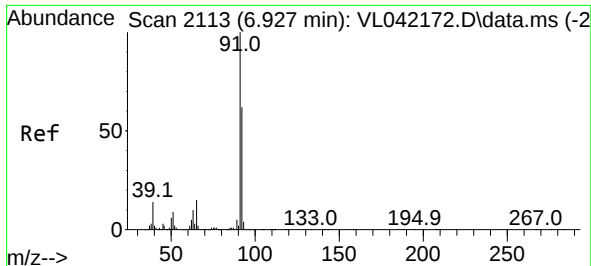
Reviewed By :Mahesh Dadoda 04/09/2025
Supervised By :Semsettin Yesilyurt 04/10/2025



#52
Tetrachloroethene
Concen: 0.043 ppbv m
RT: 8.244 min Scan# 2520
Delta R.T. 0.026 min
Lab File: VL042265.D
Acq: 08 Apr 2025 15:56

Tgt Ion:164 Resp: 730
Ion Ratio Lower Upper
164 100
166 81.8 102.5 153.7#
129 60.7 79.8 119.8#
131 123.0 76.6 114.8#





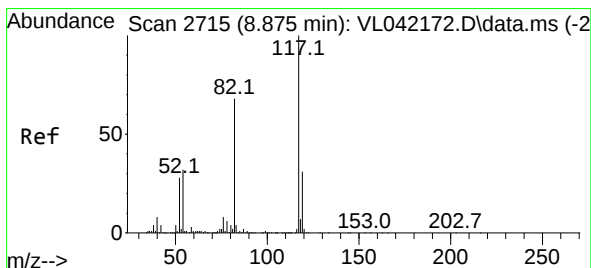
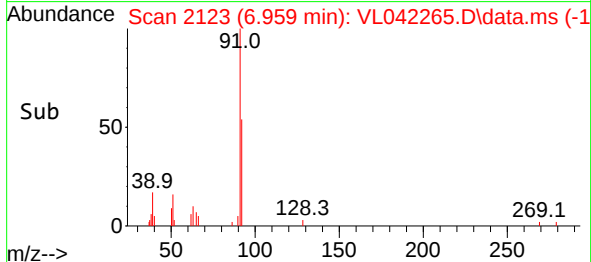
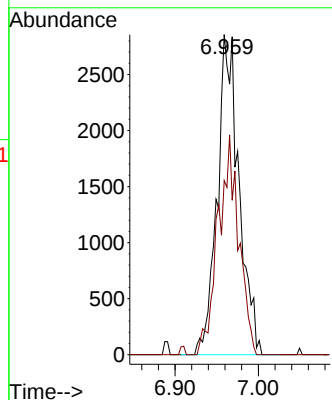
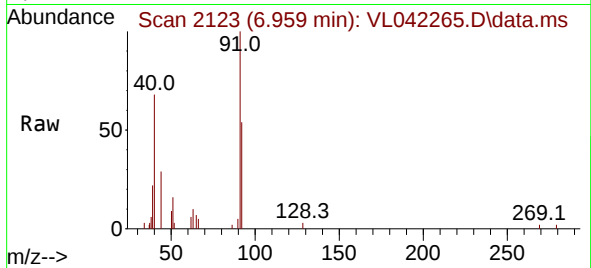
#53
Toluene
Concen: 0.103 ppbv m
RT: 6.959 min Scan# 2113
Delta R.T. 0.032 min
Lab File: VL042265.D
Acq: 08 Apr 2025 15:56

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B1-3-04012025

Tgt Ion: 91 Resp: 517
Ion Ratio Lower Upper
91 100
92 65.9 48.4 72.6

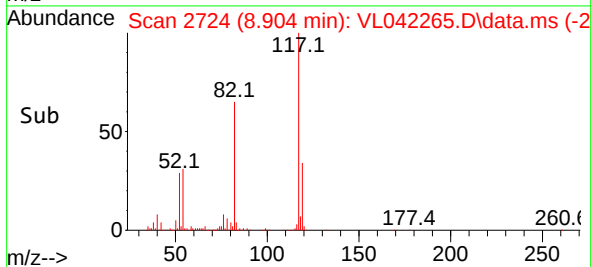
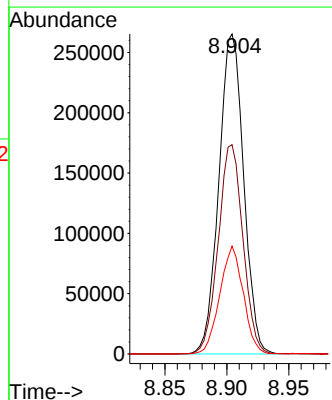
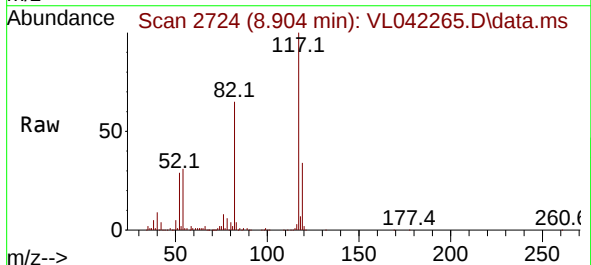
Manual Integrations
APPROVED

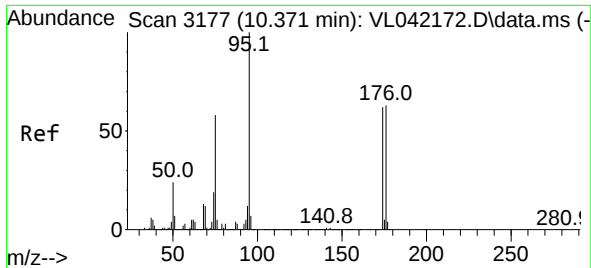
Reviewed By :Mahesh Dadoda 04/09/2025
Supervised By :Semsettin Yesilyurt 04/10/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.904 min Scan# 2724
Delta R.T. 0.029 min
Lab File: VL042265.D
Acq: 08 Apr 2025 15:56

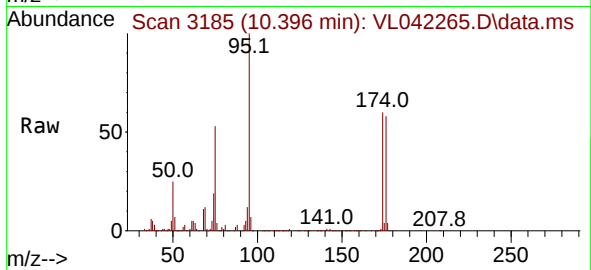
Tgt Ion:117 Resp: 370747
Ion Ratio Lower Upper
117 100
82 65.1 55.8 83.6
119 32.1 25.5 38.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.330 ppbv
 RT: 10.396 min Scan# 3177
 Delta R.T. 0.026 min
 Lab File: VL042265.D
 Acq: 08 Apr 2025 15:56

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B1-3-04012025



Tgt Ion: 95 Resp: 284068
 Ion Ratio Lower Upper
 95 100
 174 61.0 50.6 76.0
 175 4.5 3.8 5.6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/09/2025
 Supervised By :Semsettin Yesilyurt 04/10/2025

