

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
 Data File : VL042236.D
 Acq On : 07 Apr 2025 17:44
 Operator : SY/MD
 Sample : Q1725-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B10-4-04012025DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025
 Supervised By :Mahesh Dadoda 04/09/2025

Quant Time: Apr 08 01:33:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri 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	203982	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.981	114	532301	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.904	117	458285	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.396	95	357544	9.500	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.000%
Target Compounds						
13) Ethanol	1.729	45	17823	13.369	ppbv #	27
15) Acetone	1.845	43	96697	3.390	ppbv	94
18) 1,1-Dichloroethene	2.042	96	1841	0.163	ppbv	99
19) Isopropyl Alcohol	1.897	45	46008	2.858	ppbv	88
20) Methylene Chloride	2.072	84	2645m	0.249	ppbv	
29) Chloroform	2.865	83	1667671	39.844	ppbv	93
35) Carbon Tetrachloride	3.787	117	13908m	0.334	ppbv	
38) Trichloroethene	4.574	130	2161m	0.098	ppbv	
52) Tetrachloroethene	8.244	164	5959m	0.285	ppbv	
53) Toluene	6.962	91	7236m	0.116	ppbv	

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

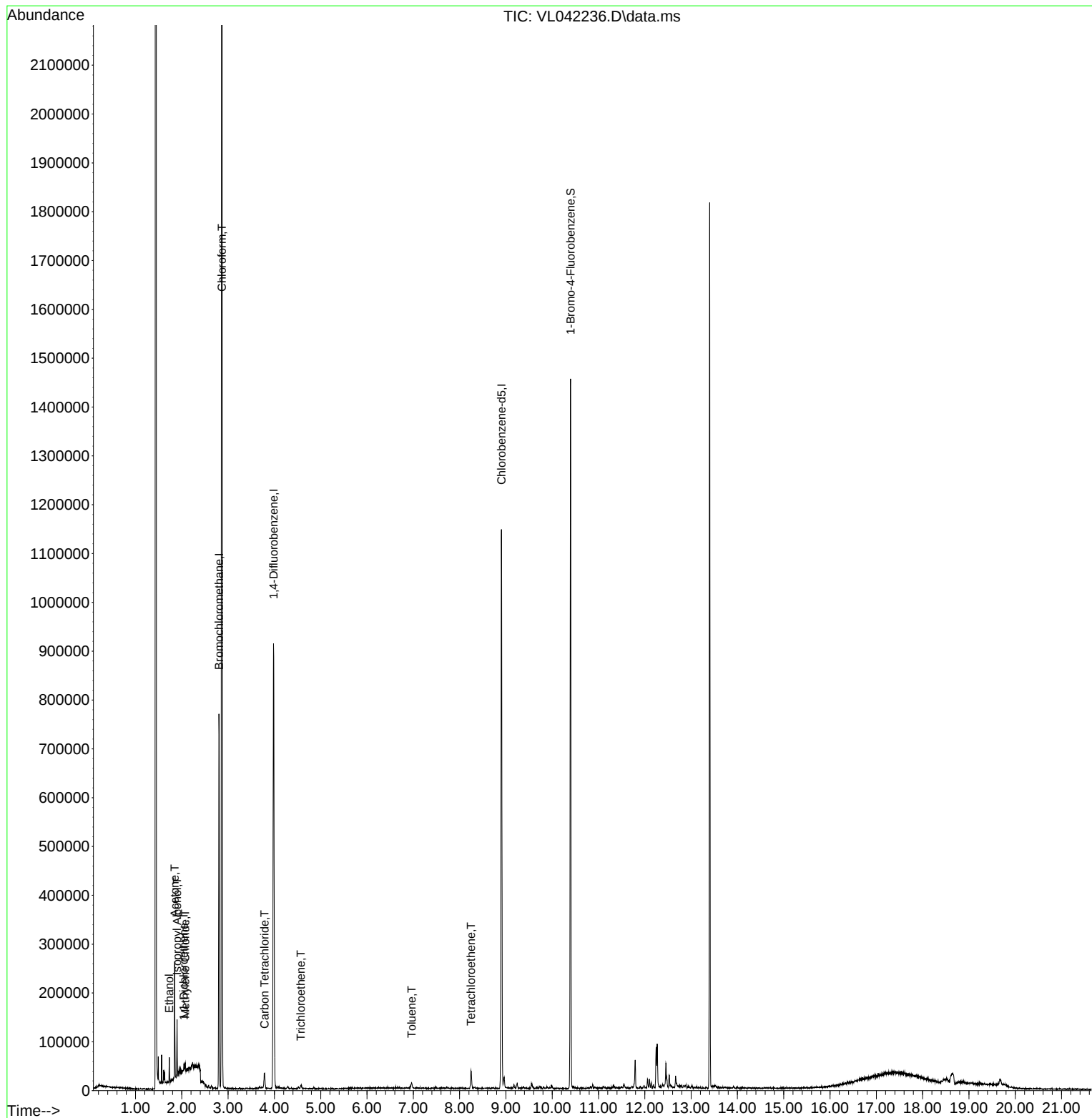
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
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APPROVED

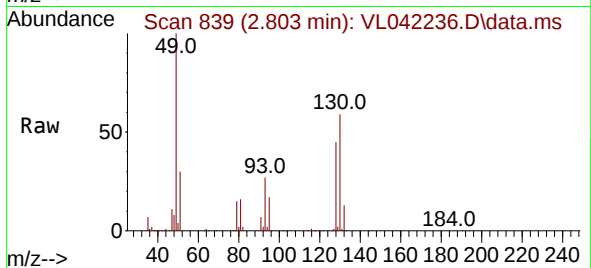
Reviewed By : Semsettin Yesilyurt 04/08/2025
Supervised By : Mahesh Dadoda 04/09/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 81
Delta R.T. 0.019 min
Lab File: VL042236.D
Acq: 07 Apr 2025 17:44

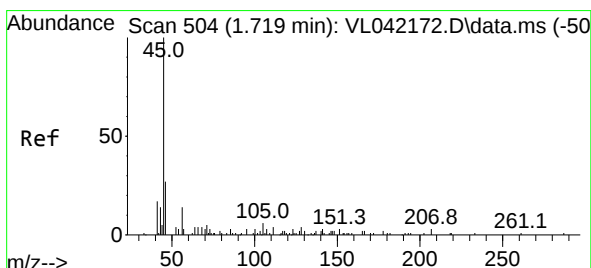
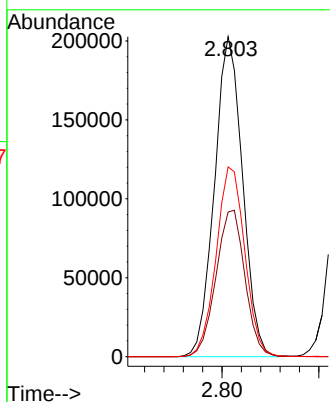
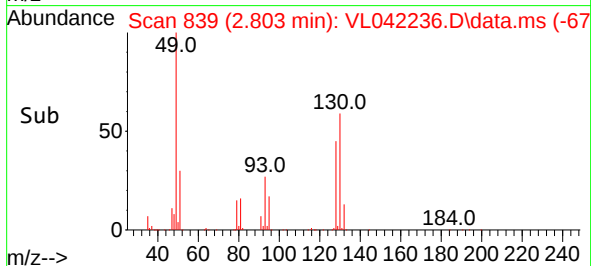
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-4-04012025DL



Tgt Ion: 49 Resp: 20398
Ion Ratio Lower Upper
49 100
128 47.3 22.9 68.5
130 60.7 28.8 86.4

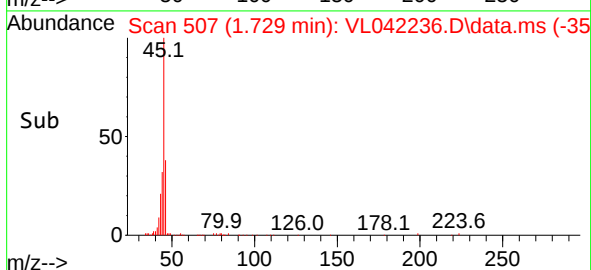
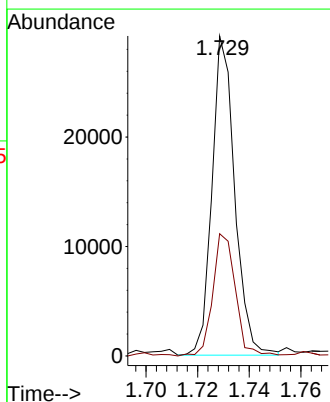
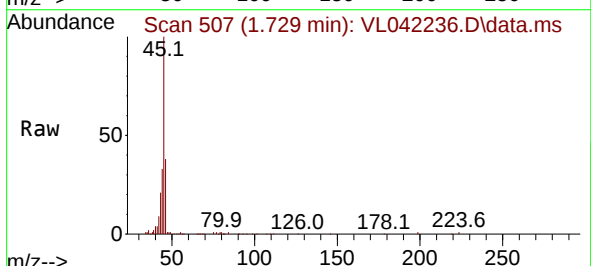
Manual Integrations
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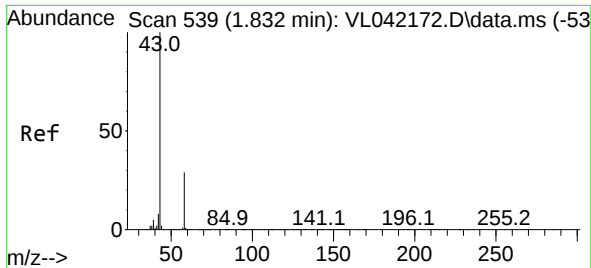
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#13
Ethanol
Concen: 13.369 ppbv
RT: 1.729 min Scan# 507
Delta R.T. 0.009 min
Lab File: VL042236.D
Acq: 07 Apr 2025 17:44

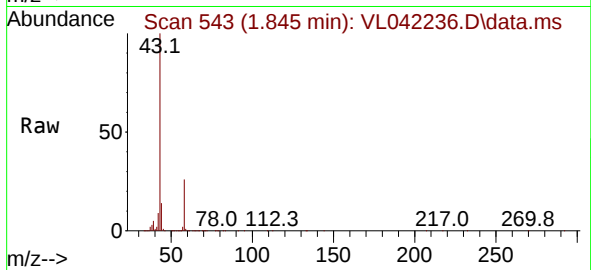
Tgt Ion: 45 Resp: 17823
Ion Ratio Lower Upper
45 100
46 0.0 20.2 80.8#





#15
Acetone
Concen: 3.390 ppbv
RT: 1.845 min Scan# 54
Delta R.T. 0.013 min
Lab File: VL042236.D
Acq: 07 Apr 2025 17:44

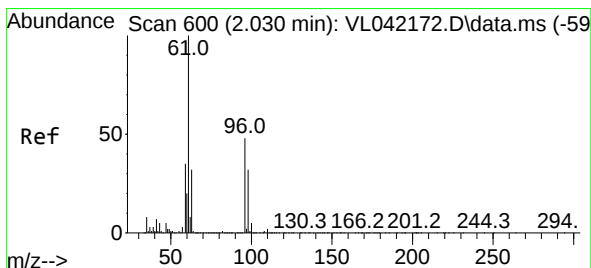
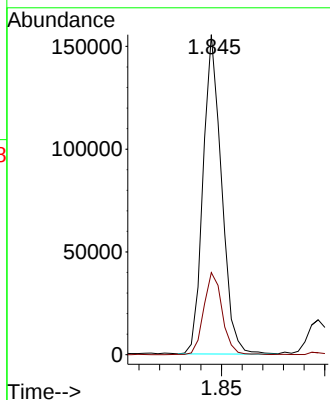
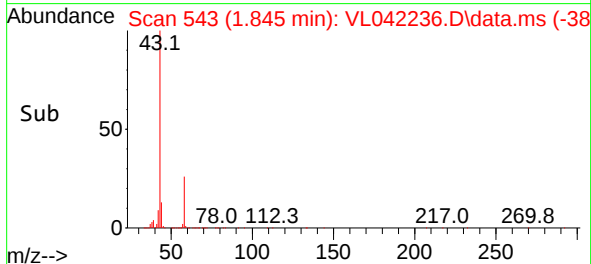
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-4-04012025DL



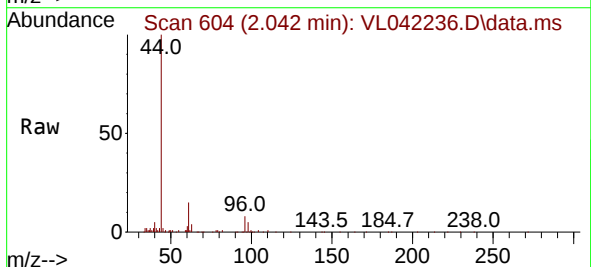
Tgt Ion: 43 Resp: 9669
Ion Ratio Lower Upper
43 100
58 25.7 23.2 34.8

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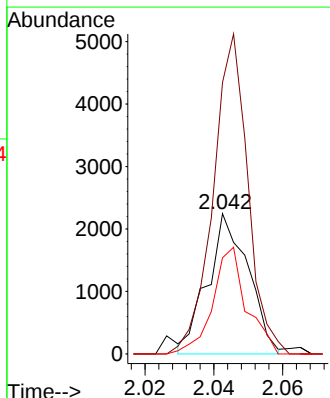
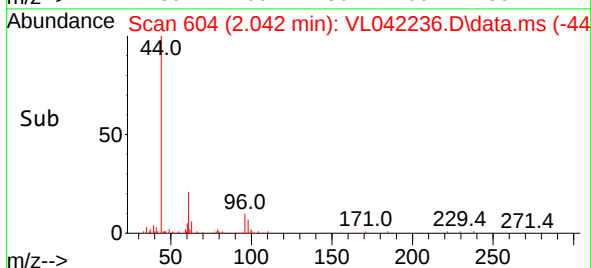
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

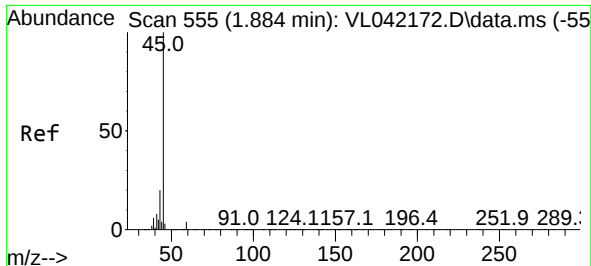


#18
1,1-Dichloroethene
Concen: 0.163 ppbv
RT: 2.042 min Scan# 604
Delta R.T. 0.013 min
Lab File: VL042236.D
Acq: 07 Apr 2025 17:44



Tgt Ion: 96 Resp: 1841
Ion Ratio Lower Upper
96 100
61 209.1 167.6 251.4
98 70.8 53.5 80.3





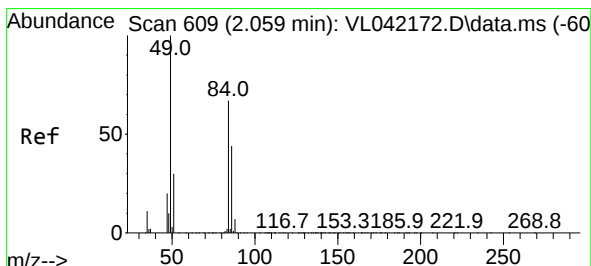
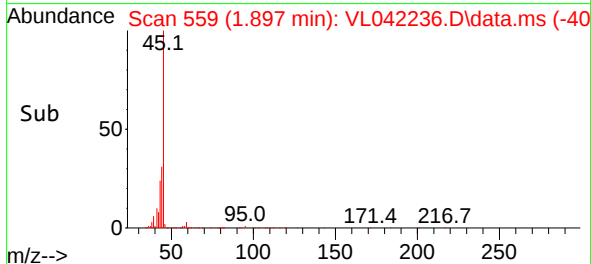
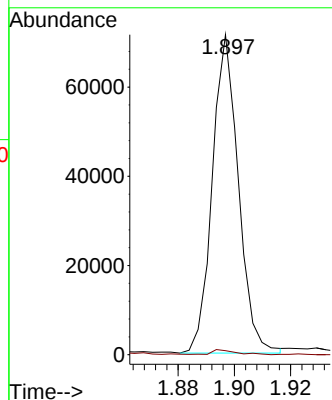
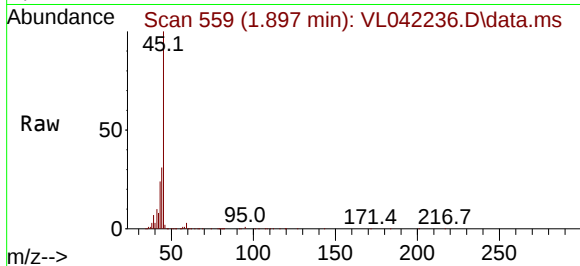
#19
Isopropyl Alcohol
Concen: 2.858 ppbv
RT: 1.897 min Scan# 511
Delta R.T. 0.013 min
Lab File: VL042236.D
Acq: 07 Apr 2025 17:44

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-4-04012025DL

Tgt Ion: 45 Resp: 46008
Ion Ratio Lower Upper
45 100
58 54.2 36.9 55.3

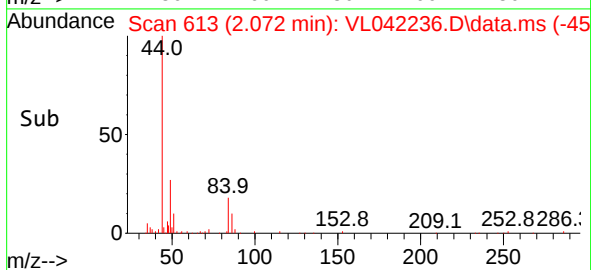
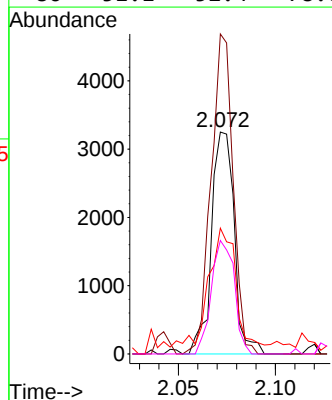
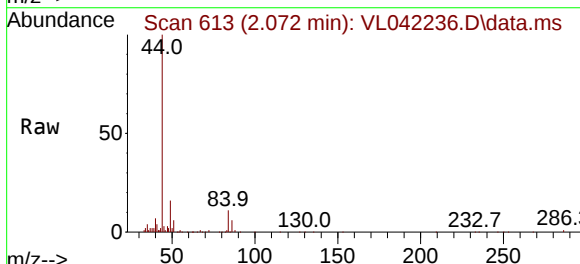
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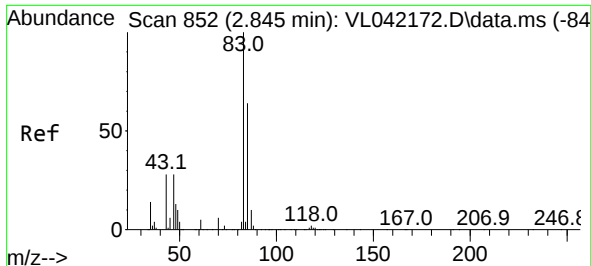
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#20
Methylene Chloride
Concen: 0.249 ppbv m
RT: 2.072 min Scan# 613
Delta R.T. 0.013 min
Lab File: VL042236.D
Acq: 07 Apr 2025 17:44

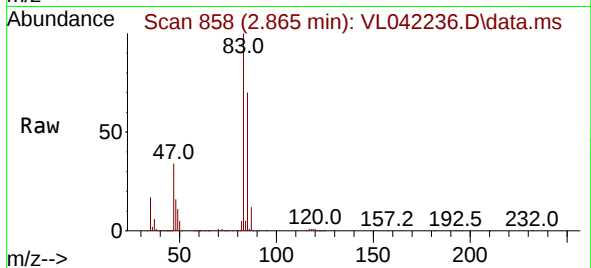
Tgt Ion: 84 Resp: 2645
Ion Ratio Lower Upper
84 100
49 144.2 120.2 180.4
51 56.7 37.4 56.0#
86 51.1 52.4 78.6#





#29
Chloroform
Concen: 39.844 ppbv
RT: 2.865 min Scan# 81
Delta R.T. 0.019 min
Lab File: VL042236.D
Acq: 07 Apr 2025 17:44

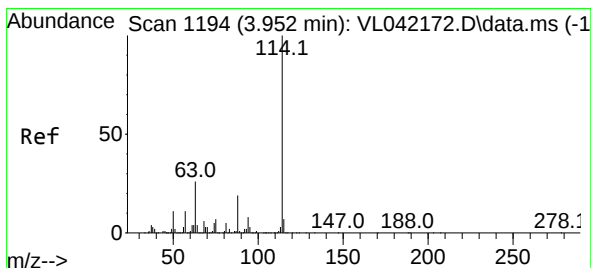
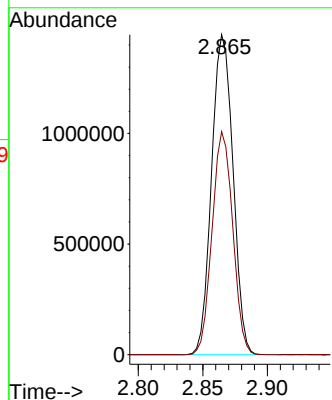
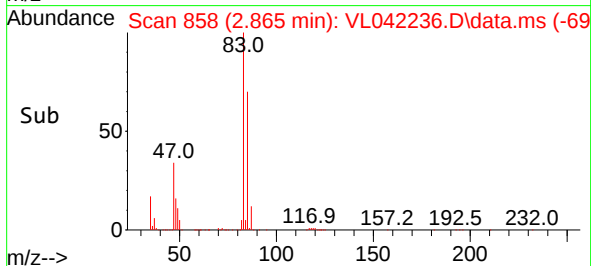
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-4-04012025DL



Tgt Ion: 83 Resp: 166767
Ion Ratio Lower Upper
83 100
85 69.7 51.4 77.2

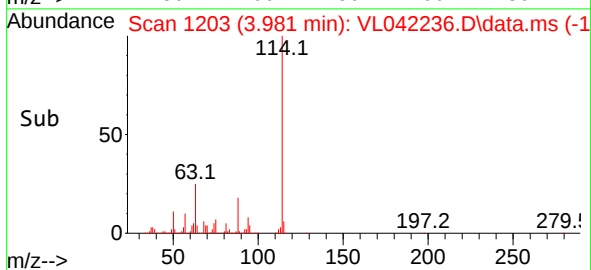
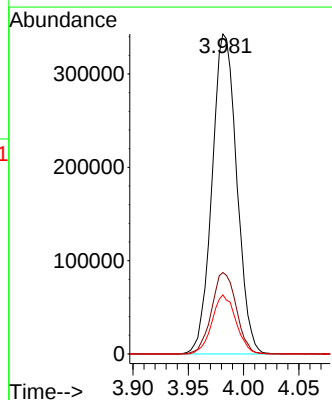
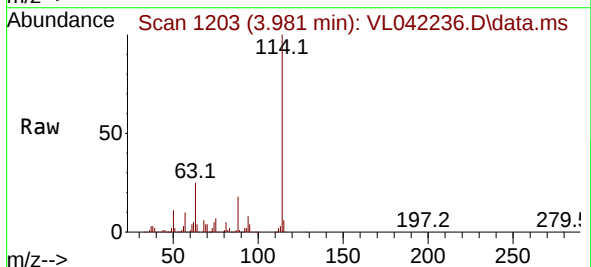
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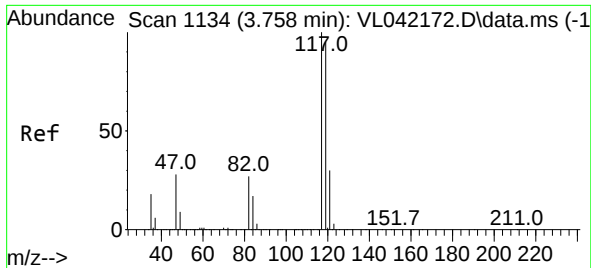
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.981 min Scan# 1203
Delta R.T. 0.029 min
Lab File: VL042236.D
Acq: 07 Apr 2025 17:44

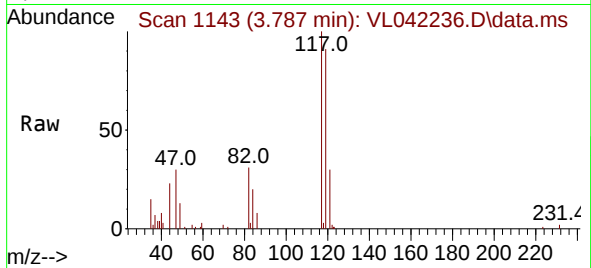
Tgt Ion:114 Resp: 532301
Ion Ratio Lower Upper
114 100
63 25.5 20.7 31.1
88 17.9 15.0 22.4





#35
Carbon Tetrachloride
Concen: 0.334 ppbv m
RT: 3.787 min Scan# 1134
Delta R.T. 0.029 min
Lab File: VL042236.D
Acq: 07 Apr 2025 17:44

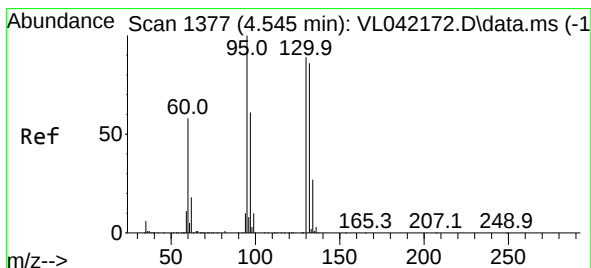
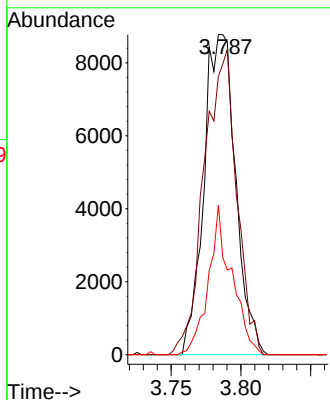
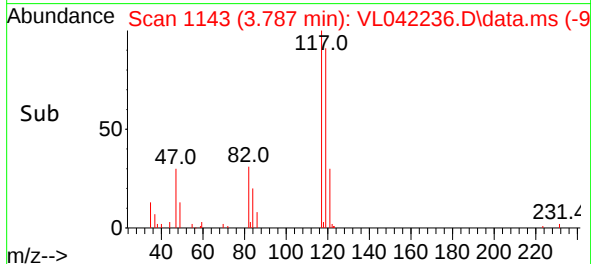
Instrument : MSVOA_L
ClientSampleId : SSSG-B10-4-04012025DL



Tgt Ion:117 Resp: 13908
Ion Ratio Lower Upper
117 100
119 90.9 76.2 114.2
121 30.4 24.2 36.4

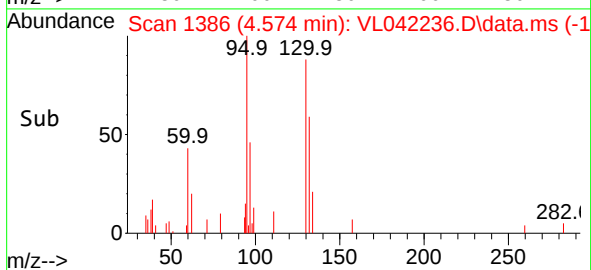
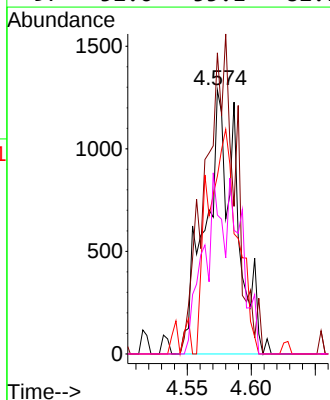
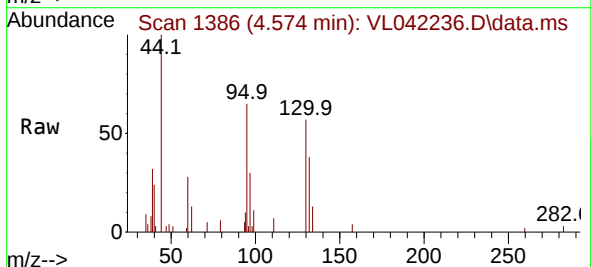
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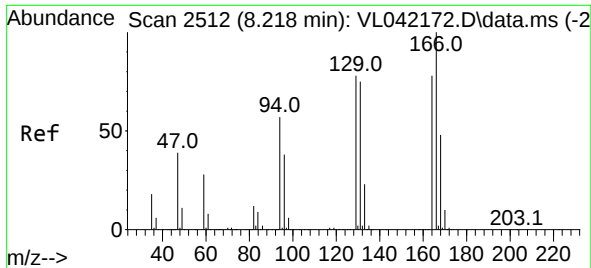
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#38
Trichloroethene
Concen: 0.098 ppbv m
RT: 4.574 min Scan# 1386
Delta R.T. 0.029 min
Lab File: VL042236.D
Acq: 07 Apr 2025 17:44

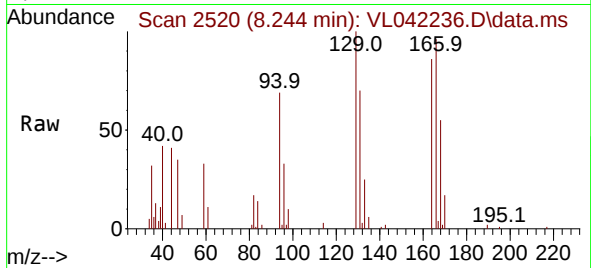
Tgt Ion:130 Resp: 2161
Ion Ratio Lower Upper
130 100
95 114.2 89.8 134.8
132 67.4 77.4 116.2#
97 52.6 55.1 82.7#





#52
Tetrachloroethene
Concen: 0.285 ppbv m
RT: 8.244 min Scan# 2124
Delta R.T. 0.026 min
Lab File: VL042236.D
Acq: 07 Apr 2025 17:44

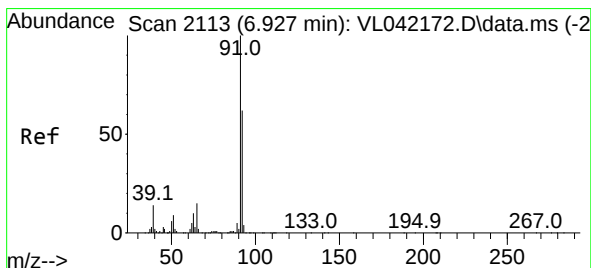
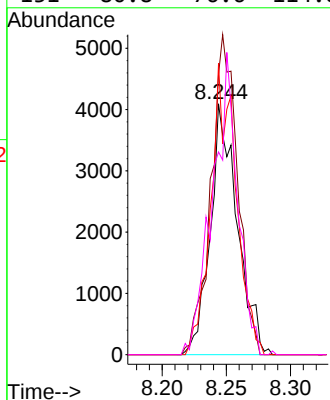
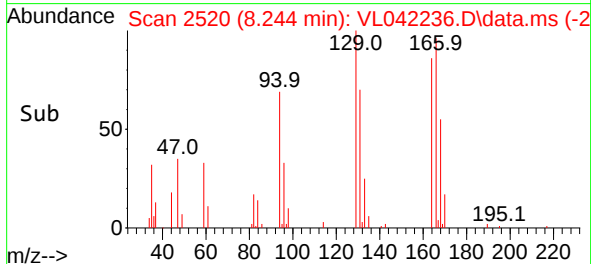
Instrument : MSVOA_L
ClientSampleId : SSSG-B10-4-04012025DL



Tgt Ion:164 Resp: 5958
Ion Ratio Lower Upper
164 100
166 111.7 102.5 153.7
129 116.1 79.8 119.8
131 80.8 76.6 114.8

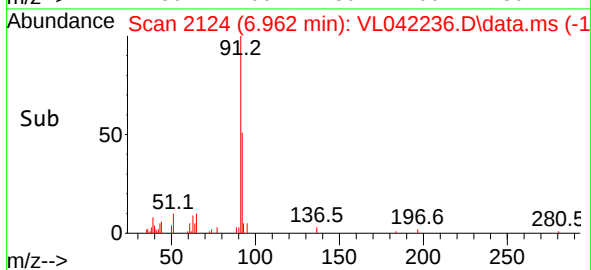
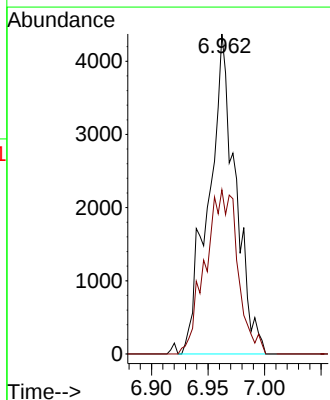
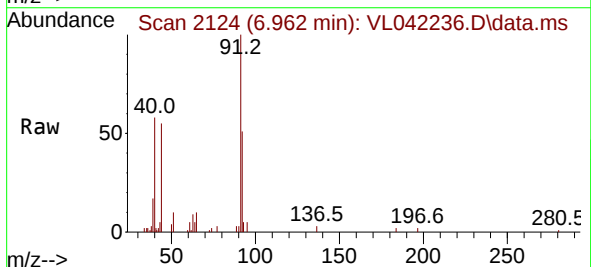
Manual Integrations
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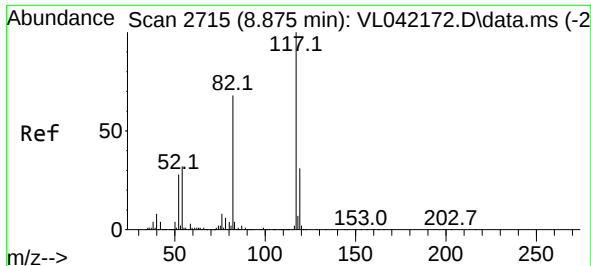
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#53
Toluene
Concen: 0.116 ppbv m
RT: 6.962 min Scan# 2124
Delta R.T. 0.035 min
Lab File: VL042236.D
Acq: 07 Apr 2025 17:44

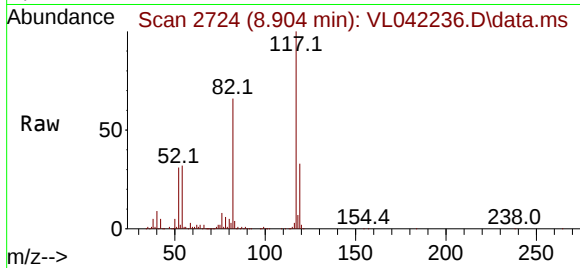
Tgt Ion: 91 Resp: 7236
Ion Ratio Lower Upper
91 100
92 0.0 48.4 72.6#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.904 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL042236.D
Acq: 07 Apr 2025 17:44

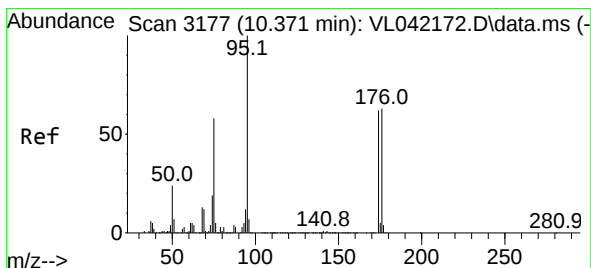
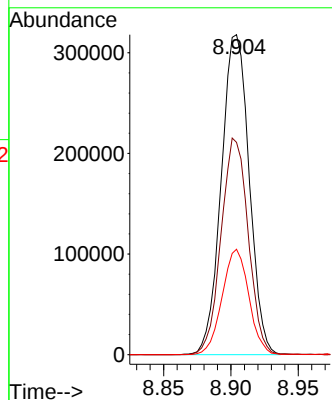
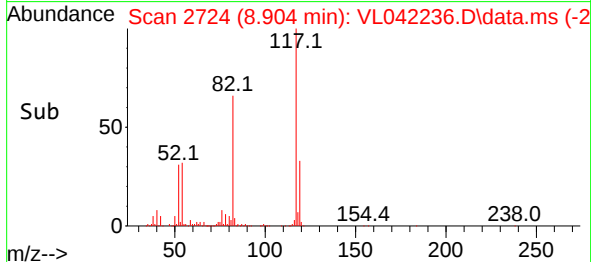
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-4-04012025DL



Tgt Ion: 117 Resp: 458285
Ion Ratio Lower Upper
117 100
82 65.9 55.8 83.6
119 31.7 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 9.500 ppbv
RT: 10.396 min Scan# 3185
Delta R.T. 0.026 min
Lab File: VL042236.D
Acq: 07 Apr 2025 17:44

Tgt Ion: 95 Resp: 357544
Ion Ratio Lower Upper
95 100
174 60.1 50.6 76.0
175 4.5 3.8 5.6

