

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
 Data File : VL042110.D
 Acq On : 05 Mar 2025 18:34
 Operator : SY/MD
 Sample : Q1483-03 1200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025

Quant Time: Mar 06 01:11:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.813	49	157863	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.998	114	348468	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.921	117	288912	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.409	95	205982	9.267	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.700%
Target Compounds						
					Qvalue	
22) trans-1,2-Dichloroethene	2.363	96	1130m	0.164	ppbv	
29) Chloroform	2.871	83	4787	0.158	ppbv #	82
31) cis-1,2-Dichloroethene	2.745	61	34215	1.602	ppbv	98
38) Trichloroethene	4.596	130	60818	4.083	ppbv	92
52) Tetrachloroethene	8.283	164	3422840	274.084	ppbv	94

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

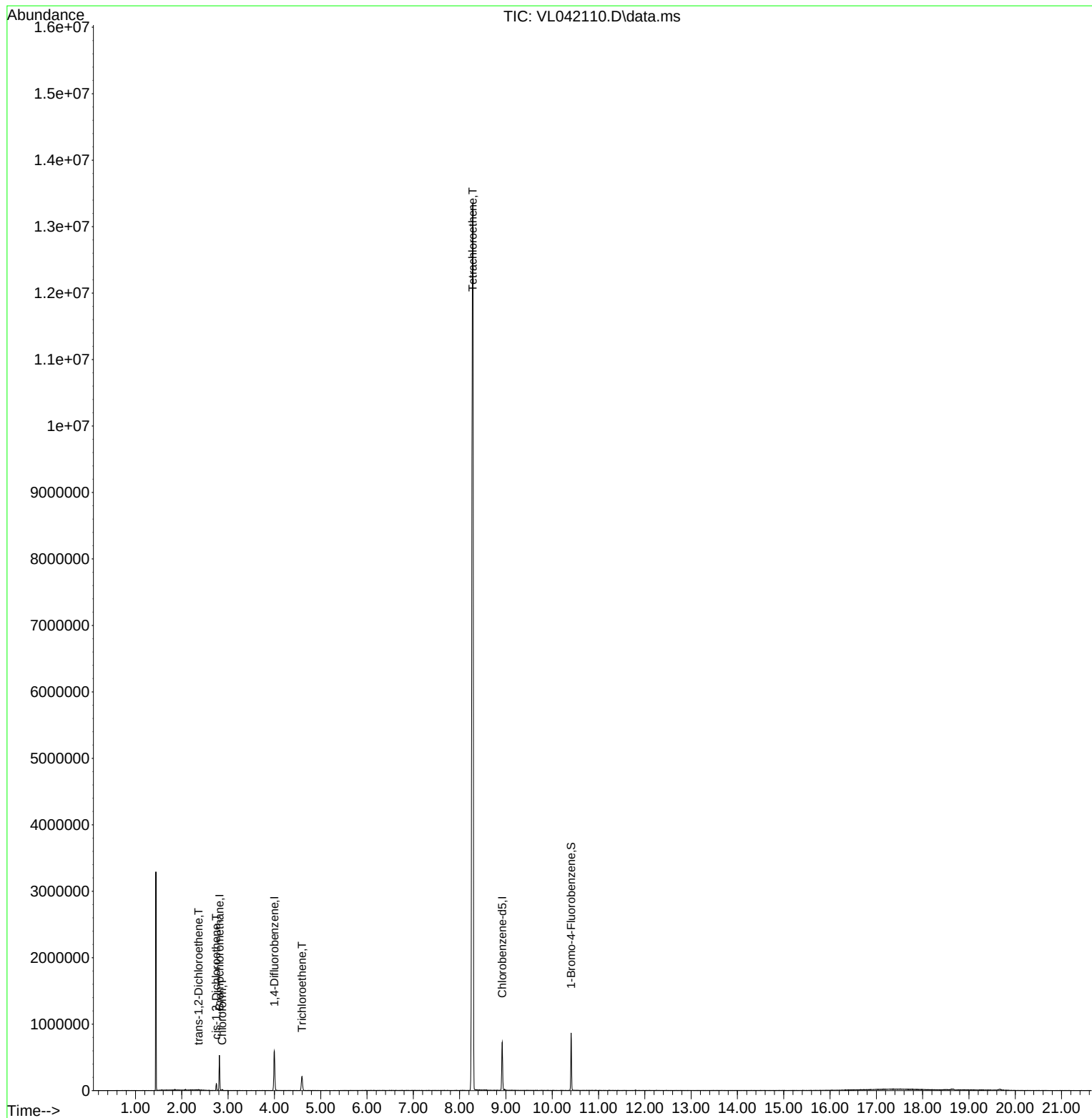
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
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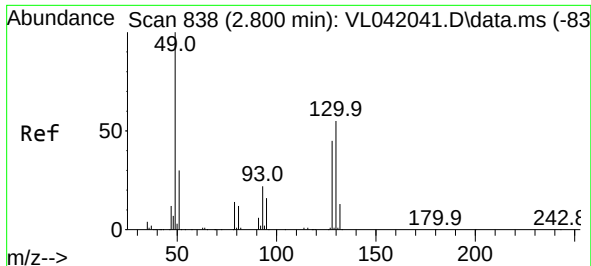
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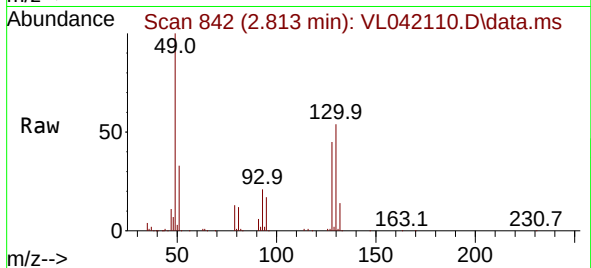
Quant Time: Mar 06 01:11:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.813 min Scan# 842
Delta R.T. 0.013 min
Lab File: VL042110.D
Acq: 05 Mar 2025 18:34

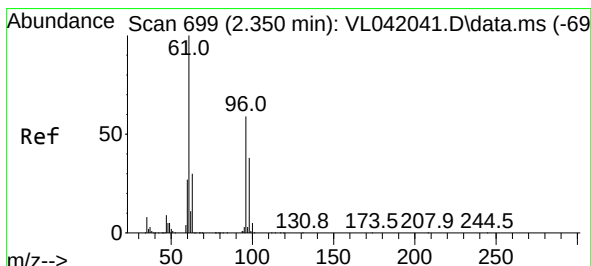
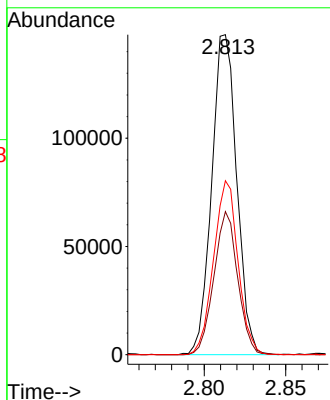
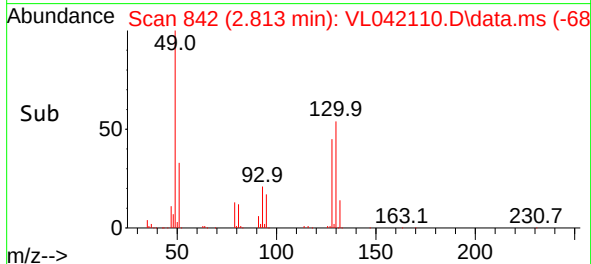
Instrument :
MSVOA_L
ClientSampleId :
SV1



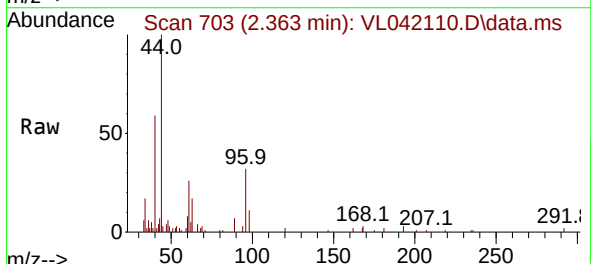
Tgt Ion: 49 Resp: 15786
Ion Ratio Lower Upper
49 100
128 42.5 21.6 64.8
130 53.1 27.8 83.4

Manual Integrations
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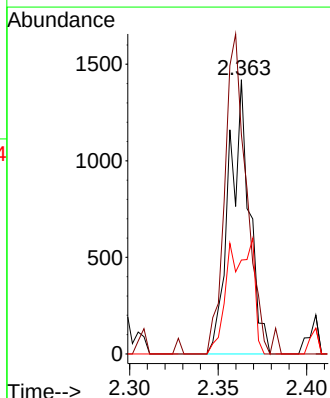
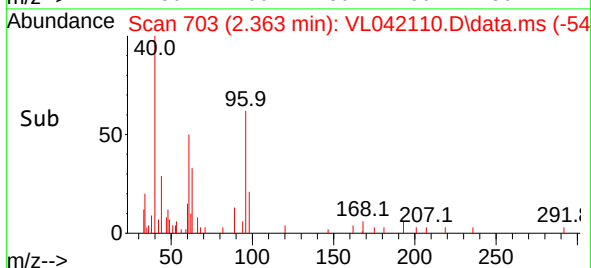
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

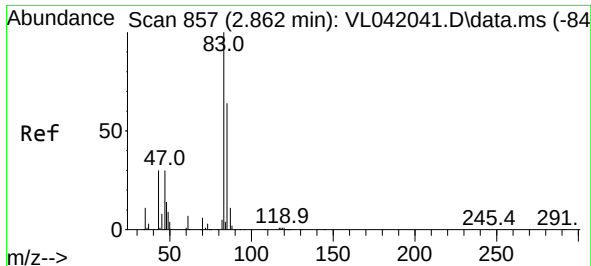


#22
trans-1,2-Dichloroethene
Concen: 0.164 ppbv m
RT: 2.363 min Scan# 703
Delta R.T. 0.013 min
Lab File: VL042110.D
Acq: 05 Mar 2025 18:34



Tgt Ion: 96 Resp: 1130
Ion Ratio Lower Upper
96 100
61 80.0 136.6 205.0#
98 34.2 51.8 77.6#





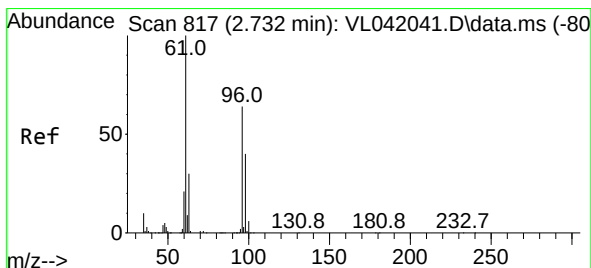
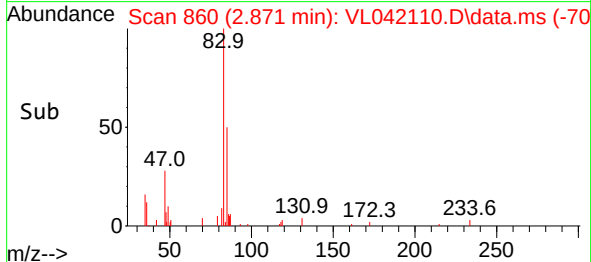
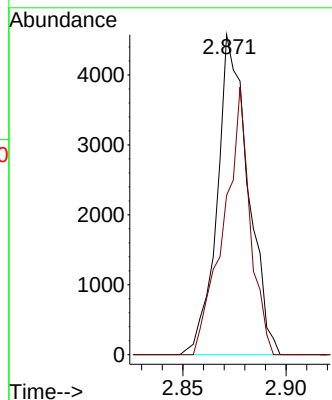
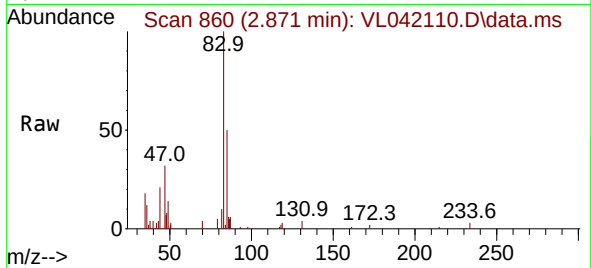
#29
Chloroform
Concen: 0.158 ppbv
RT: 2.871 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL042110.D
Acq: 05 Mar 2025 18:34

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 83 Resp: 478
Ion Ratio Lower Upper
83 100
85 49.8 51.2 76.8

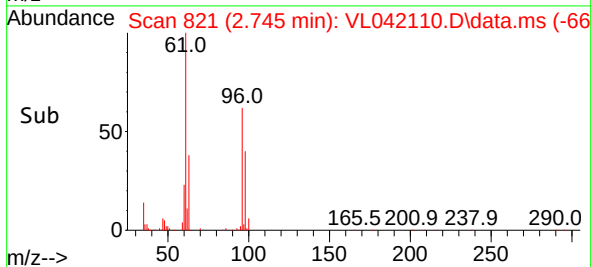
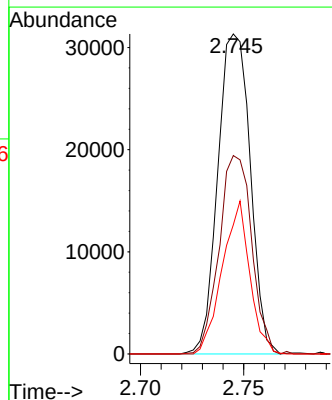
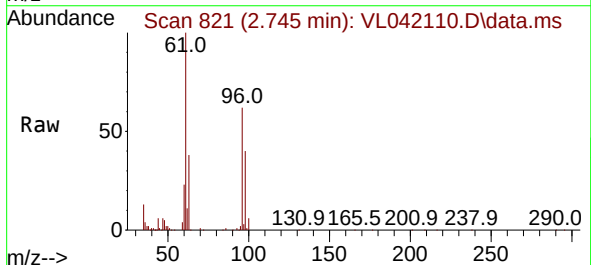
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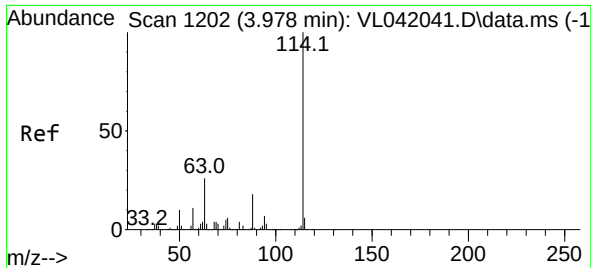
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#31
cis-1,2-Dichloroethene
Concen: 1.602 ppbv
RT: 2.745 min Scan# 821
Delta R.T. 0.013 min
Lab File: VL042110.D
Acq: 05 Mar 2025 18:34

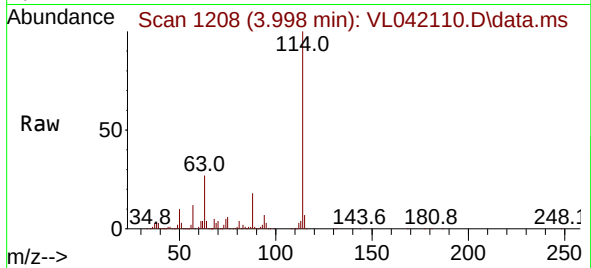
Tgt Ion: 61 Resp: 34215
Ion Ratio Lower Upper
61 100
96 62.0 51.5 77.3
98 40.4 32.0 48.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.998 min Scan# 1114
Delta R.T. 0.019 min
Lab File: VL042110.D
Acq: 05 Mar 2025 18:34

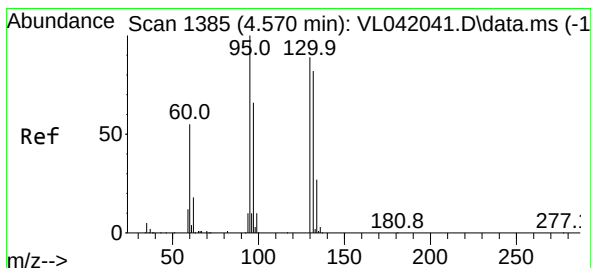
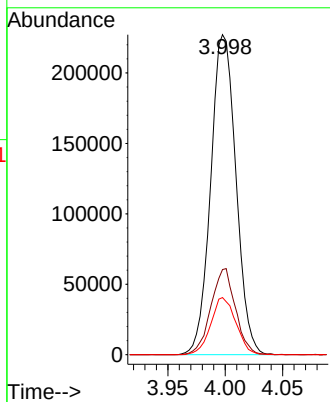
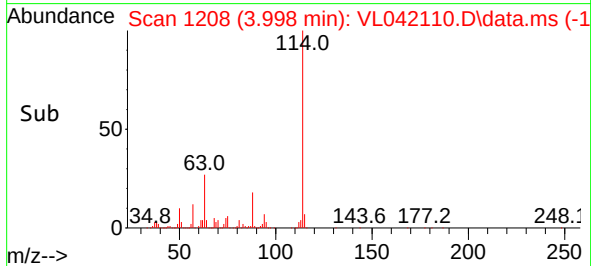
Instrument :
MSVOA_L
ClientSampleId :
SV1



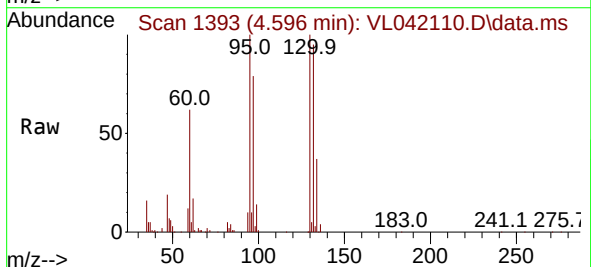
Tgt Ion:114 Resp: 34846
Ion Ratio Lower Upper
114 100
63 26.2 20.1 30.1
88 17.7 14.3 21.5

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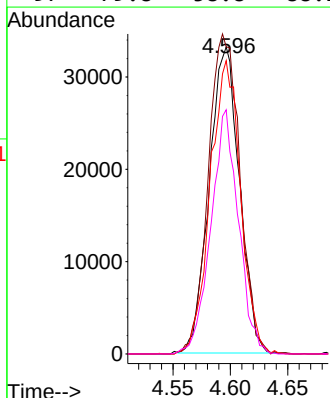
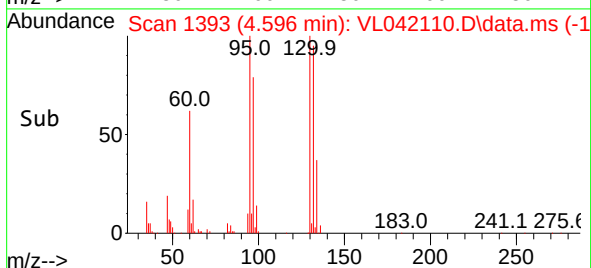
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

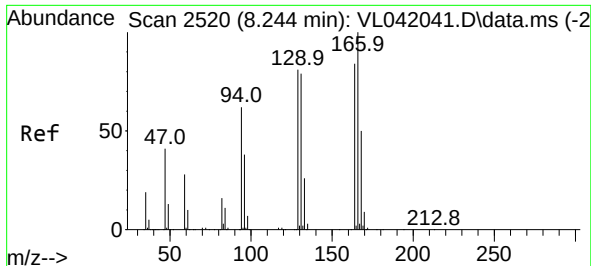


#38
Trichloroethene
Concen: 4.083 ppbv
RT: 4.596 min Scan# 1393
Delta R.T. 0.026 min
Lab File: VL042110.D
Acq: 05 Mar 2025 18:34



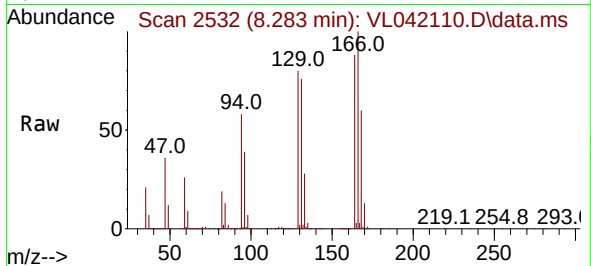
Tgt Ion:130 Resp: 60818
Ion Ratio Lower Upper
130 100
95 100.2 89.5 134.3
132 95.5 73.8 110.6
97 79.8 58.8 88.2





#52
Tetrachloroethene
Concen: 274.084 ppbv
RT: 8.283 min Scan# 21
Delta R.T. 0.039 min
Lab File: VL042110.D
Acq: 05 Mar 2025 18:34

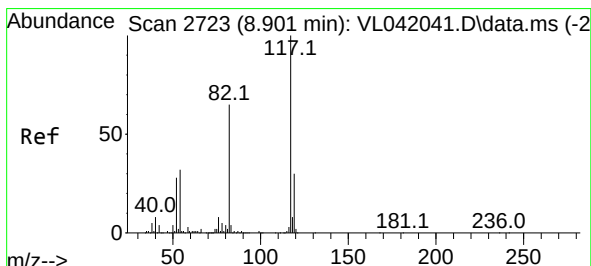
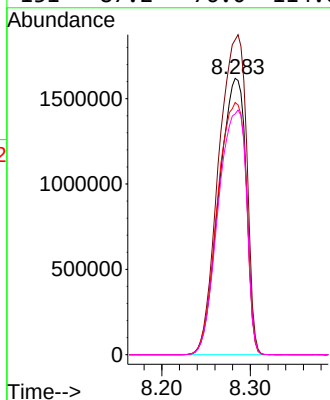
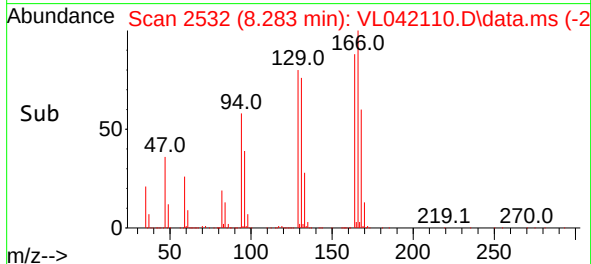
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion:164 Resp: 3422840
Ion Ratio Lower Upper
164 100
166 113.9 95.7 143.5
129 91.2 77.1 115.7
131 87.2 76.0 114.0

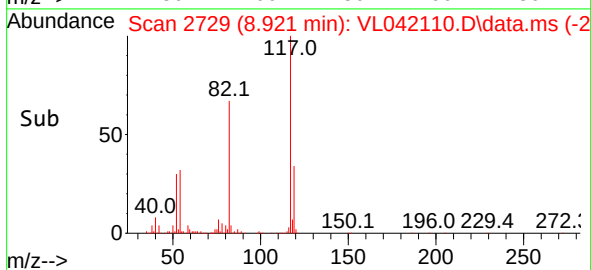
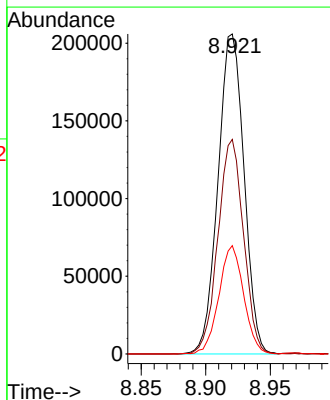
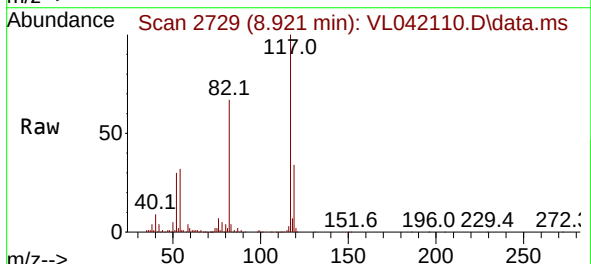
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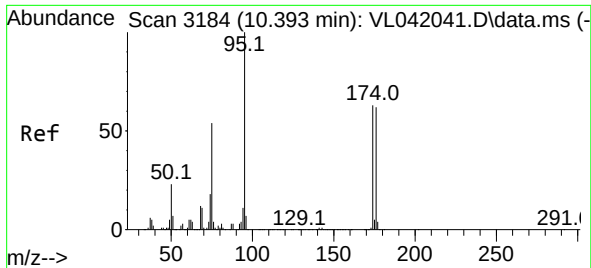
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.921 min Scan# 2729
Delta R.T. 0.019 min
Lab File: VL042110.D
Acq: 05 Mar 2025 18:34

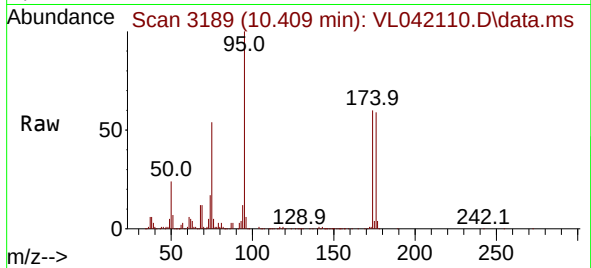
Tgt Ion:117 Resp: 288912
Ion Ratio Lower Upper
117 100
82 65.8 55.0 82.6
119 32.5 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.267 ppbv
 RT: 10.409 min Scan# 31
 Delta R.T. 0.016 min
 Lab File: VL042110.D
 Acq: 05 Mar 2025 18:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1



Tgt Ion: 95 Resp: 205982
 Ion Ratio Lower Upper
 95 100
 174 60.6 51.8 77.6
 175 4.4 3.9 5.9

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