

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
 Data File : VL042108.D
 Acq On : 05 Mar 2025 17:31
 Operator : SY/MD
 Sample : Q1483-06 1200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4

Manual Integrations
 APPROVED

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

Quant Time: Mar 06 01:10:27 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	2.810	49	157233	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.991	114	350842	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.914	117	294774	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.403	95	207279	9.140	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.400%
Target Compounds						
					Qvalue	
19) Isopropyl Alcohol	1.900	45	4948	0.620	ppbv	# 40
22) trans-1,2-Dichloroethene	2.356	96	819m	0.119	ppbv	
31) cis-1,2-Dichloroethene	2.742	61	20823	0.979	ppbv	99
38) Trichloroethene	4.583	130	30337m	2.023	ppbv	
52) Tetrachloroethene	8.267	164	1666581	132.549	ppbv	97

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

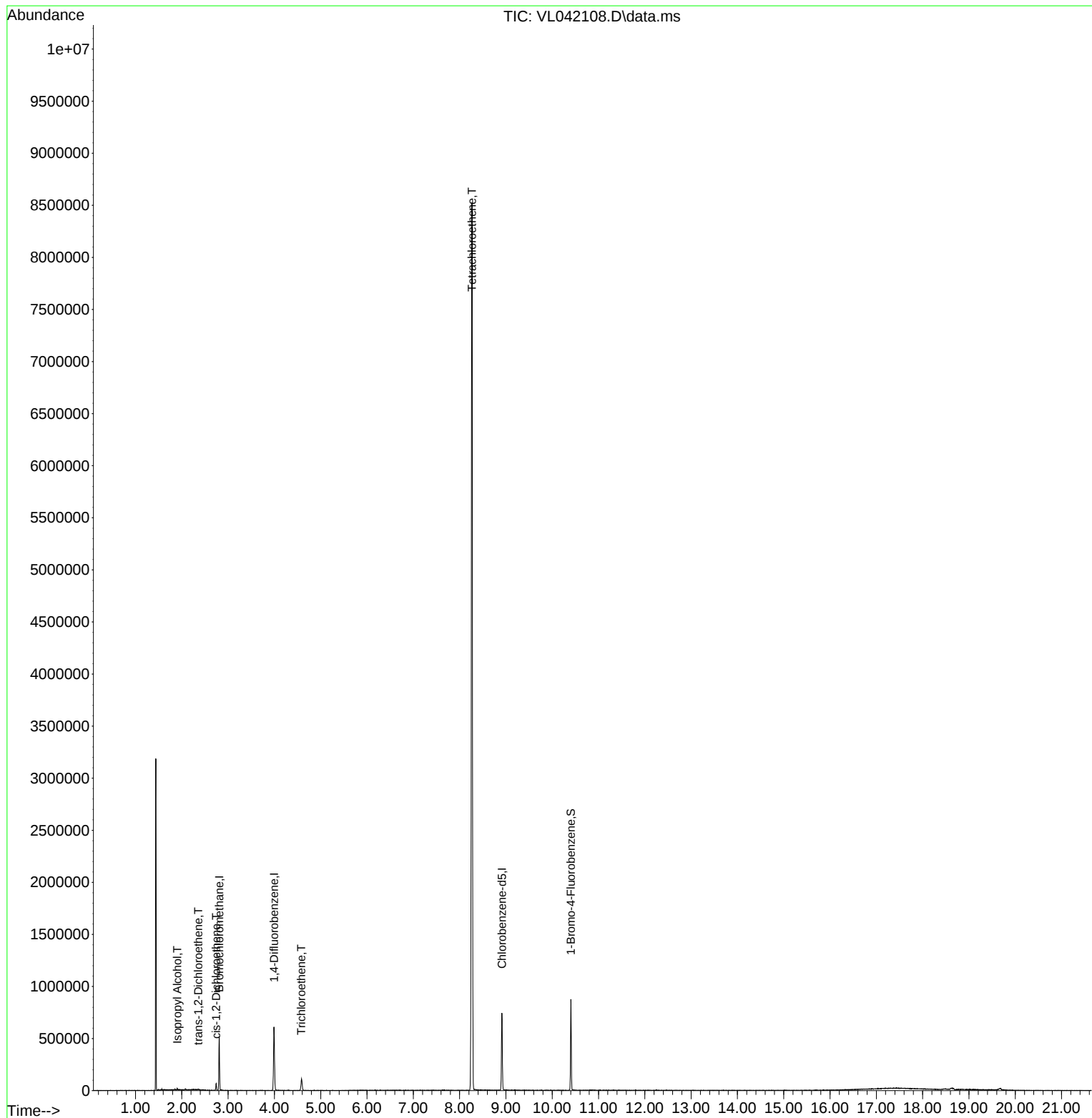
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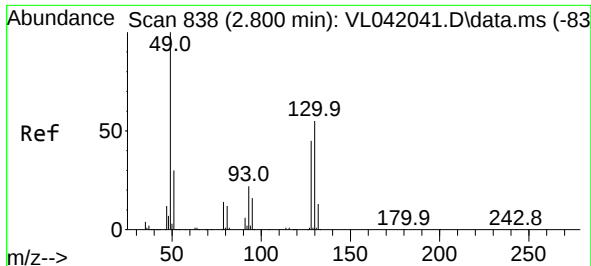
Instrument :
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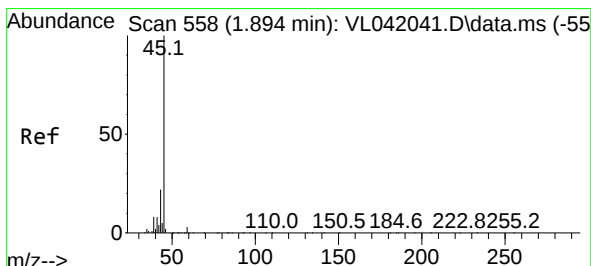
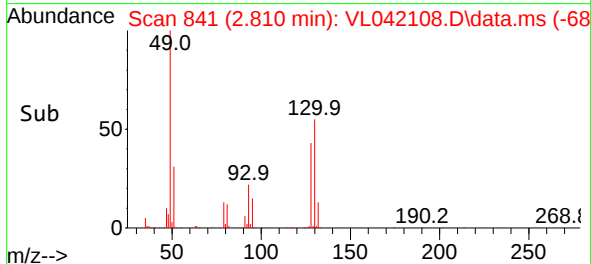
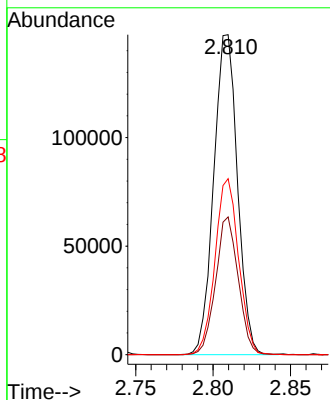
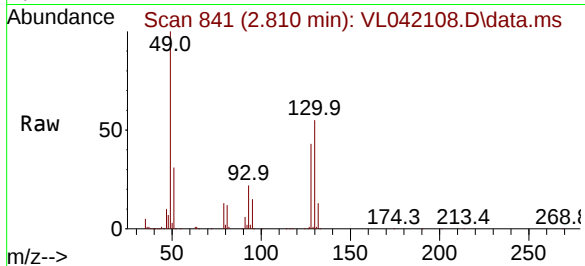
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.810 min Scan# 841
Delta R.T. 0.010 min
Lab File: VL042108.D
Acq: 05 Mar 2025 17:31

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 49 Resp: 15723
Ion Ratio Lower Upper
49 100
128 41.0 21.6 64.8
130 54.7 27.8 83.4

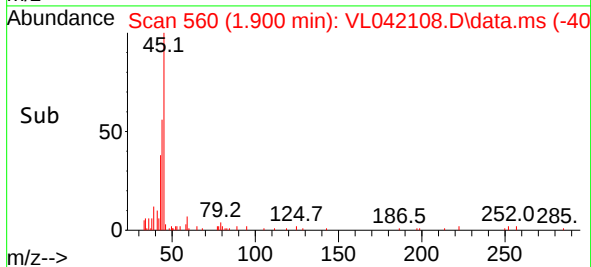
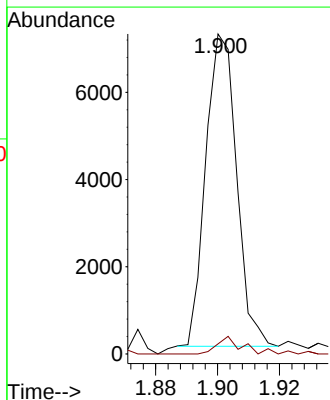
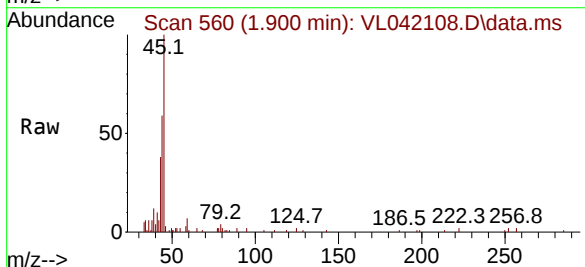
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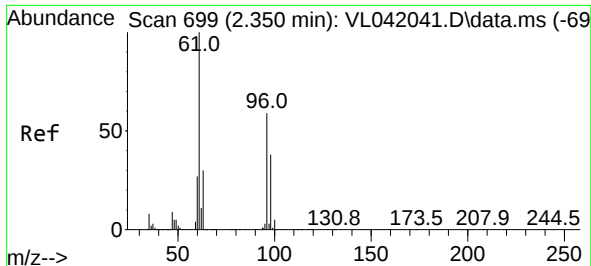
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#19
Isopropyl Alcohol
Concen: 0.620 ppbv
RT: 1.900 min Scan# 560
Delta R.T. 0.006 min
Lab File: VL042108.D
Acq: 05 Mar 2025 17:31

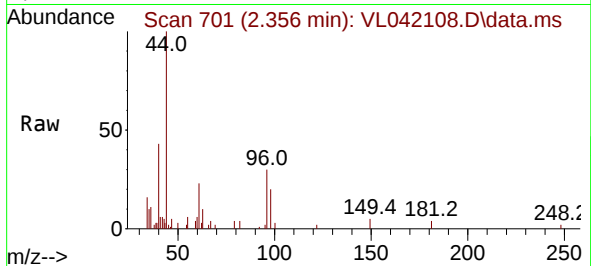
Tgt Ion: 45 Resp: 4948
Ion Ratio Lower Upper
45 100
58 5.0 35.3 52.9#





#22
trans-1,2-Dichloroethene
Concen: 0.119 ppbv m
RT: 2.356 min Scan# 701
Delta R.T. 0.006 min
Lab File: VL042108.D
Acq: 05 Mar 2025 17:31

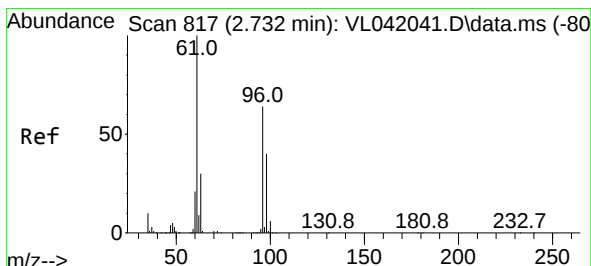
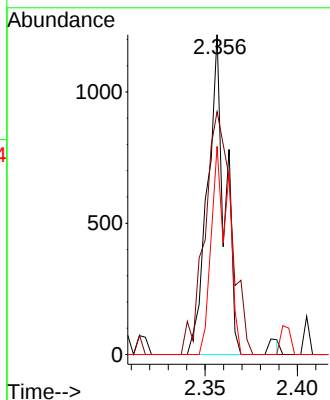
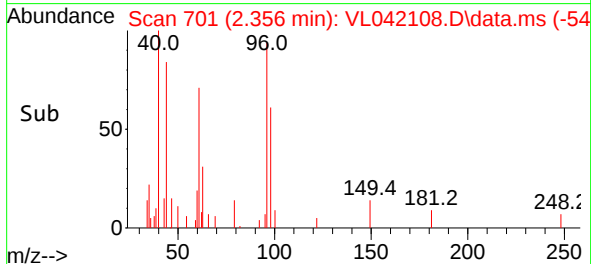
Instrument :
MSVOA_L
ClientSampleId :
SV4



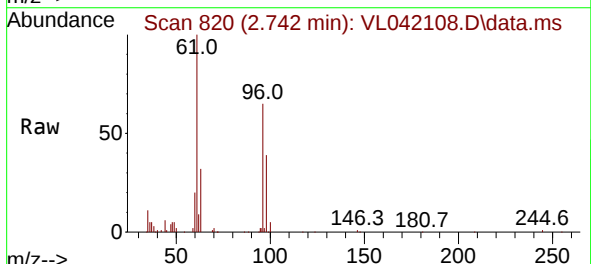
Tgt Ion: 96 Resp: 819
Ion Ratio Lower Upper
96 100
61 75.9 136.6 205.0
98 65.1 51.8 77.6

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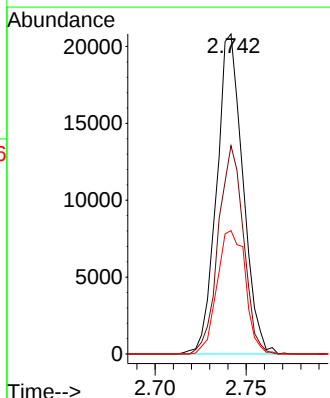
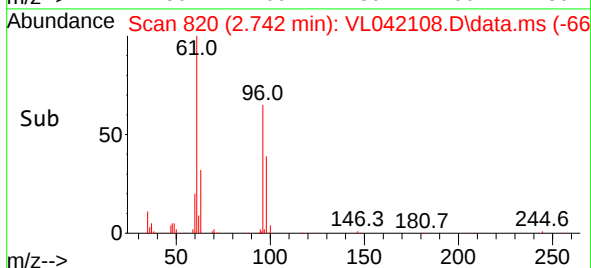
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

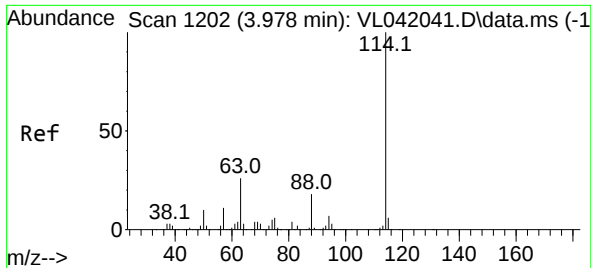


#31
cis-1,2-Dichloroethene
Concen: 0.979 ppbv
RT: 2.742 min Scan# 820
Delta R.T. 0.010 min
Lab File: VL042108.D
Acq: 05 Mar 2025 17:31



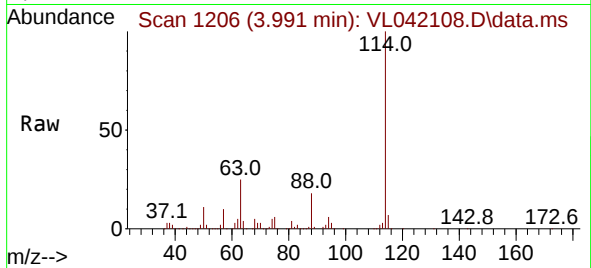
Tgt Ion: 61 Resp: 20823
Ion Ratio Lower Upper
61 100
96 65.1 51.5 77.3
98 38.6 32.0 48.0





#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.991 min Scan# 114
 Delta R.T. 0.013 min
 Lab File: VL042108.D
 Acq: 05 Mar 2025 17:31

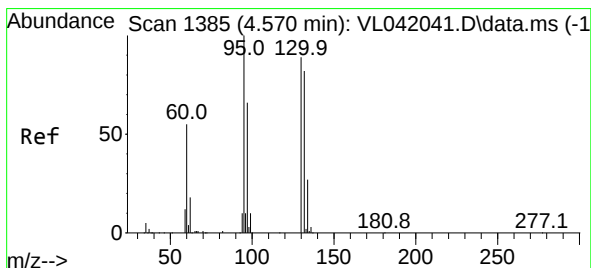
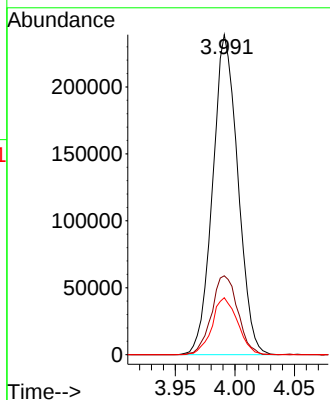
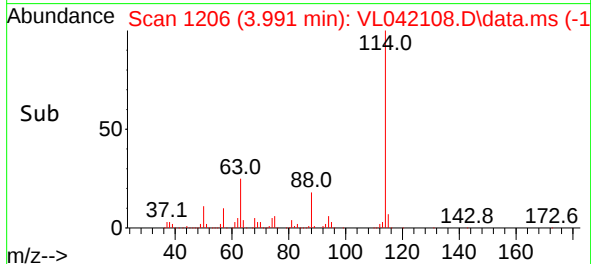
Instrument :
 MSVOA_L
 ClientSampleId :
 SV4



Tgt Ion:114 Resp: 35084
 Ion Ratio Lower Upper
 114 100
 63 25.7 20.1 30.1
 88 18.1 14.3 21.5

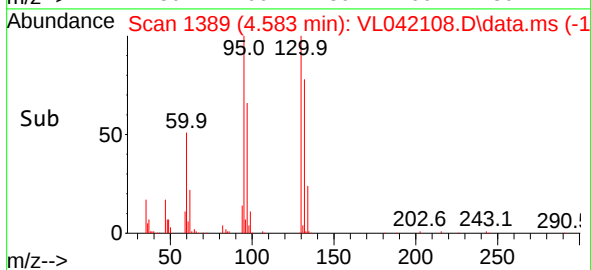
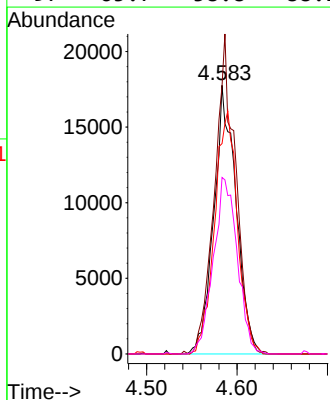
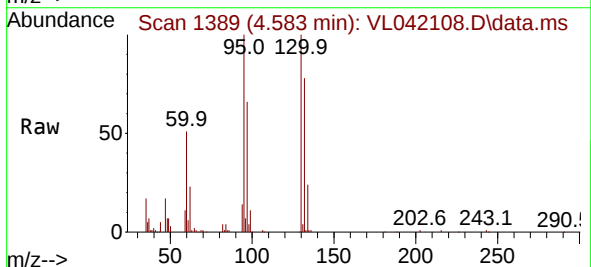
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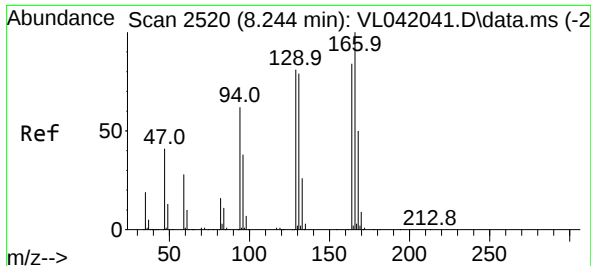
Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025



#38
 Trichloroethene
 Concen: 2.023 ppbv m
 RT: 4.583 min Scan# 1389
 Delta R.T. 0.013 min
 Lab File: VL042108.D
 Acq: 05 Mar 2025 17:31

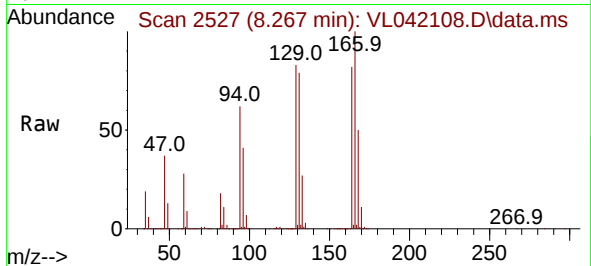
Tgt Ion:130 Resp: 30337
 Ion Ratio Lower Upper
 130 100
 95 99.7 89.5 134.3
 132 78.3 73.8 110.6
 97 65.7 58.8 88.2





#52
Tetrachloroethene
Concen: 132.549 ppbv
RT: 8.267 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL042108.D
Acq: 05 Mar 2025 17:31

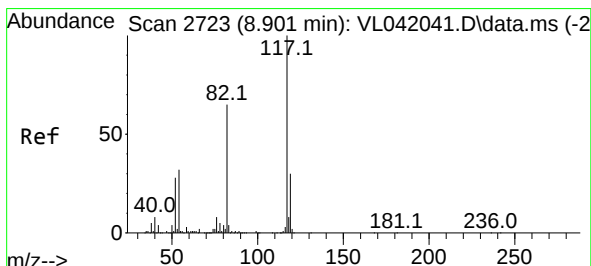
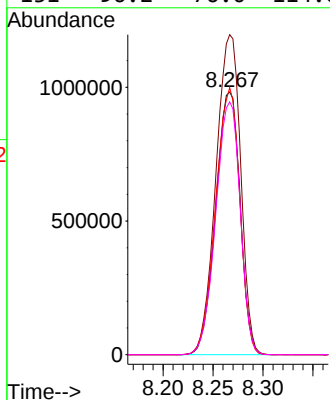
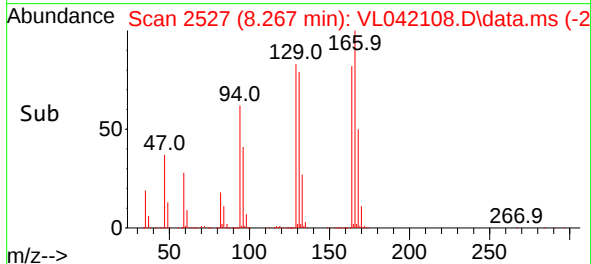
Instrument :
MSVOA_L
ClientSampleId :
SV4



Tgt Ion:164 Resp: 166658
Ion Ratio Lower Upper
164 100
166 121.8 95.7 143.5
129 101.7 77.1 115.7
131 96.2 76.0 114.0

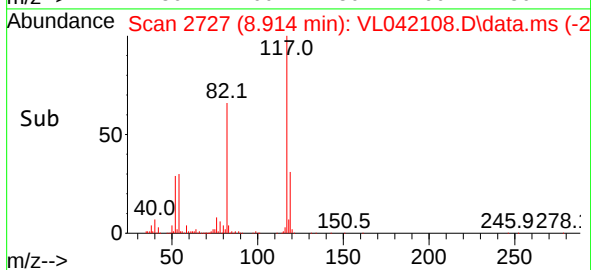
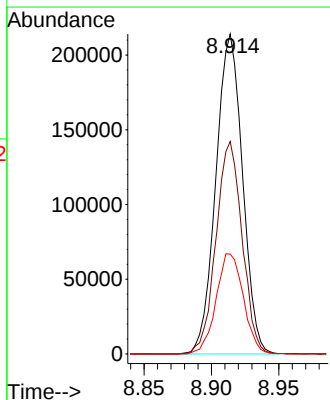
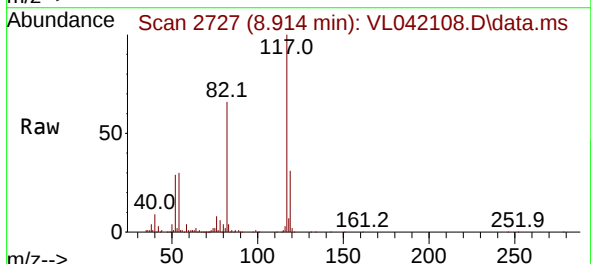
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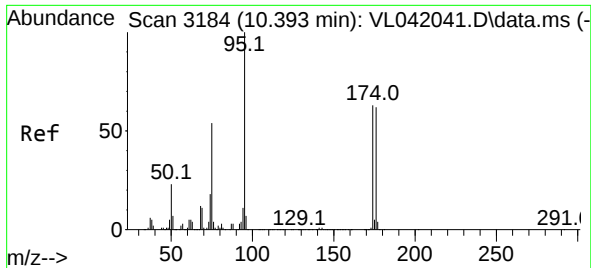
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.914 min Scan# 2727
Delta R.T. 0.013 min
Lab File: VL042108.D
Acq: 05 Mar 2025 17:31

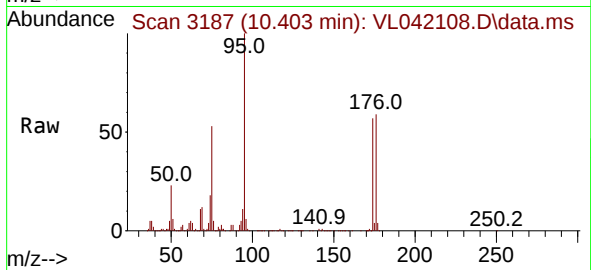
Tgt Ion:117 Resp: 294774
Ion Ratio Lower Upper
117 100
82 65.0 55.0 82.6
119 32.1 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.140 ppbv
 RT: 10.403 min Scan# 3184
 Delta R.T. 0.010 min
 Lab File: VL042108.D
 Acq: 05 Mar 2025 17:31

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4



Tgt Ion: 95 Resp: 207279
 Ion Ratio Lower Upper
 95 100
 174 63.5 51.8 77.6
 175 4.4 3.9 5.9

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