

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090425\
 Data File : VL042898.D
 Acq On : 04 Sep 2025 19:55
 Operator : SY/MD
 Sample : Q3000-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
 Supervised By :Mahesh Dadoda 09/05/2025

Quant Time: Sep 05 01:26:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2025
 QLast Update : Thu Aug 14 02:12:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	117970	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	306966	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	257848	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	195543	10.112	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	1.480	51	2292	0.120	ppbv	95
9) Propene	1.486	41	1412	0.171	ppbv	93
13) Ethanol	1.726	45	2002m	2.653	ppbv	
15) Acetone	1.842	43	7789	0.499	ppbv	97
19) Isopropyl Alcohol	1.891	45	3336m	0.358	ppbv	
20) Methylene Chloride	2.069	84	1433	0.219	ppbv #	82
53) Toluene	6.950	91	5375m	0.154	ppbv	

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

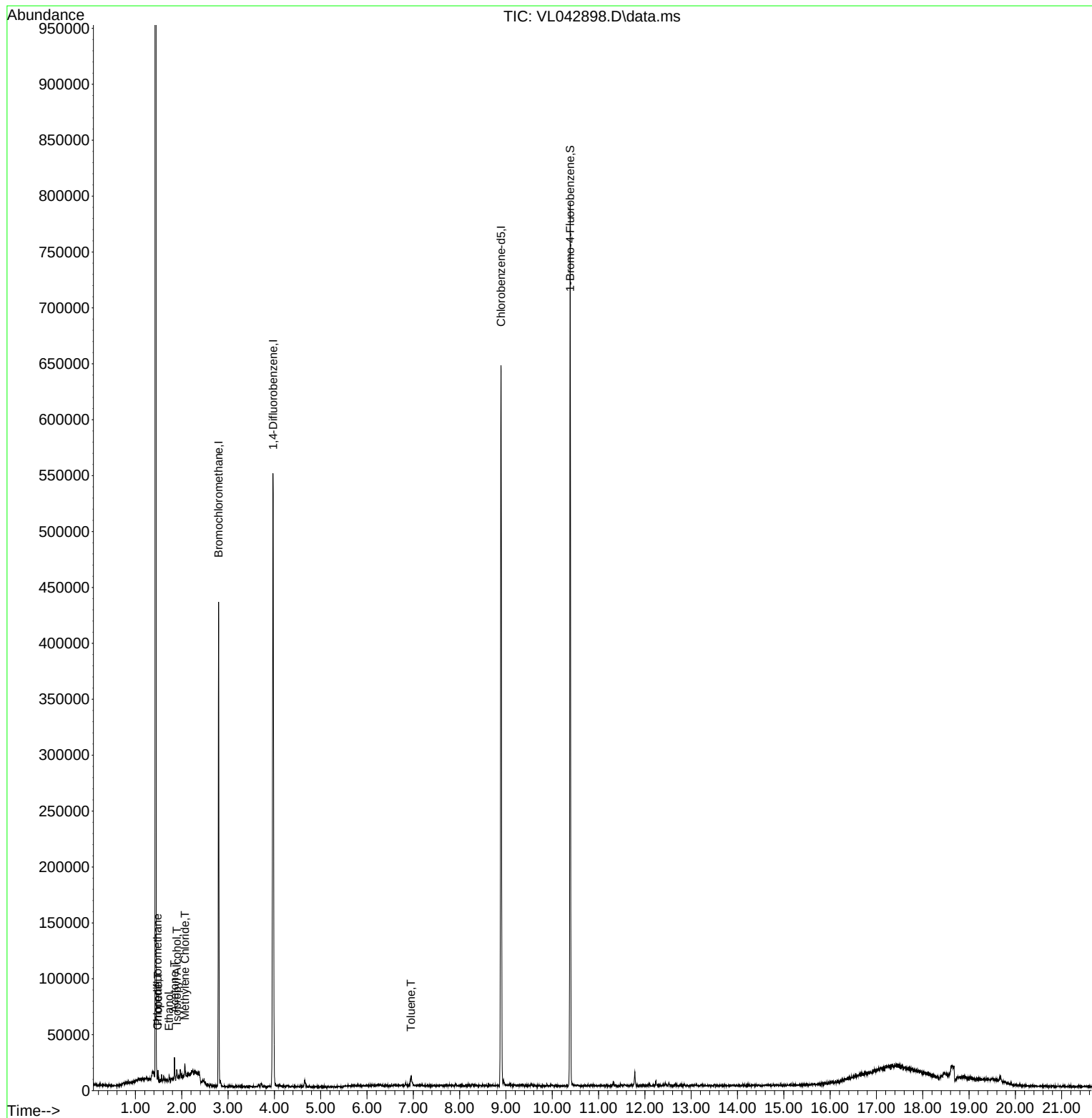
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090425\
Data File : VL042898.D
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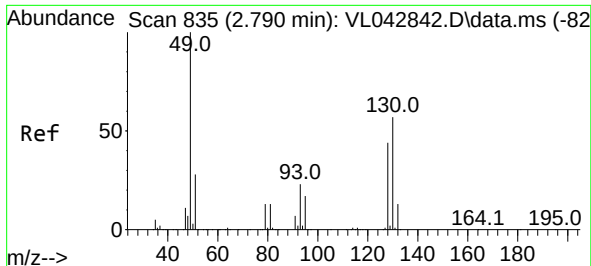
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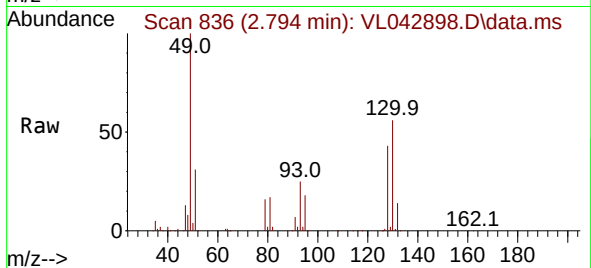
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL042898.D
Acq: 04 Sep 2025 19:55

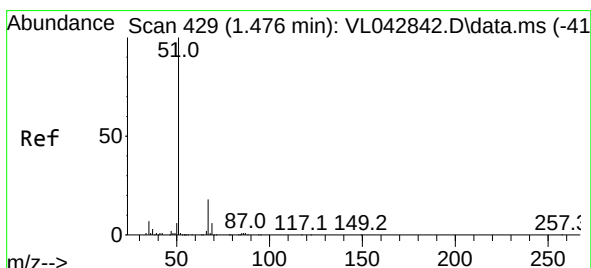
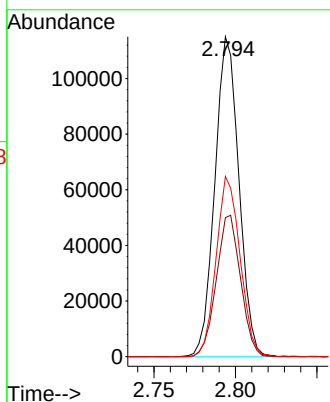
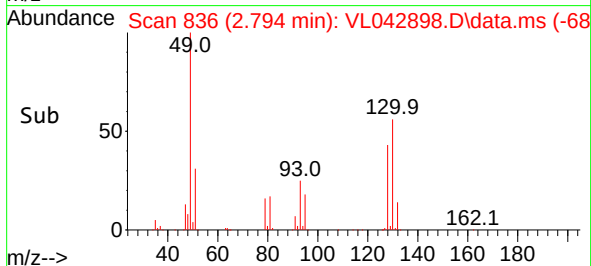
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 117970
Ion Ratio Lower Upper
49 100
128 44.5 23.7 71.1
130 56.0 30.6 91.6

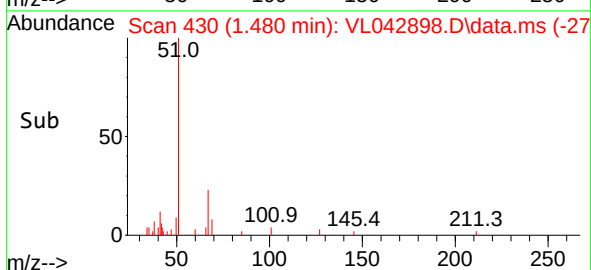
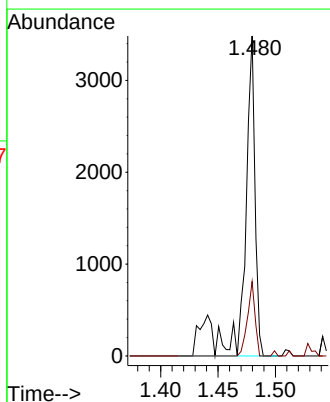
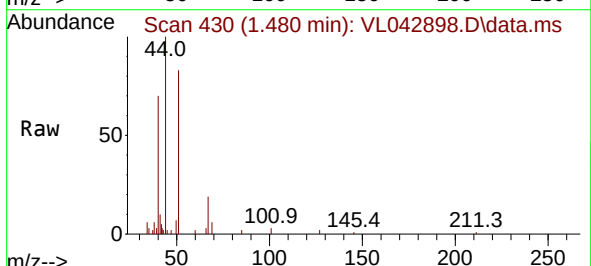
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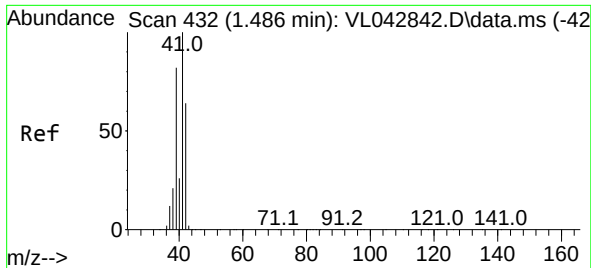
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#3
Chlorodifluoromethane
Concen: 0.120 ppbv
RT: 1.480 min Scan# 430
Delta R.T. 0.004 min
Lab File: VL042898.D
Acq: 04 Sep 2025 19:55

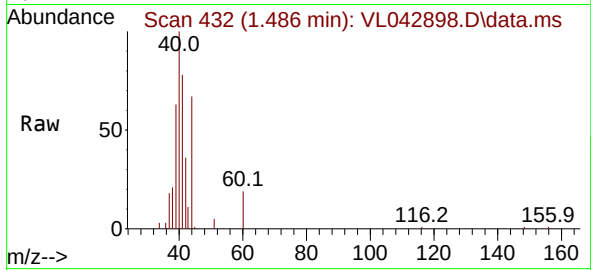
Tgt Ion: 51 Resp: 2292
Ion Ratio Lower Upper
51 100
67 16.5 14.9 22.3





#9
 Propene
 Concen: 0.171 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042898.D
 Acq: 04 Sep 2025 19:55

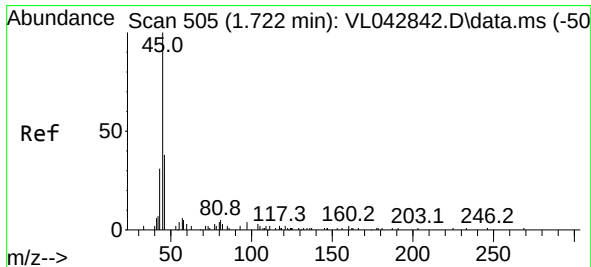
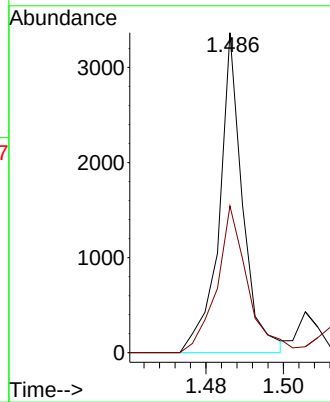
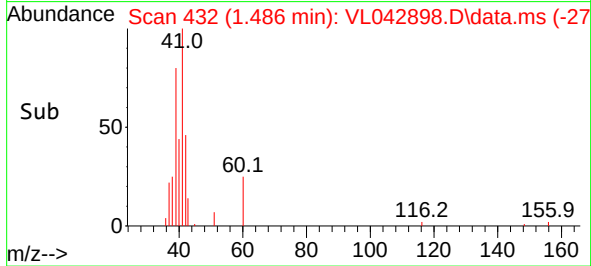
Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL



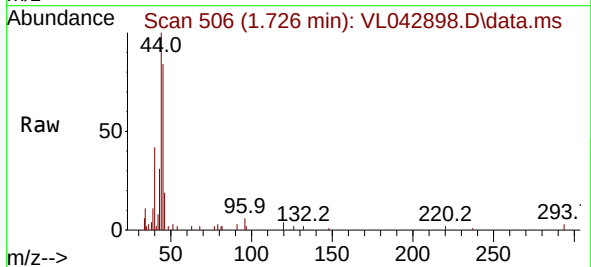
Tgt Ion: 41 Resp: 141
 Ion Ratio Lower Upper
 41 100
 42 60.3 53.0 79.4

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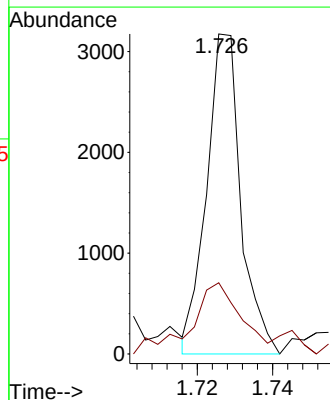
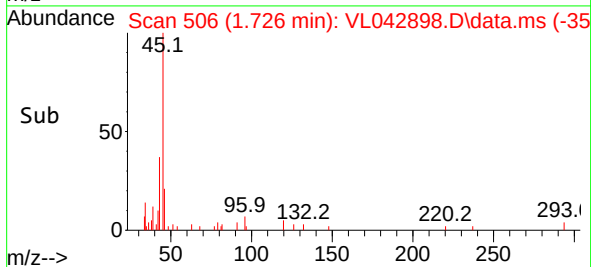
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 Supervised By :Mahesh Dadoda 09/05/2025

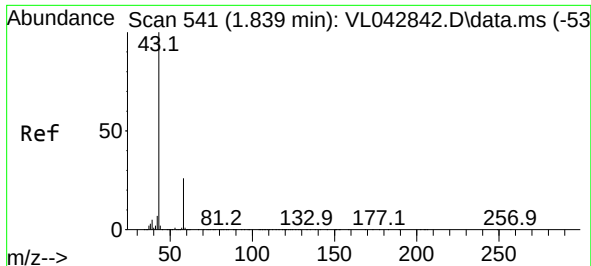


#13
 Ethanol
 Concen: 2.653 ppbv m
 RT: 1.726 min Scan# 506
 Delta R.T. 0.004 min
 Lab File: VL042898.D
 Acq: 04 Sep 2025 19:55



Tgt Ion: 45 Resp: 2002
 Ion Ratio Lower Upper
 45 100
 46 5035.7 17.5 69.9#





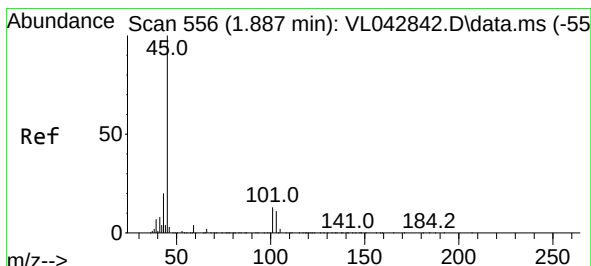
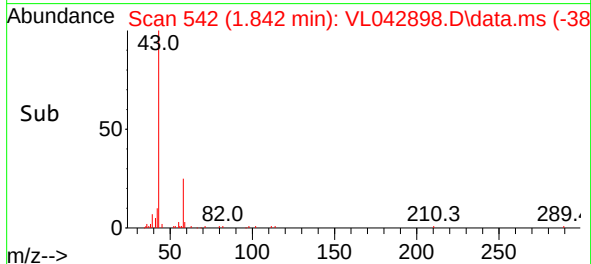
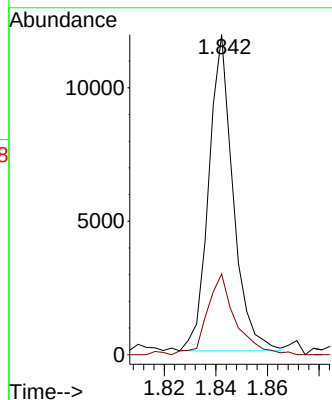
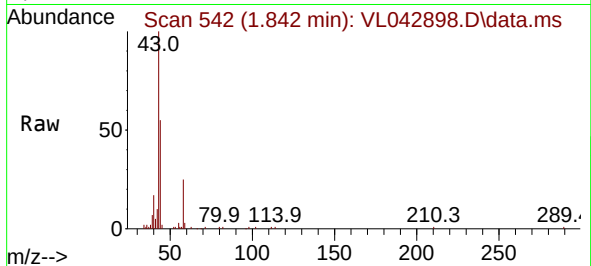
#15
Acetone
Concen: 0.499 ppbv
RT: 1.842 min Scan# 541
Delta R.T. 0.004 min
Lab File: VL042898.D
Acq: 04 Sep 2025 19:55

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 43 Resp: 7789
Ion Ratio Lower Upper
43 100
58 29.8 22.4 33.6

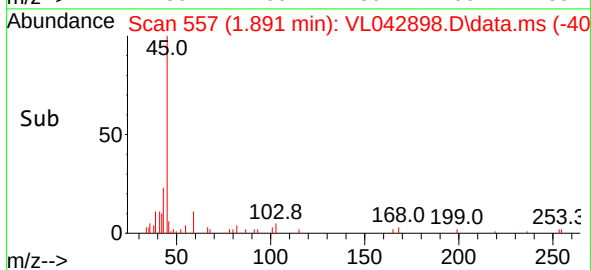
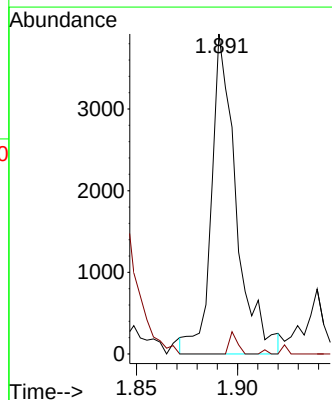
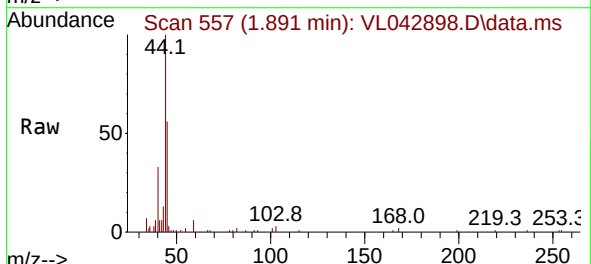
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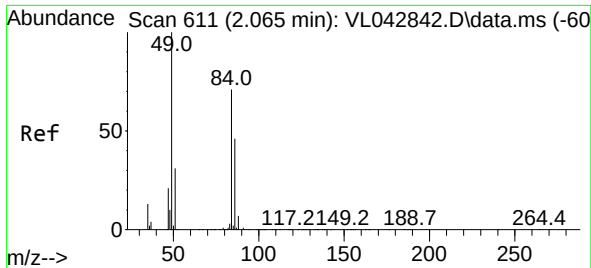
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#19
Isopropyl Alcohol
Concen: 0.358 ppbv m
RT: 1.891 min Scan# 557
Delta R.T. 0.004 min
Lab File: VL042898.D
Acq: 04 Sep 2025 19:55

Tgt Ion: 45 Resp: 3336
Ion Ratio Lower Upper
45 100
58 0.0 32.7 49.1#





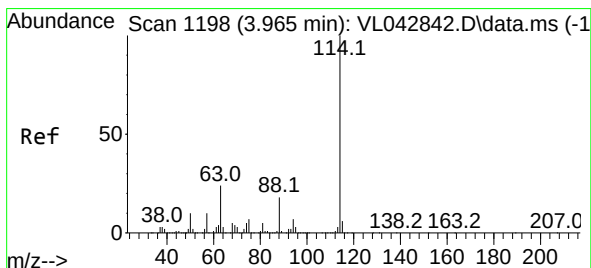
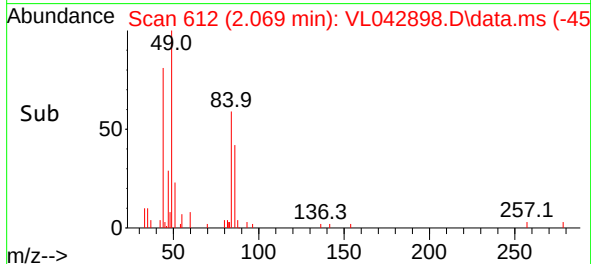
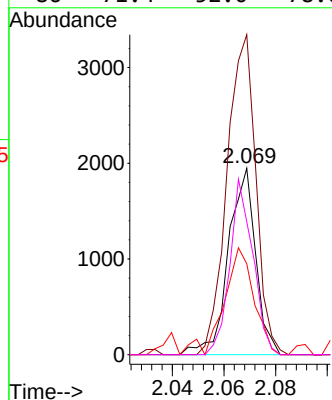
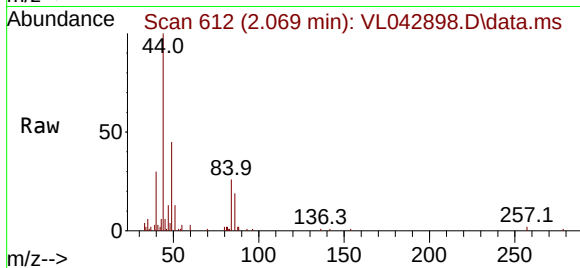
#20
Methylene Chloride
Concen: 0.219 ppbv
RT: 2.069 min Scan# 611
Delta R.T. 0.004 min
Lab File: VL042898.D
Acq: 04 Sep 2025 19:55

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 84	Resp: 143
Ion Ratio	Lower Upper
84 100	
49 171.7	112.3 168.5
51 48.8	36.0 54.0
86 71.4	52.0 78.0

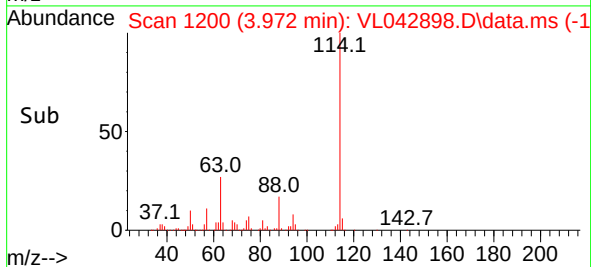
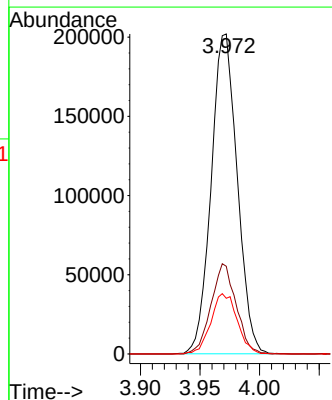
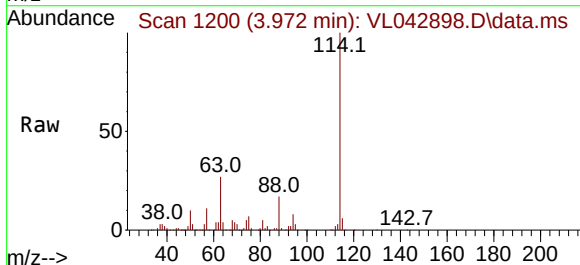
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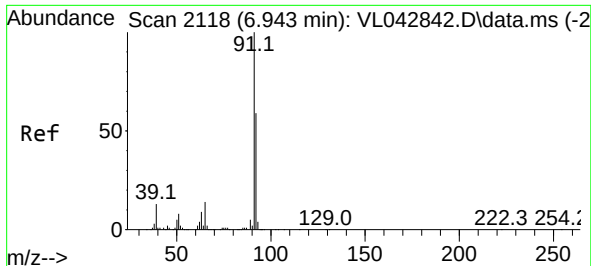
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Supervised By :Mahesh Dadoda 09/05/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1200
Delta R.T. 0.007 min
Lab File: VL042898.D
Acq: 04 Sep 2025 19:55

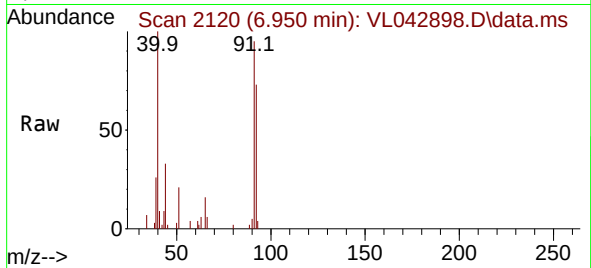
Tgt Ion:114	Resp: 306966
Ion Ratio	Lower Upper
114 100	
63 27.2	19.7 29.5
88 19.1	14.4 21.6





#53
Toluene
Concen: 0.154 ppbv m
RT: 6.950 min Scan# 2118
Delta R.T. 0.007 min
Lab File: VL042898.D
Acq: 04 Sep 2025 19:55

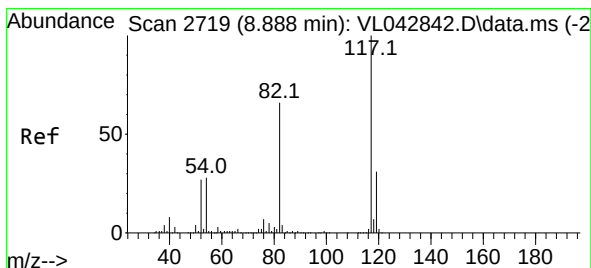
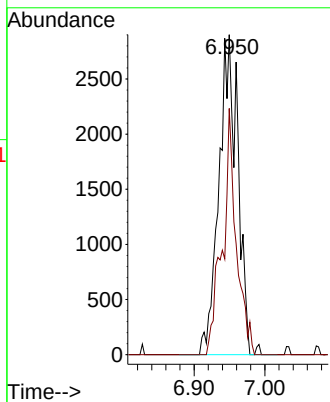
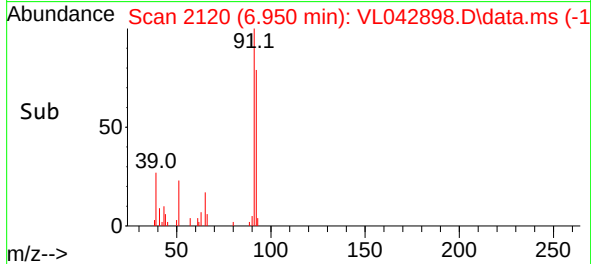
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 91 Resp: 5379
Ion Ratio Lower Upper
91 100
92 0.0 47.8 71.6

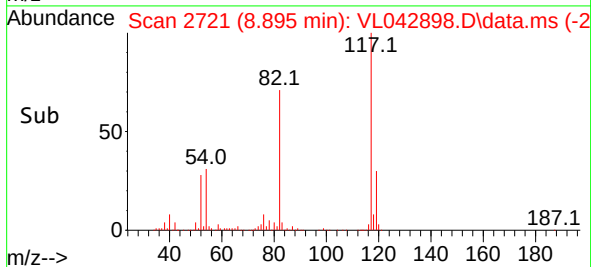
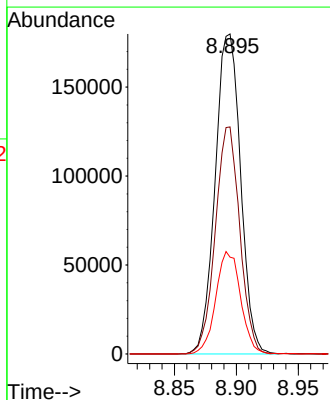
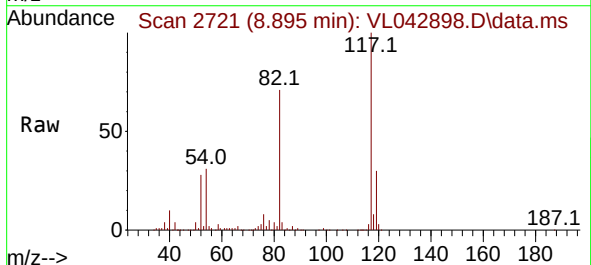
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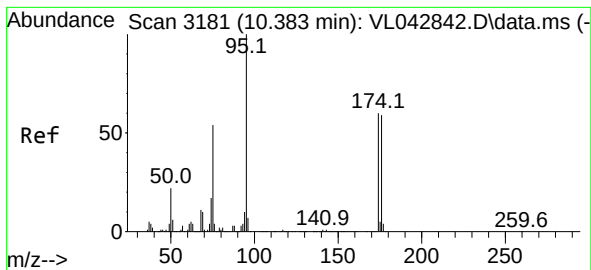
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Supervised By :Mahesh Dadoda 09/05/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 2721
Delta R.T. 0.007 min
Lab File: VL042898.D
Acq: 04 Sep 2025 19:55

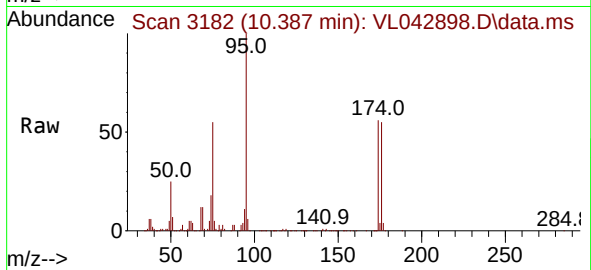
Tgt Ion:117 Resp: 257848
Ion Ratio Lower Upper
117 100
82 68.3 54.6 81.8
119 31.2 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.112 ppbv
 RT: 10.387 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: VL042898.D
 Acq: 04 Sep 2025 19:55

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 95 Resp: 19554
 Ion Ratio Lower Upper
 95 100
 174 55.9 48.4 72.6
 175 4.0 3.8 5.8

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