

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110625\
 Data File : VL043170.D
 Acq On : 06 Nov 2025 16:31
 Operator : SY/MD
 Sample : Q3557-04DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 141-SG-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/07/2025
 Supervised By :Mahesh Dadoda 11/10/2025

Quant Time: Nov 07 00:24:27 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Wed Oct 15 02:12:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.791	49	113282	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	319474	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.879	117	263917	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	204194	9.954	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	2071	0.129	ppbv	96
9) Propene	1.489	41	1068	0.138	ppbv	87
13) Ethanol	1.722	45	5216	1.825	ppbv #	38
15) Acetone	1.839	43	16010	1.049	ppbv	98
19) Isopropyl Alcohol	1.891	45	1796m	0.189	ppbv	
20) Methylene Chloride	2.066	84	1666	0.276	ppbv #	84
34) 2-Butanone	2.564	43	2328	0.108	ppbv	91

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

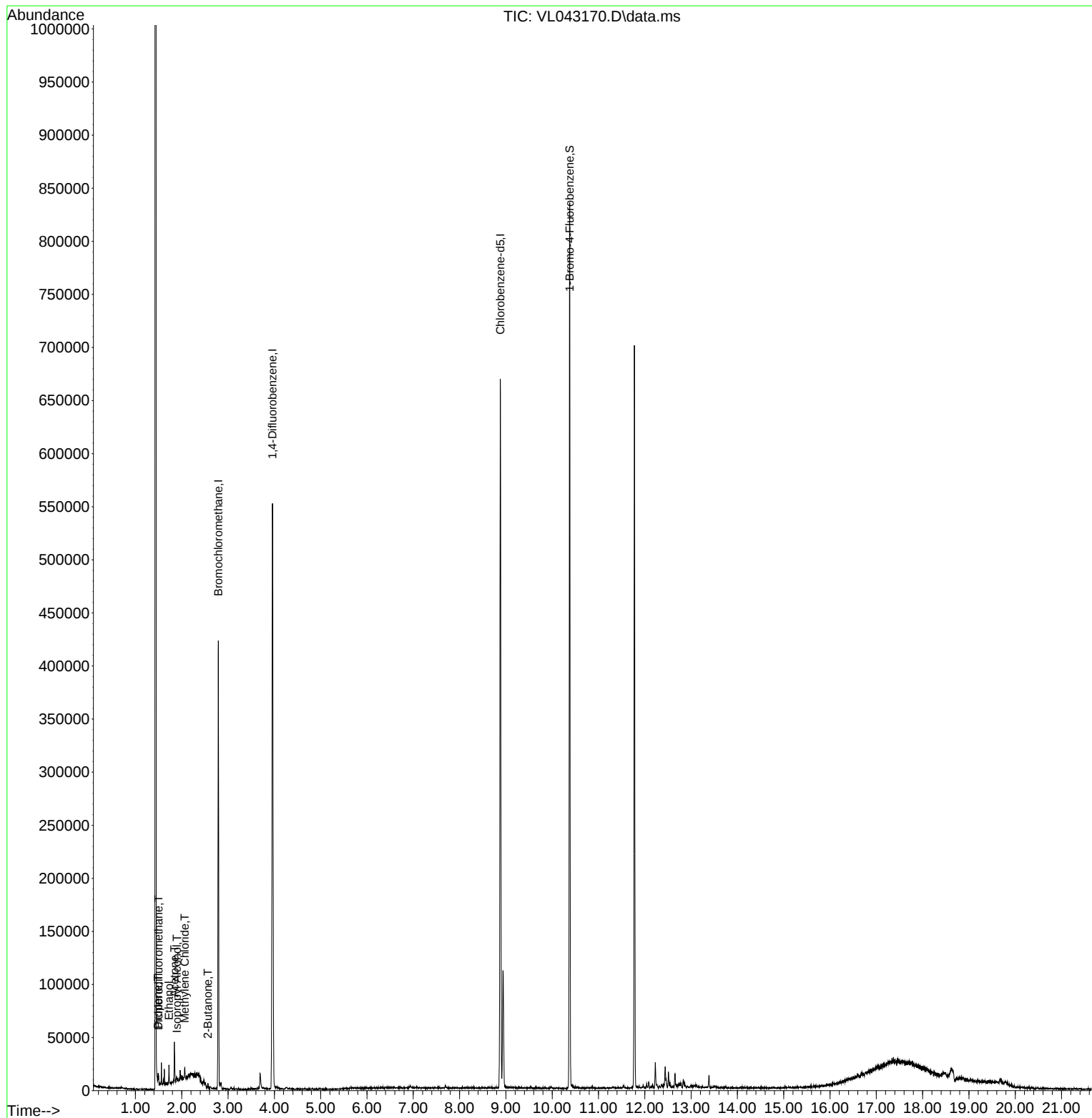
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110625\
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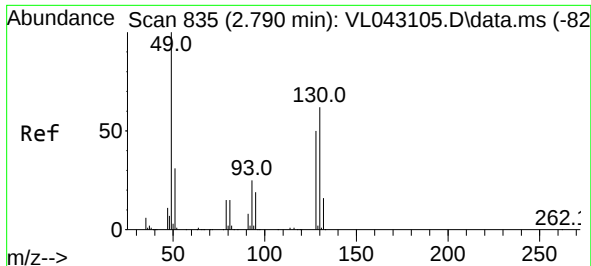
Instrument :
MSVOA_L
ClientSampleId :
141-SG-1DL

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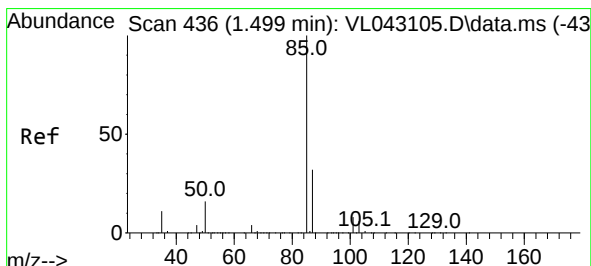
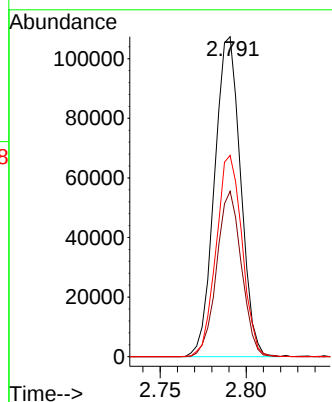
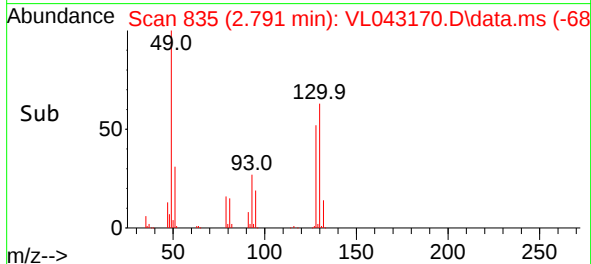
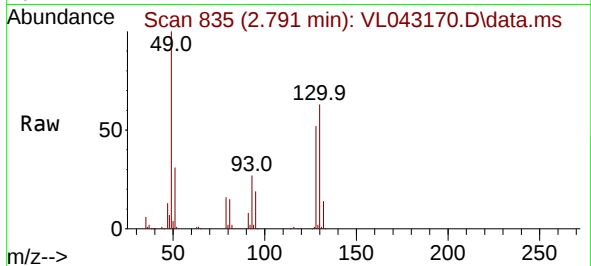
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.791 min Scan# 81
Delta R.T. 0.001 min
Lab File: VL043170.D
Acq: 06 Nov 2025 16:31

Instrument :
MSVOA_L
ClientSampleId :
141-SG-1DL

Tgt Ion: 49 Resp: 11328
Ion Ratio Lower Upper
49 100
128 49.1 24.4 73.4
130 62.5 31.0 93.0

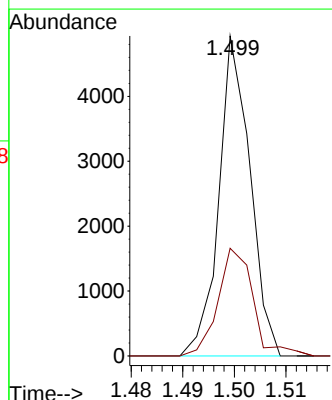
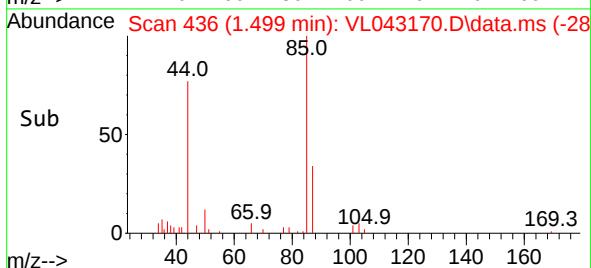
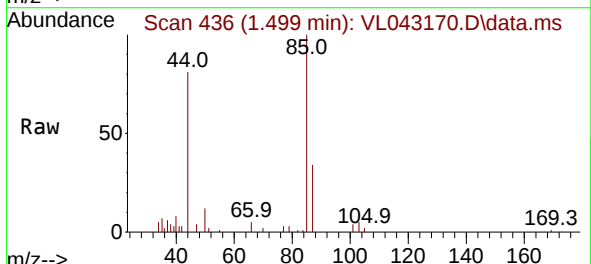
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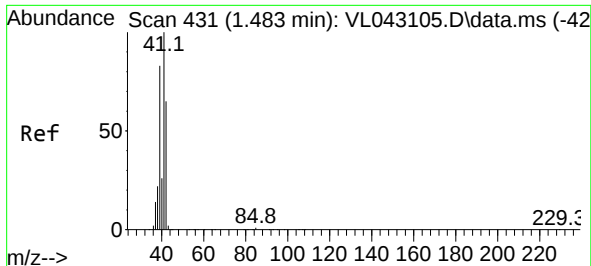
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#2
Dichlorodifluoromethane
Concen: 0.129 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL043170.D
Acq: 06 Nov 2025 16:31

Tgt Ion: 85 Resp: 2071
Ion Ratio Lower Upper
85 100
87 33.7 25.3 37.9





#9

Propene

Concen: 0.138 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL043170.D

Acq: 06 Nov 2025 16:31

Instrument :

MSVOA_L

ClientSampleId :

141-SG-1DL

Tgt Ion: 41 Resp: 1068

Ion Ratio Lower Upper

41 100

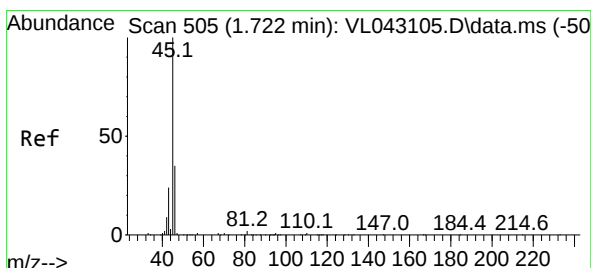
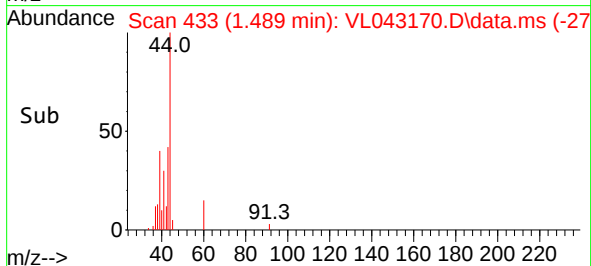
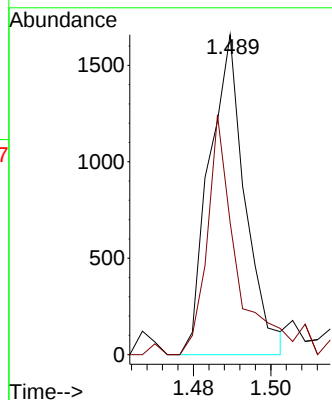
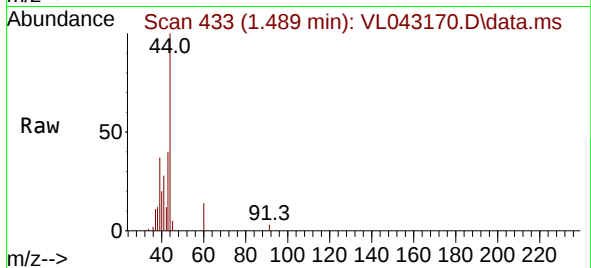
42 79.9 55.1 82.7

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Supervised By :Mahesh Dadoda 11/10/2025



#13

Ethanol

Concen: 1.825 ppbv

RT: 1.722 min Scan# 505

Delta R.T. 0.000 min

Lab File: VL043170.D

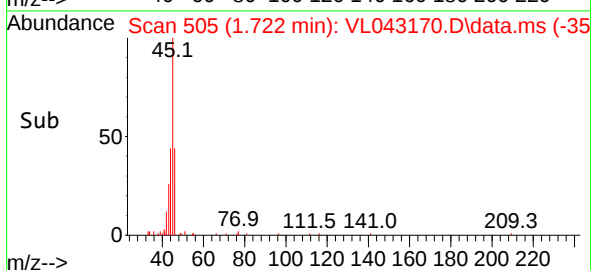
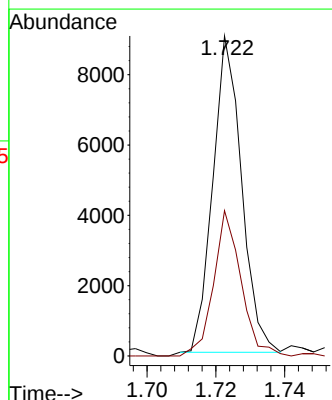
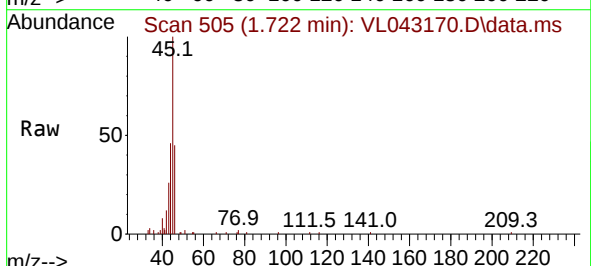
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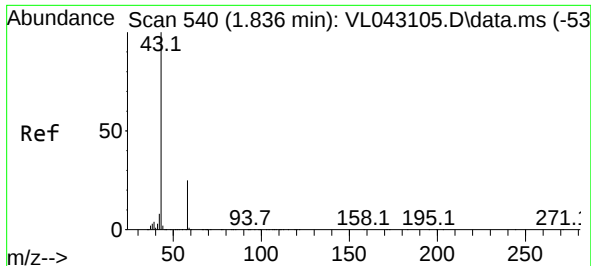
Tgt Ion: 45 Resp: 5216

Ion Ratio Lower Upper

45 100

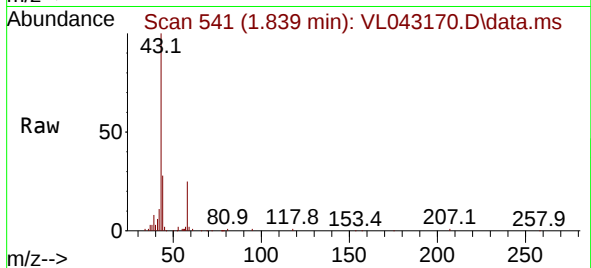
46 0.0 14.7 58.9#





#15
Acetone
Concen: 1.049 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL043170.D
Acq: 06 Nov 2025 16:31

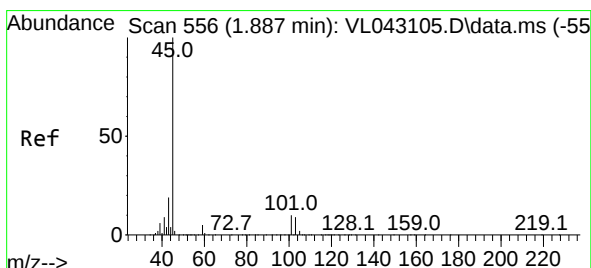
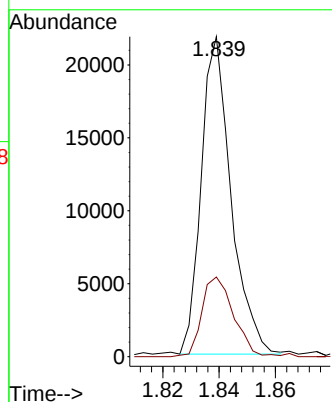
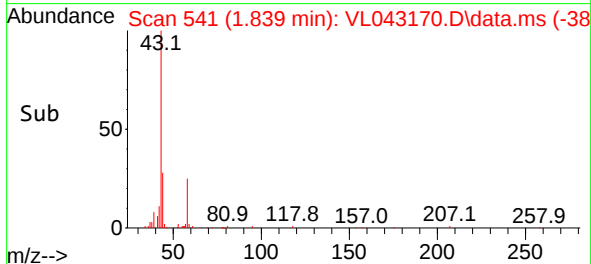
Instrument :
MSVOA_L
ClientSampleId :
141-SG-1DL



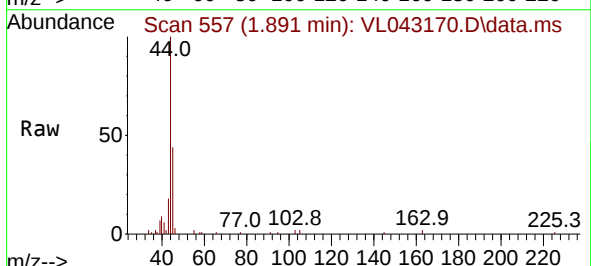
Tgt Ion: 43 Resp: 16010
Ion Ratio Lower Upper
43 100
58 27.0 20.8 31.2

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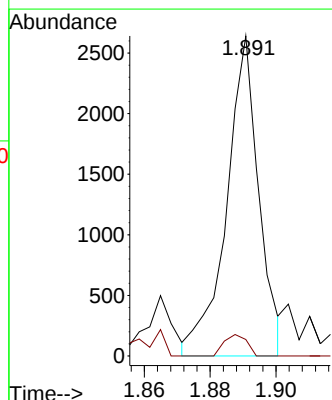
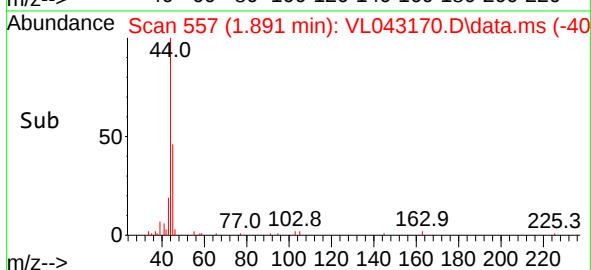
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025

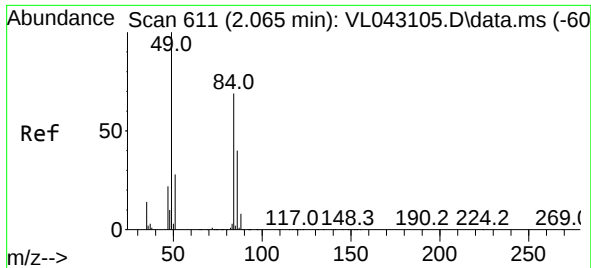


#19
Isopropyl Alcohol
Concen: 0.189 ppbv m
RT: 1.891 min Scan# 557
Delta R.T. 0.003 min
Lab File: VL043170.D
Acq: 06 Nov 2025 16:31



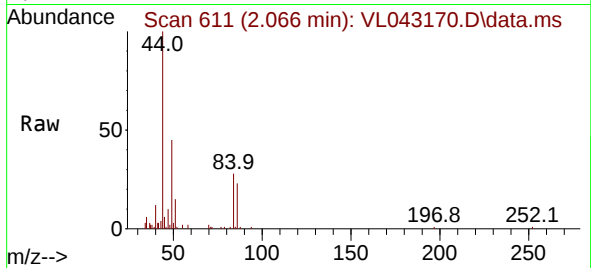
Tgt Ion: 45 Resp: 1796
Ion Ratio Lower Upper
45 100
58 31.5 31.3 46.9





#20
Methylene Chloride
Concen: 0.276 ppbv
RT: 2.066 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL043170.D
Acq: 06 Nov 2025 16:31

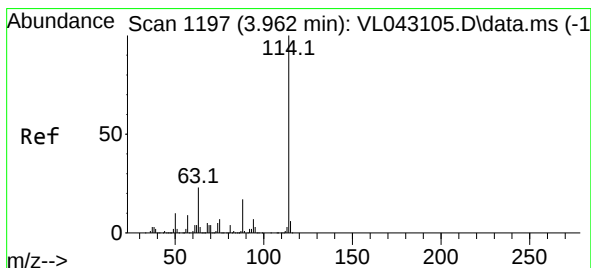
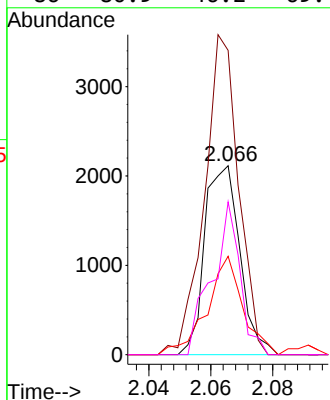
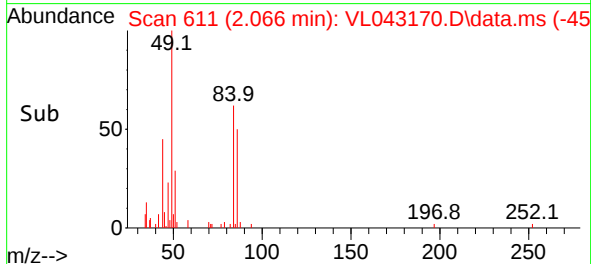
Instrument :
MSVOA_L
ClientSampleId :
141-SG-1DL



Tgt Ion:	84	Resp:	1660
Ion	Ratio	Lower	Upper
84	100		
49	158.6	116.6	175.0
51	52.1	34.8	52.2
86	80.9	46.2	69.4

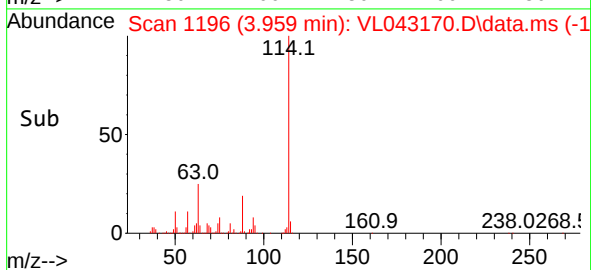
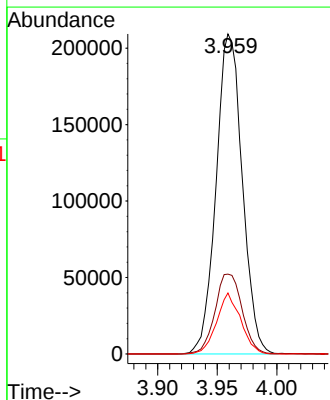
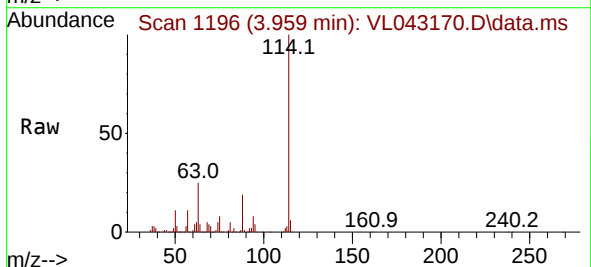
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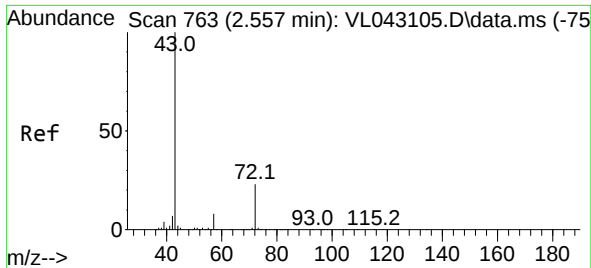
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.003 min
Lab File: VL043170.D
Acq: 06 Nov 2025 16:31

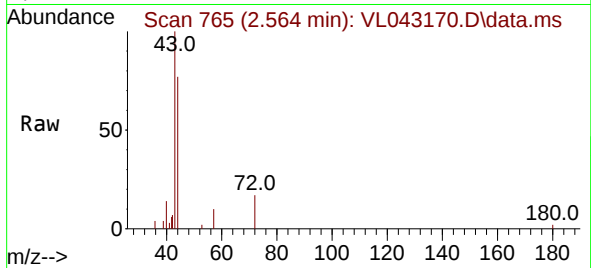
Tgt Ion:	114	Resp:	319474
Ion	Ratio	Lower	Upper
114	100		
63	26.0	19.3	28.9
88	17.5	13.9	20.9





#34
2-Butanone
Concen: 0.108 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.007 min
Lab File: VL043170.D
Acq: 06 Nov 2025 16:31

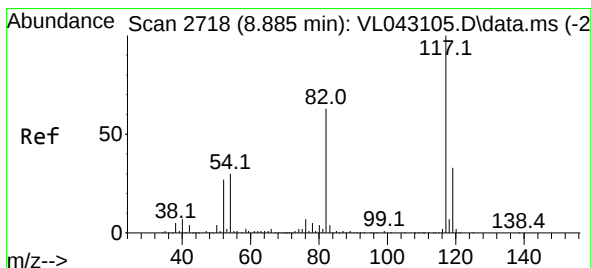
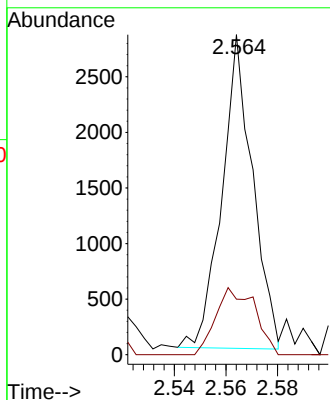
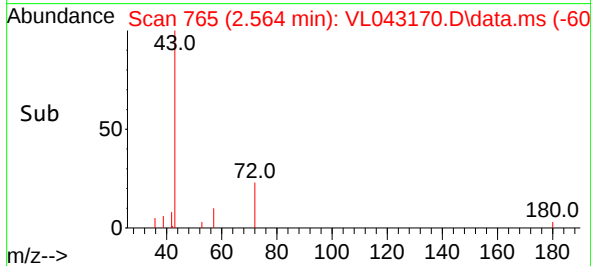
Instrument :
MSVOA_L
ClientSampleId :
141-SG-1DL



Tgt Ion: 43 Resp: 2328
Ion Ratio Lower Upper
43 100
72 27.2 18.4 27.6

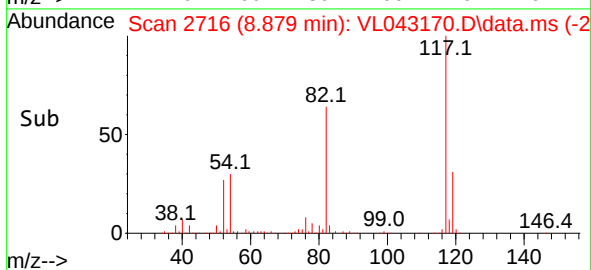
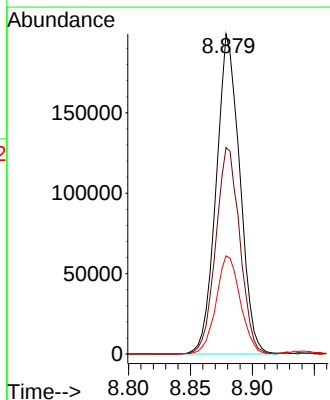
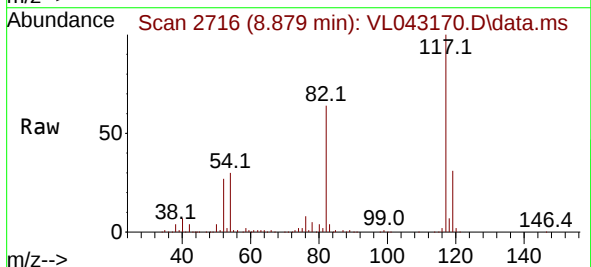
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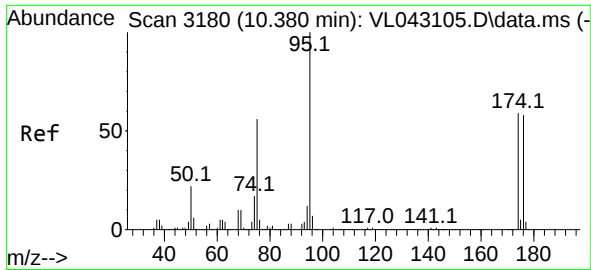
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.879 min Scan# 2716
Delta R.T. -0.006 min
Lab File: VL043170.D
Acq: 06 Nov 2025 16:31

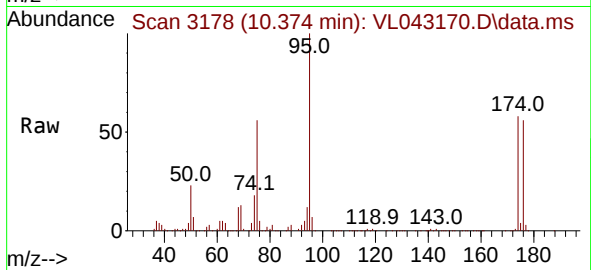
Tgt Ion:117 Resp: 263917
Ion Ratio Lower Upper
117 100
82 65.8 53.8 80.8
119 31.7 25.4 38.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.954 ppbv
 RT: 10.374 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VL043170.D
 Acq: 06 Nov 2025 16:31

Instrument :
 MSVOA_L
 ClientSampleId :
 141-SG-1DL



Tgt Ion: 95 Resp: 204194
 Ion Ratio Lower Upper
 95 100
 174 62.4 48.3 72.5
 175 4.6 3.8 5.8

Manual Integrations
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