

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110625\
 Data File : VL043167.D
 Acq On : 06 Nov 2025 14:54
 Operator : SY/MD
 Sample : Q3555-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 151-SG-1DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 07 00:23:25 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	2.787	49	109979	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	312659	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	255972	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	199265	10.015	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.200%
Target Compounds						
					Qvalue	
13) Ethanol	1.722	45	2015m	0.726	ppbv	
15) Acetone	1.835	43	32439	2.188	ppbv	99
19) Isopropyl Alcohol	1.887	45	3845	0.416	ppbv #	1
20) Methylene Chloride	2.062	84	2231	0.381	ppbv #	90
26) Hexane	2.826	57	4364	0.258	ppbv #	36
29) Chloroform	2.849	83	199631	8.134	ppbv	97
34) 2-Butanone	2.564	43	2423m	0.115	ppbv	

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

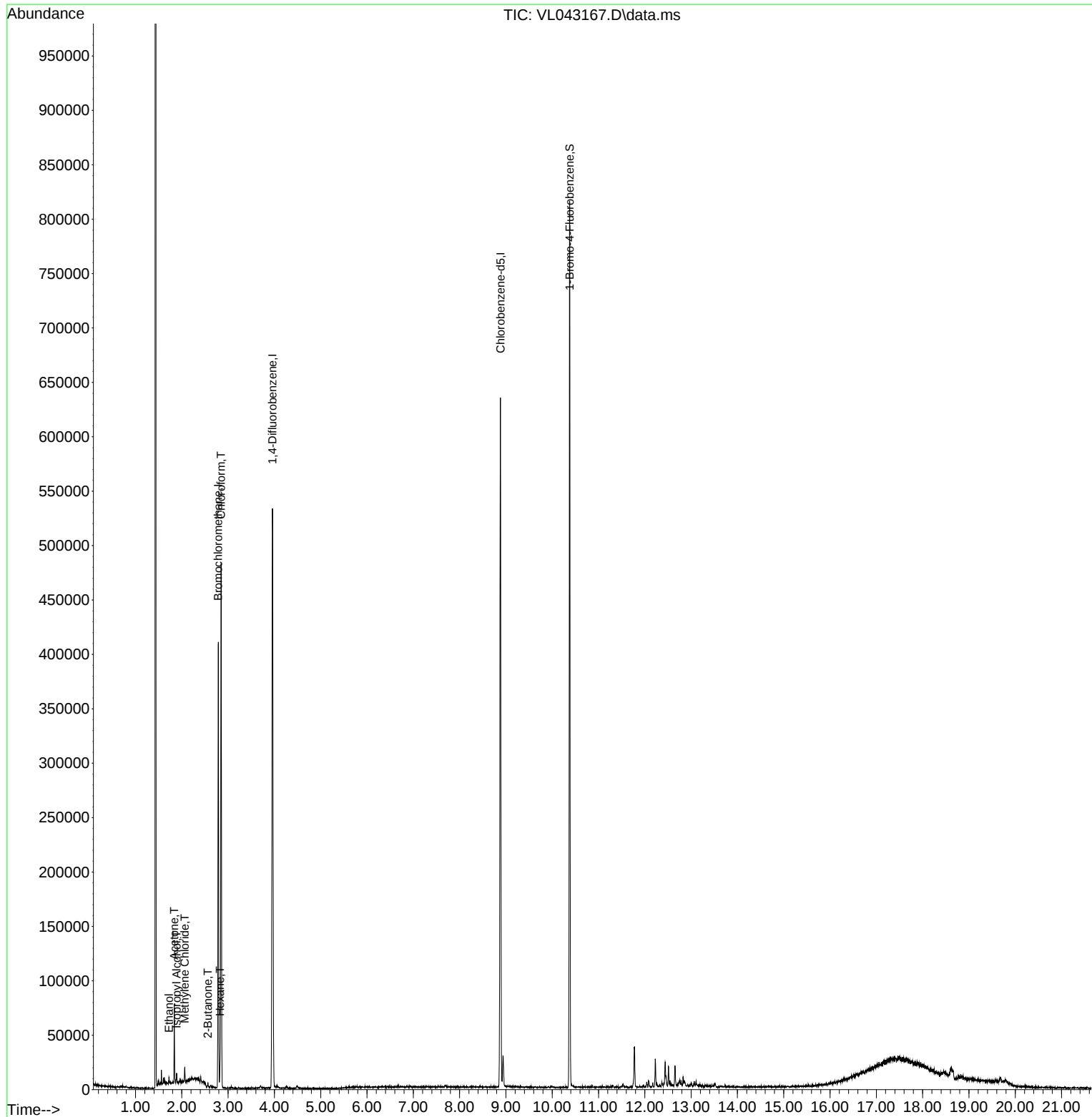
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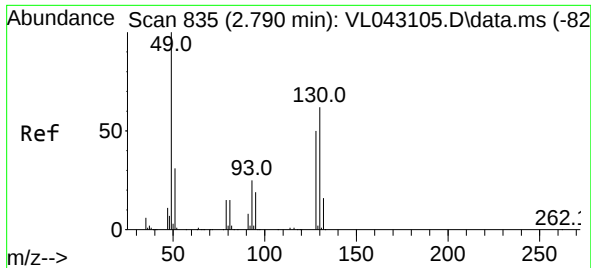
Instrument :
MSVOA_L
ClientSampleId :
151-SG-1DL

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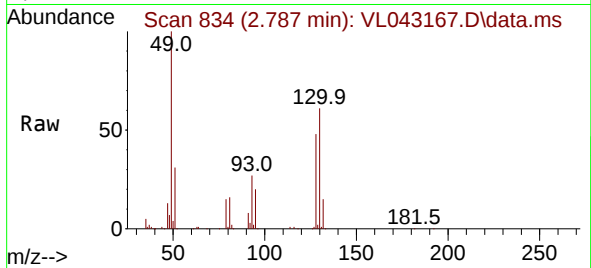
Reviewed By :Semsettin Yesilyurt 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL043167.D
Acq: 06 Nov 2025 14:54

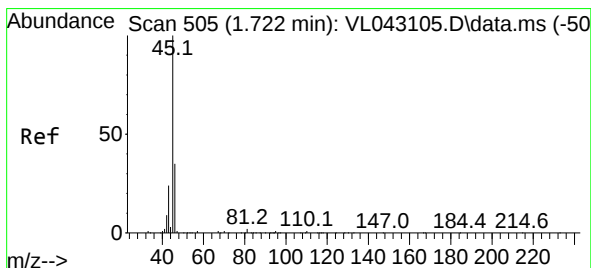
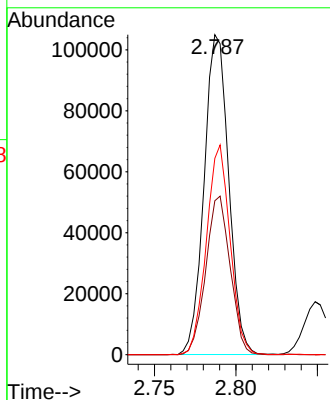
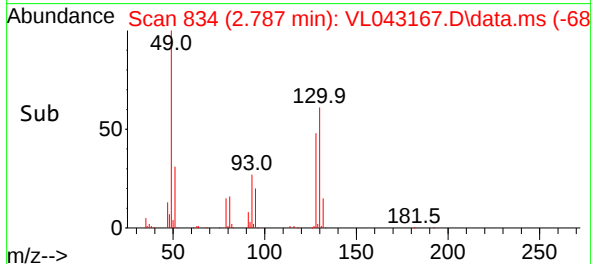
Instrument :
MSVOA_L
ClientSampleId :
151-SG-1DL



Tgt Ion: 49 Resp: 109979
Ion Ratio Lower Upper
49 100
128 49.2 24.4 73.4
130 63.3 31.0 93.0

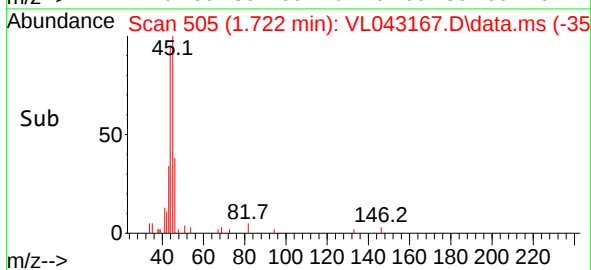
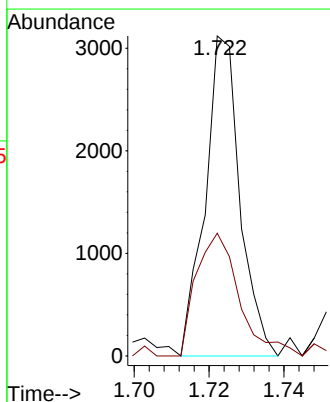
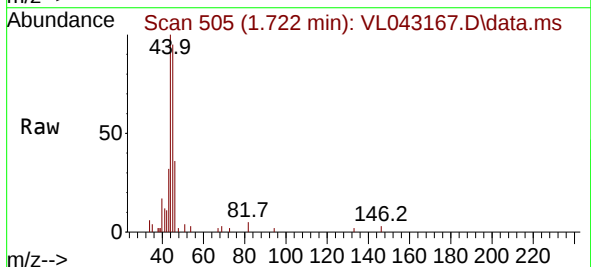
Manual Integrations
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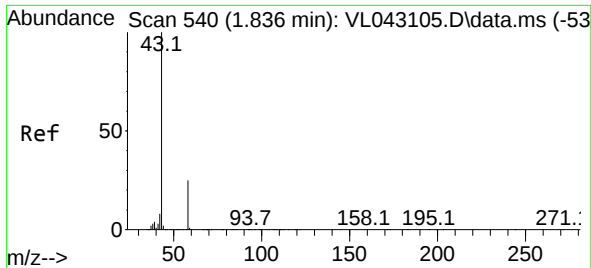
Reviewed By :Semsettin Yesilyurt 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025



#13
Ethanol
Concen: 0.726 ppbv m
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL043167.D
Acq: 06 Nov 2025 14:54

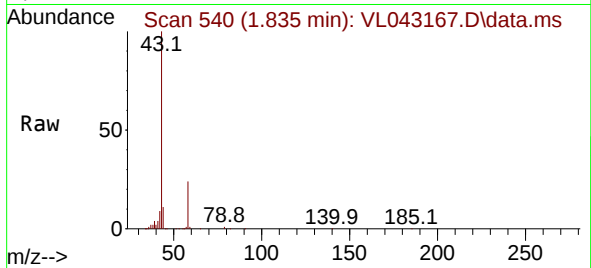
Tgt Ion: 45 Resp: 2015
Ion Ratio Lower Upper
45 100
46 0.0 14.7 58.9#





#15
Acetone
Concen: 2.188 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL043167.D
Acq: 06 Nov 2025 14:54

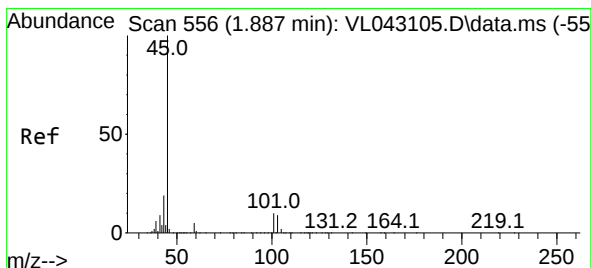
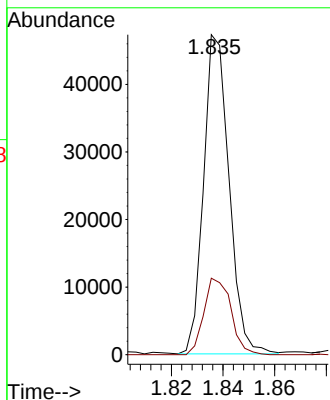
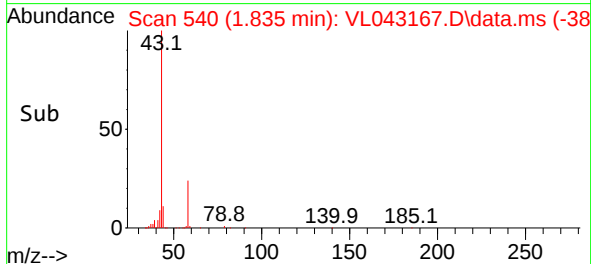
Instrument :
MSVOA_L
ClientSampleId :
151-SG-1DL



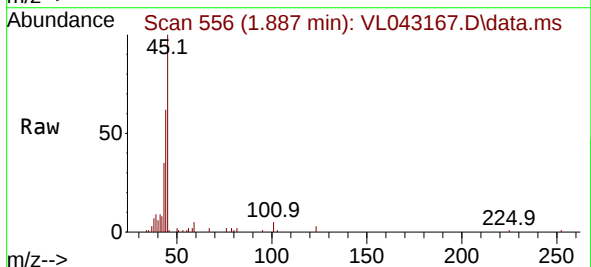
Tgt Ion: 43 Resp: 32439
Ion Ratio Lower Upper
43 100
58 25.3 20.8 31.2

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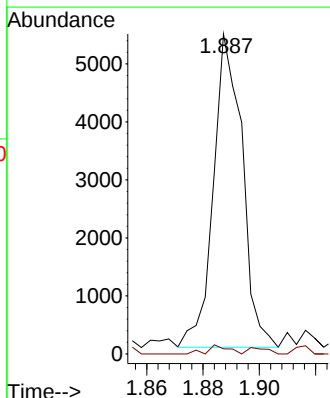
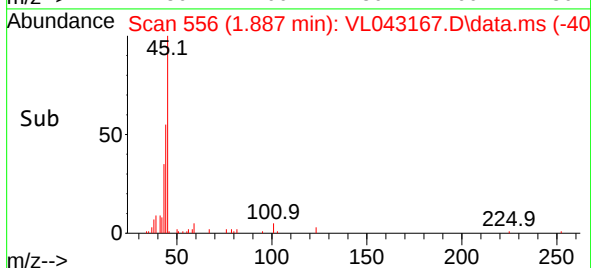
Reviewed By :Semsettin Yesilyurt 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

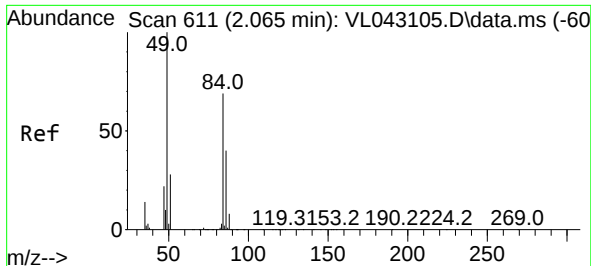


#19
Isopropyl Alcohol
Concen: 0.416 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.000 min
Lab File: VL043167.D
Acq: 06 Nov 2025 14:54



Tgt Ion: 45 Resp: 3845
Ion Ratio Lower Upper
45 100
58 213.7 31.3 46.9#





#20
Methylene Chloride
Concen: 0.381 ppbv
RT: 2.062 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL043167.D
Acq: 06 Nov 2025 14:54

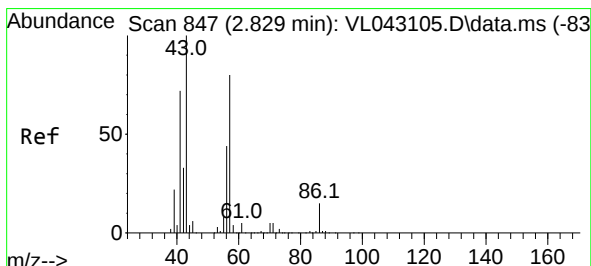
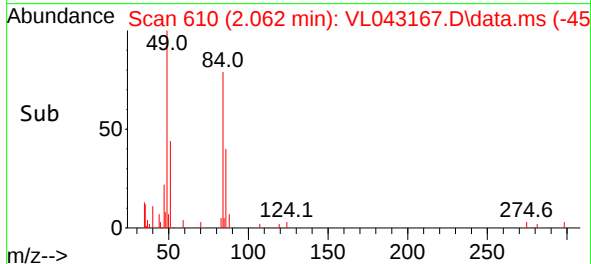
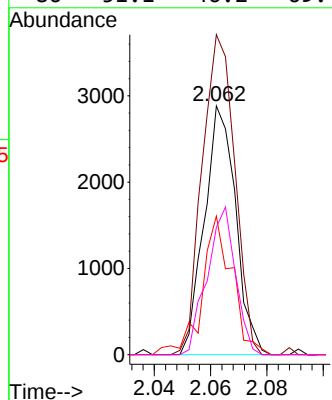
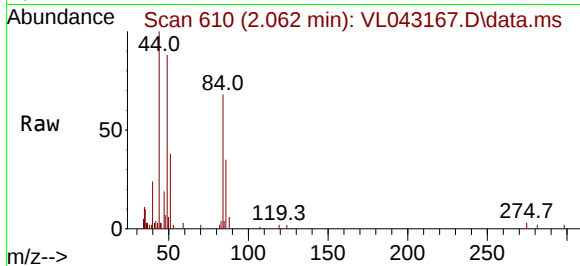
Instrument :
MSVOA_L
ClientSampleId :
151-SG-1DL

Tgt Ion: 84 Resp: 223

Ion	Ratio	Lower	Upper
84	100		
49	135.6	116.6	175.0
51	55.7	34.8	52.2
86	51.1	46.2	69.4

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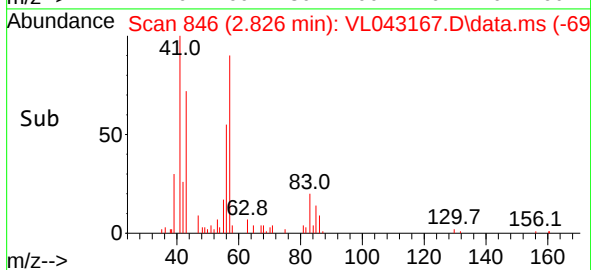
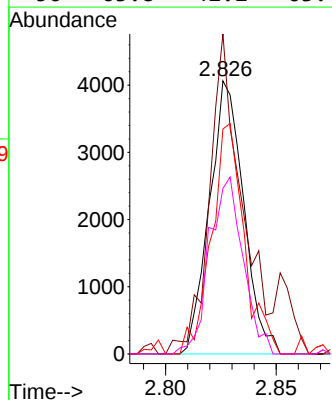
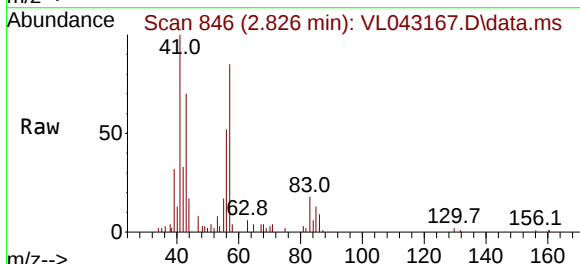
Reviewed By :Semsettin Yesilyurt 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

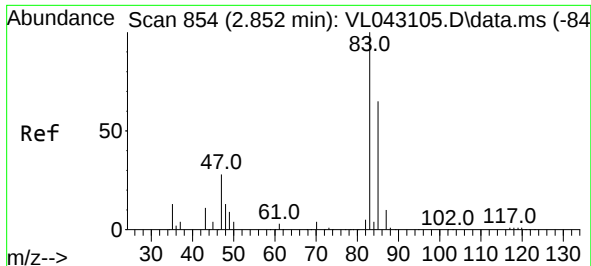


#26
Hexane
Concen: 0.258 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL043167.D
Acq: 06 Nov 2025 14:54

Tgt Ion: 57 Resp: 4364

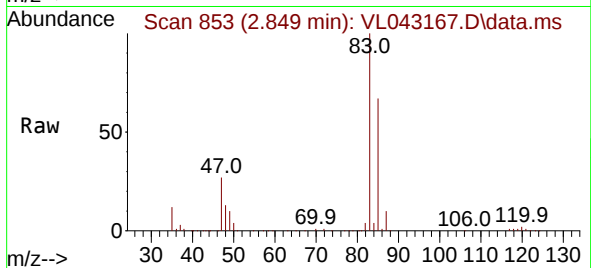
Ion	Ratio	Lower	Upper
57	100		
41	126.5	71.4	107.0#
43	84.6	178.5	267.7#
56	63.8	42.2	63.4#





#29
Chloroform
Concen: 8.134 ppbv
RT: 2.849 min Scan# 853
Delta R.T. -0.003 min
Lab File: VL043167.D
Acq: 06 Nov 2025 14:54

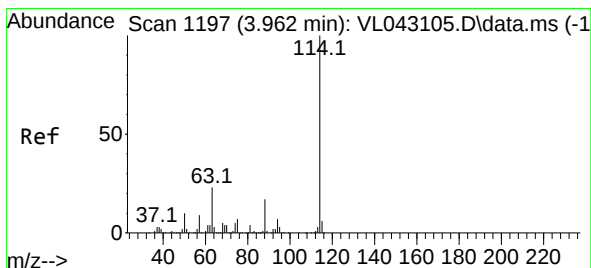
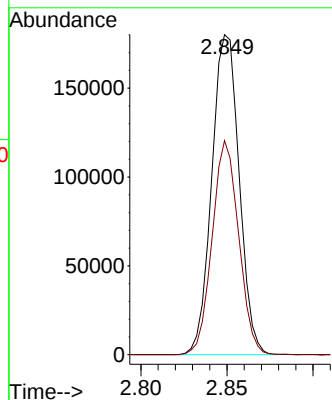
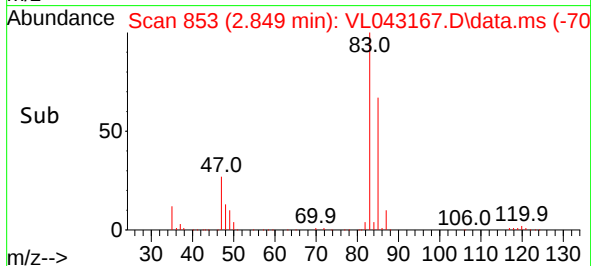
Instrument :
MSVOA_L
ClientSampleId :
151-SG-1DL



Tgt Ion: 83 Resp: 19963
Ion Ratio Lower Upper
83 100
85 66.8 51.8 77.6

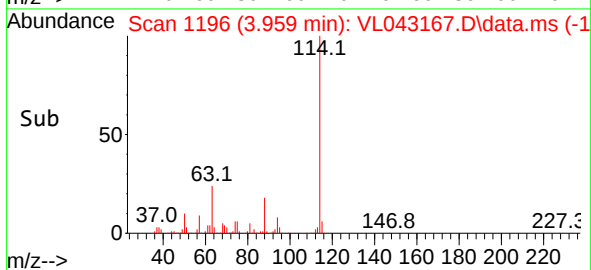
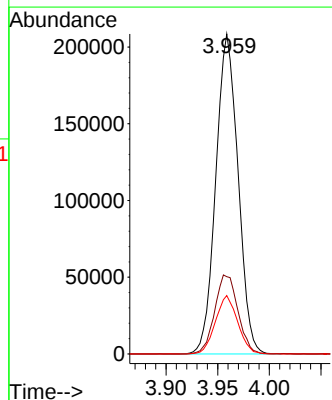
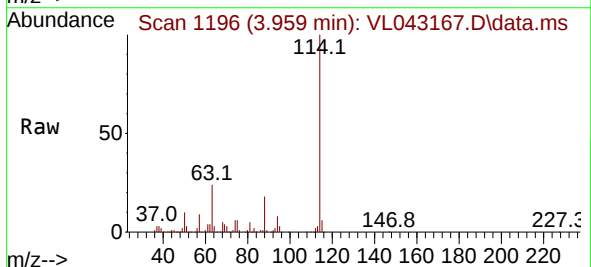
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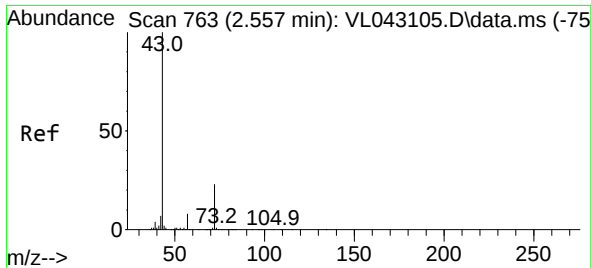
Reviewed By :Semsettin Yesilyurt 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.003 min
Lab File: VL043167.D
Acq: 06 Nov 2025 14:54

Tgt Ion:114 Resp: 312659
Ion Ratio Lower Upper
114 100
63 25.9 19.3 28.9
88 18.2 13.9 20.9





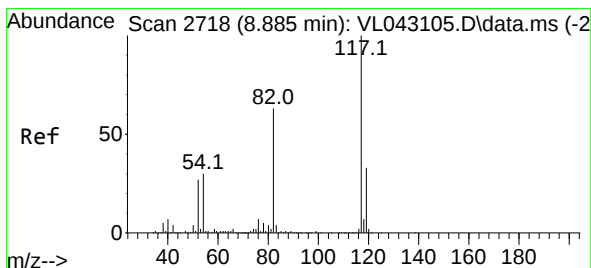
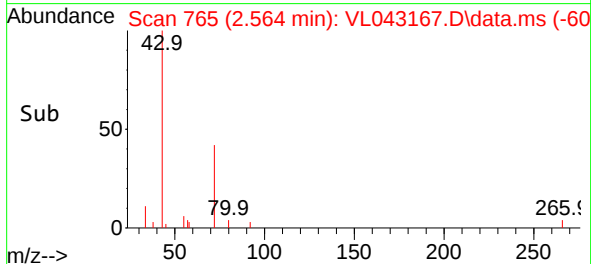
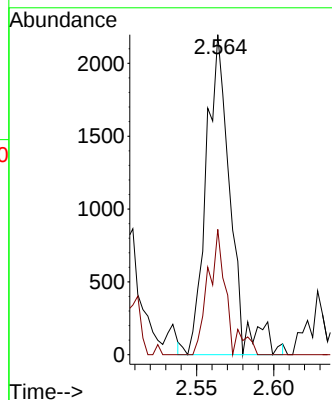
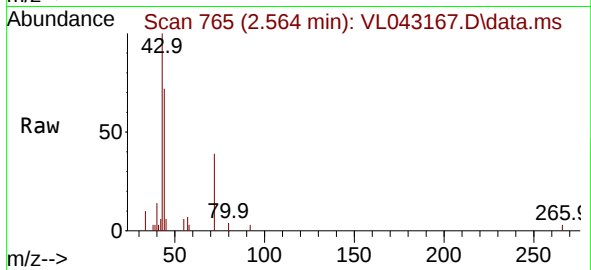
#34
2-Butanone
Concen: 0.115 ppbv m
RT: 2.564 min Scan# 763
Delta R.T. 0.006 min
Lab File: VL043167.D
Acq: 06 Nov 2025 14:54

Instrument :
MSVOA_L
ClientSampleId :
151-SG-1DL

Tgt Ion: 43 Resp: 242
Ion Ratio Lower Upper
43 100
72 0.0 18.4 27.6

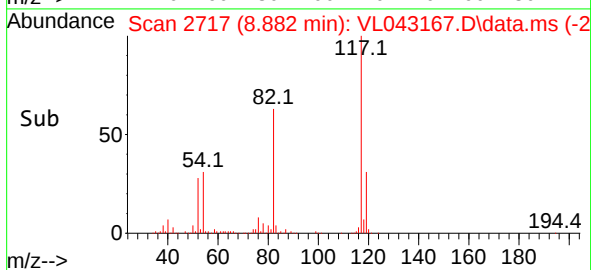
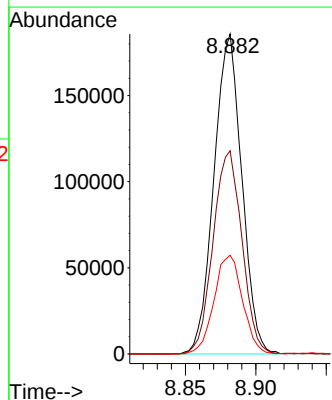
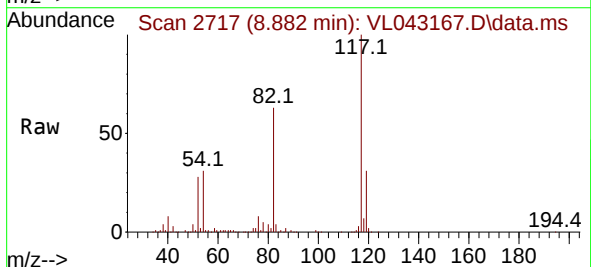
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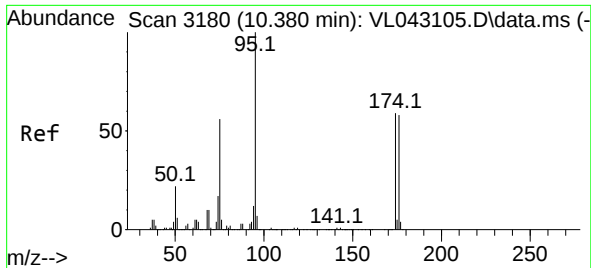
Reviewed By :Semsettin Yesilyurt 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. -0.003 min
Lab File: VL043167.D
Acq: 06 Nov 2025 14:54

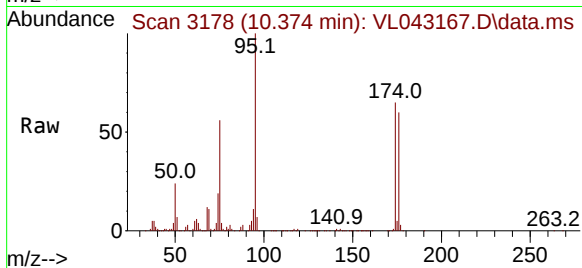
Tgt Ion:117 Resp: 255972
Ion Ratio Lower Upper
117 100
82 65.6 53.8 80.8
119 31.6 25.4 38.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.015 ppbv
 RT: 10.374 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: VL043167.D
 Acq: 06 Nov 2025 14:54

Instrument :
 MSVOA_L
 ClientSampleId :
 151-SG-1DL



Tgt Ion: 95 Resp: 19926
 Ion Ratio Lower Upper
 95 100
 174 64.3 48.3 72.5
 175 4.6 3.8 5.8

Manual Integrations
 APPROVED

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