

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120825\
 Data File : VL043323.D
 Acq On : 08 Dec 2025 21:23
 Operator : SY/MD
 Sample : Q3799-03DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 10-IA-1DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
 Supervised By :Mahesh Dadoda 12/11/2025

Quant Time: Dec 09 00:16:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2025
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	125802	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	308632	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.869	117	237899	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	166753	9.563	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.600%
Target Compounds						
					Qvalue	
13) Ethanol	1.719	45	8871	3.405	ppbv #	38
15) Acetone	1.829	43	1249620	71.496	ppbv	96
19) Isopropyl Alcohol	1.881	45	379998	38.475	ppbv #	13
20) Methylene Chloride	2.059	84	6035	0.420	ppbv	95
25) Ethyl Acetate	2.829	43	14282	0.379	ppbv #	91
43) Methyl Methacrylate	4.865	69	15317m	0.976	ppbv	

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

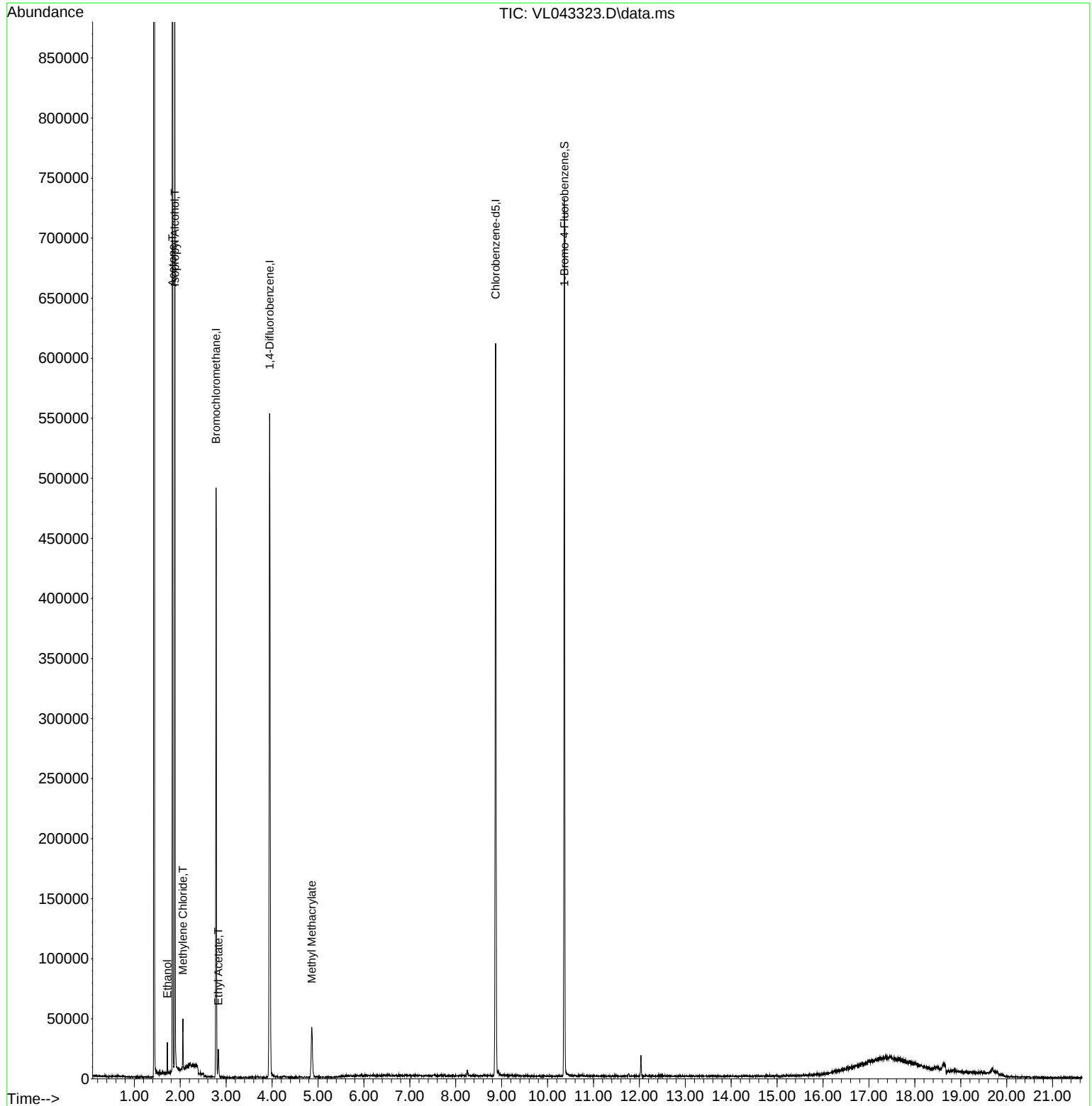
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120825\
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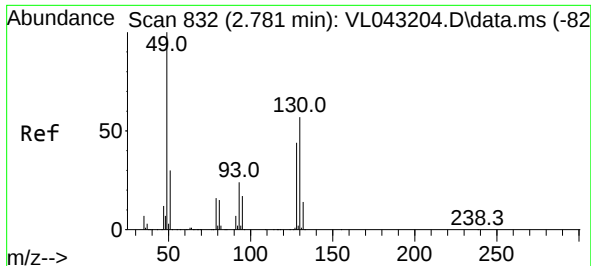
Instrument :
MSVOA_L
ClientSampleId :
10-IA-1DL2

Quant Time: Dec 09 00:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11825AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Nov 19 01:11:25 2025
Response via : Initial Calibration

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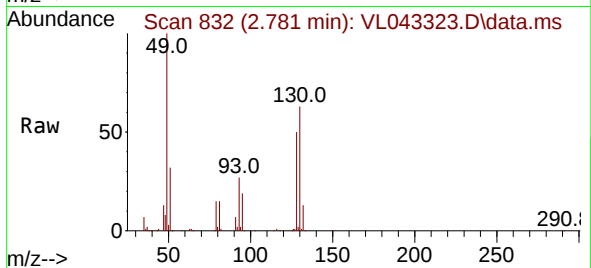
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL043323.D
Acq: 08 Dec 2025 21:23

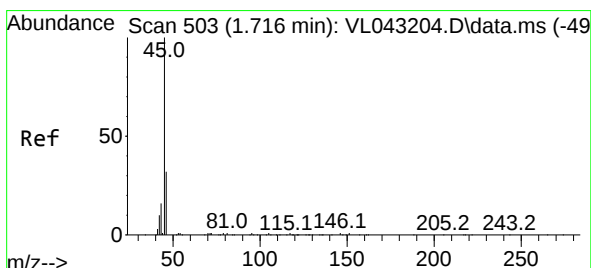
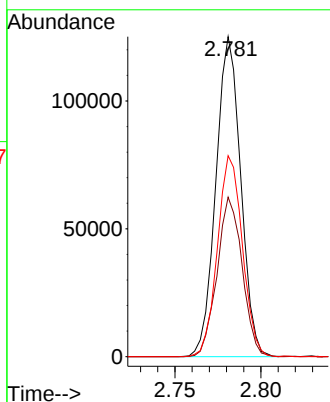
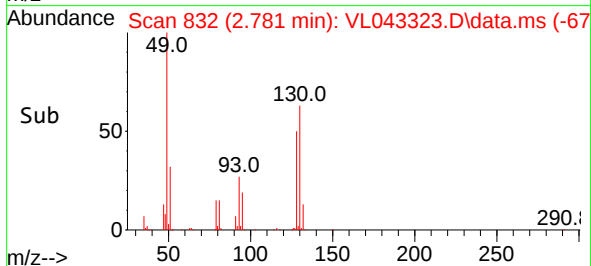
Instrument :
MSVOA_L
ClientSampleId :
10-IA-1DL2



Tgt Ion: 49 Resp: 12580
Ion Ratio Lower Upper
49 100
128 50.3 23.0 69.0
130 63.2 29.9 89.7

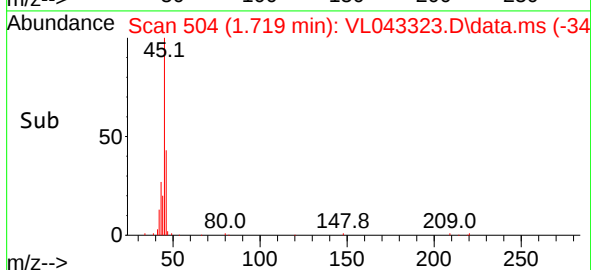
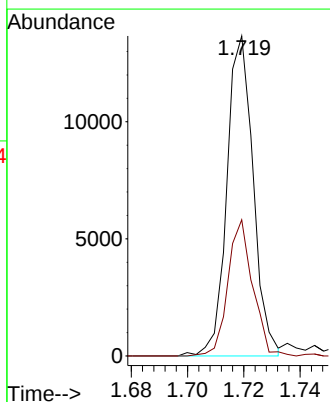
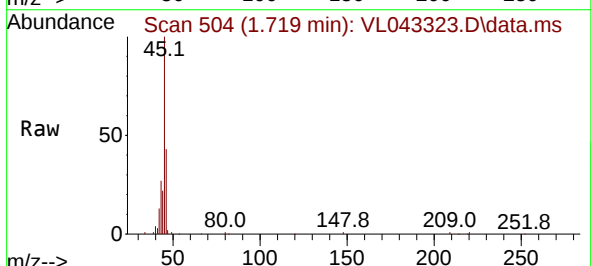
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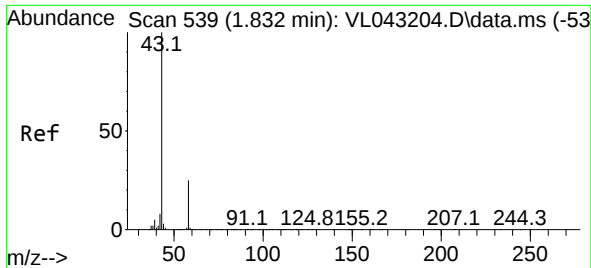
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#13
Ethanol
Concen: 3.405 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL043323.D
Acq: 08 Dec 2025 21:23

Tgt Ion: 45 Resp: 8871
Ion Ratio Lower Upper
45 100
46 0.0 15.0 59.8#





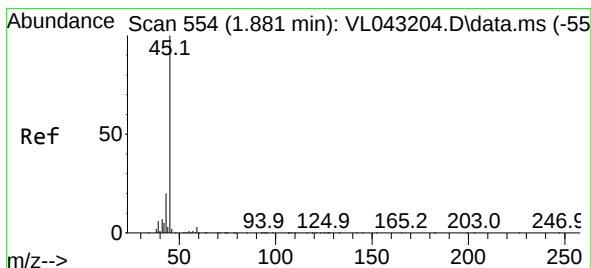
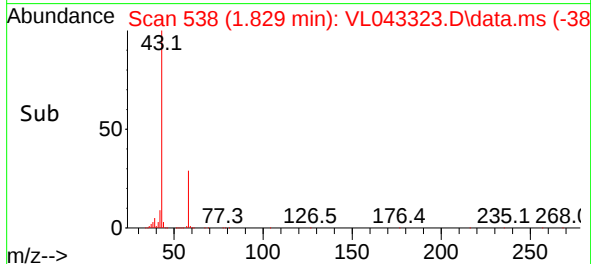
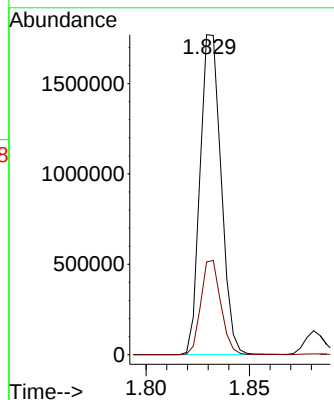
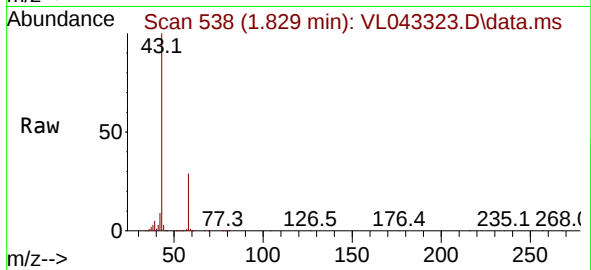
#15
Acetone
Concen: 71.496 ppbv
RT: 1.829 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL043323.D
Acq: 08 Dec 2025 21:23

Instrument :
MSVOA_L
ClientSampleId :
10-IA-1DL2

Tgt Ion: 43 Resp: 1249620
Ion Ratio Lower Upper
43 100
58 28.0 20.7 31.1

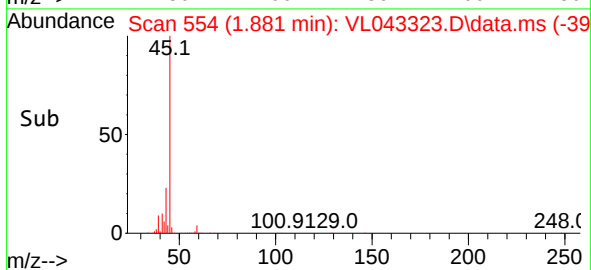
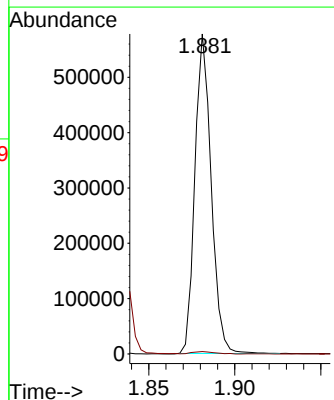
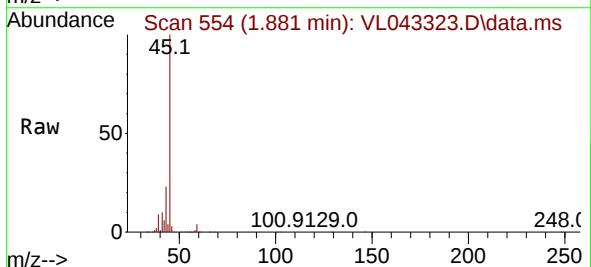
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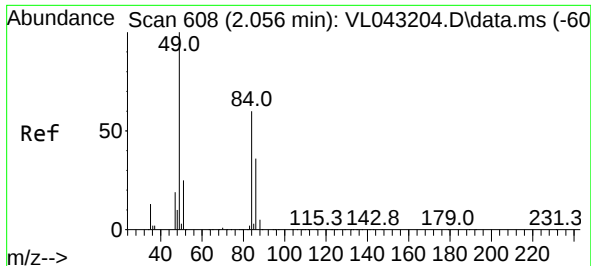
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#19
Isopropyl Alcohol
Concen: 38.475 ppbv
RT: 1.881 min Scan# 554
Delta R.T. 0.000 min
Lab File: VL043323.D
Acq: 08 Dec 2025 21:23

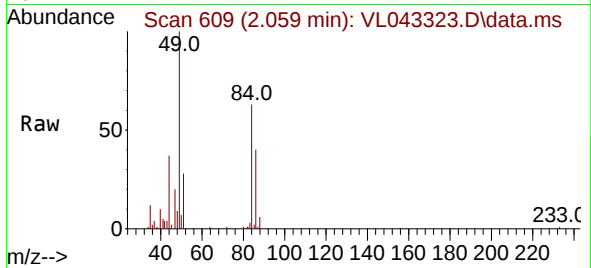
Tgt Ion: 45 Resp: 379998
Ion Ratio Lower Upper
45 100
58 92.2 31.3 46.9





#20
Methylene Chloride
Concen: 0.420 ppbv
RT: 2.059 min Scan# 608
Delta R.T. 0.003 min
Lab File: VL043323.D
Acq: 08 Dec 2025 21:23

Instrument :
MSVOA_L
ClientSampleId :
10-IA-1DL2

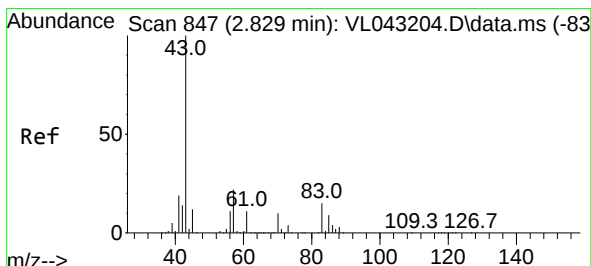
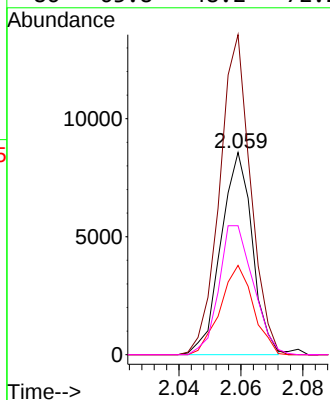
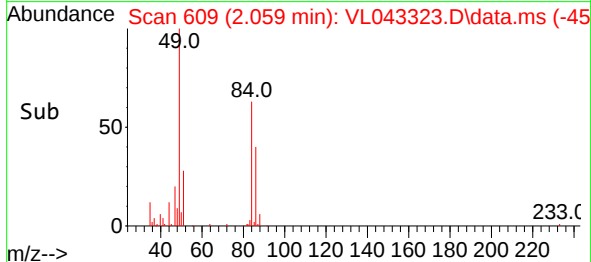


Tgt Ion: 84 Resp: 6035

Ion	Ratio	Lower	Upper
84	100		
49	158.2	132.9	199.3
51	44.2	34.8	52.2
86	63.8	48.2	72.2

Manual Integrations
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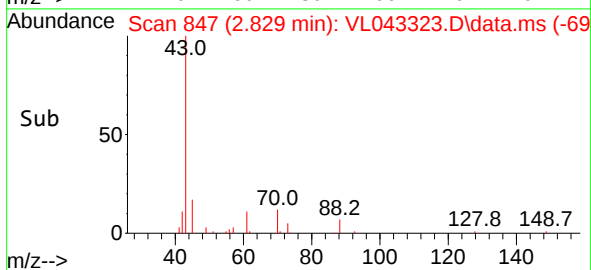
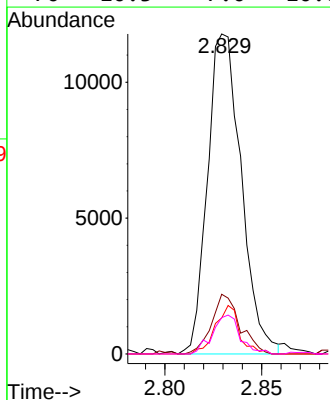
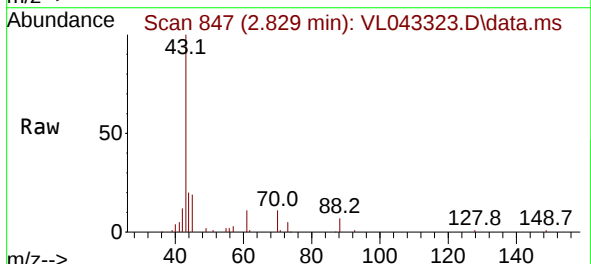
Reviewed By :Semsettin Yesilyurt 12/09/2025
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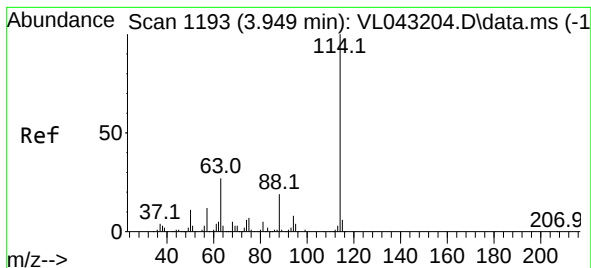


#25
Ethyl Acetate
Concen: 0.379 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.000 min
Lab File: VL043323.D
Acq: 08 Dec 2025 21:23

Tgt Ion: 43 Resp: 14282

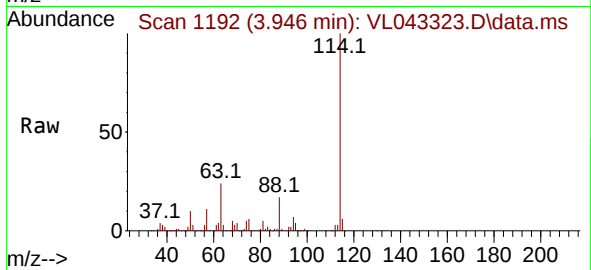
Ion	Ratio	Lower	Upper
43	100		
45	16.0	8.1	12.1#
61	10.9	7.0	10.4#
70	10.3	7.0	10.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.946 min Scan# 1193
Delta R.T. -0.003 min
Lab File: VL043323.D
Acq: 08 Dec 2025 21:23

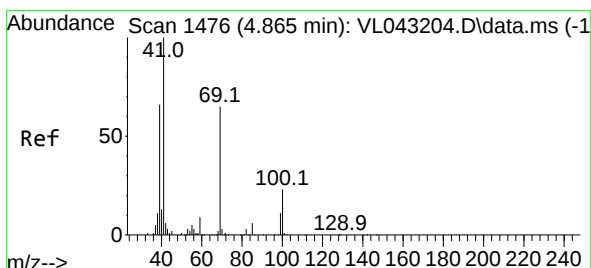
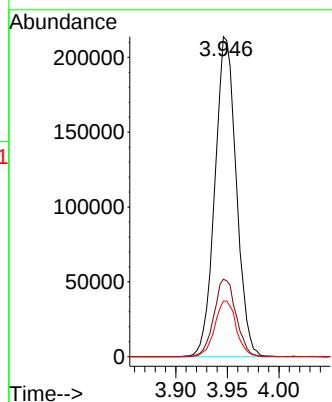
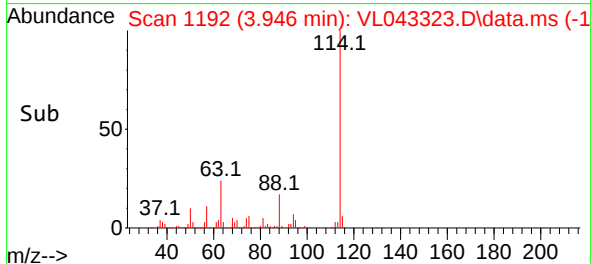
Instrument :
MSVOA_L
ClientSampleId :
10-IA-1DL2



Tgt Ion:114 Resp: 30863
Ion Ratio Lower Upper
114 100
63 25.1 21.0 31.6
88 17.4 14.9 22.3

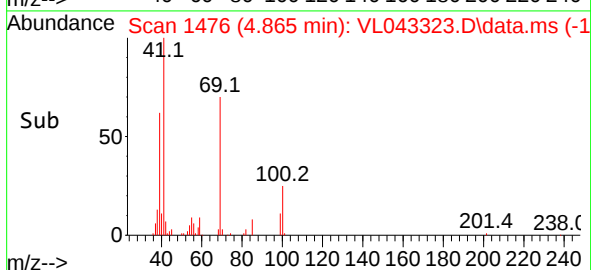
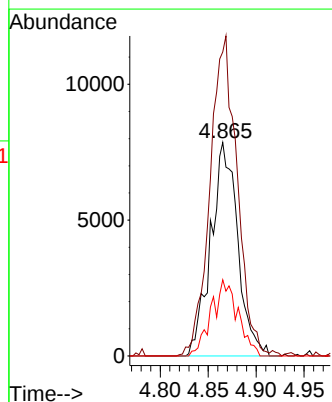
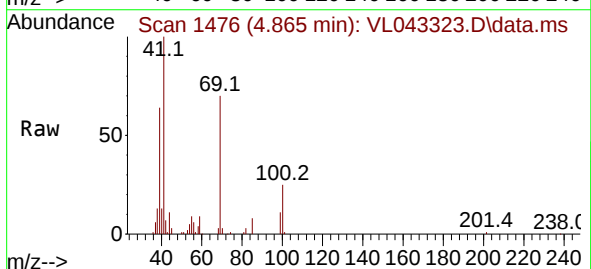
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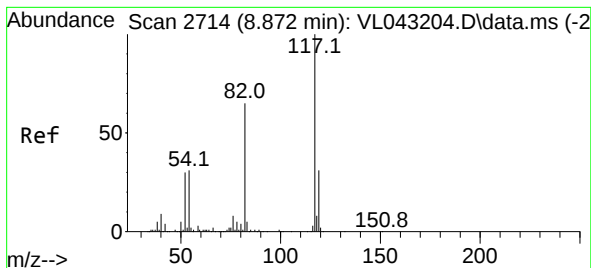
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#43
Methyl Methacrylate
Concen: 0.976 ppbv m
RT: 4.865 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VL043323.D
Acq: 08 Dec 2025 21:23

Tgt Ion: 69 Resp: 15317
Ion Ratio Lower Upper
69 100
41 152.2 126.7 190.1
100 35.2 28.6 43.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.869 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL043323.D

Acq: 08 Dec 2025 21:23

Instrument :

MSVOA_L

ClientSampleId :

10-IA-1DL2

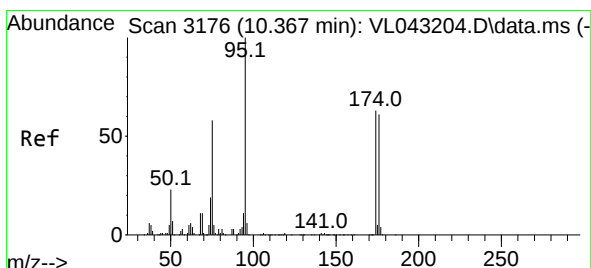
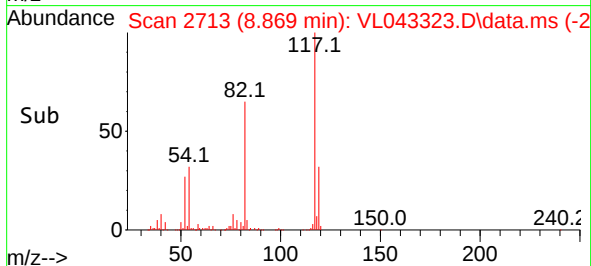
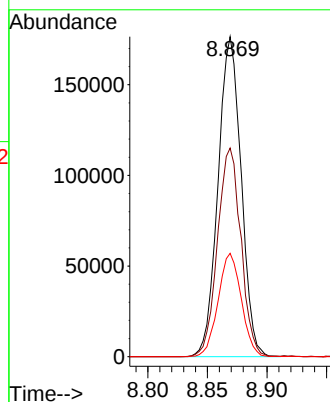
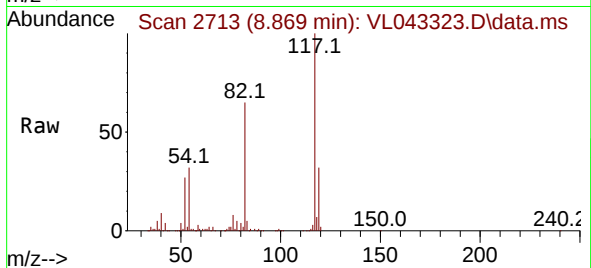
Tgt Ion: 117 Resp: 237899

Ion	Ratio	Lower	Upper
117	100		
82	66.1	56.1	84.1
119	32.5	25.0	37.6

Manual Integrations

APPROVED

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.563 ppbv

RT: 10.364 min Scan# 3175

Delta R.T. -0.003 min

Lab File: VL043323.D

Acq: 08 Dec 2025 21:23

Tgt Ion: 95 Resp: 166753

Ion	Ratio	Lower	Upper
95	100		
174	69.0	50.2	75.2
175	5.1	4.1	6.1

