

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072425\
 Data File : VL042768.D
 Acq On : 24 Jul 2025 16:53
 Operator : SY/MD
 Sample : Q2671-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 118-IA-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025

Quant Time: Jul 25 01:29:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	151863	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	412621	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	353060	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	275055	9.837	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						
					Qvalue	
9) Propene	1.489	41	41514m	4.367	ppbv	
13) Ethanol	1.726	45	96968	138.940	ppbv	90
15) Acetone	1.839	43	50277	2.398	ppbv	97
19) Isopropyl Alcohol	1.891	45	27840	2.498	ppbv	93
26) Hexane	2.833	57	13749	0.675	ppbv #	52

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

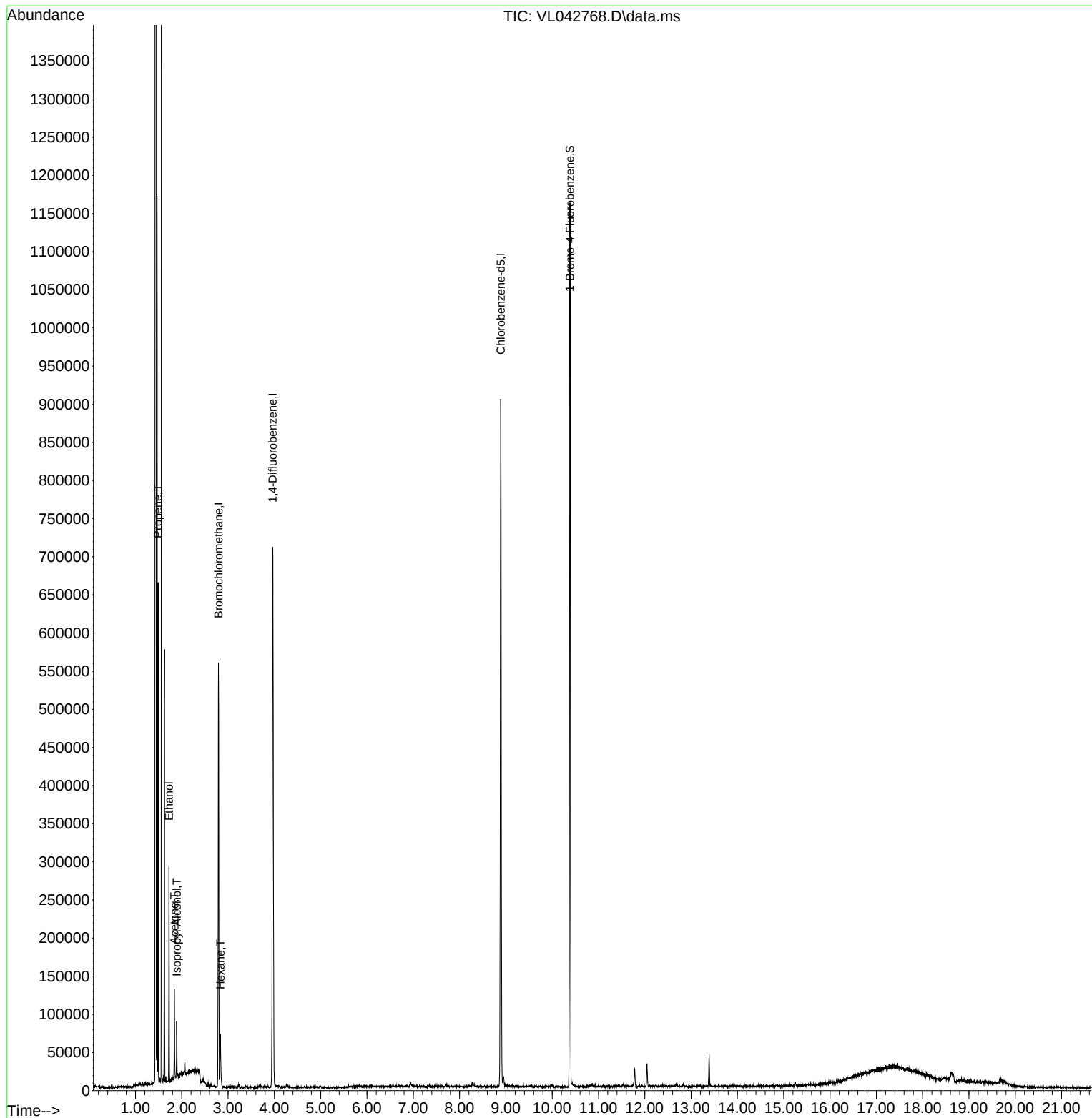
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072425\
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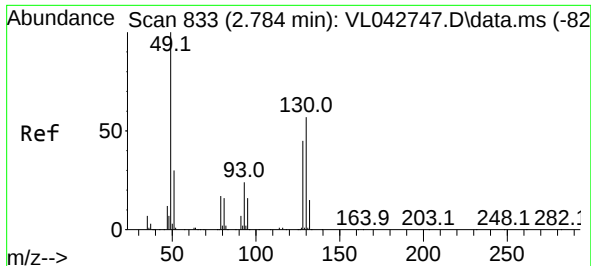
Instrument :
MSVOA_L
ClientSampleId :
118-IA-1DL

Quant Time: Jul 25 01:29:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
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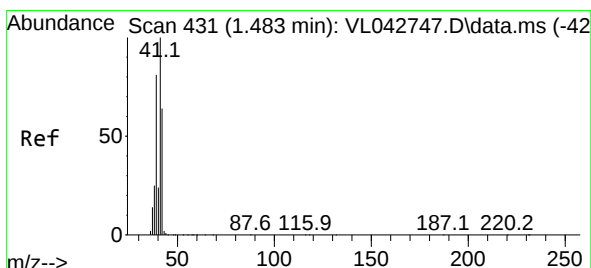
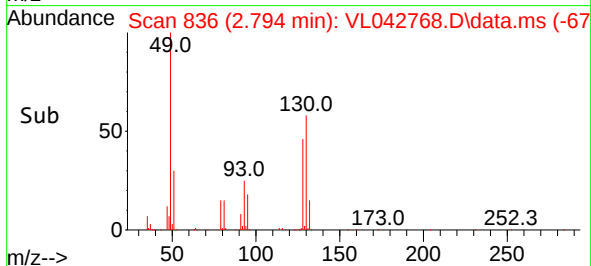
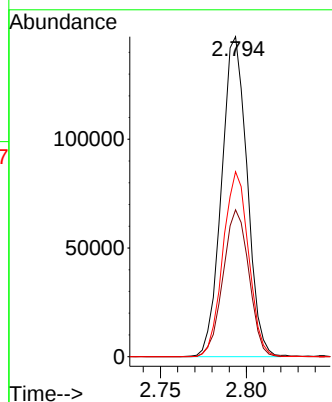
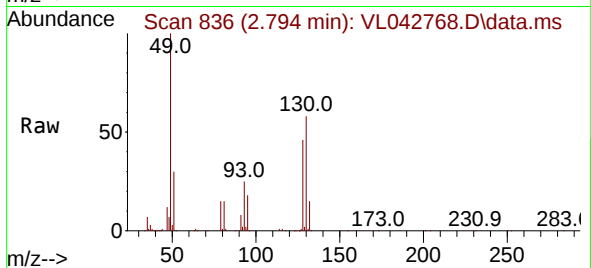
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 833
Delta R.T. 0.010 min
Lab File: VL042768.D
Acq: 24 Jul 2025 16:53

Instrument :
MSVOA_L
ClientSampleId :
118-IA-1DL

Tgt Ion: 49 Resp: 15186
Ion Ratio Lower Upper
49 100
128 46.5 23.6 71.0
130 57.9 30.3 90.8

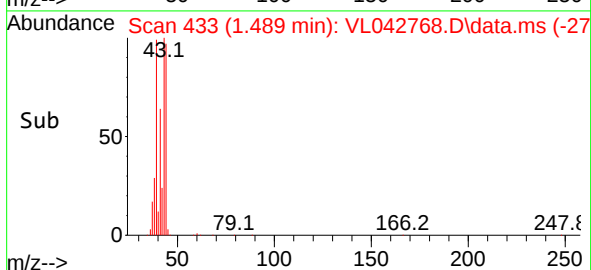
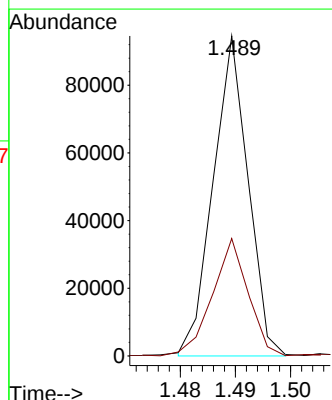
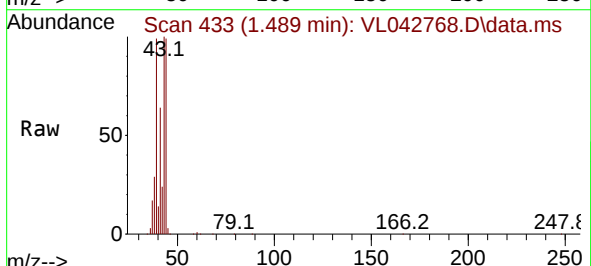
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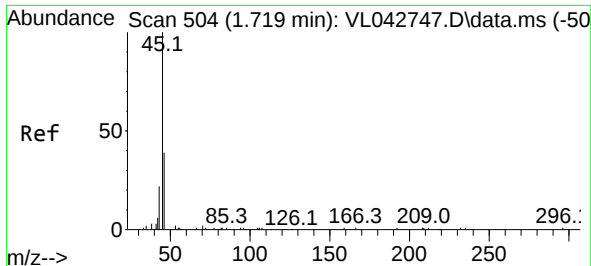
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#9
Propene
Concen: 4.367 ppbv m
RT: 1.489 min Scan# 433
Delta R.T. 0.007 min
Lab File: VL042768.D
Acq: 24 Jul 2025 16:53

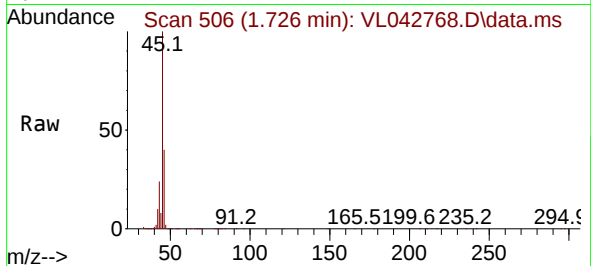
Tgt Ion: 41 Resp: 41514
Ion Ratio Lower Upper
41 100
42 290.6 53.2 79.8#





#13
Ethanol
Concen: 138.940 ppbv
RT: 1.726 min Scan# 506
Delta R.T. 0.007 min
Lab File: VL042768.D
Acq: 24 Jul 2025 16:53

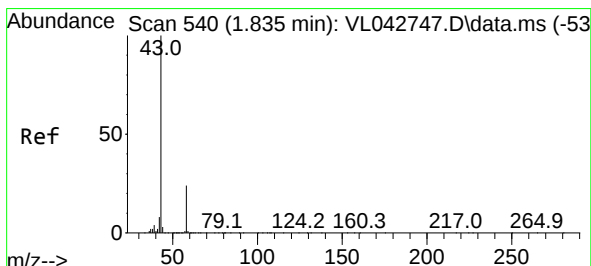
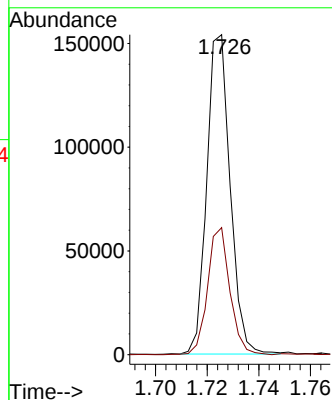
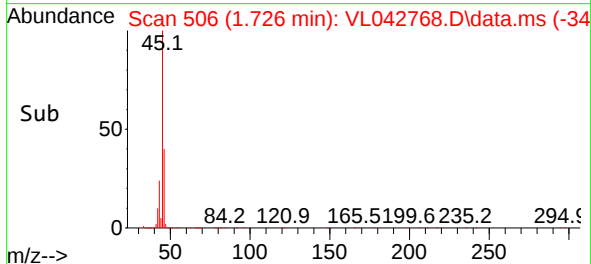
Instrument :
MSVOA_L
ClientSampleId :
118-IA-1DL



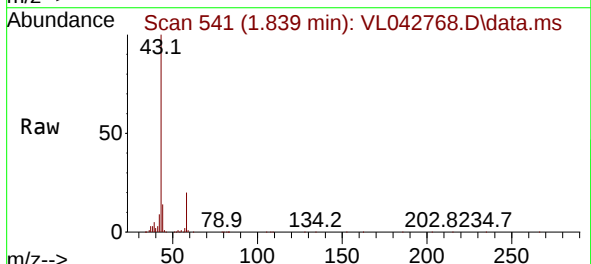
Tgt Ion: 45 Resp: 96968
Ion Ratio Lower Upper
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46 38.4 17.8 71.4

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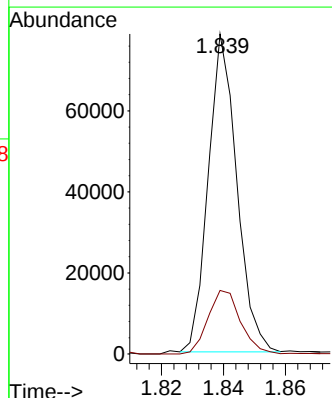
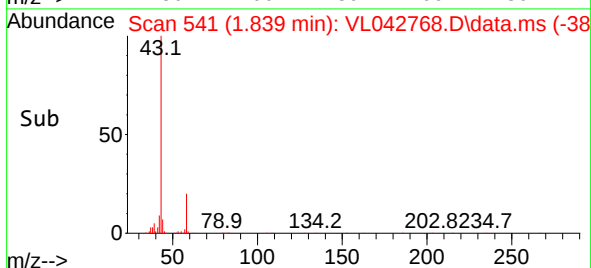
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

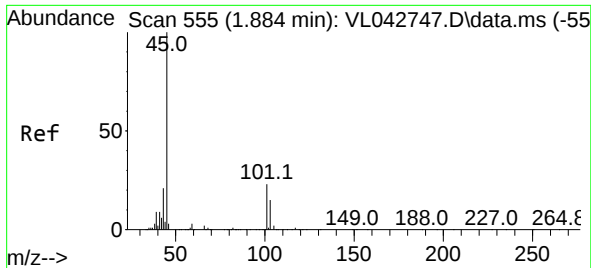


#15
Acetone
Concen: 2.398 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042768.D
Acq: 24 Jul 2025 16:53



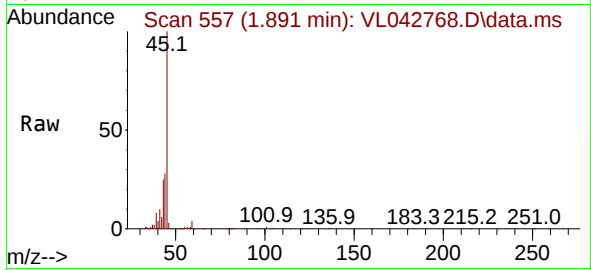
Tgt Ion: 43 Resp: 50277
Ion Ratio Lower Upper
43 100
58 23.1 19.8 29.8





#19
Isopropyl Alcohol
Concen: 2.498 ppbv
RT: 1.891 min Scan# 51
Delta R.T. 0.007 min
Lab File: VL042768.D
Acq: 24 Jul 2025 16:53

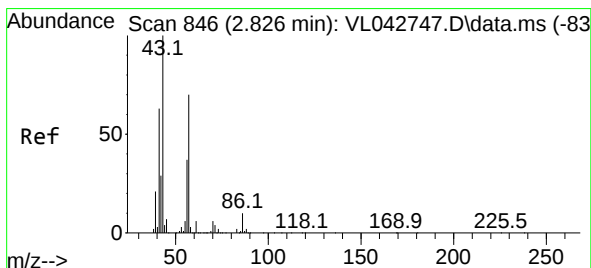
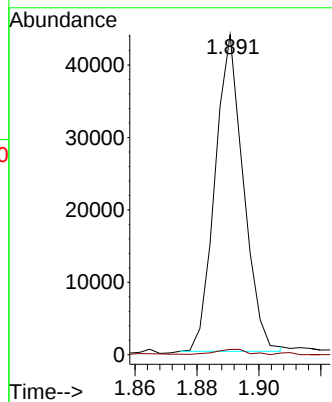
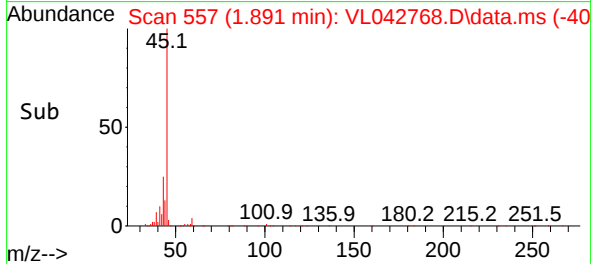
Instrument :
MSVOA_L
ClientSampleId :
118-IA-1DL



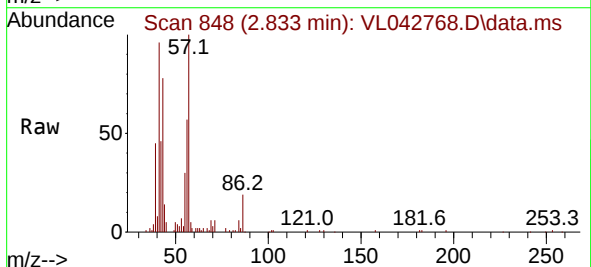
Tgt Ion: 45 Resp: 27840
Ion Ratio Lower Upper
45 100
58 41.7 30.0 45.0

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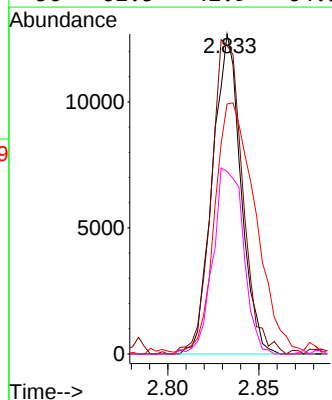
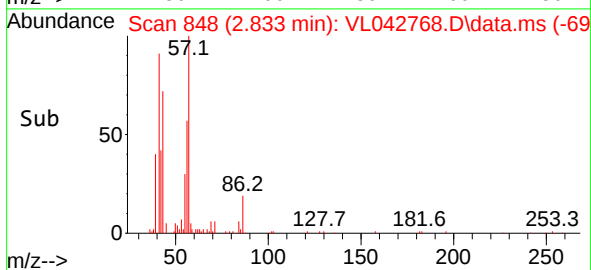
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

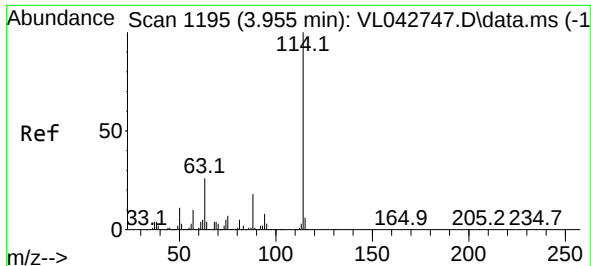


#26
Hexane
Concen: 0.675 ppbv
RT: 2.833 min Scan# 848
Delta R.T. 0.007 min
Lab File: VL042768.D
Acq: 24 Jul 2025 16:53



Tgt Ion: 57 Resp: 13749
Ion Ratio Lower Upper
57 100
41 109.3 75.4 113.2
43 115.8 185.0 277.6#
56 62.5 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1195

Delta R.T. 0.010 min

Lab File: VL042768.D

Acq: 24 Jul 2025 16:53

Instrument :

MSVOA_L

ClientSampleId :

118-IA-1DL

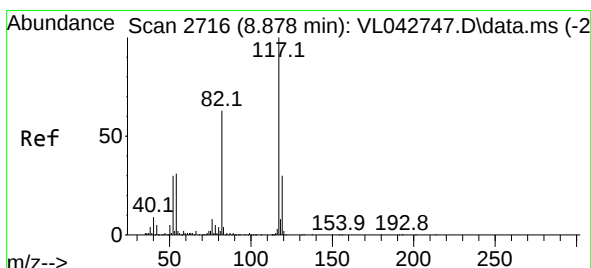
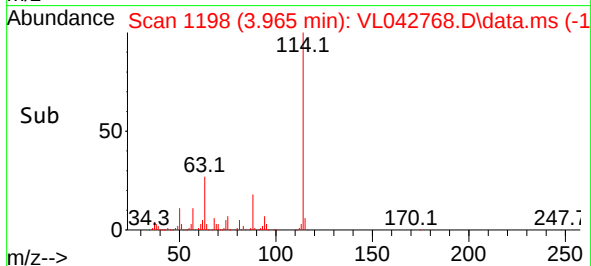
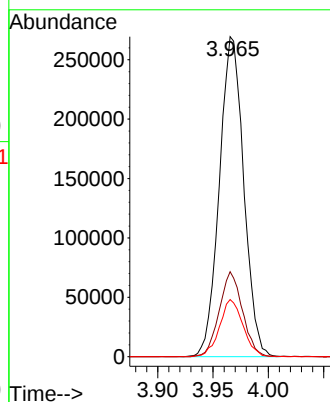
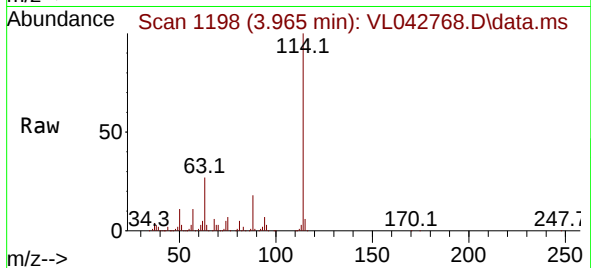
Tgt Ion:114 Resp: 41262

Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.5	30.7
88	17.2	14.0	21.0

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

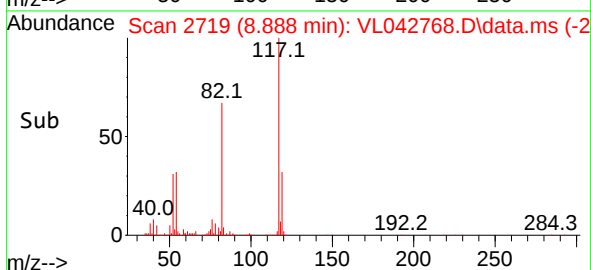
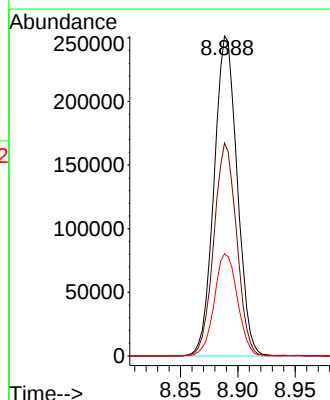
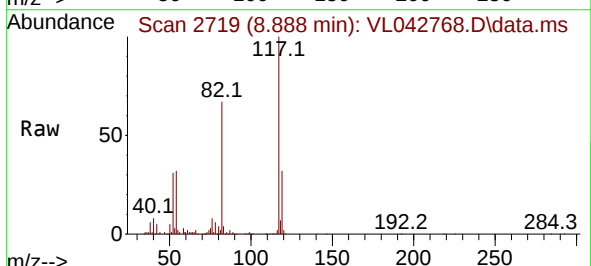
Delta R.T. 0.010 min

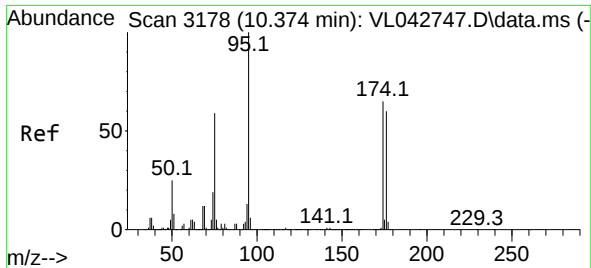
Lab File: VL042768.D

Acq: 24 Jul 2025 16:53

Tgt Ion:117 Resp: 353060

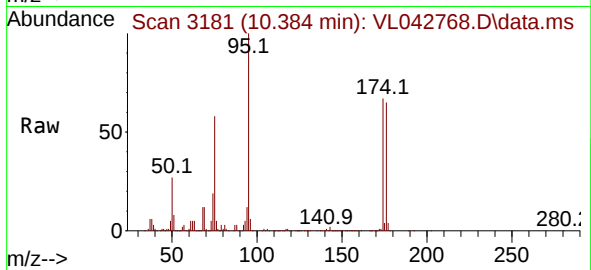
Ion	Ratio	Lower	Upper
117	100		
82	65.7	53.3	79.9
119	32.0	25.8	38.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.837 ppbv
 RT: 10.384 min Scan# 3178
 Delta R.T. 0.010 min
 Lab File: VL042768.D
 Acq: 24 Jul 2025 16:53

Instrument :
 MSVOA_L
 ClientSampleId :
 118-IA-1DL



Tgt Ion: 95 Resp: 275058
 Ion Ratio Lower Upper
 95 100
 174 65.7 53.8 80.6
 175 4.6 4.0 6.0

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