

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
 Data File : VL042455.D
 Acq On : 29 Apr 2025 20:30
 Operator : SY/MD
 Sample : Q1908-02DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 B-2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025

Quant Time: Apr 30 01:25:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	115746	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	299367	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.895	117	250795	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	226129	10.972	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.700%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	2466	0.121	ppbv	99
13) Ethanol	1.725	45	2939m	2.085	ppbv	
15) Acetone	1.842	43	14692	0.775	ppbv	93
20) Methylene Chloride	2.065	84	20638	2.781	ppbv #	90
26) Hexane	2.832	57	9495	0.502	ppbv #	28

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

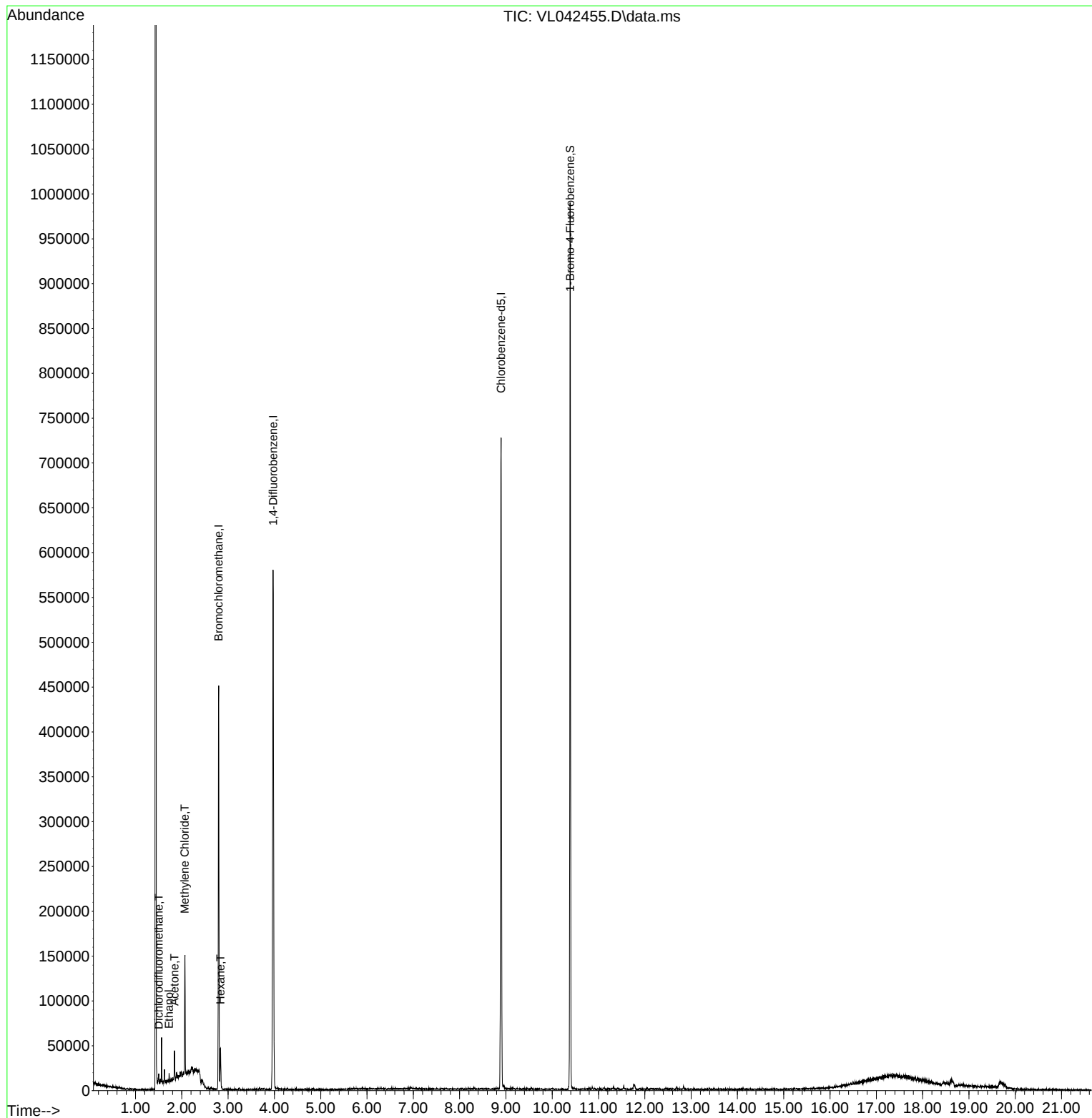
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
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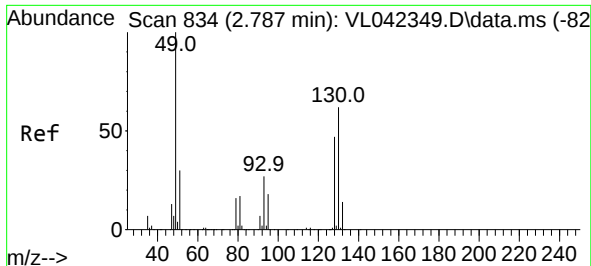
Instrument :
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ClientSampleId :
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Quant Time: Apr 30 01:25:35 2025
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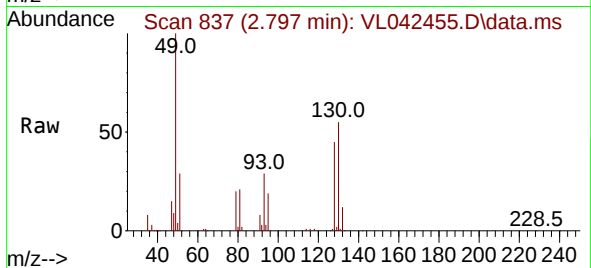
Reviewed By : Semsettin Yesilyurt 04/30/2025
Supervised By : Mahesh Dadoda 04/30/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL042455.D
Acq: 29 Apr 2025 20:30

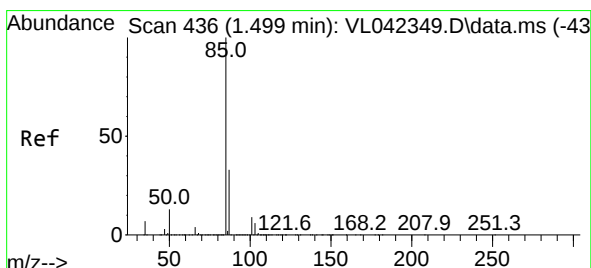
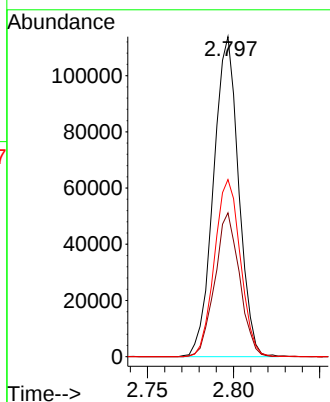
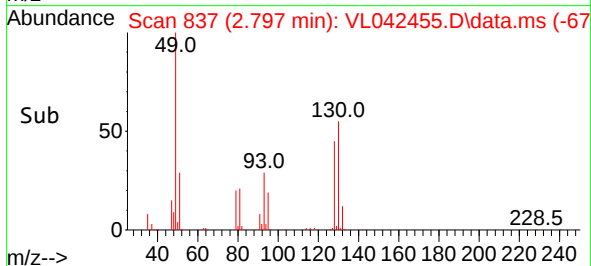
Instrument :
MSVOA_L
ClientSampleId :
B-2DL



Tgt Ion: 49 Resp: 115740
Ion Ratio Lower Upper
49 100
128 44.4 22.8 68.4
130 57.0 29.3 88.0

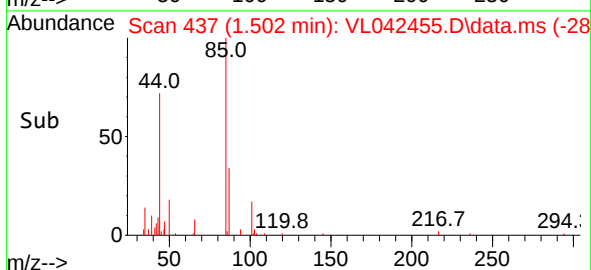
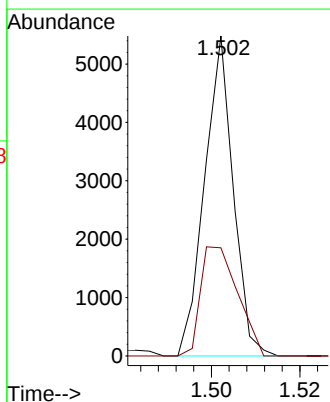
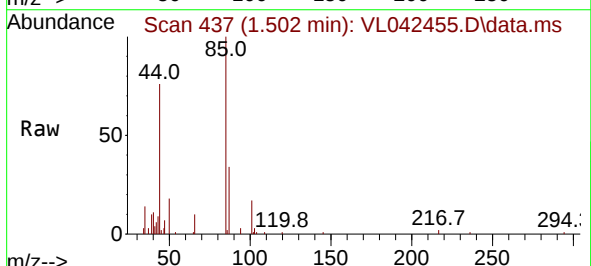
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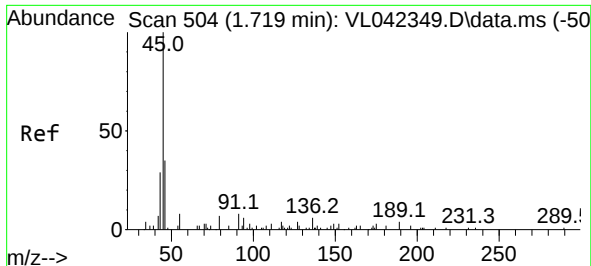
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#2
Dichlorodifluoromethane
Concen: 0.121 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL042455.D
Acq: 29 Apr 2025 20:30

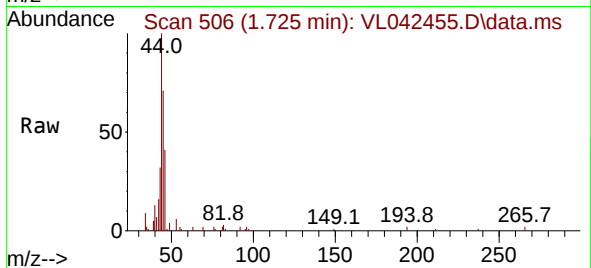
Tgt Ion: 85 Resp: 2466
Ion Ratio Lower Upper
85 100
87 33.8 26.6 39.8





#13
Ethanol
Concen: 2.085 ppbv m
RT: 1.725 min Scan# 504
Delta R.T. 0.007 min
Lab File: VL042455.D
Acq: 29 Apr 2025 20:30

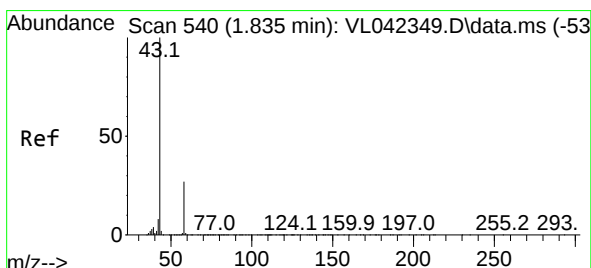
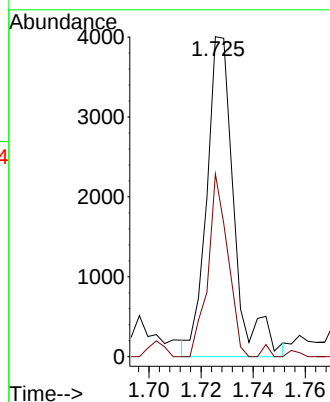
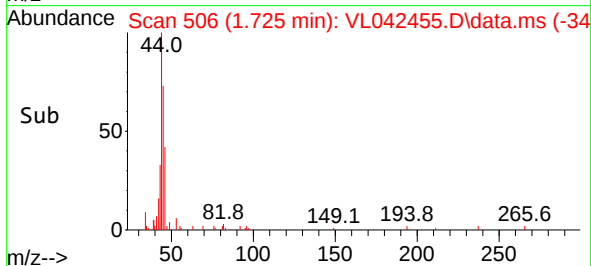
Instrument :
MSVOA_L
ClientSampleId :
B-2DL



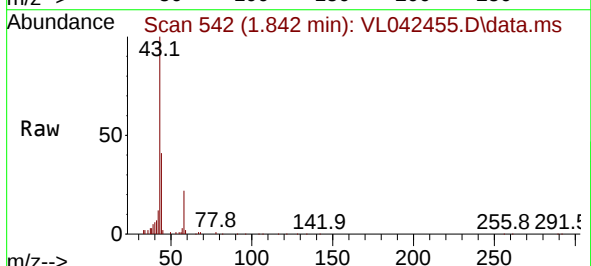
Tgt Ion: 45 Resp: 2939
Ion Ratio Lower Upper
45 100
46 0.0 21.9 87.7

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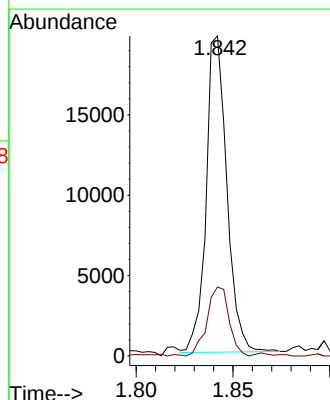
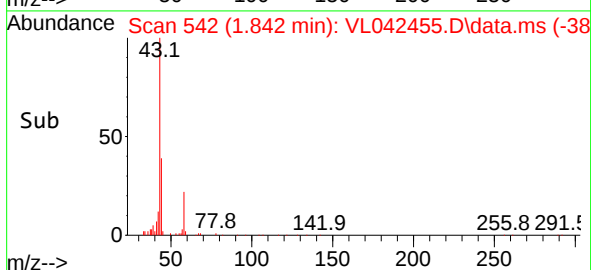
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

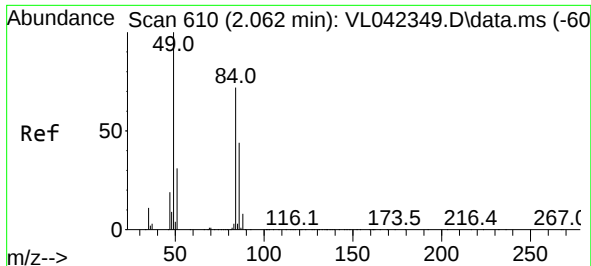


#15
Acetone
Concen: 0.775 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.007 min
Lab File: VL042455.D
Acq: 29 Apr 2025 20:30



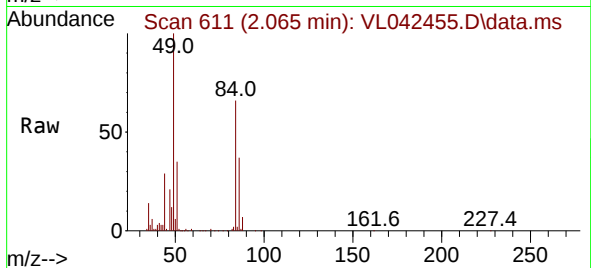
Tgt Ion: 43 Resp: 14692
Ion Ratio Lower Upper
43 100
58 24.1 22.4 33.6





#20
Methylene Chloride
Concen: 2.781 ppbv
RT: 2.065 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042455.D
Acq: 29 Apr 2025 20:30

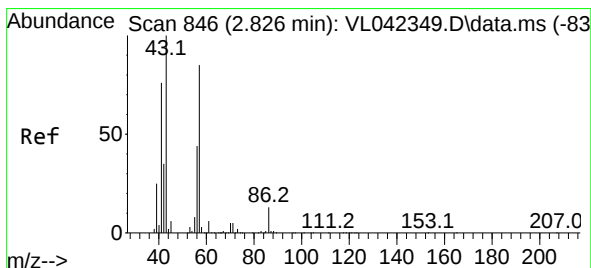
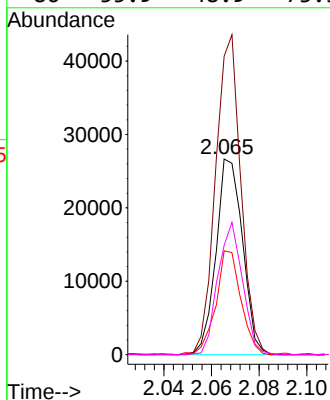
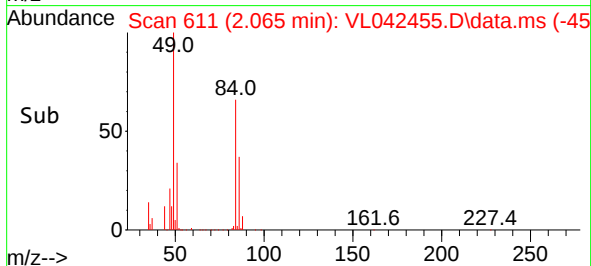
Instrument :
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ClientSampleId :
B-2DL



Tgt Ion: 84 Resp: 20638
Ion Ratio Lower Upper
84 100
49 152.6 111.6 167.4
51 53.1 35.1 52.7
86 55.9 48.9 73.3

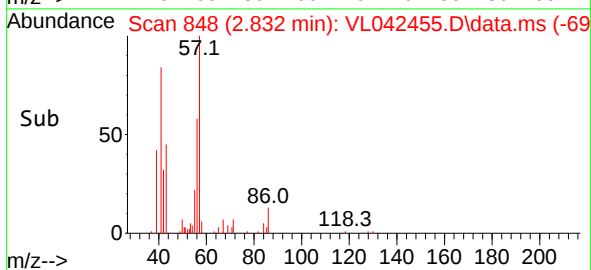
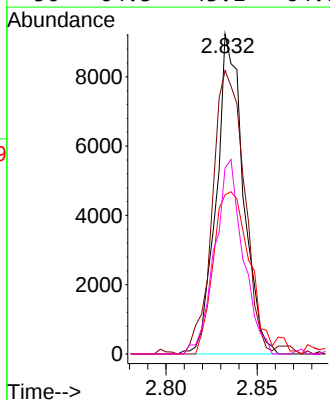
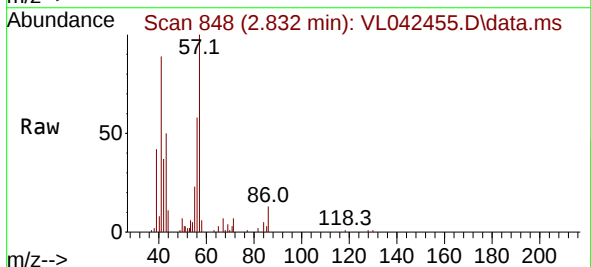
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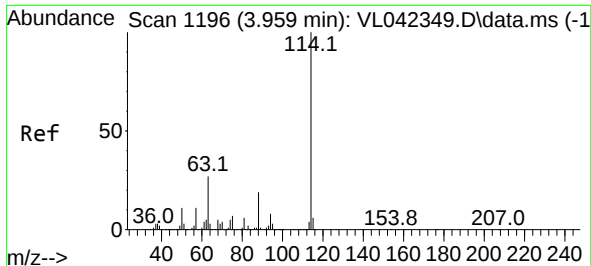
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#26
Hexane
Concen: 0.502 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.007 min
Lab File: VL042455.D
Acq: 29 Apr 2025 20:30

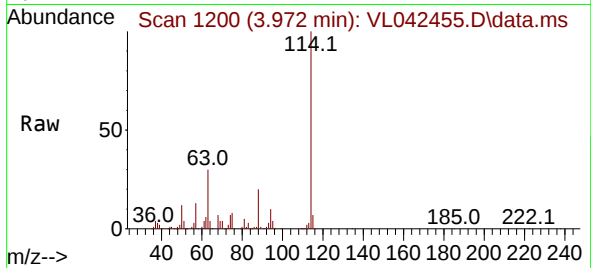
Tgt Ion: 57 Resp: 9495
Ion Ratio Lower Upper
57 100
41 107.1 77.9 116.9
43 69.4 208.4 312.6#
56 64.3 43.1 64.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1196
Delta R.T. 0.013 min
Lab File: VL042455.D
Acq: 29 Apr 2025 20:30

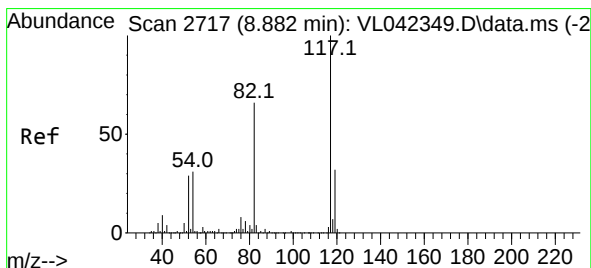
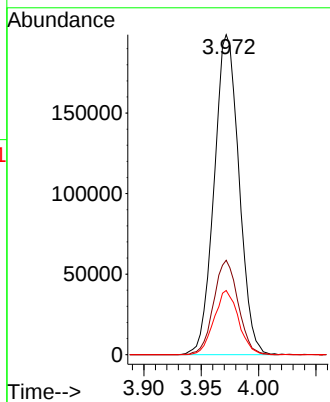
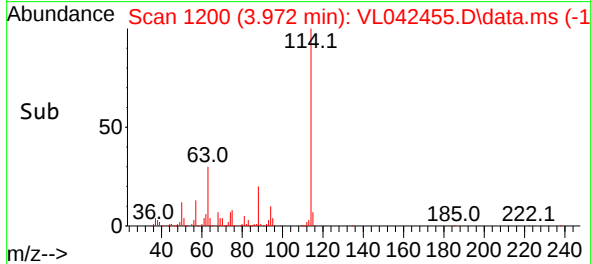
Instrument :
MSVOA_L
ClientSampleId :
B-2DL



Tgt Ion:114 Resp: 29936
Ion Ratio Lower Upper
114 100
63 29.1 21.8 32.6
88 19.8 15.5 23.3

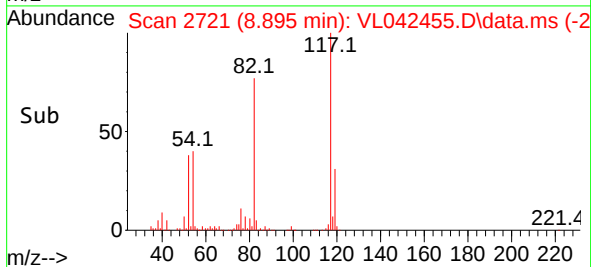
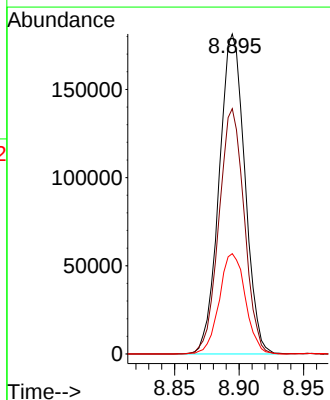
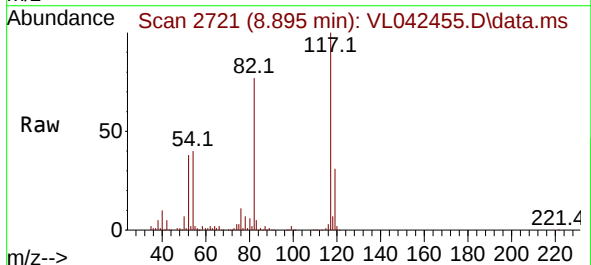
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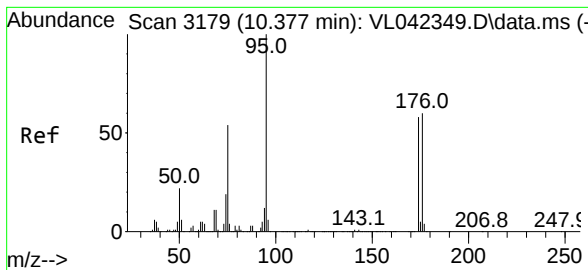
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 2721
Delta R.T. 0.013 min
Lab File: VL042455.D
Acq: 29 Apr 2025 20:30

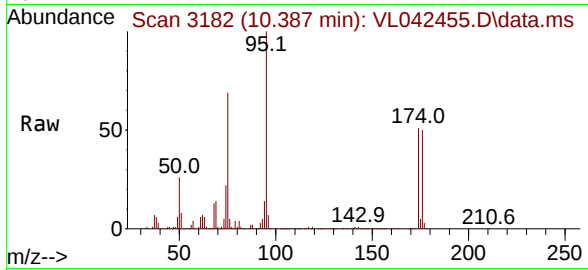
Tgt Ion:117 Resp: 250795
Ion Ratio Lower Upper
117 100
82 75.5 57.8 86.6
119 31.9 25.2 37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.972 ppbv
 RT: 10.387 min Scan# 3179
 Delta R.T. 0.010 min
 Lab File: VL042455.D
 Acq: 29 Apr 2025 20:30

Instrument :
 MSVOA_L
 ClientSampleId :
 B-2DL



Tgt Ion: 95 Resp: 226129
 Ion Ratio Lower Upper
 95 100
 174 50.8 48.5 72.7
 175 4.1 3.7 5.5

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