

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072425\
 Data File : VL042761.D
 Acq On : 24 Jul 2025 12:14
 Operator : SY/MD
 Sample : Q2671-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 118-SG1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 25 01:25:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	2.787	49	149830	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	418114	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	370590	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	291433	9.930	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
					Qvalue	
4) Chloromethane	1.531	50	2085	0.260	ppbv #	86
9) Propene	1.486	41	2822	0.301	ppbv	95
13) Ethanol	1.722	45	7958	10.501	ppbv #	31
15) Acetone	1.836	43	97426	4.709	ppbv	99
34) 2-Butanone	2.557	43	42357	1.430	ppbv	96
38) Trichloroethene	4.545	130	860m	0.045	ppbv	
52) Tetrachloroethene	8.225	164	1390m	0.085	ppbv	

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

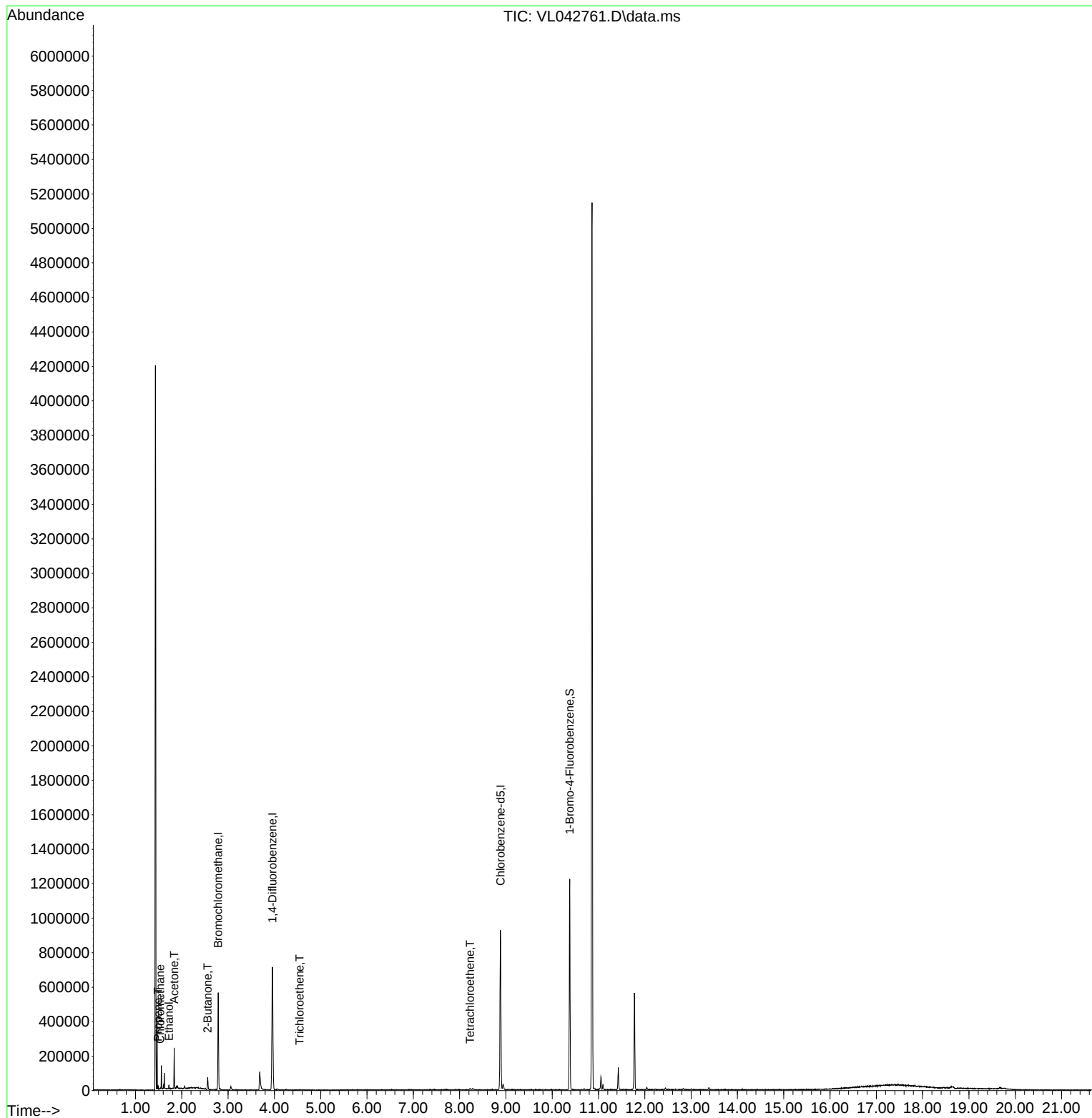
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072425\
Data File : VL042761.D
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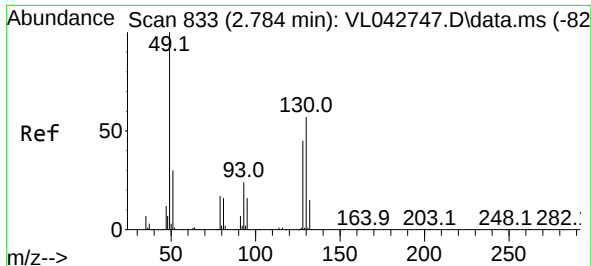
Instrument :
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ClientSampleId :
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Quant Time: Jul 25 01:25:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
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QLast Update : Thu Jul 24 05:24:41 2025
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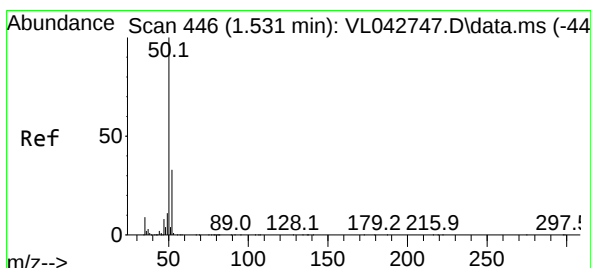
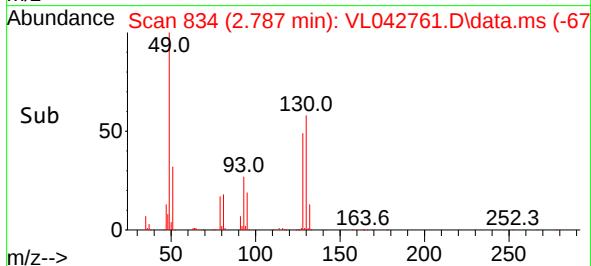
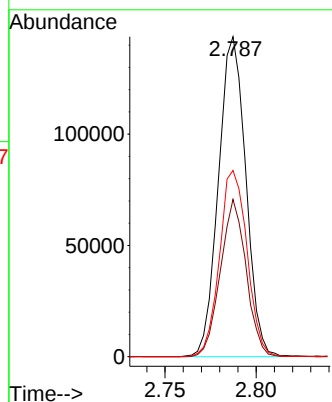
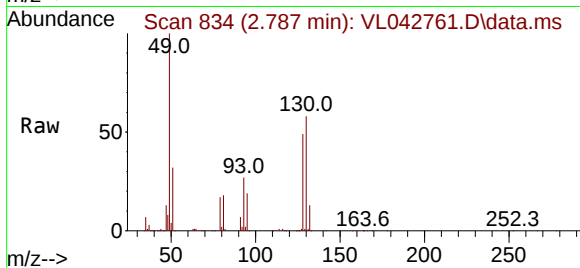
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 833
Delta R.T. 0.003 min
Lab File: VL042761.D
Acq: 24 Jul 2025 12:14

Instrument :
MSVOA_L
ClientSampleId :
118-SG1DL

Tgt Ion: 49 Resp: 149830
Ion Ratio Lower Upper
49 100
128 46.3 23.6 71.0
130 58.9 30.3 90.8

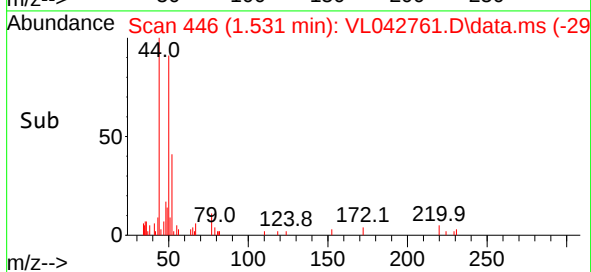
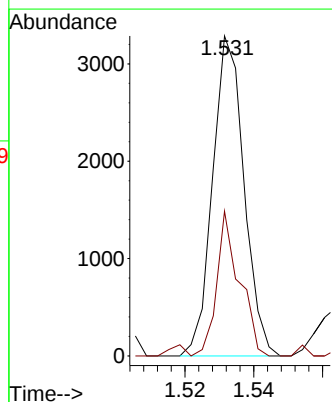
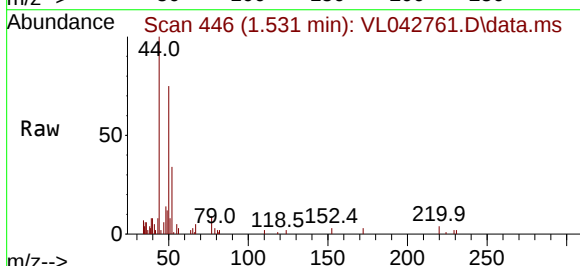
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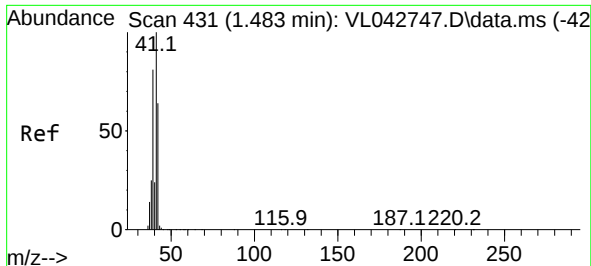
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#4
Chloromethane
Concen: 0.260 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042761.D
Acq: 24 Jul 2025 12:14

Tgt Ion: 50 Resp: 2085
Ion Ratio Lower Upper
50 100
52 41.0 26.6 40.0#





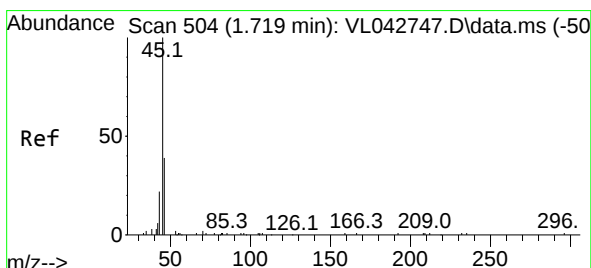
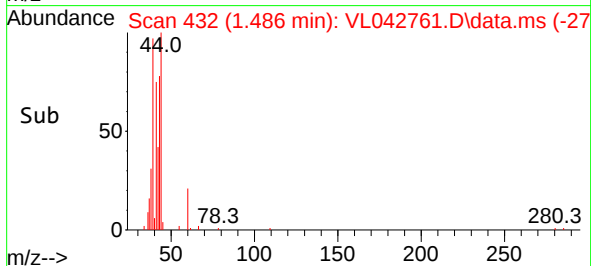
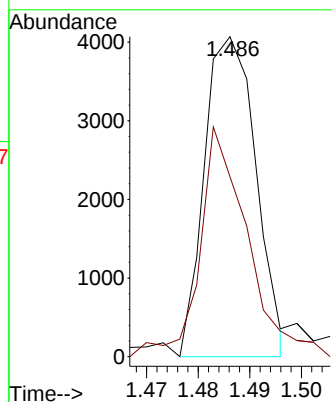
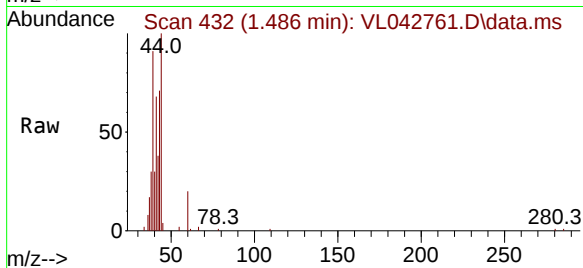
#9
Propene
Concen: 0.301 ppbv
RT: 1.486 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042761.D
Acq: 24 Jul 2025 12:14

Instrument :
MSVOA_L
ClientSampleId :
118-SG1DL

Tgt Ion: 41 Resp: 282
Ion Ratio Lower Upper
41 100
42 70.6 53.2 79.8

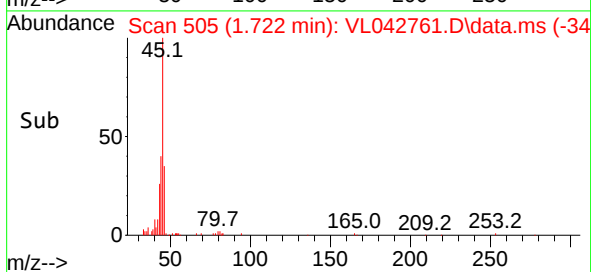
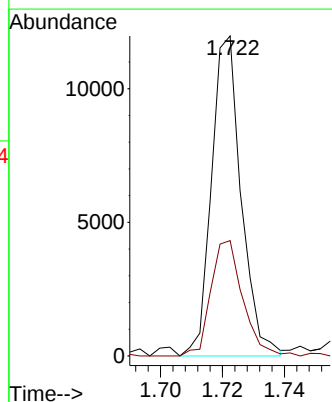
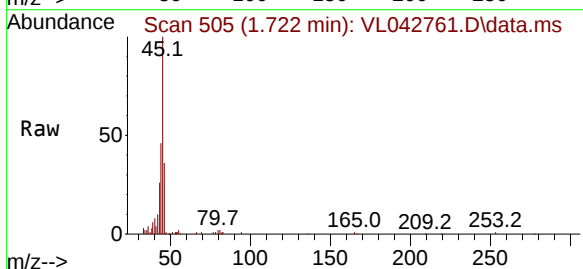
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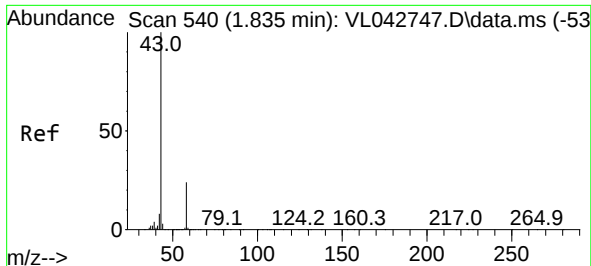
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#13
Ethanol
Concen: 10.501 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042761.D
Acq: 24 Jul 2025 12:14

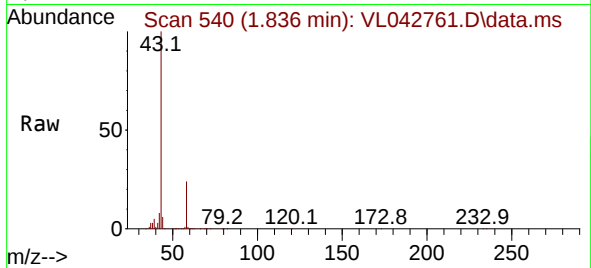
Tgt Ion: 45 Resp: 7958
Ion Ratio Lower Upper
45 100
46 0.0 17.8 71.4#





#15
Acetone
Concen: 4.709 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042761.D
Acq: 24 Jul 2025 12:14

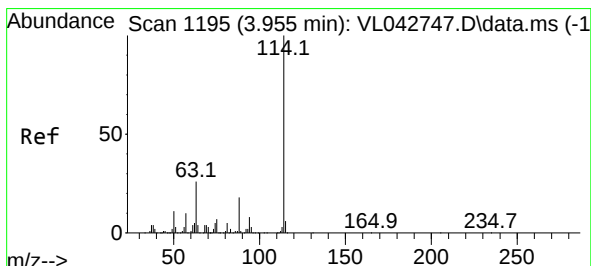
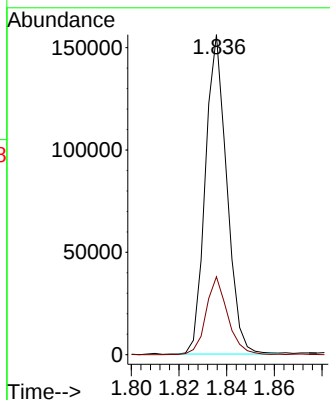
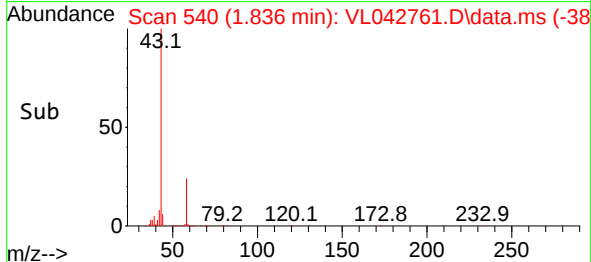
Instrument :
MSVOA_L
ClientSampleId :
118-SG1DL



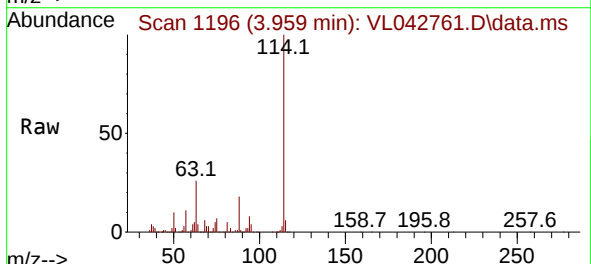
Tgt Ion: 43 Resp: 97420
Ion Ratio Lower Upper
43 100
58 25.2 19.8 29.8

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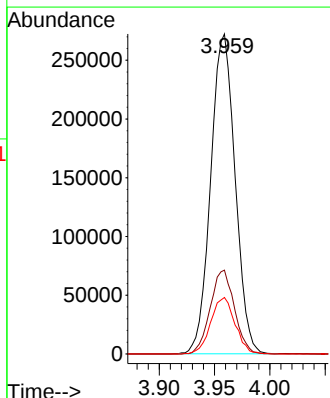
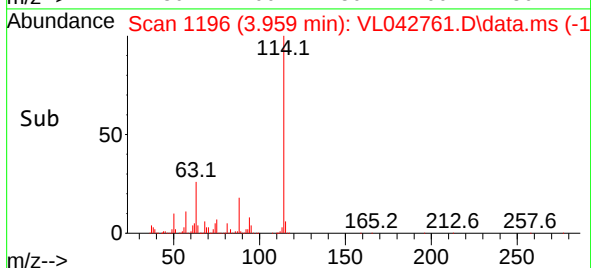
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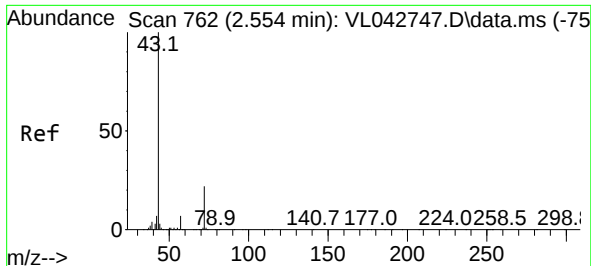


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.004 min
Lab File: VL042761.D
Acq: 24 Jul 2025 12:14



Tgt Ion:114 Resp: 418114
Ion Ratio Lower Upper
114 100
63 26.0 20.5 30.7
88 17.6 14.0 21.0





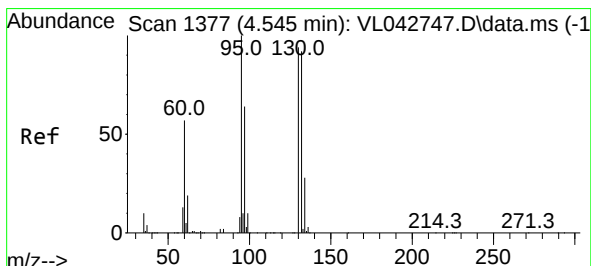
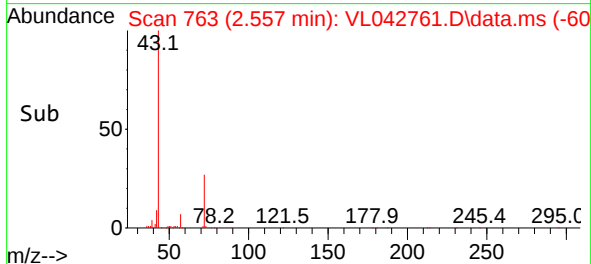
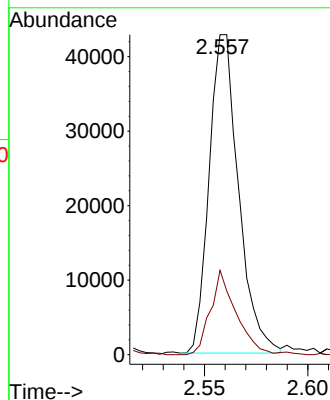
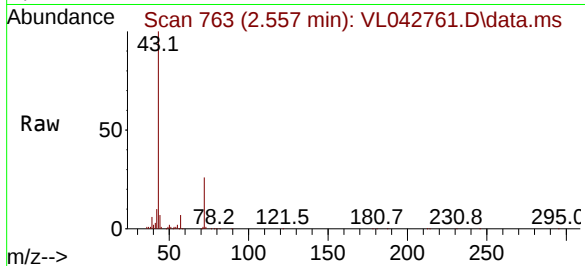
#34
2-Butanone
Concen: 1.430 ppbv
RT: 2.557 min Scan# 763
Delta R.T. 0.003 min
Lab File: VL042761.D
Acq: 24 Jul 2025 12:14

Instrument :
MSVOA_L
ClientSampleId :
118-SG1DL

Tgt Ion: 43 Resp: 4235
Ion Ratio Lower Upper
43 100
72 23.5 17.4 26.0

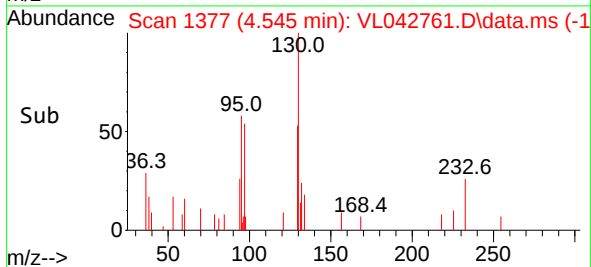
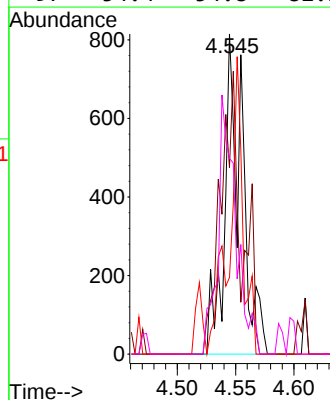
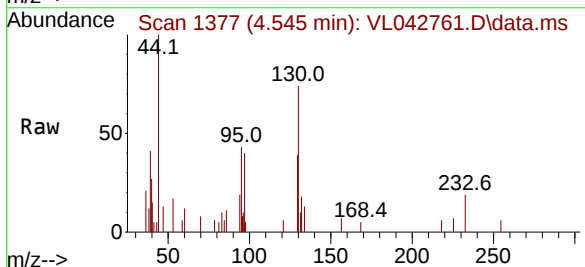
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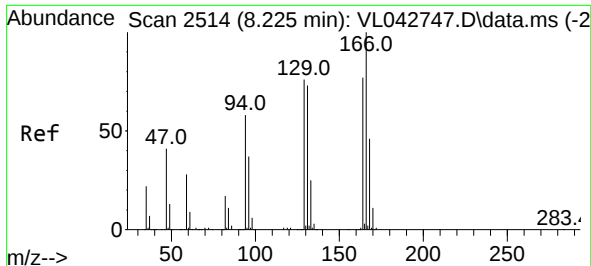
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#38
Trichloroethene
Concen: 0.045 ppbv m
RT: 4.545 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VL042761.D
Acq: 24 Jul 2025 12:14

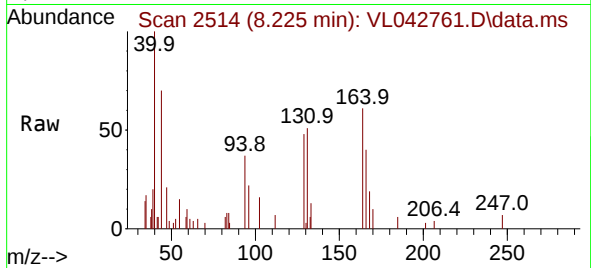
Tgt Ion:130 Resp: 860
Ion Ratio Lower Upper
130 100
95 58.3 85.4 128.2#
132 23.9 78.2 117.2#
97 54.4 54.8 82.2#





#52
Tetrachloroethene
Concen: 0.085 ppbv m
RT: 8.225 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VL042761.D
Acq: 24 Jul 2025 12:14

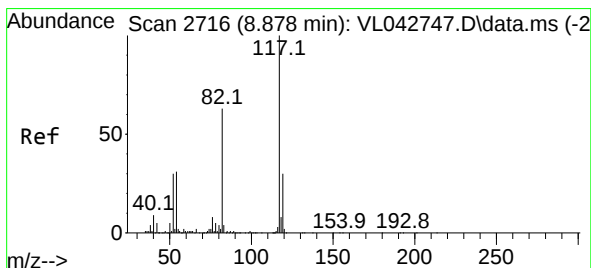
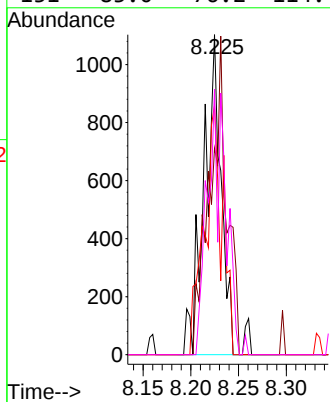
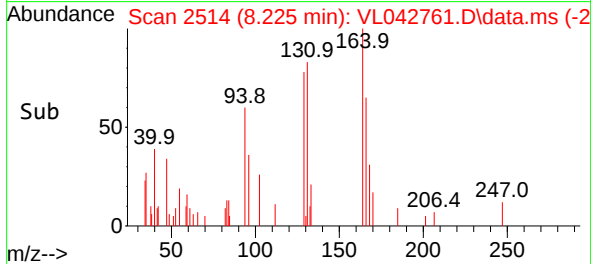
Instrument :
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ClientSampleId :
118-SG1DL



Tgt Ion:164 Resp: 1390
Ion Ratio Lower Upper
164 100
166 64.6 104.0 156.0
129 77.9 79.2 118.8
131 83.0 76.2 114.4

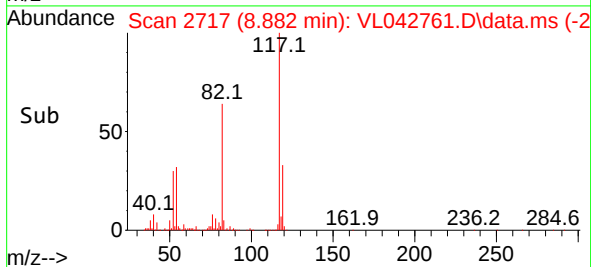
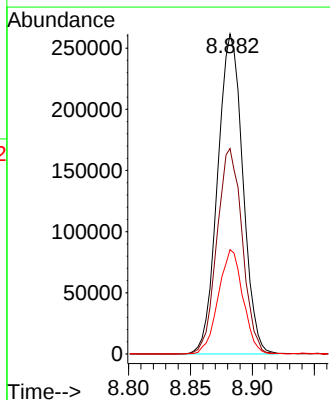
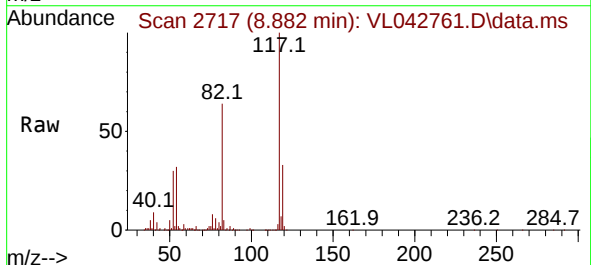
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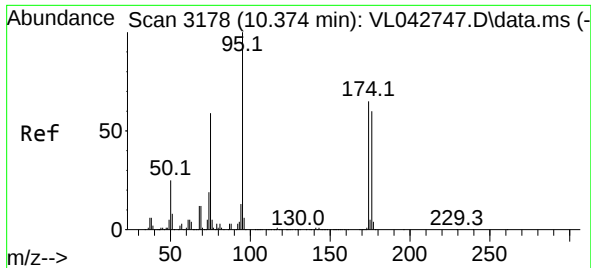
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. 0.003 min
Lab File: VL042761.D
Acq: 24 Jul 2025 12:14

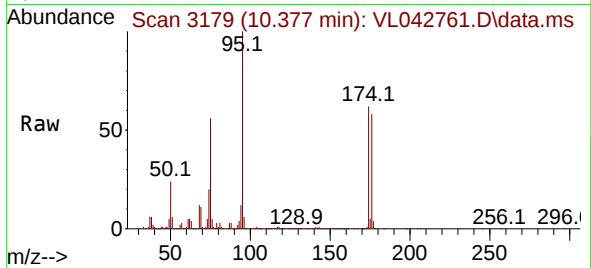
Tgt Ion:117 Resp: 370590
Ion Ratio Lower Upper
117 100
82 64.7 53.3 79.9
119 32.0 25.8 38.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.930 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.003 min
 Lab File: VL042761.D
 Acq: 24 Jul 2025 12:14

Instrument :
 MSVOA_L
 ClientSampleId :
 118-SG1DL



Tgt Ion: 95 Resp: 291433
 Ion Ratio Lower Upper
 95 100
 174 65.0 53.8 80.6
 175 5.0 4.0 6.0

Manual Integrations
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