

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042820.D
 Acq On : 04 Aug 2025 23:38
 Operator : SY/MD
 Sample : Q2750-09DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-10DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/05/2025
 Supervised By : Mahesh Dadoda 08/05/2025

Quant Time: Aug 05 01:15:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 05 01:15:18 2025
 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	142414	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	363823	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	316195	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	239599	9.568	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.700%
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	1.476	51	11181	0.456	ppbv	96
9) Propene	1.489	41	45448m	5.098	ppbv	
13) Ethanol	1.722	45	37632	56.823	ppbv	88
15) Acetone	1.835	43	15940	0.811	ppbv	95
19) Isopropyl Alcohol	1.887	45	298627	28.576	ppbv #	40
20) Methylene Chloride	2.065	84	1818	0.293	ppbv #	64

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

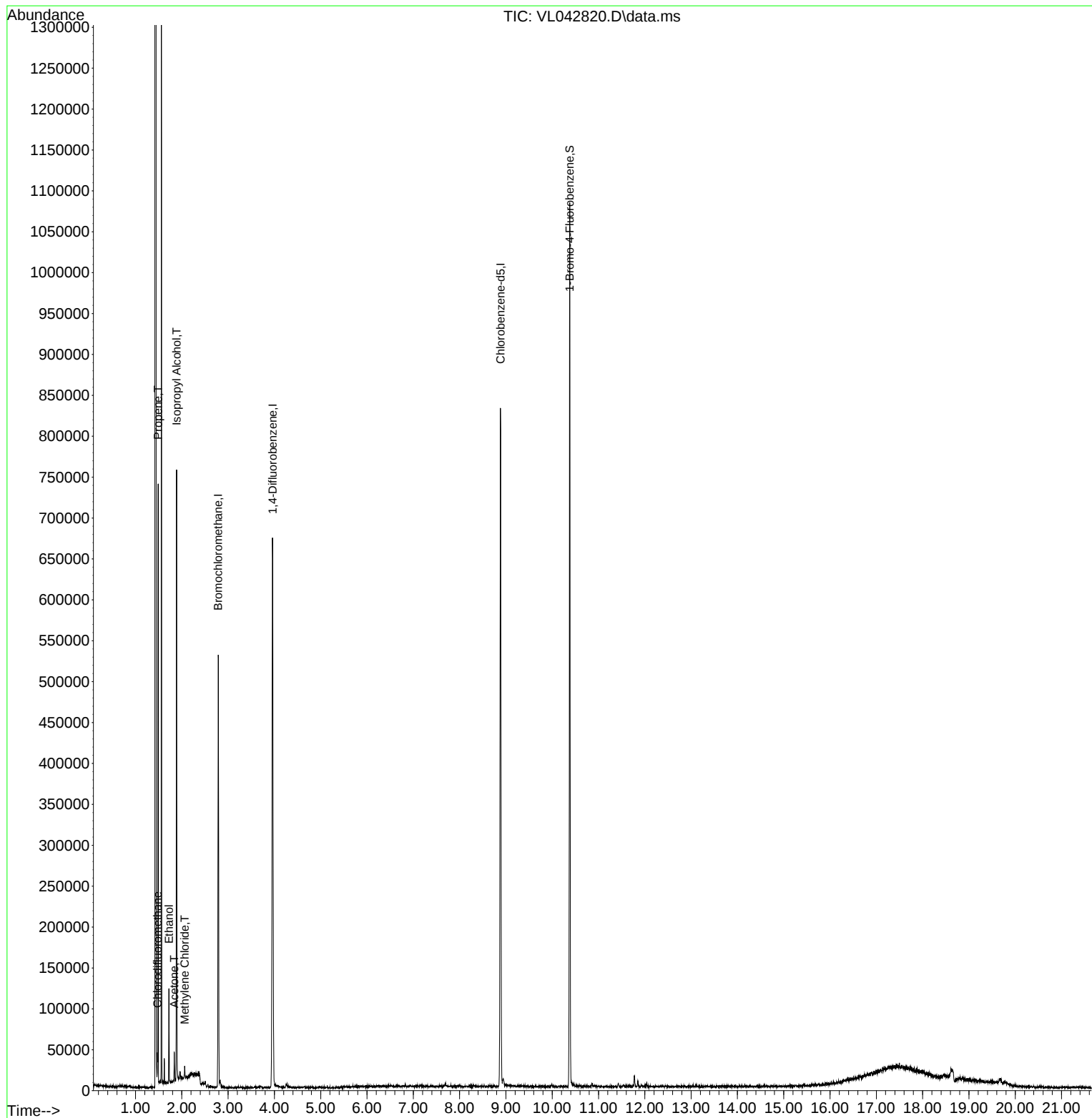
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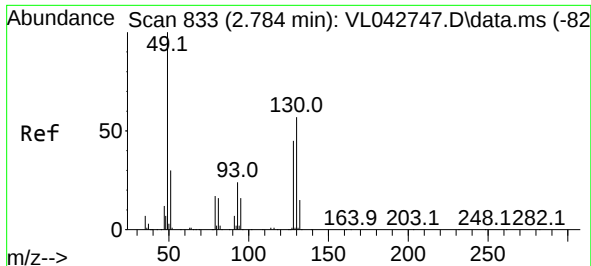
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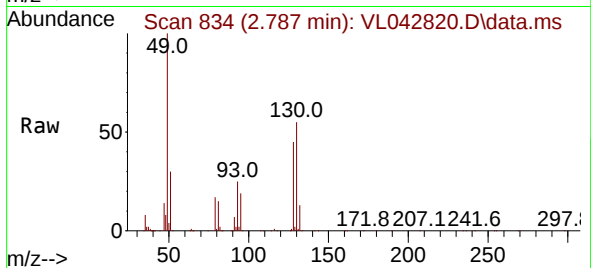
Reviewed By : Semsettin Yesilyurt 08/05/2025
Supervised By : Mahesh Dadoda 08/05/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 833
Delta R.T. 0.003 min
Lab File: VL042820.D
Acq: 04 Aug 2025 23:38

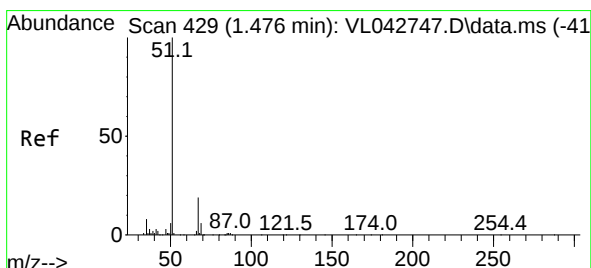
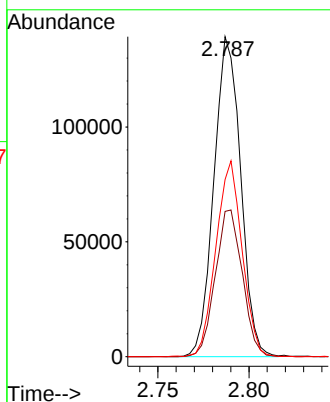
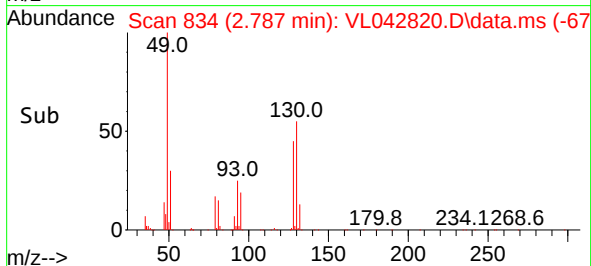
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-10DL



Tgt Ion: 49 Resp: 142414
Ion Ratio Lower Upper
49 100
128 46.3 23.6 71.0
130 60.0 30.3 90.8

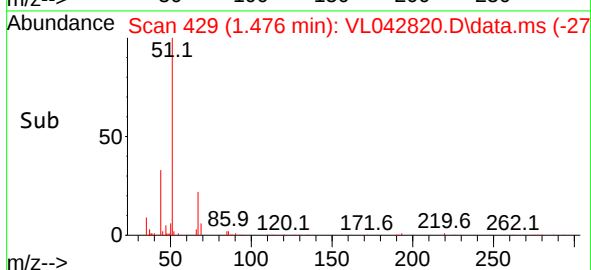
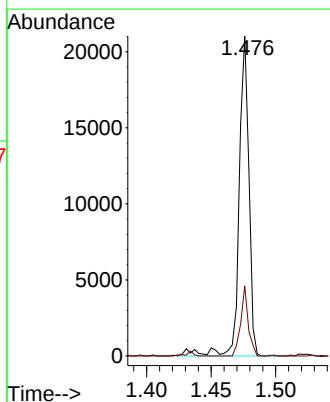
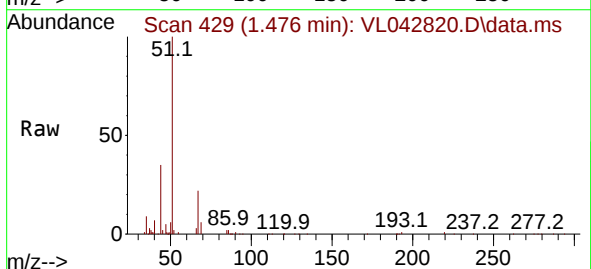
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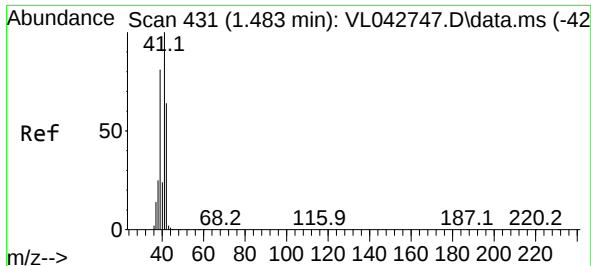
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#3
Chlorodifluoromethane
Concen: 0.456 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL042820.D
Acq: 04 Aug 2025 23:38

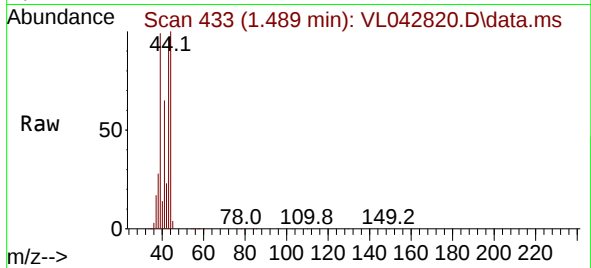
Tgt Ion: 51 Resp: 11181
Ion Ratio Lower Upper
51 100
67 16.9 15.0 22.6





#9
 Propene
 Concen: 5.098 ppbv m
 RT: 1.489 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL042820.D
 Acq: 04 Aug 2025 23:38

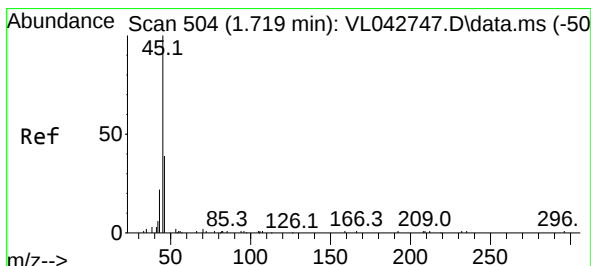
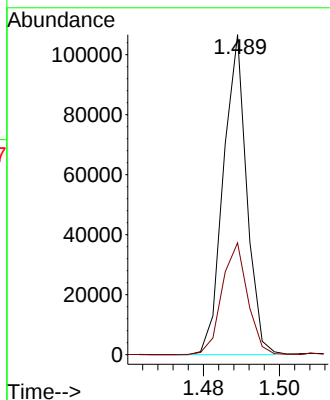
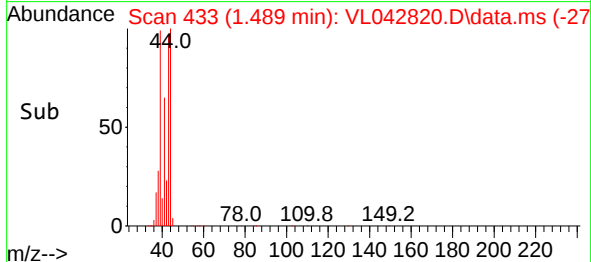
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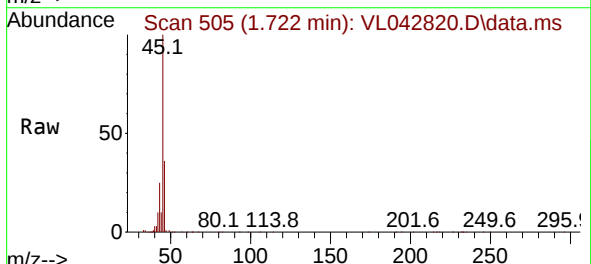
Tgt Ion: 41 Resp: 4544
 Ion Ratio Lower Upper
 41 100
 42 282.3 53.2 79.8

Manual Integrations
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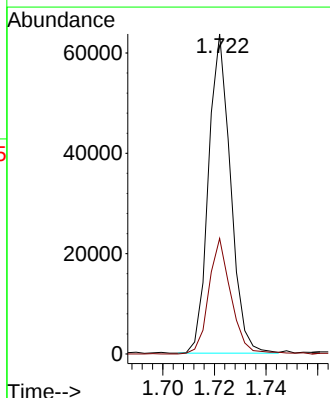
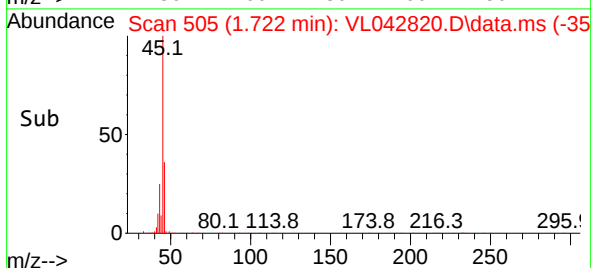
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 Supervised By :Mahesh Dadoda 08/05/2025

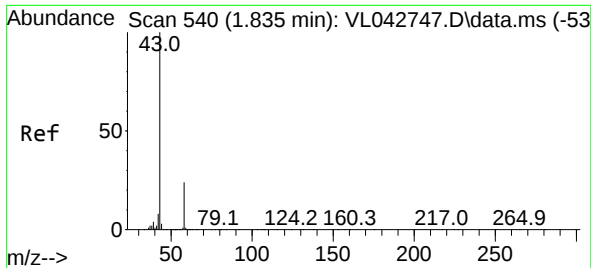


#13
 Ethanol
 Concen: 56.823 ppbv
 RT: 1.722 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: VL042820.D
 Acq: 04 Aug 2025 23:38



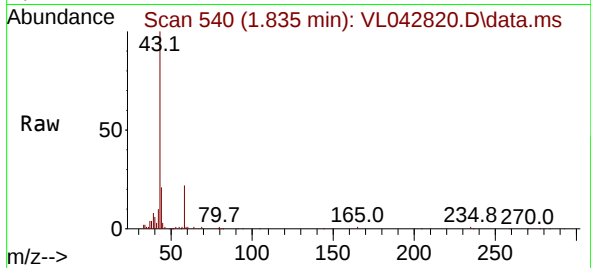
Tgt Ion: 45 Resp: 37632
 Ion Ratio Lower Upper
 45 100
 46 37.0 17.8 71.4





#15
Acetone
Concen: 0.811 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042820.D
Acq: 04 Aug 2025 23:38

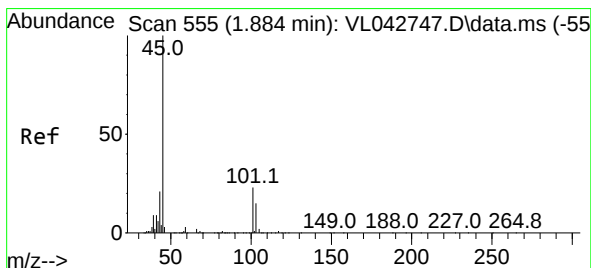
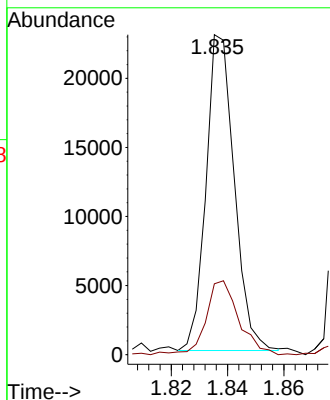
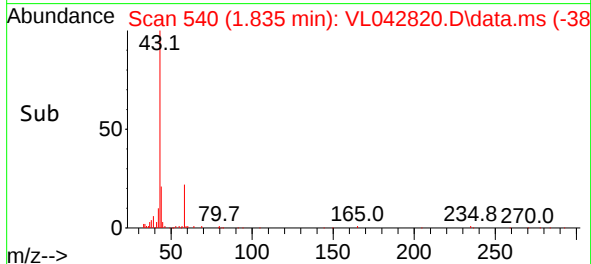
Instrument :
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WONDER IA-10DL



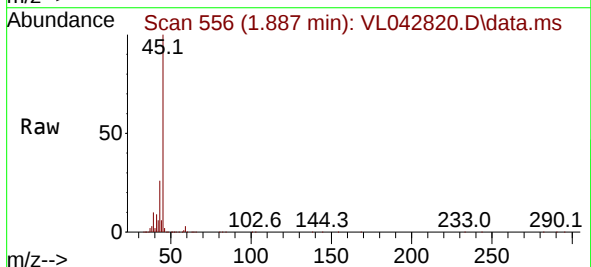
Tgt Ion: 43 Resp: 15940
Ion Ratio Lower Upper
43 100
58 27.3 19.8 29.8

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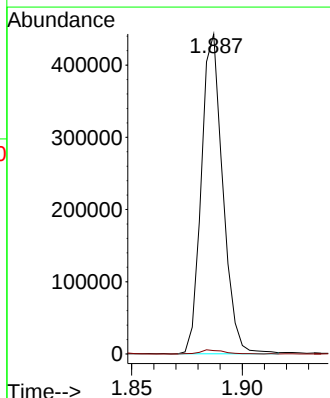
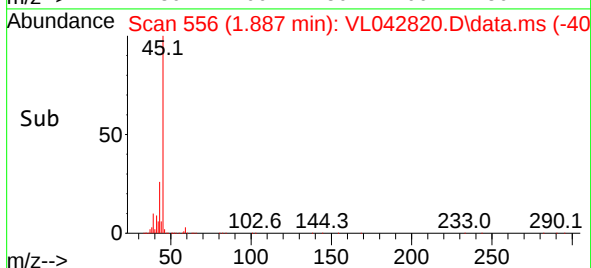
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

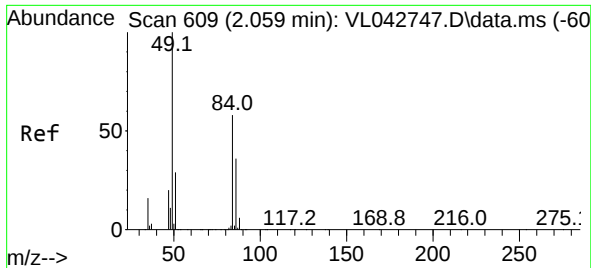


#19
Isopropyl Alcohol
Concen: 28.576 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.003 min
Lab File: VL042820.D
Acq: 04 Aug 2025 23:38



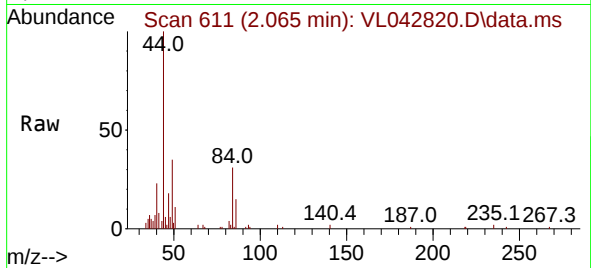
Tgt Ion: 45 Resp: 298627
Ion Ratio Lower Upper
45 100
58 1.5 30.0 45.0#





#20
Methylene Chloride
Concen: 0.293 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL042820.D
Acq: 04 Aug 2025 23:38

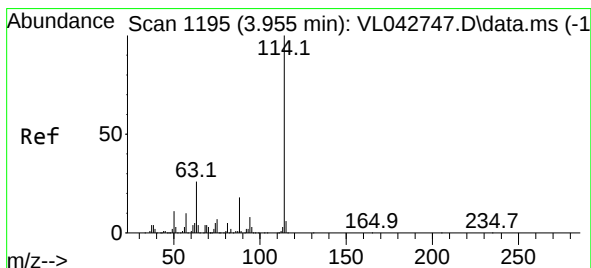
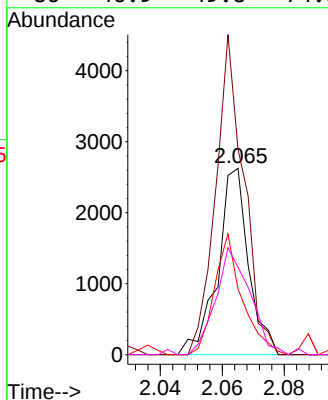
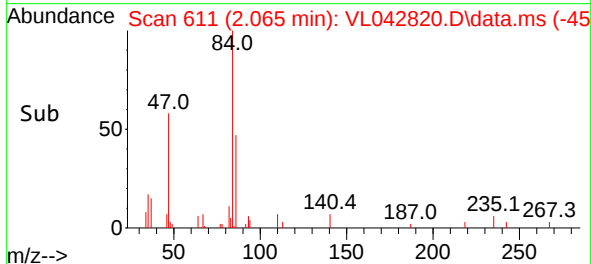
Instrument :
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Tgt Ion: 84 Resp: 1818
Ion Ratio Lower Upper
84 100
49 110.0 138.6 208.0
51 35.3 40.6 61.0
86 46.9 49.8 74.8

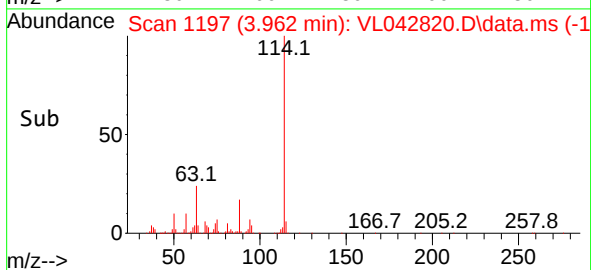
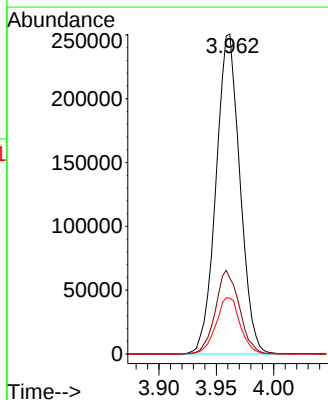
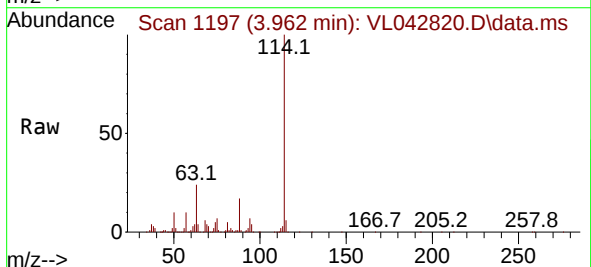
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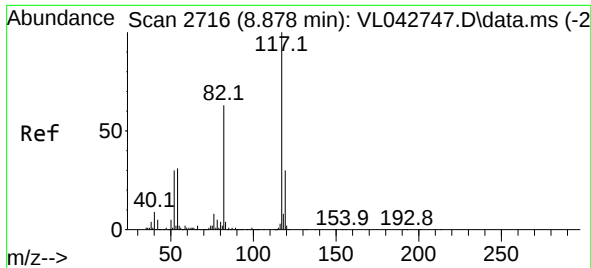
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.006 min
Lab File: VL042820.D
Acq: 04 Aug 2025 23:38

Tgt Ion:114 Resp: 363823
Ion Ratio Lower Upper
114 100
63 26.2 20.5 30.7
88 17.8 14.0 21.0





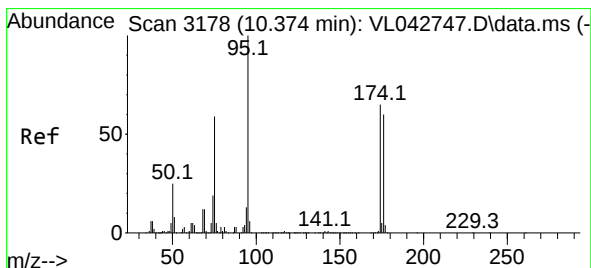
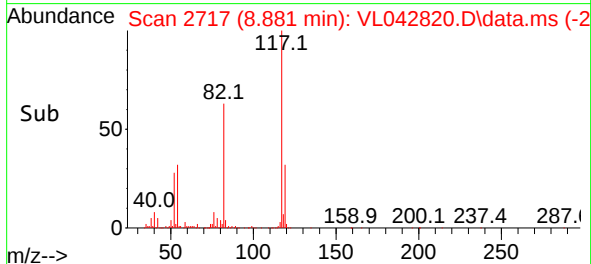
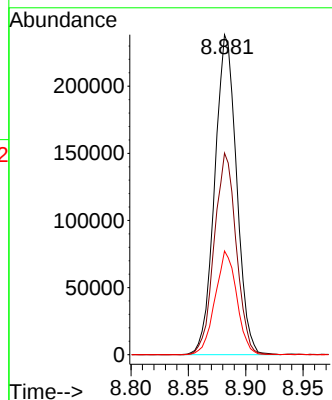
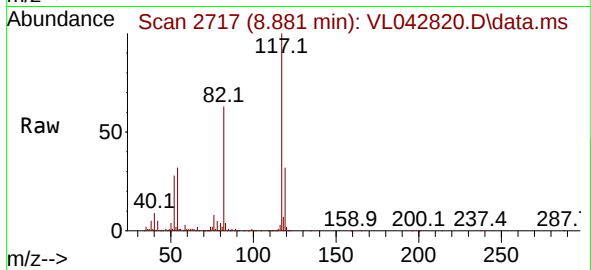
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.881 min Scan# 2717
Delta R.T. 0.003 min
Lab File: VL042820.D
Acq: 04 Aug 2025 23:38

Instrument :
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ClientSampleId :
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Tgt Ion: 117 Resp: 31619
Ion Ratio Lower Upper
117 100
82 63.3 53.3 79.9
119 32.3 25.8 38.6

Manual Integrations
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Supervised By :Mahesh Dadoda 08/05/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 9.568 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.003 min
Lab File: VL042820.D
Acq: 04 Aug 2025 23:38

Tgt Ion: 95 Resp: 239599
Ion Ratio Lower Upper
95 100
174 64.9 53.8 80.6
175 4.7 4.0 6.0

