

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042817.D
 Acq On : 04 Aug 2025 21:57
 Operator : SY/MD
 Sample : Q2750-06DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-7DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 01:13:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 5
 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	149464	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	378209	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	324186	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	253708	9.882	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	1.473	51	109538	4.255	ppbv	99
9) Propene	1.486	41	9371m	1.002	ppbv	
13) Ethanol	1.722	45	223366	326.729	ppbv	89
15) Acetone	1.835	43	166487	8.067	ppbv	99
19) Isopropyl Alcohol	1.894	45	4596186	419.069	ppbv #	40
20) Methylene Chloride	2.065	84	2281	0.351	ppbv #	40

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

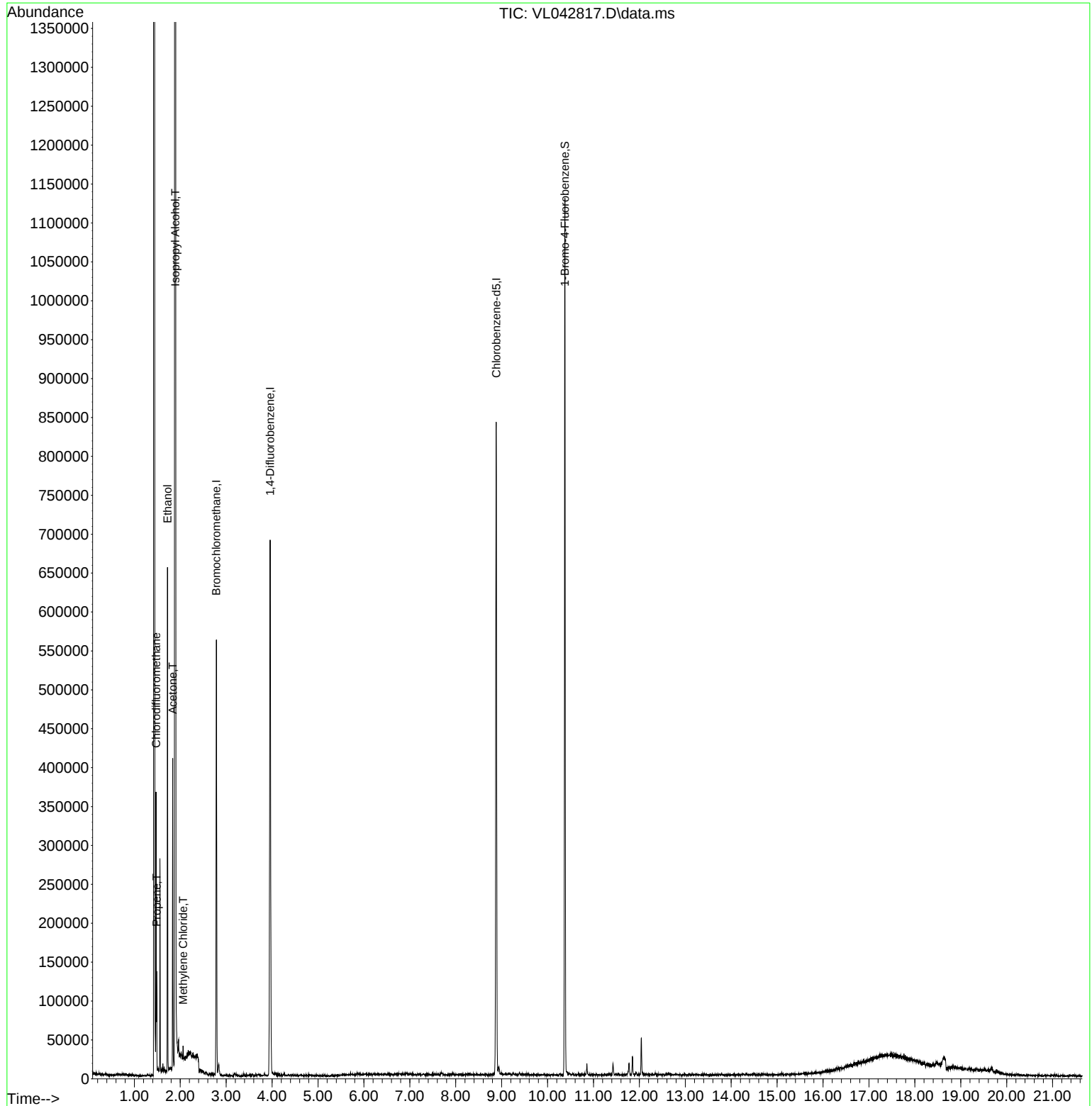
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
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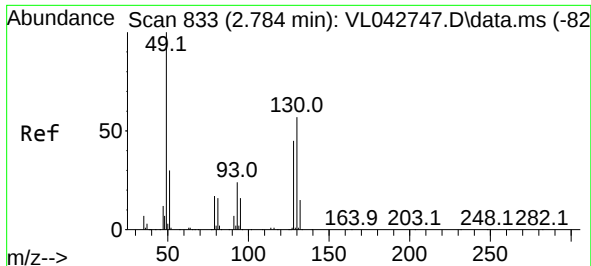
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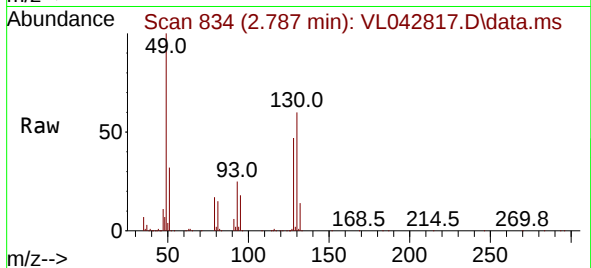
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042817.D
Acq: 04 Aug 2025 21:57

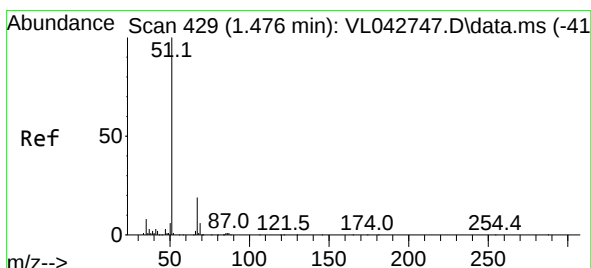
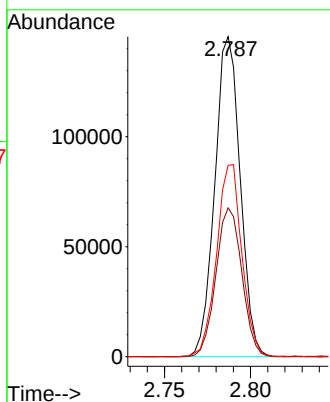
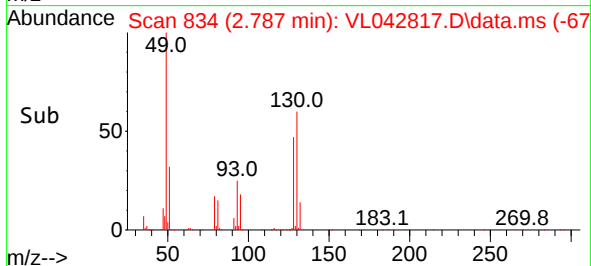
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-7DL



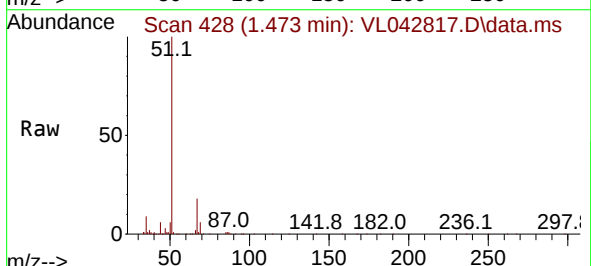
Tgt Ion: 49 Resp: 149464
Ion Ratio Lower Upper
49 100
128 47.4 23.6 71.0
130 59.8 30.3 90.8

Manual Integrations
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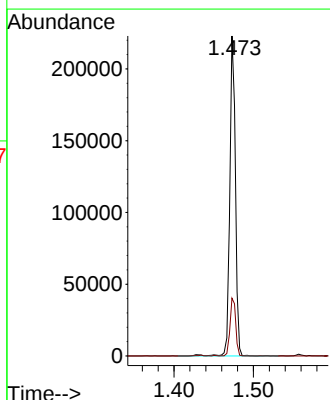
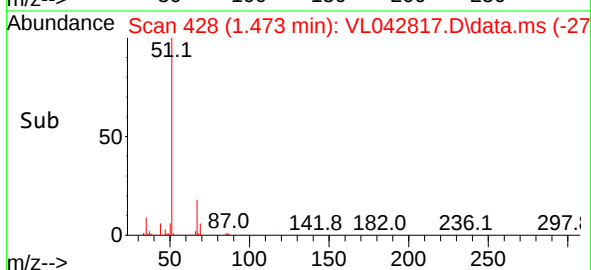
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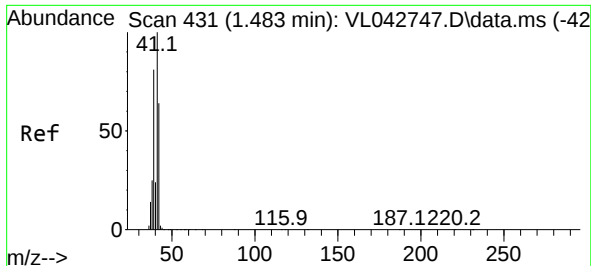


#3
Chlorodifluoromethane
Concen: 4.255 ppbv
RT: 1.473 min Scan# 428
Delta R.T. -0.003 min
Lab File: VL042817.D
Acq: 04 Aug 2025 21:57



Tgt Ion: 51 Resp: 109538
Ion Ratio Lower Upper
51 100
67 18.4 15.0 22.6





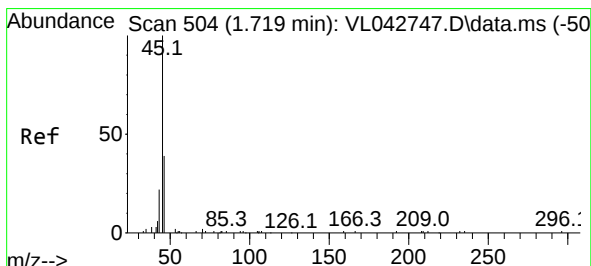
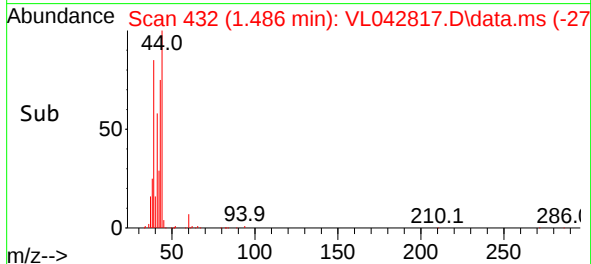
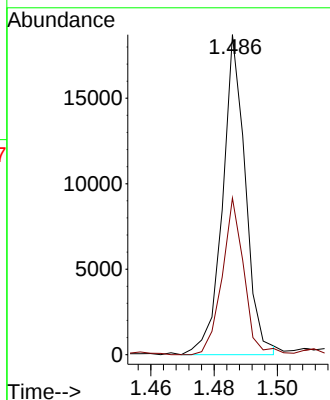
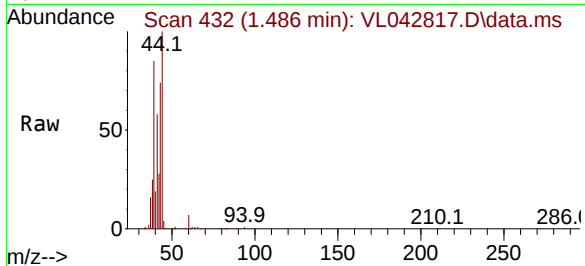
#9
 Propene
 Concen: 1.002 ppbv m
 RT: 1.486 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042817.D
 Acq: 04 Aug 2025 21:57

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 41 Resp: 937
 Ion Ratio Lower Upper
 41 100
 42 254.2 53.2 79.8

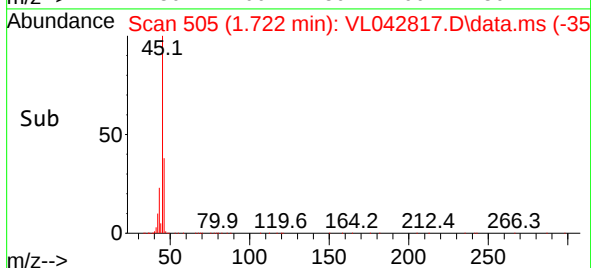
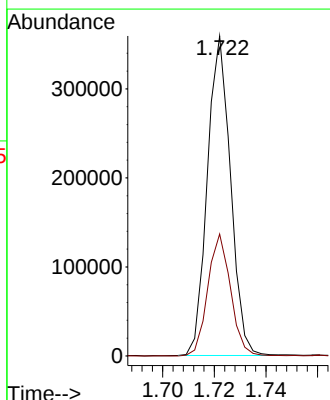
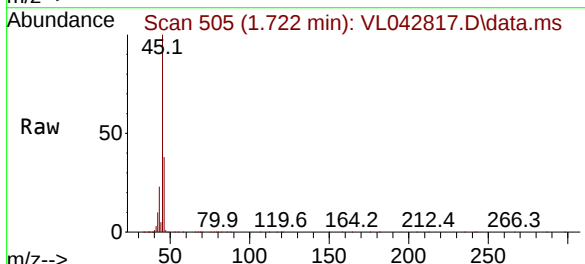
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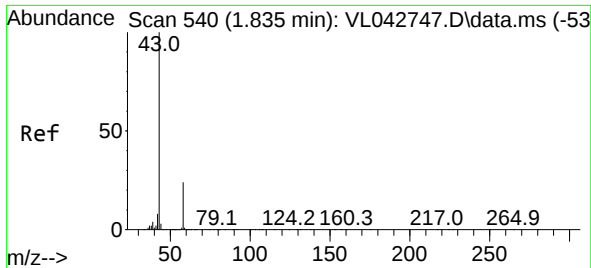
Reviewed By :Semsettin Yesilyurt 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025



#13
 Ethanol
 Concen: 326.729 ppbv
 RT: 1.722 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: VL042817.D
 Acq: 04 Aug 2025 21:57

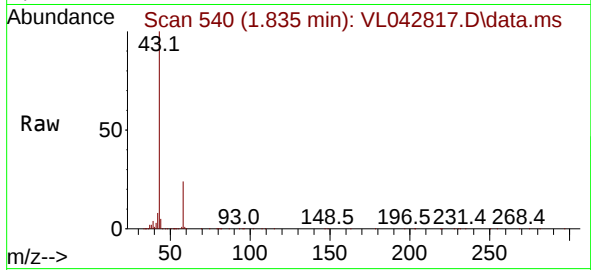
Tgt Ion: 45 Resp: 223366
 Ion Ratio Lower Upper
 45 100
 46 37.7 17.8 71.4





#15
Acetone
Concen: 8.067 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042817.D
Acq: 04 Aug 2025 21:57

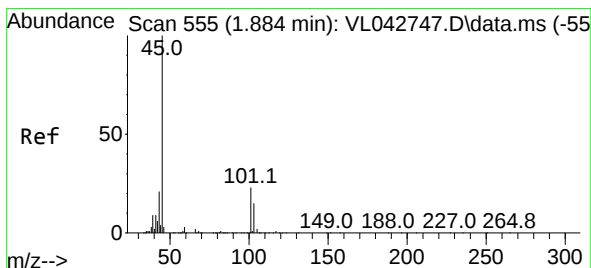
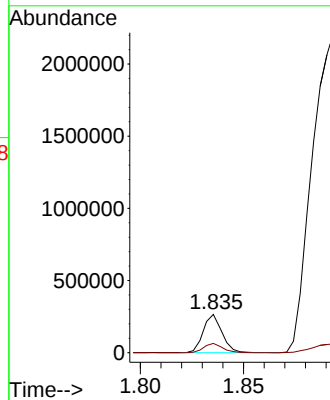
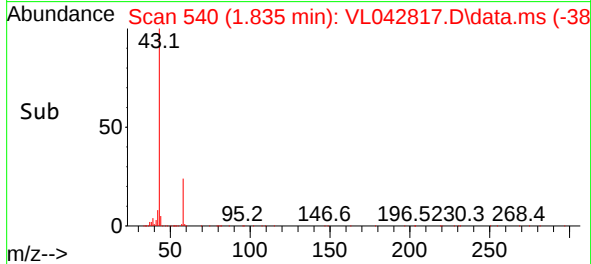
Instrument :
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ClientSampleId :
WONDER IA-7DL



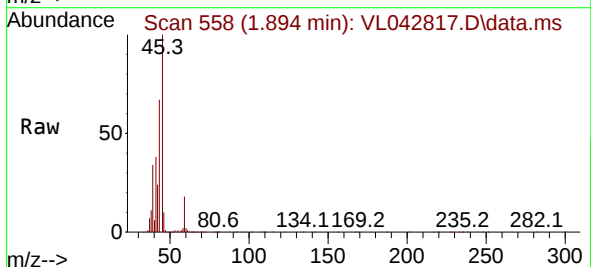
Tgt Ion: 43 Resp: 16648
Ion Ratio Lower Upper
43 100
58 24.3 19.8 29.8

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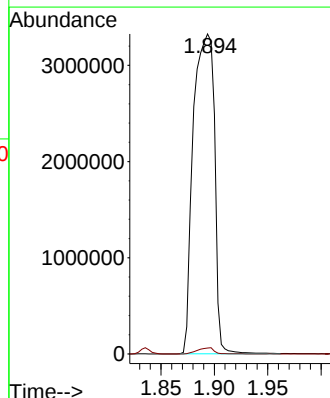
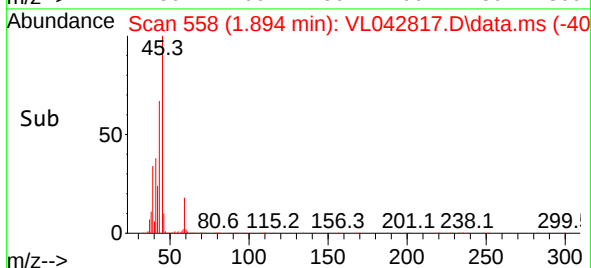
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Supervised By :Mahesh Dadoda 08/05/2025

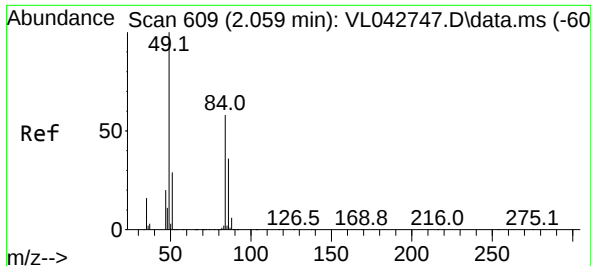


#19
Isopropyl Alcohol
Concen: 419.069 ppbv
RT: 1.894 min Scan# 558
Delta R.T. 0.010 min
Lab File: VL042817.D
Acq: 04 Aug 2025 21:57



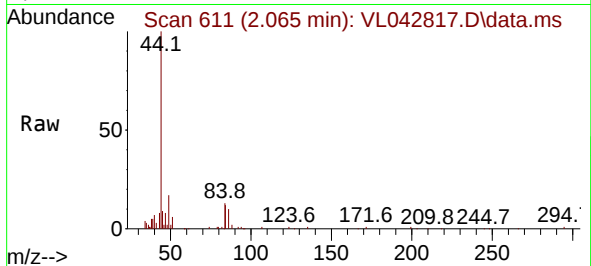
Tgt Ion: 45 Resp: 4596186
Ion Ratio Lower Upper
45 100
58 1.6 30.0 45.0#





#20
Methylene Chloride
Concen: 0.351 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL042817.D
Acq: 04 Aug 2025 21:57

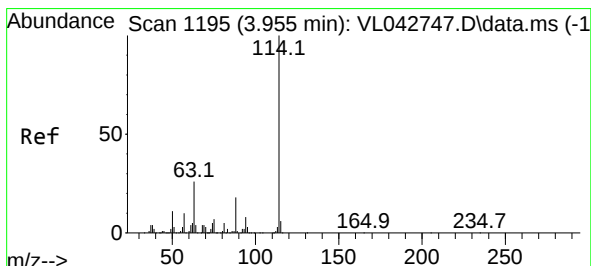
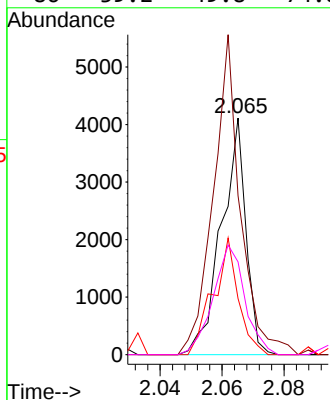
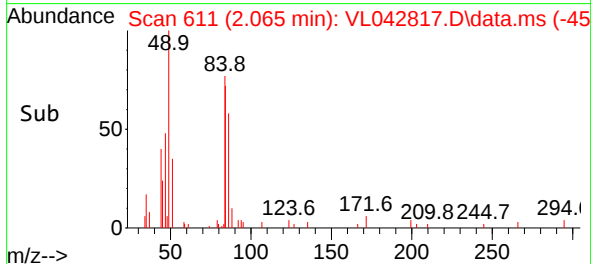
Instrument :
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Tgt Ion: 84 Resp: 228
Ion Ratio Lower Upper
84 100
49 67.3 138.6 208.0
51 23.7 40.6 61.0
86 39.2 49.8 74.8

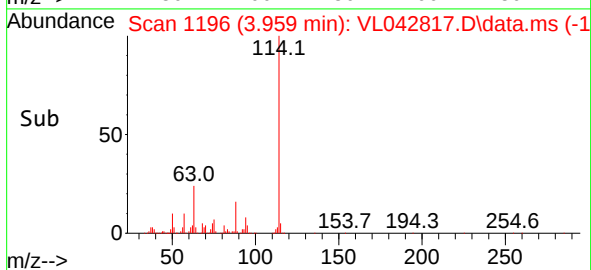
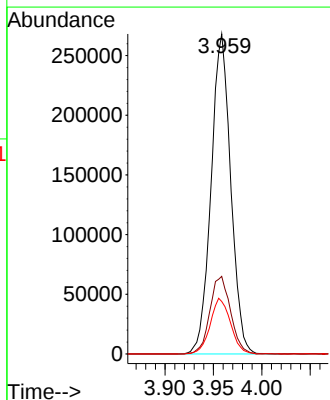
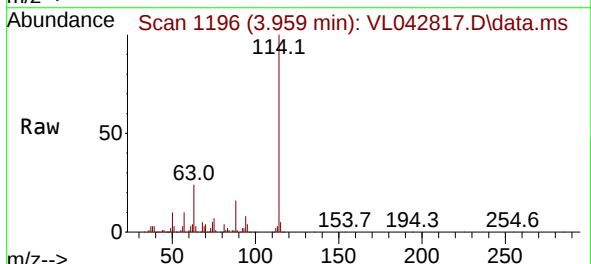
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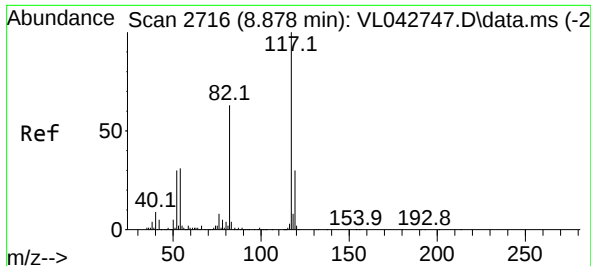
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.003 min
Lab File: VL042817.D
Acq: 04 Aug 2025 21:57

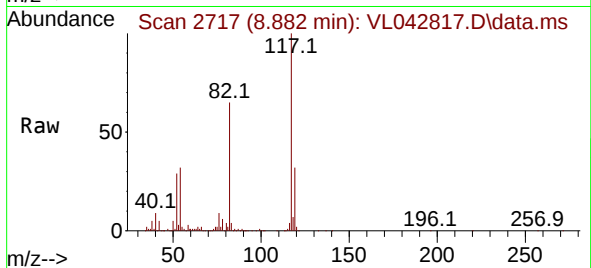
Tgt Ion:114 Resp: 378209
Ion Ratio Lower Upper
114 100
63 25.7 20.5 30.7
88 18.0 14.0 21.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. 0.003 min
Lab File: VL042817.D
Acq: 04 Aug 2025 21:57

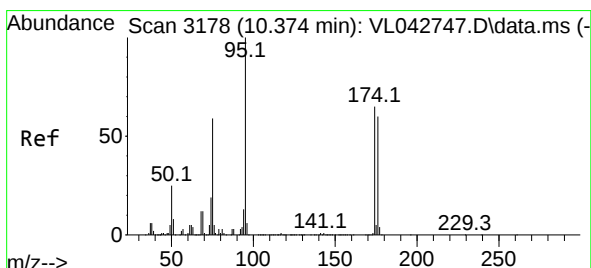
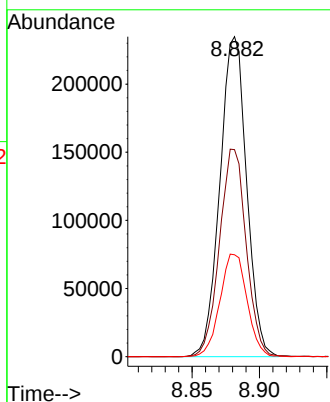
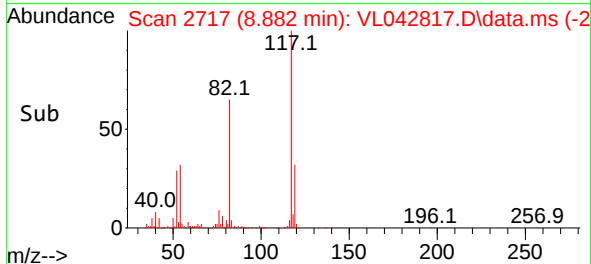
Instrument :
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ClientSampleId :
WONDER IA-7DL



Tgt Ion: 117 Resp: 324180
Ion Ratio Lower Upper
117 100
82 64.9 53.3 79.9
119 32.6 25.8 38.6

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.882 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.003 min
Lab File: VL042817.D
Acq: 04 Aug 2025 21:57

Tgt Ion: 95 Resp: 253708
Ion Ratio Lower Upper
95 100
174 66.0 53.8 80.6
175 4.7 4.0 6.0

