

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042822.D
 Acq On : 05 Aug 2025 00:45
 Operator : SY/MD
 Sample : Q2750-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-3DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 03:20:05 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 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	146942	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	366115	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	315576	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	245322	9.816	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	1.476	51	133315	5.268	ppbv	100
9) Propene	1.489	41	10440m	1.135	ppbv	
13) Ethanol	1.722	45	247776	368.803	ppbv	89
15) Acetone	1.836	43	168914	8.325	ppbv	100
19) Isopropyl Alcohol	1.897	45	4808998	445.998	ppbv #	40
20) Methylene Chloride	2.065	84	1787	0.279	ppbv #	83

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

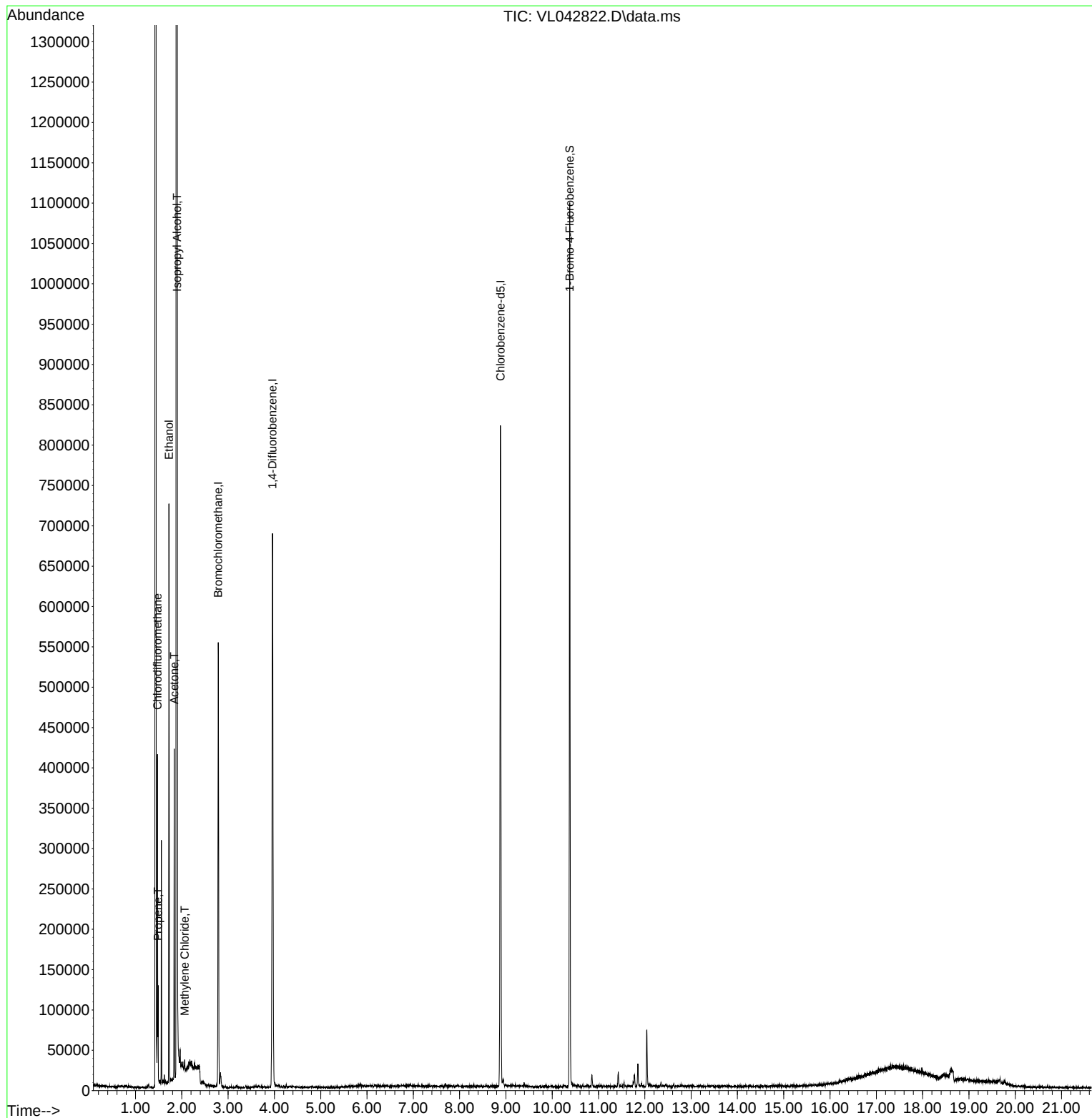
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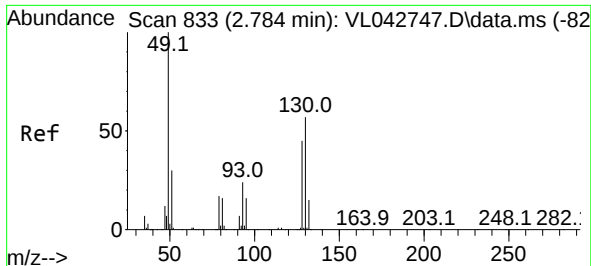
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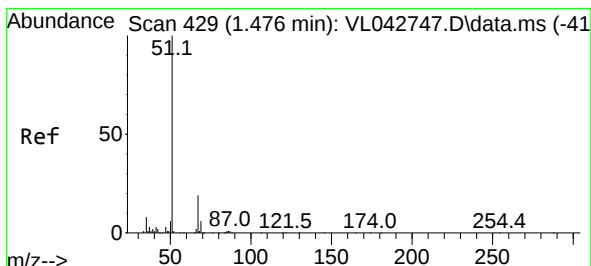
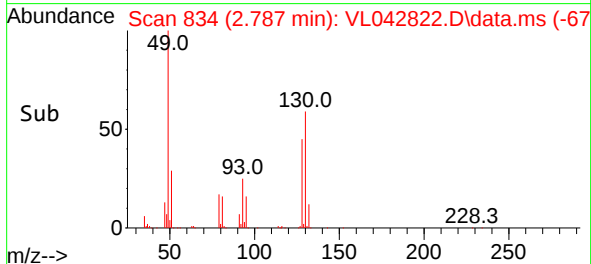
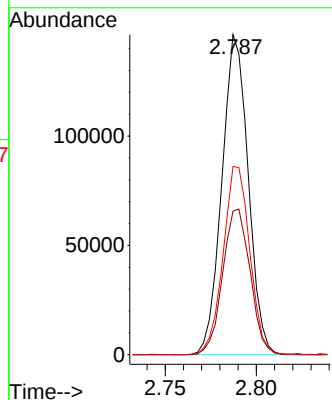
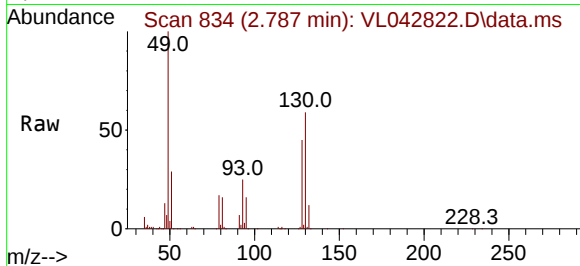
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042822.D
Acq: 05 Aug 2025 00:45

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-3DL

Tgt Ion: 49 Resp: 14694
Ion Ratio Lower Upper
49 100
128 47.5 23.6 71.0
130 59.6 30.3 90.8

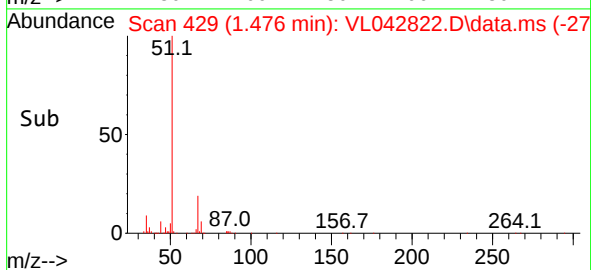
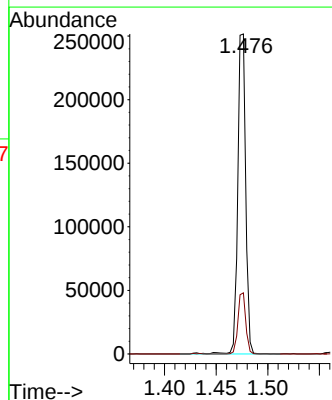
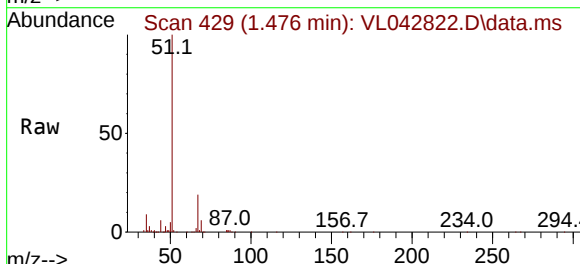
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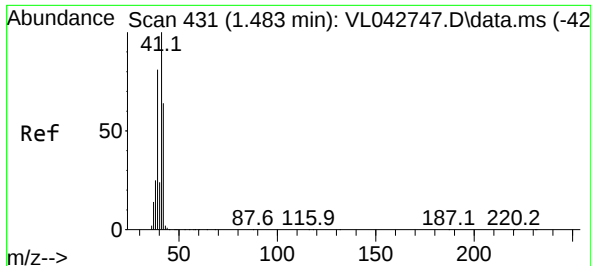
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#3
Chlorodifluoromethane
Concen: 5.268 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042822.D
Acq: 05 Aug 2025 00:45

Tgt Ion: 51 Resp: 133315
Ion Ratio Lower Upper
51 100
67 18.9 15.0 22.6





#9

Propene

Concen: 1.135 ppbv m

RT: 1.489 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL042822.D

Acq: 05 Aug 2025 00:45

Instrument :

MSVOA_L

ClientSampleId :

WONDER IA-3DL

Tgt Ion: 41 Resp: 10440

Ion Ratio Lower Upper

41 100

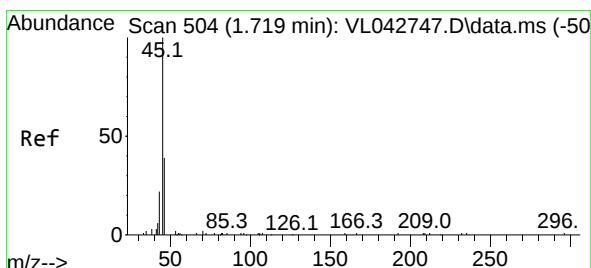
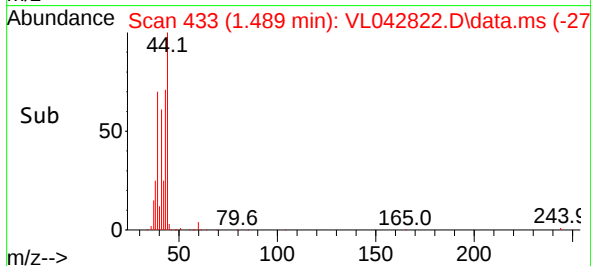
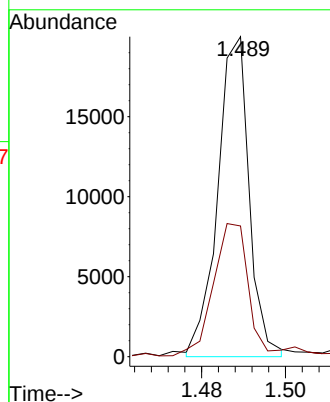
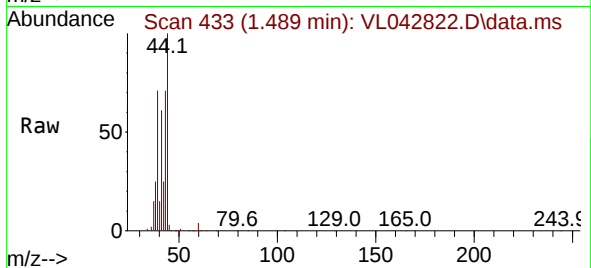
42 7850.5 53.2 79.8

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Supervised By :Mahesh Dadoda 08/05/2025



#13

Ethanol

Concen: 368.803 ppbv

RT: 1.722 min Scan# 505

Delta R.T. 0.003 min

Lab File: VL042822.D

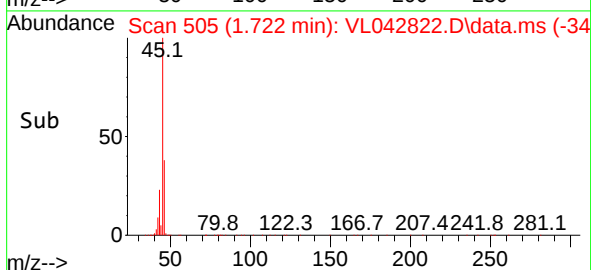
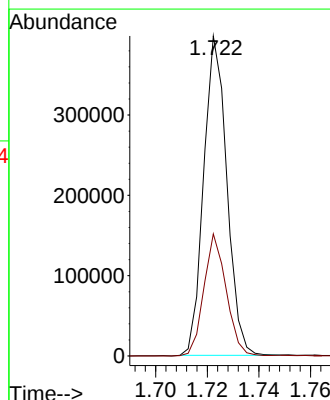
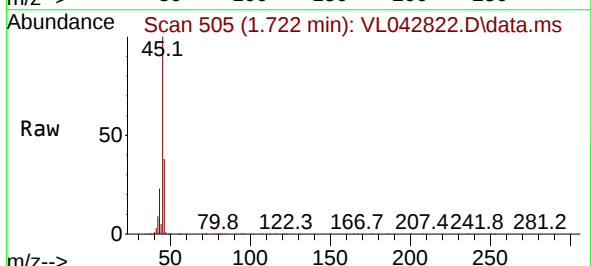
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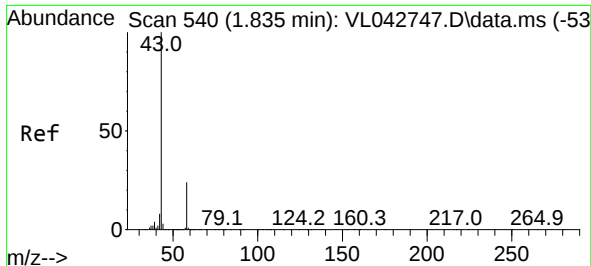
Tgt Ion: 45 Resp: 247776

Ion Ratio Lower Upper

45 100

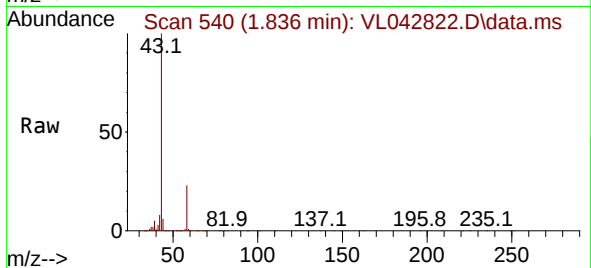
46 37.4 17.8 71.4





#15
Acetone
Concen: 8.325 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042822.D
Acq: 05 Aug 2025 00:45

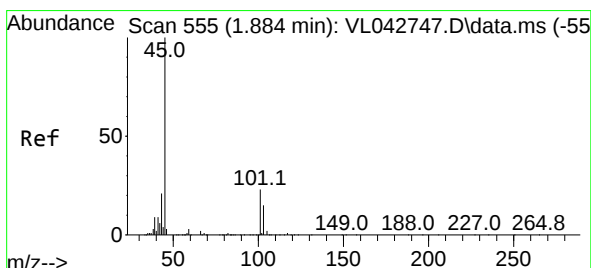
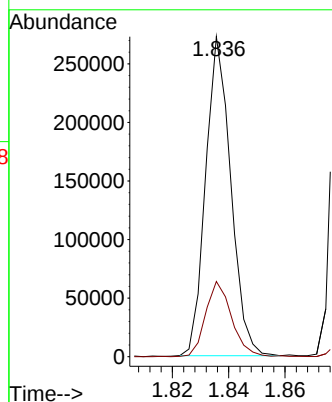
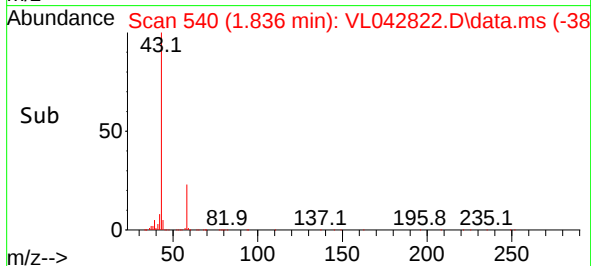
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-3DL



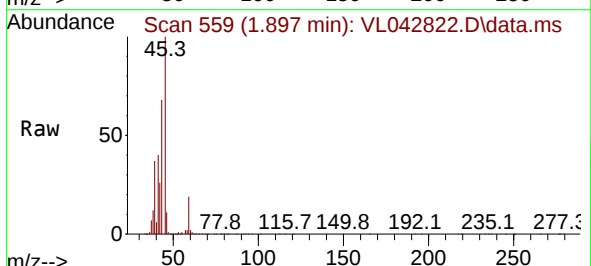
Tgt Ion: 43 Resp: 168914
Ion Ratio Lower Upper
43 100
58 24.6 19.8 29.8

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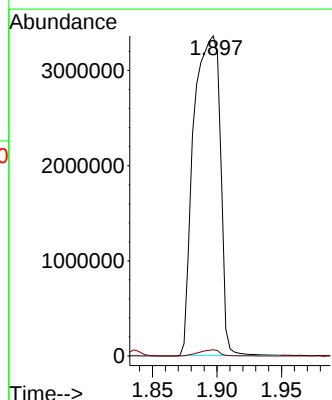
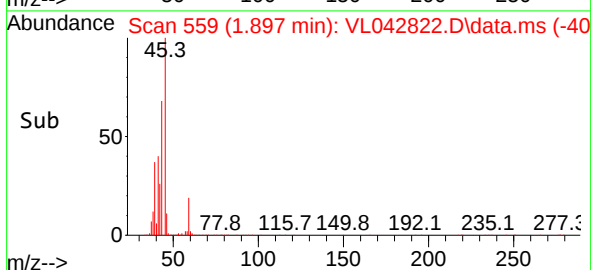
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

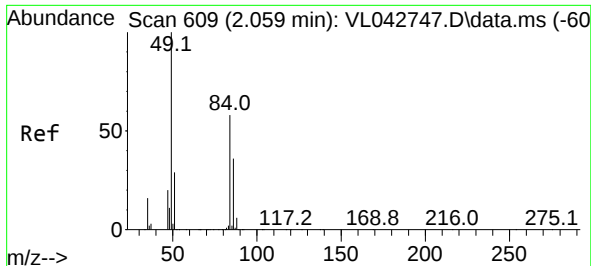


#19
Isopropyl Alcohol
Concen: 445.998 ppbv
RT: 1.897 min Scan# 559
Delta R.T. 0.013 min
Lab File: VL042822.D
Acq: 05 Aug 2025 00:45



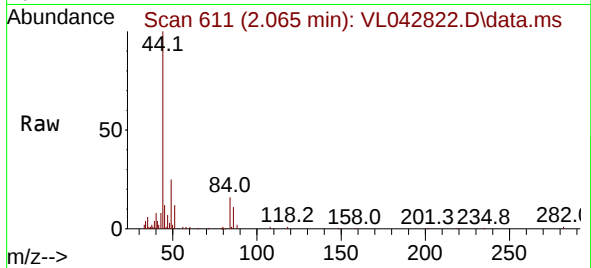
Tgt Ion: 45 Resp: 4808998
Ion Ratio Lower Upper
45 100
58 1.5 30.0 45.0#





#20
Methylene Chloride
Concen: 0.279 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042822.D
Acq: 05 Aug 2025 00:45

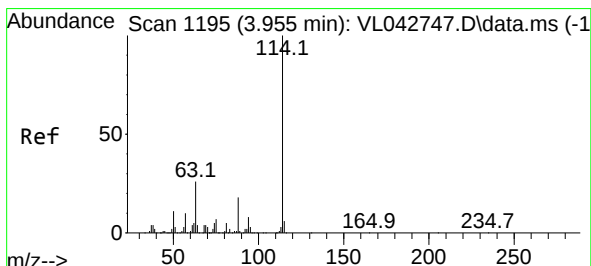
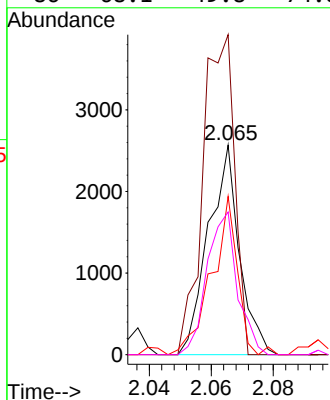
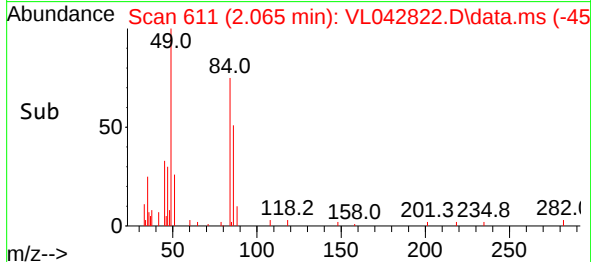
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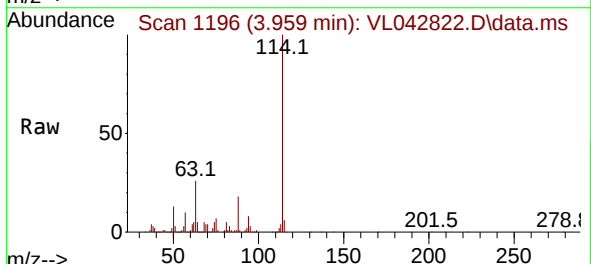
Tgt Ion: 84 Resp: 178
Ion Ratio Lower Upper
84 100
49 152.7 138.6 208.0
51 75.5 40.6 61.0
86 68.1 49.8 74.8

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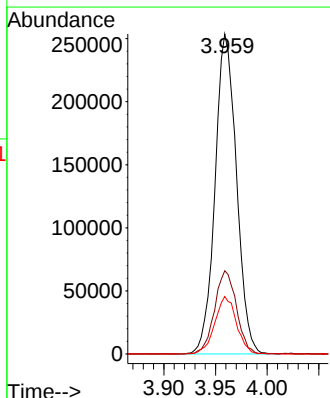
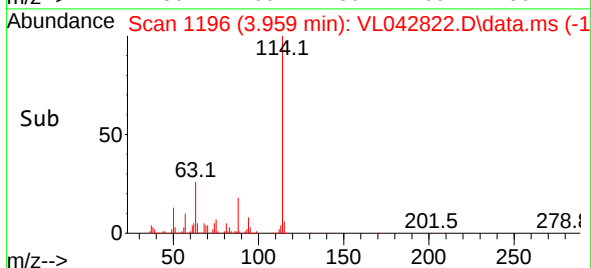
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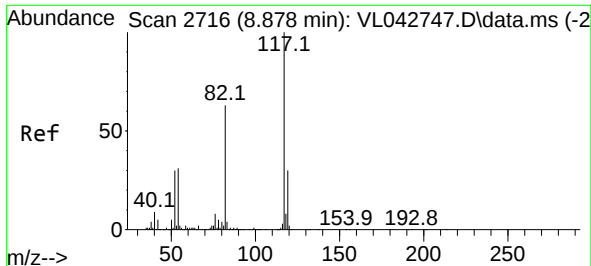


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.003 min
Lab File: VL042822.D
Acq: 05 Aug 2025 00:45



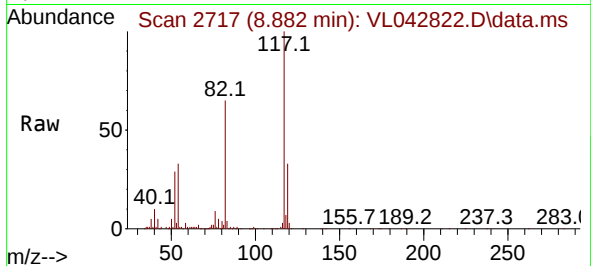
Tgt Ion:114 Resp: 366115
Ion Ratio Lower Upper
114 100
63 26.8 20.5 30.7
88 18.1 14.0 21.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042822.D
Acq: 05 Aug 2025 00:45

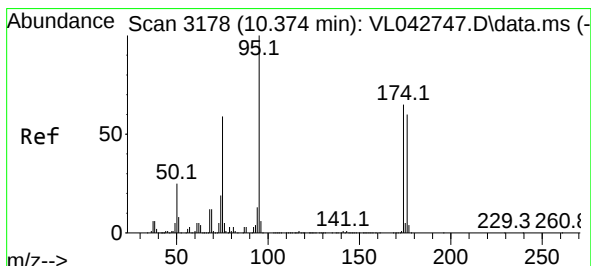
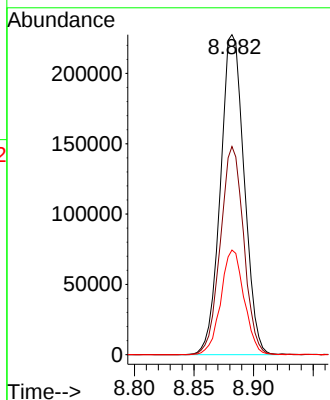
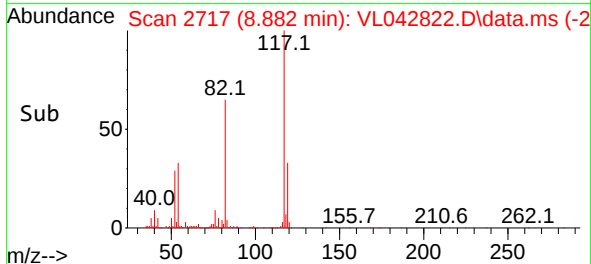
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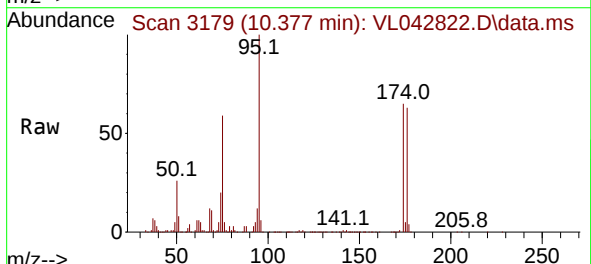
Tgt Ion: 117 Resp: 315570
Ion Ratio Lower Upper
117 100
82 63.9 53.3 79.9
119 32.2 25.8 38.6

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.816 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.003 min
Lab File: VL042822.D
Acq: 05 Aug 2025 00:45



Tgt Ion: 95 Resp: 245322
Ion Ratio Lower Upper
95 100
174 64.3 53.8 80.6
175 5.0 4.0 6.0

