

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042811.D
 Acq On : 04 Aug 2025 18:34
 Operator : SY/MD
 Sample : Q2750-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-2DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 01:10:40 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 01:10:40 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	2.790	49	149688	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	402086	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	341959	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	269128	9.938	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds						Qvalue
3) Chlorodifluoromethane	1.476	51	287592	11.155	ppbv	100
4) Chloromethane	1.531	50	6536	0.816	ppbv	95
9) Propene	1.486	41	17739m	1.893	ppbv	
13) Ethanol	1.726	45	456302	667.656	ppbv	89
15) Acetone	1.836	43	336142	16.263	ppbv	100
19) Isopropyl Alcohol	1.907	45	6648938	605.326	ppbv #	41
20) Methylene Chloride	2.065	84	2715	0.417	ppbv #	73
26) Hexane	2.829	57	3285	0.164	ppbv #	1
27) Carbon Disulfide	2.153	76	5950	0.346	ppbv #	63
34) 2-Butanone	2.564	43	5063	0.178	ppbv	94

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

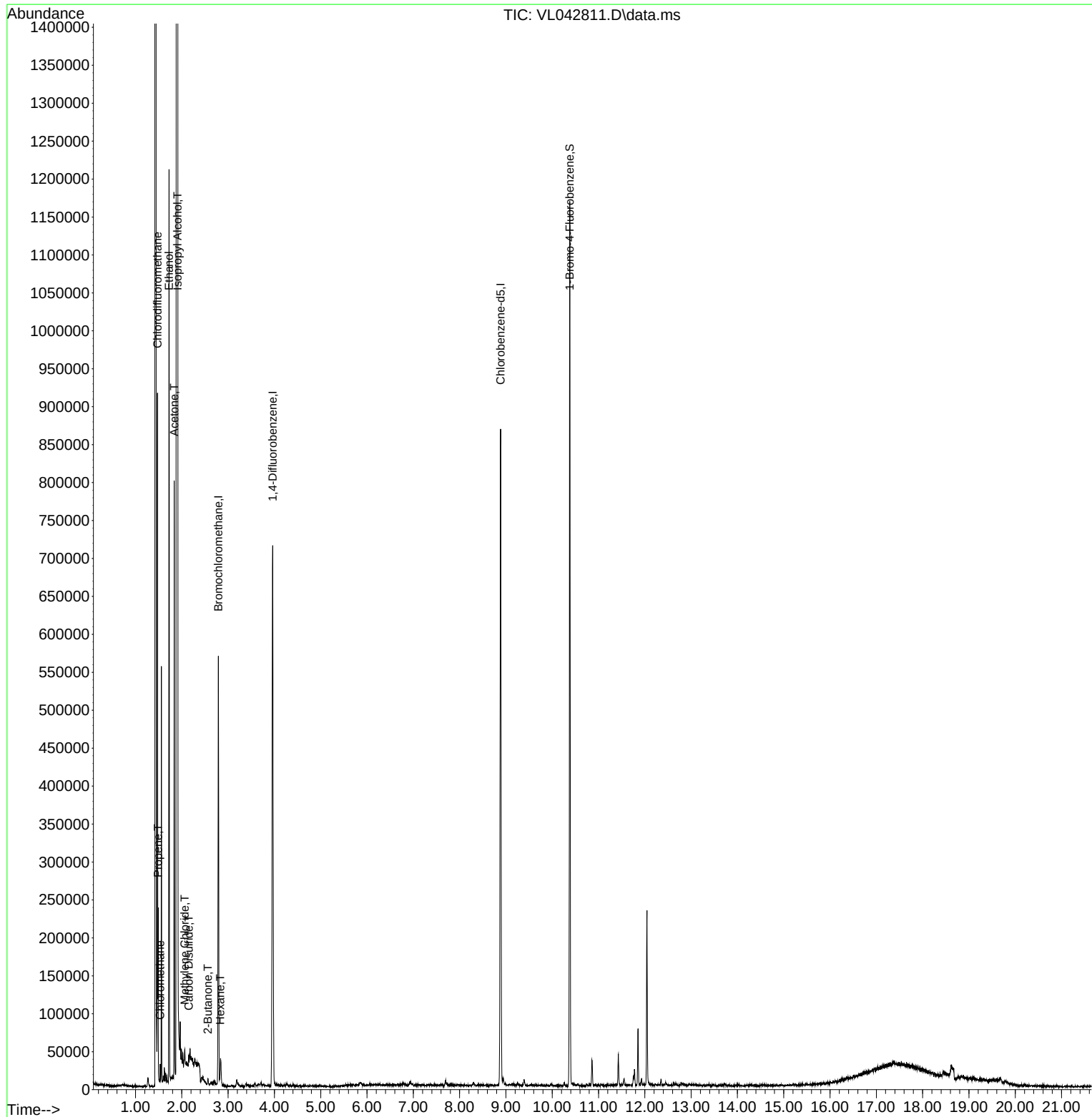
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042811.D
Acq On : 04 Aug 2025 18:34
Operator : SY/MD
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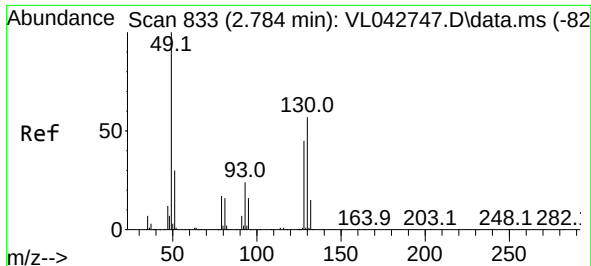
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-2DL

Quant Time: Aug 05 01:10:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Jul 24 05:24:41 2025
Response via : Initial Calibration

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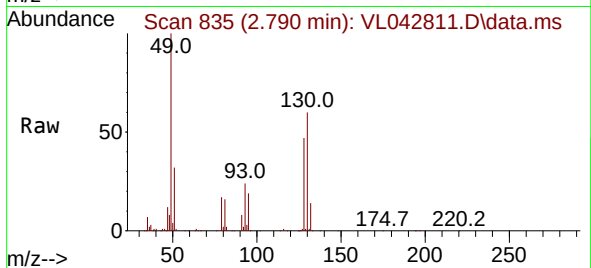
Reviewed By : Semsettin Yesilyurt 08/05/2025
Supervised By : Mahesh Dadoda 08/05/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042811.D
Acq: 04 Aug 2025 18:34

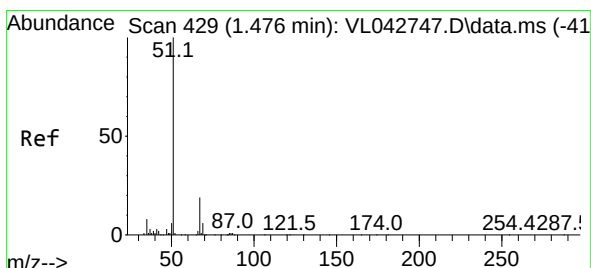
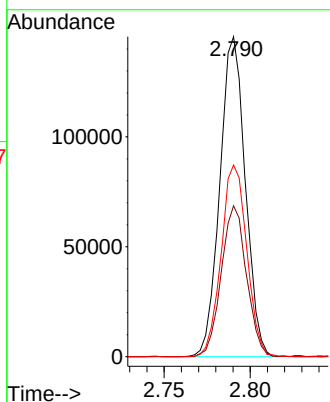
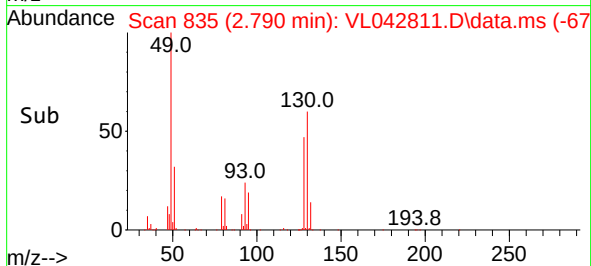
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-2DL



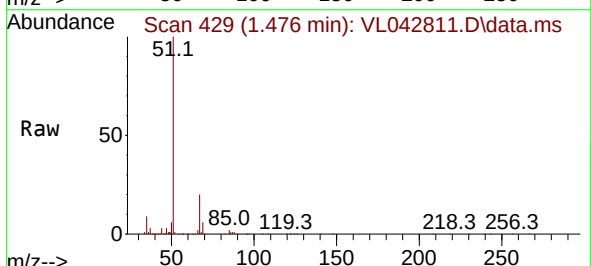
Tgt Ion: 49 Resp: 149688
Ion Ratio Lower Upper
49 100
128 46.7 23.6 71.0
130 60.4 30.3 90.8

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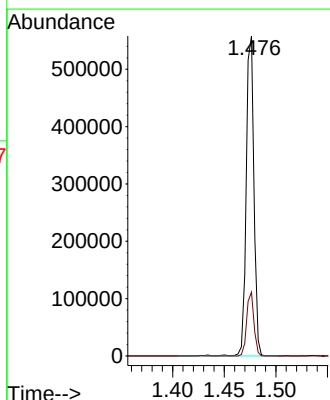
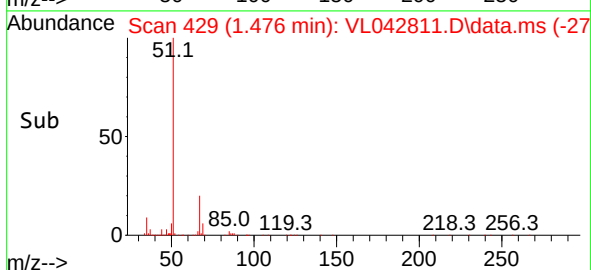
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

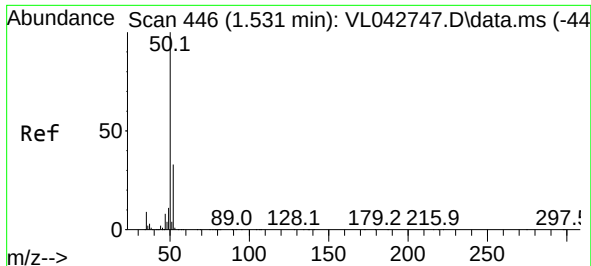


#3
Chlorodifluoromethane
Concen: 11.155 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042811.D
Acq: 04 Aug 2025 18:34



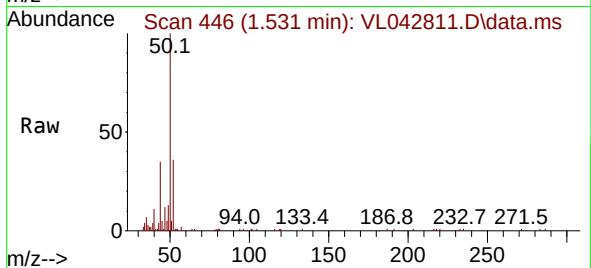
Tgt Ion: 51 Resp: 287592
Ion Ratio Lower Upper
51 100
67 18.8 15.0 22.6





#4
Chloromethane
Concen: 0.816 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042811.D
Acq: 04 Aug 2025 18:34

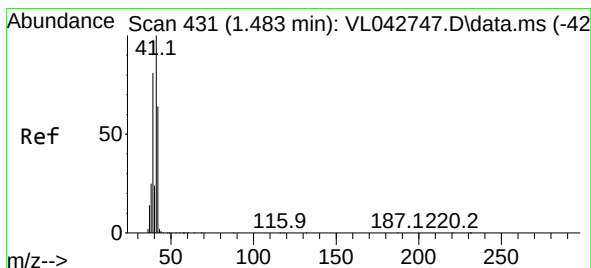
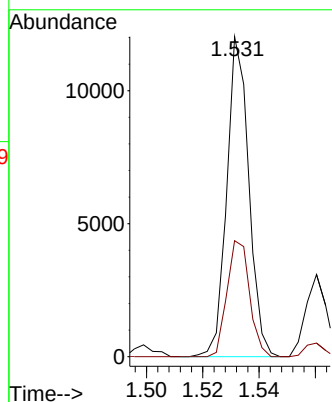
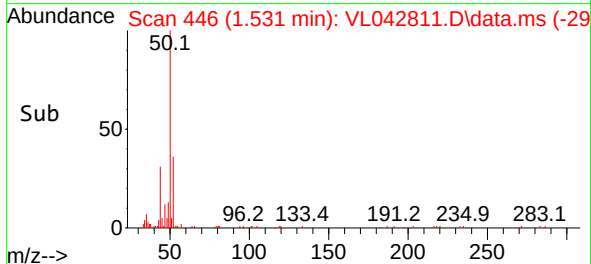
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 50 Resp: 6530
Ion Ratio Lower Upper
50 100
52 36.3 26.6 40.0

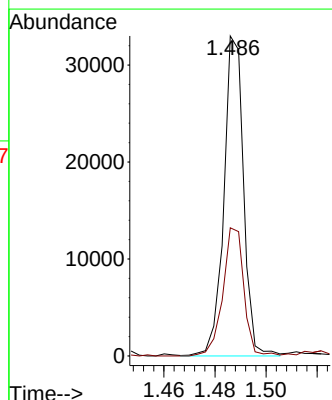
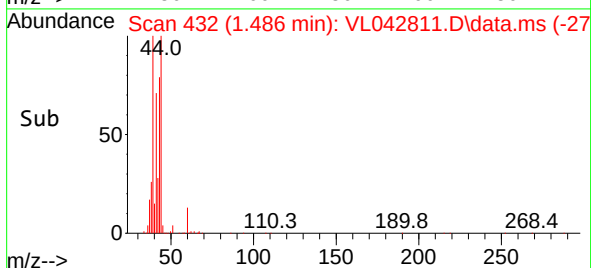
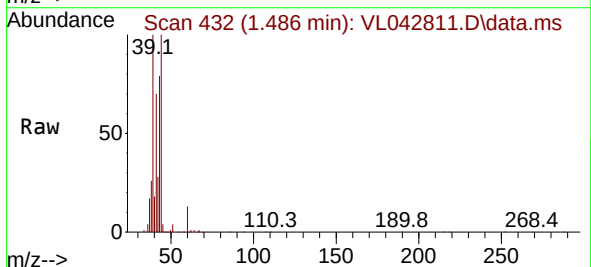
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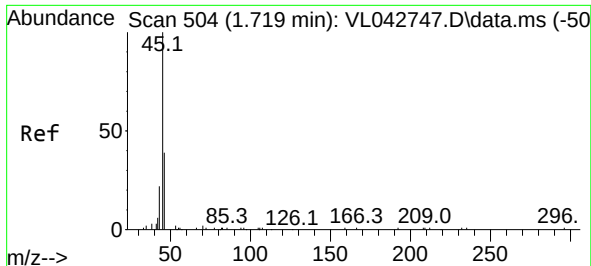
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#9
Propene
Concen: 1.893 ppbv m
RT: 1.486 min Scan# 432
Delta R.T. 0.003 min
Lab File: VL042811.D
Acq: 04 Aug 2025 18:34

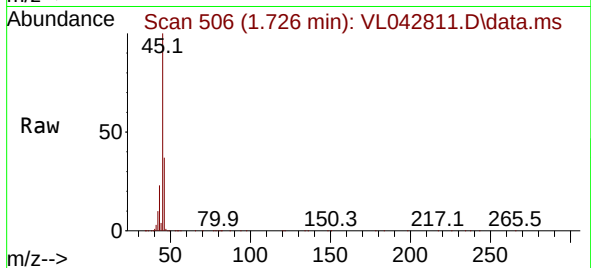
Tgt Ion: 41 Resp: 17739
Ion Ratio Lower Upper
41 100
42 246.6 53.2 79.8#





#13
Ethanol
Concen: 667.656 ppbv
RT: 1.726 min Scan# 504
Delta R.T. 0.007 min
Lab File: VL042811.D
Acq: 04 Aug 2025 18:34

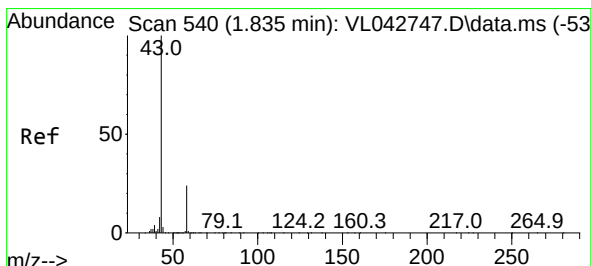
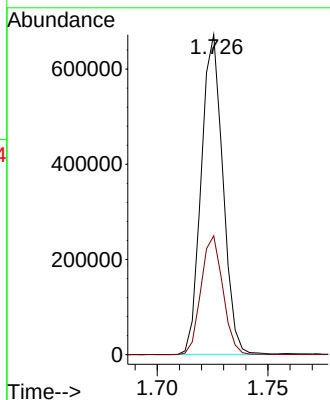
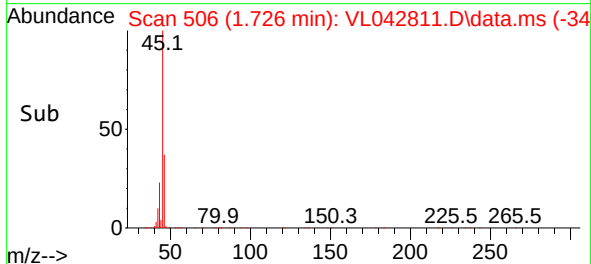
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-2DL



Tgt Ion: 45 Resp: 456302
Ion Ratio Lower Upper
45 100
46 37.6 17.8 71.4

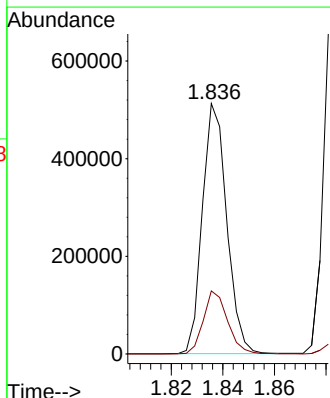
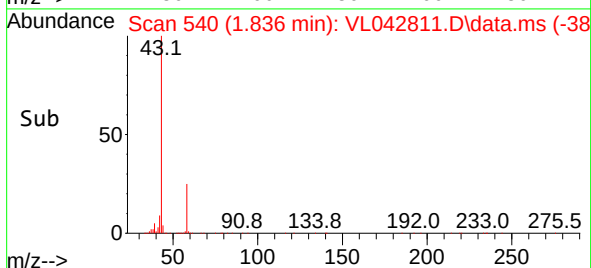
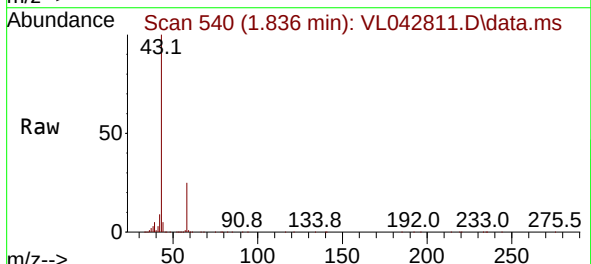
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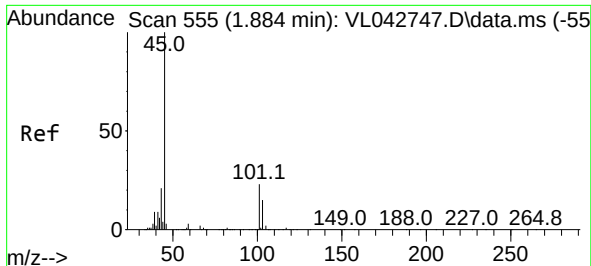
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#15
Acetone
Concen: 16.263 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042811.D
Acq: 04 Aug 2025 18:34

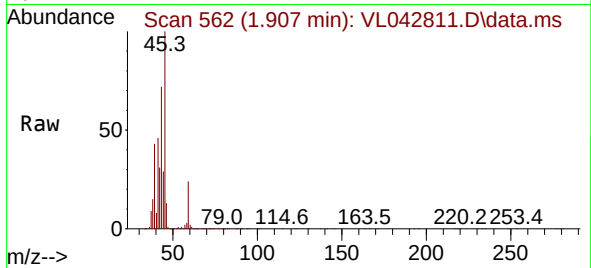
Tgt Ion: 43 Resp: 336142
Ion Ratio Lower Upper
43 100
58 25.0 19.8 29.8





#19
Isopropyl Alcohol
Concen: 605.326 ppbv
RT: 1.907 min Scan# 50
Delta R.T. 0.023 min
Lab File: VL042811.D
Acq: 04 Aug 2025 18:34

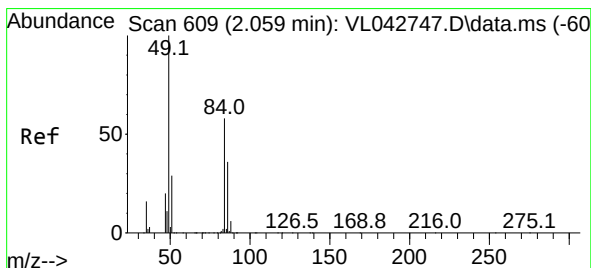
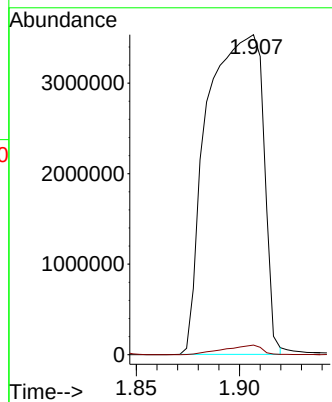
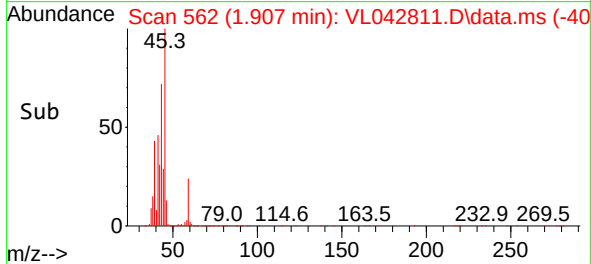
Instrument :
MSVOA_L
ClientSampleId :
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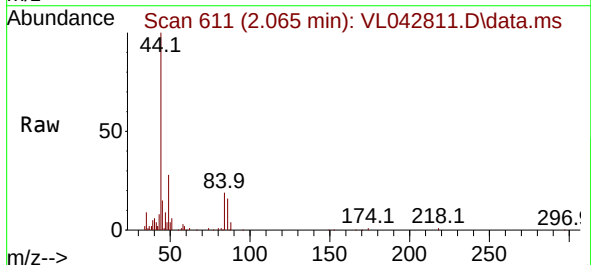
Tgt Ion: 45 Resp: 6648938
Ion Ratio Lower Upper
45 100
58 2.1 30.0 45.0

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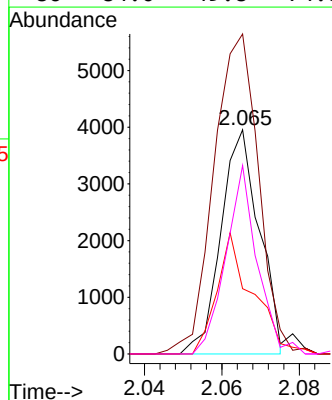
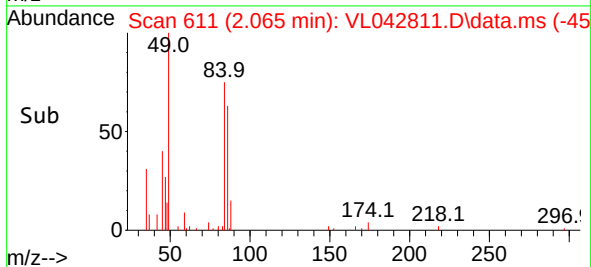
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

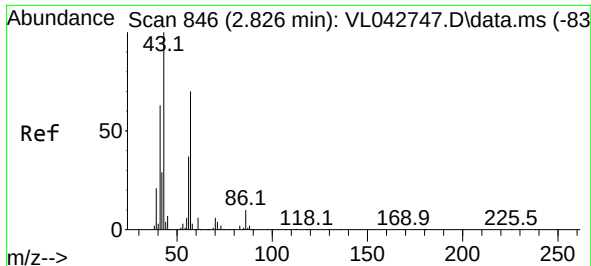


#20
Methylene Chloride
Concen: 0.417 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042811.D
Acq: 04 Aug 2025 18:34



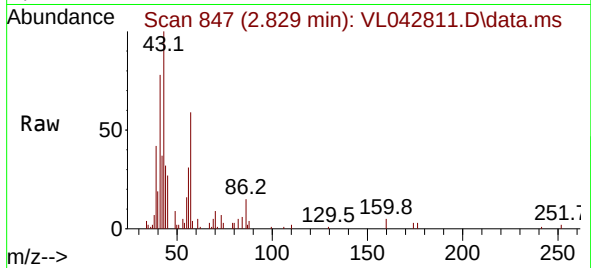
Tgt Ion: 84 Resp: 2715
Ion Ratio Lower Upper
84 100
49 137.3 138.6 208.0#
51 29.1 40.6 61.0#
86 84.0 49.8 74.8#





#26
Hexane
Concen: 0.164 ppbv
RT: 2.829 min Scan# 846
Delta R.T. 0.003 min
Lab File: VL042811.D
Acq: 04 Aug 2025 18:34

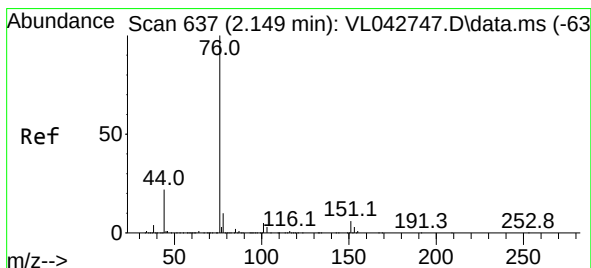
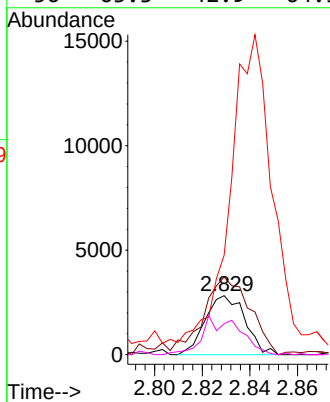
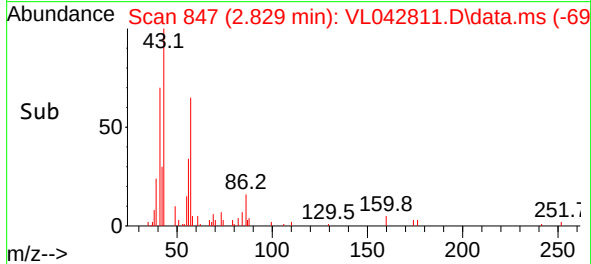
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 57 Resp: 3285
Ion Ratio Lower Upper
57 100
41 157.8 75.4 113.2
43 580.2 185.0 277.6
56 63.3 42.9 64.3

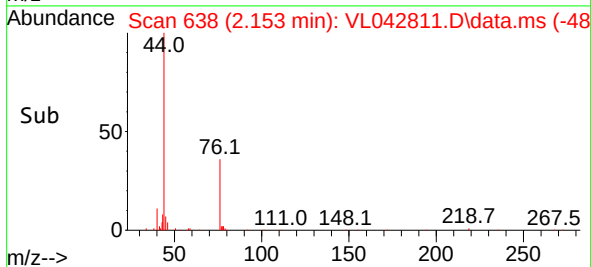
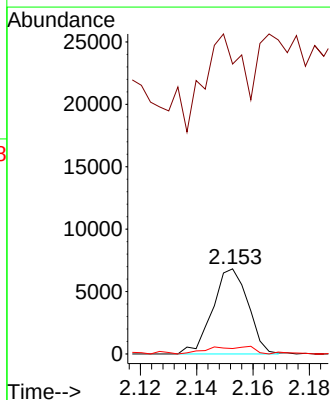
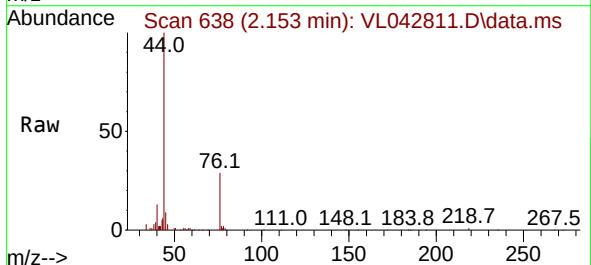
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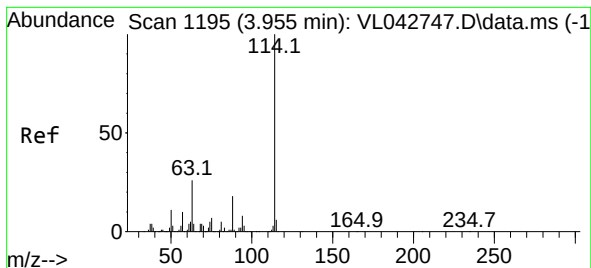
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#27
Carbon Disulfide
Concen: 0.346 ppbv
RT: 2.153 min Scan# 638
Delta R.T. 0.003 min
Lab File: VL042811.D
Acq: 04 Aug 2025 18:34

Tgt Ion: 76 Resp: 5950
Ion Ratio Lower Upper
76 100
44 0.0 19.3 28.9#
78 18.3 9.9 14.9#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.007 min

Lab File: VL042811.D

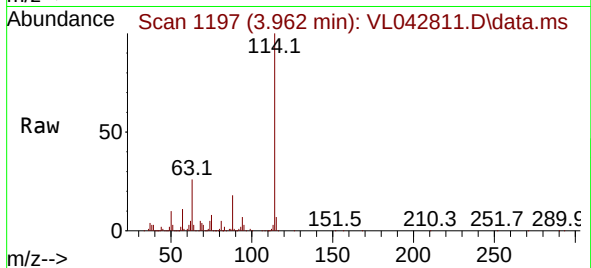
Acq: 04 Aug 2025 18:34

Instrument :

MSVOA_L

ClientSampleId :

WONDER IA-2DL



Tgt Ion:114 Resp: 402080

Ion Ratio Lower Upper

114 100

63 25.5 20.5 30.7

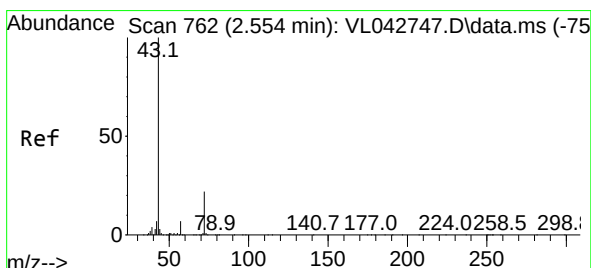
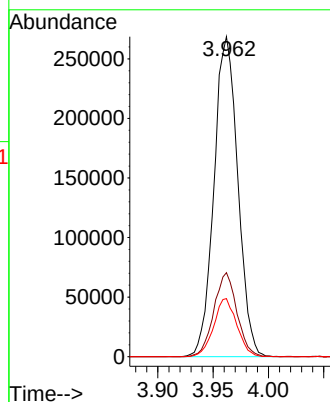
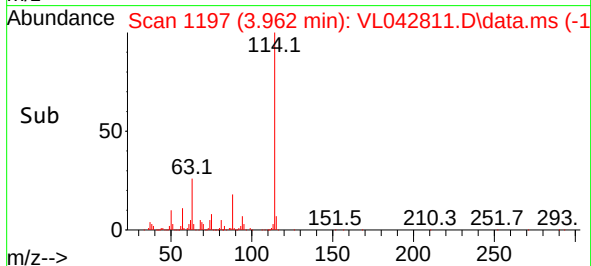
88 17.7 14.0 21.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#34

2-Butanone

Concen: 0.178 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.010 min

Lab File: VL042811.D

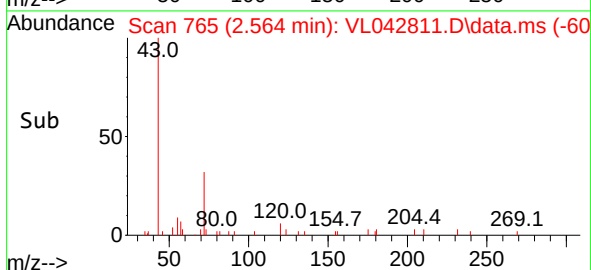
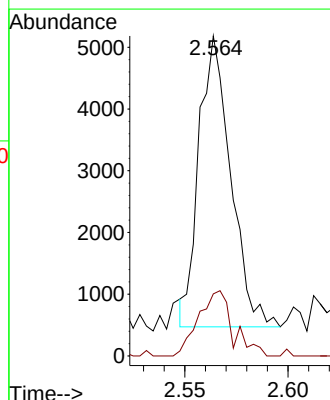
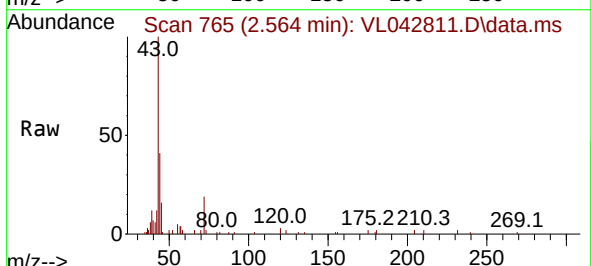
Acq: 04 Aug 2025 18:34

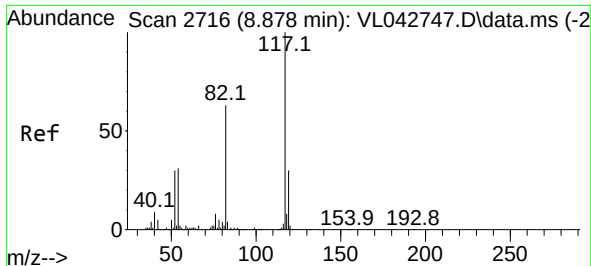
Tgt Ion: 43 Resp: 5063

Ion Ratio Lower Upper

43 100

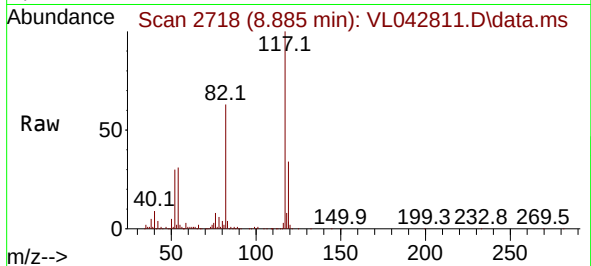
72 24.5 17.4 26.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. 0.007 min
Lab File: VL042811.D
Acq: 04 Aug 2025 18:34

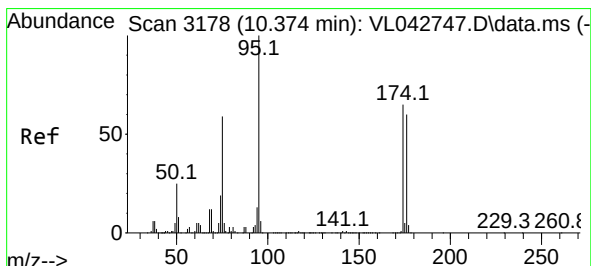
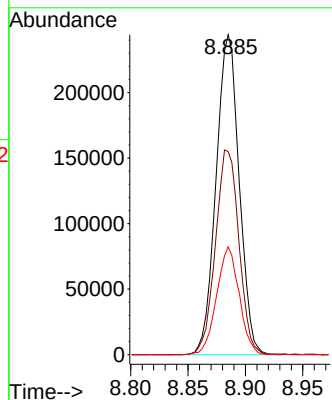
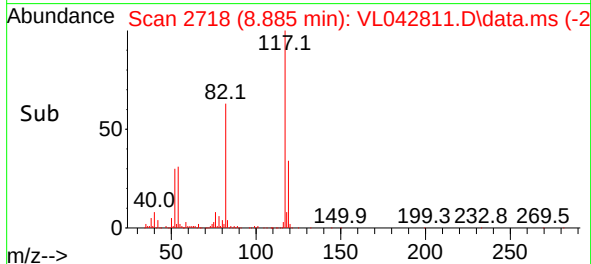
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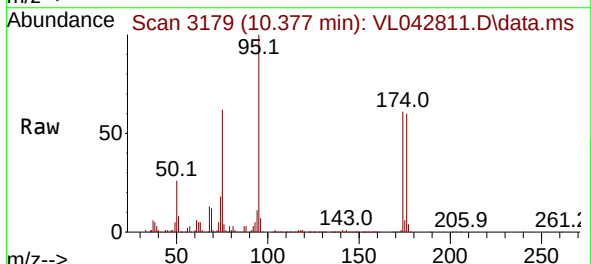
Tgt Ion: 117 Resp: 341959
Ion Ratio Lower Upper
117 100
82 65.1 53.3 79.9
119 33.0 25.8 38.6

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Supervised By :Mahesh Dadoda 08/05/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 9.938 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.003 min
Lab File: VL042811.D
Acq: 04 Aug 2025 18:34



Tgt Ion: 95 Resp: 269128
Ion Ratio Lower Upper
95 100
174 65.0 53.8 80.6
175 5.0 4.0 6.0

