

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
 Data File : VL041965.D
 Acq On : 03 Feb 2025 15:30
 Operator : SY/MD
 Sample : Q1256-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 02:37:44 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.797	49	155407	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	429228	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	368518	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	289779	9.983	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	1.470	51	3681	0.166	ppbv #	68
9) Propene	1.486	41	2162	0.237	ppbv	94
15) Acetone	1.842	43	7792	0.417	ppbv #	48
16) 1,3-Butadiene	1.606	39	3131	0.374	ppbv #	29
20) Methylene Chloride	2.068	84	1122	0.152	ppbv #	92
26) Hexane	2.832	57	3031	0.152	ppbv #	35
34) 2-Butanone	2.570	43	31342	1.148	ppbv	99
51) 2-Hexanone	7.464	43	2956m	0.103	ppbv	

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

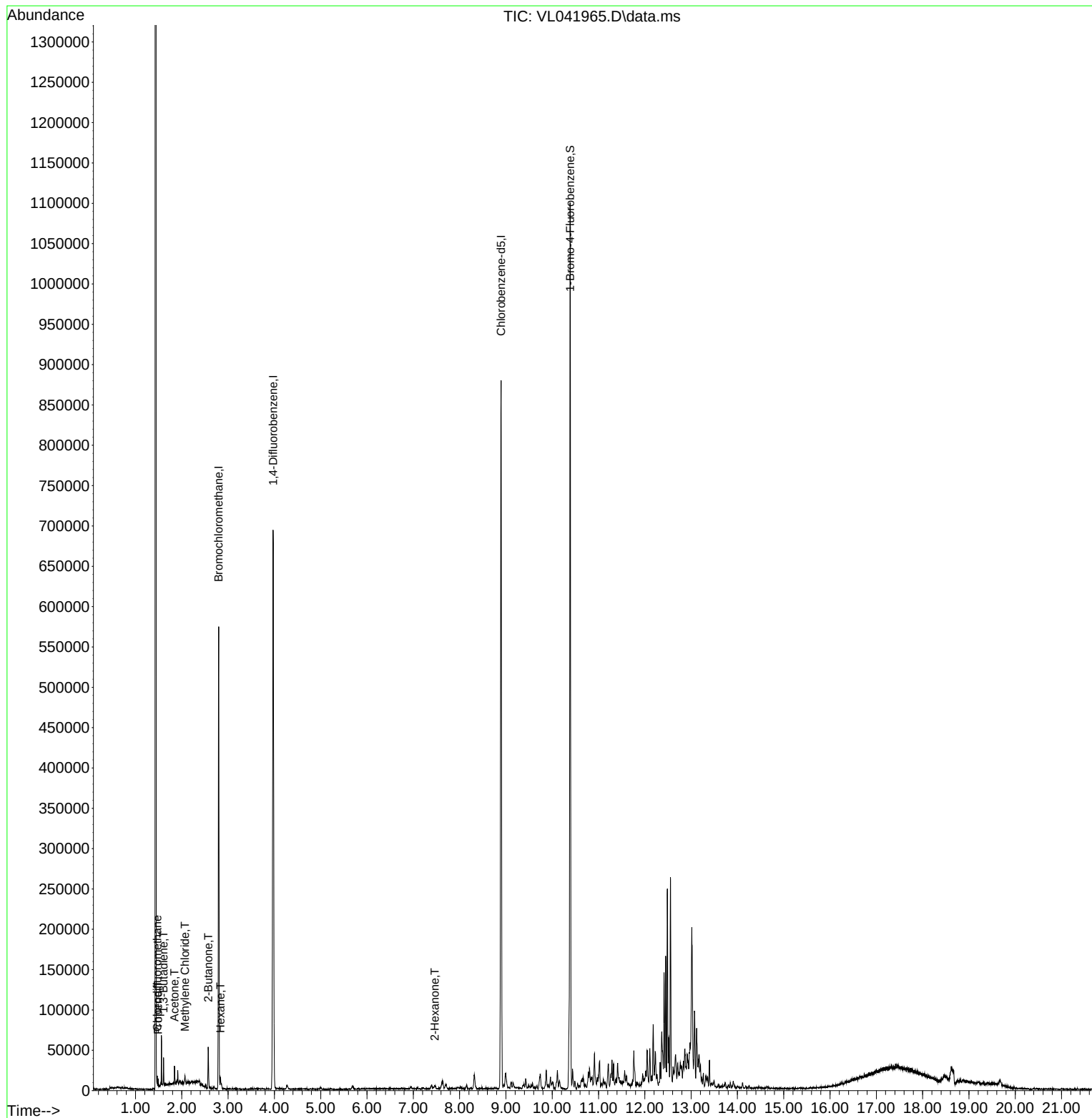
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
Data File : VL041965.D
Acq On : 03 Feb 2025 15:30
Operator : SY/MD
Sample : Q1256-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

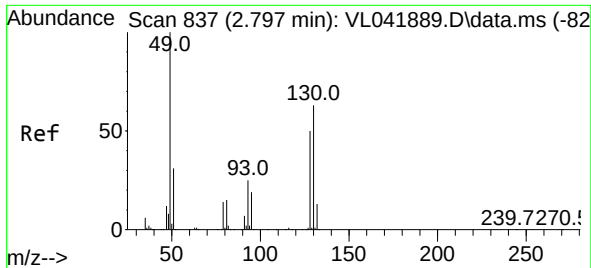
Instrument :
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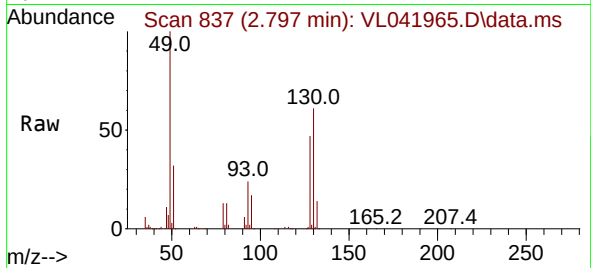
Quant Time: Feb 04 02:37:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041965.D
Acq: 03 Feb 2025 15:30

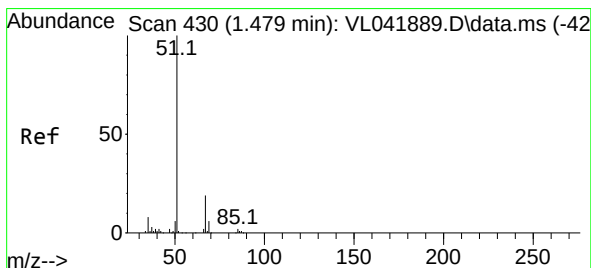
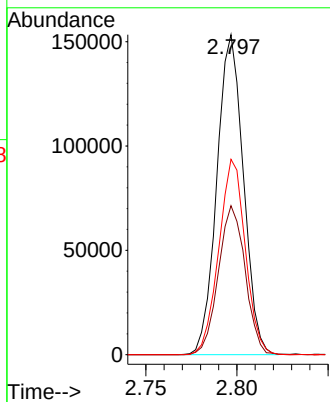
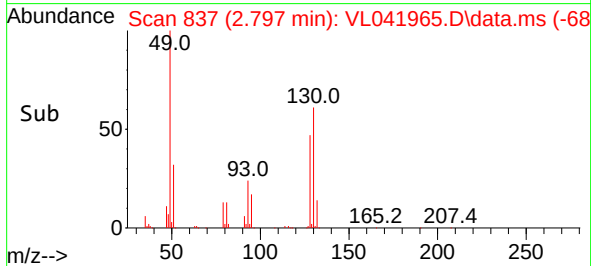
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



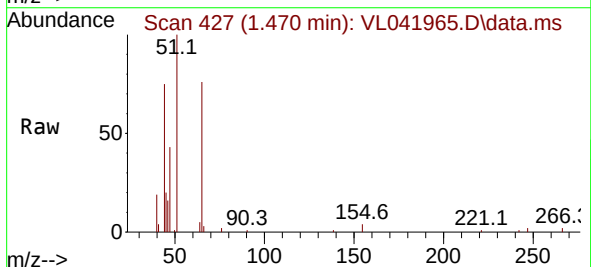
Tgt Ion: 49 Resp: 15540
Ion Ratio Lower Upper
49 100
128 46.9 24.3 73.0
130 61.0 31.1 93.2

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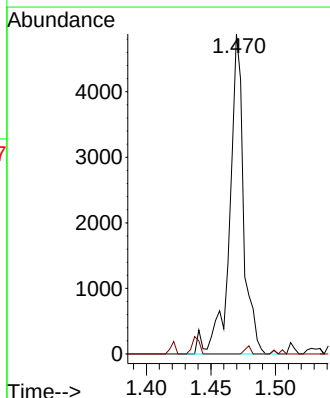
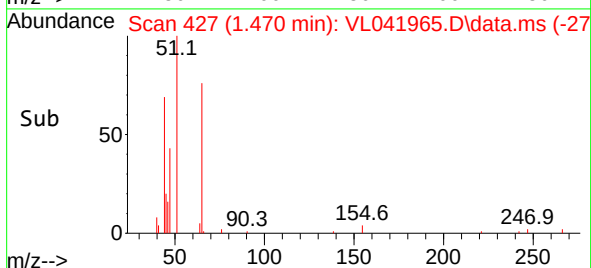
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

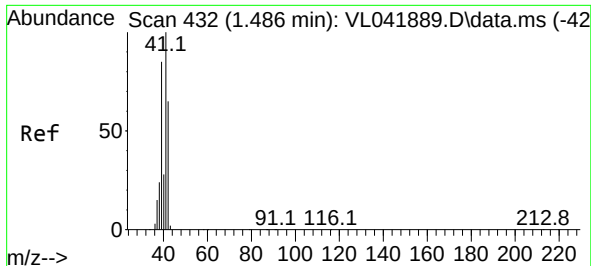


#3
Chlorodifluoromethane
Concen: 0.166 ppbv
RT: 1.470 min Scan# 427
Delta R.T. -0.010 min
Lab File: VL041965.D
Acq: 03 Feb 2025 15:30



Tgt Ion: 51 Resp: 3681
Ion Ratio Lower Upper
51 100
67 4.2 15.0 22.4#





#9

Propene

Concen: 0.237 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041965.D

Acq: 03 Feb 2025 15:30

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tgt Ion: 41 Resp: 216

Ion Ratio Lower Upper

41 100

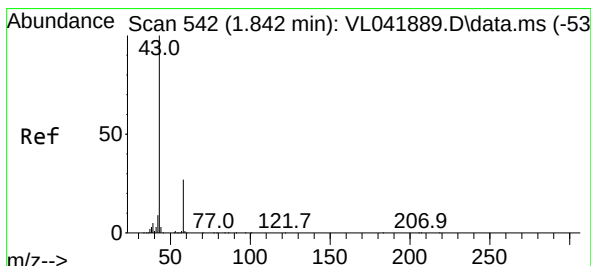
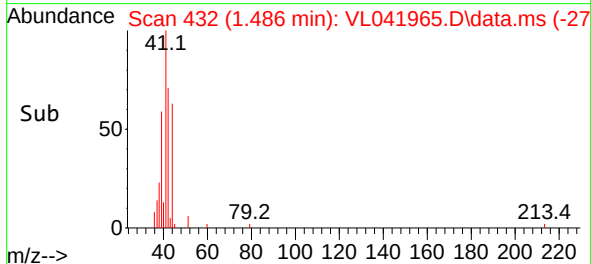
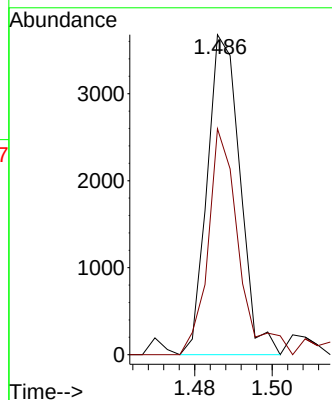
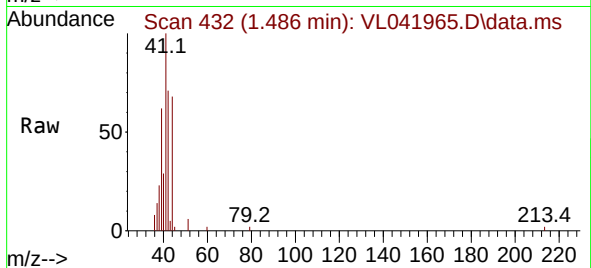
42 69.8 52.0 78.0

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#15

Acetone

Concen: 0.417 ppbv

RT: 1.842 min Scan# 542

Delta R.T. 0.000 min

Lab File: VL041965.D

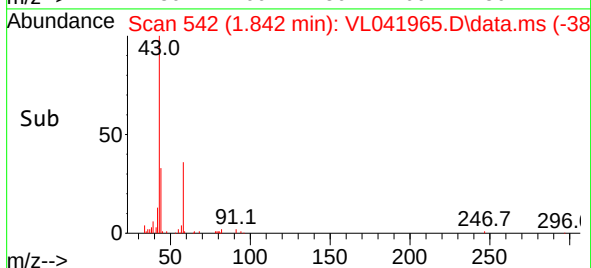
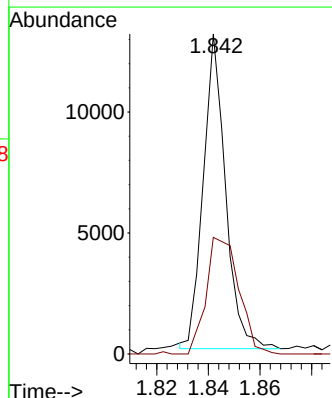
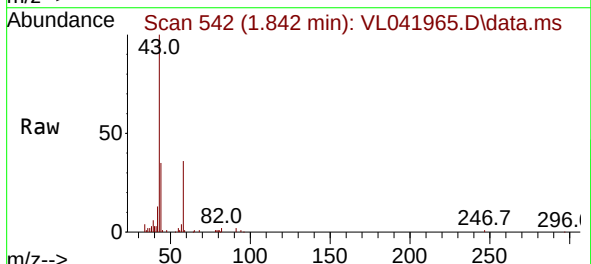
Acq: 03 Feb 2025 15:30

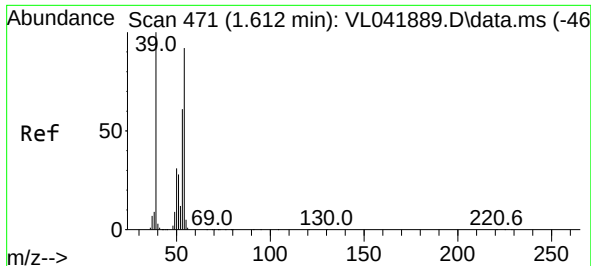
Tgt Ion: 43 Resp: 7792

Ion Ratio Lower Upper

43 100

58 54.6 21.9 32.9#





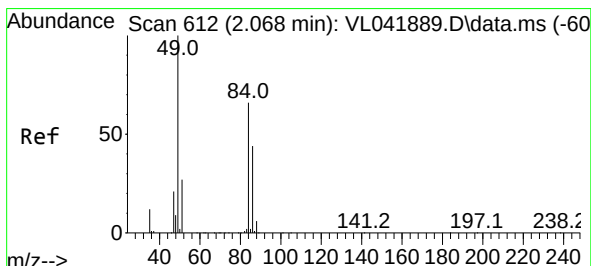
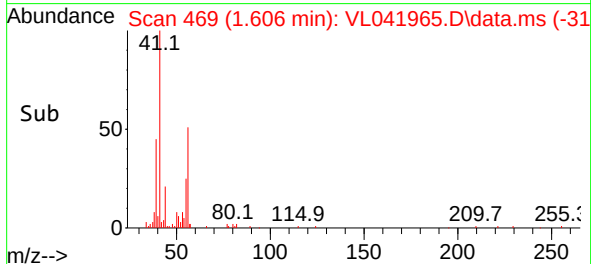
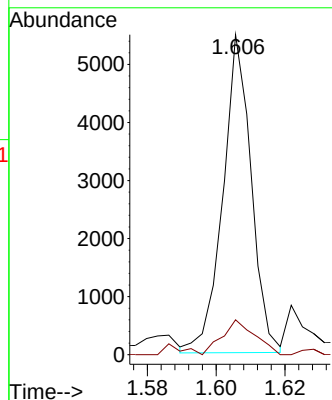
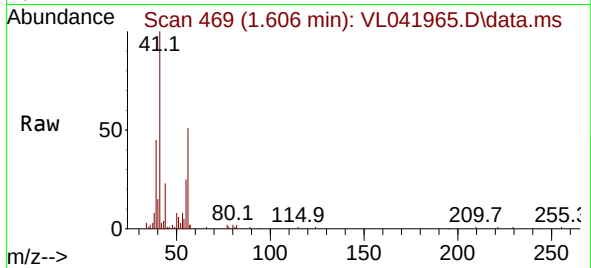
#16
1,3-Butadiene
Concen: 0.374 ppbv
RT: 1.606 min Scan# 413
Delta R.T. -0.006 min
Lab File: VL041965.D
Acq: 03 Feb 2025 15:30

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 39 Resp: 313
Ion Ratio Lower Upper
39 100
54 15.9 61.6 92.4

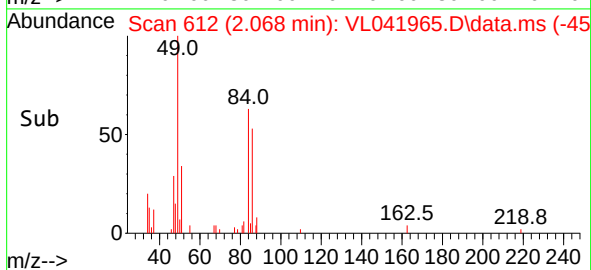
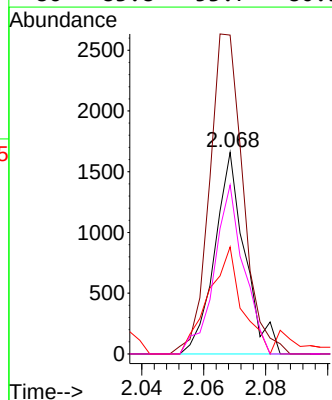
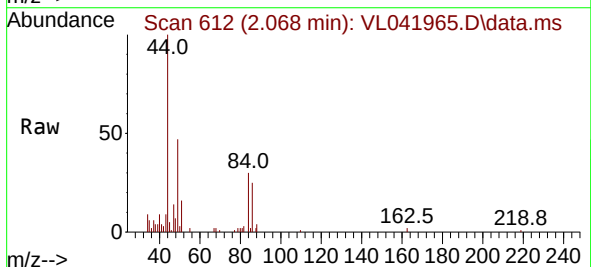
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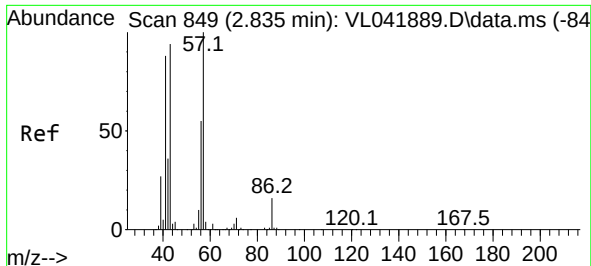
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#20
Methylene Chloride
Concen: 0.152 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL041965.D
Acq: 03 Feb 2025 15:30

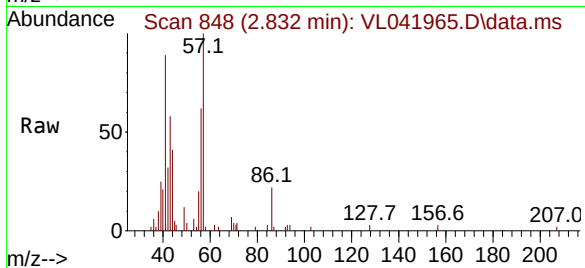
Tgt Ion: 84 Resp: 1122
Ion Ratio Lower Upper
84 100
49 154.3 123.1 184.7
51 53.1 35.8 53.8
86 83.8 53.7 80.5





#26
Hexane
Concen: 0.152 ppbv
RT: 2.832 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL041965.D
Acq: 03 Feb 2025 15:30

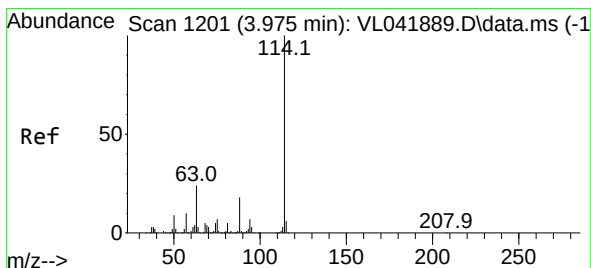
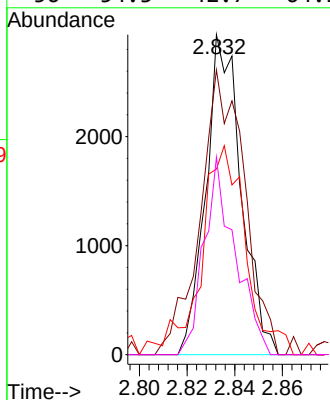
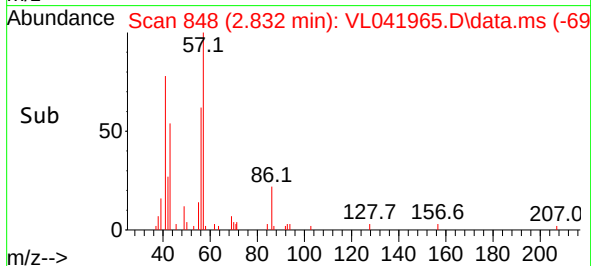
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 303
Ion Ratio Lower Upper
57 100
41 112.4 73.8 110.8
43 82.9 197.3 295.9
56 54.3 42.7 64.1

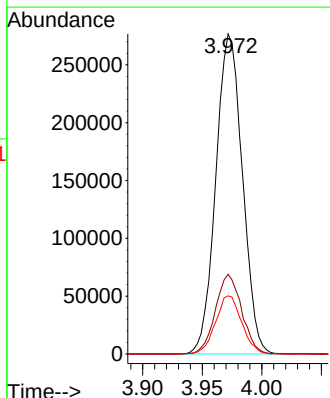
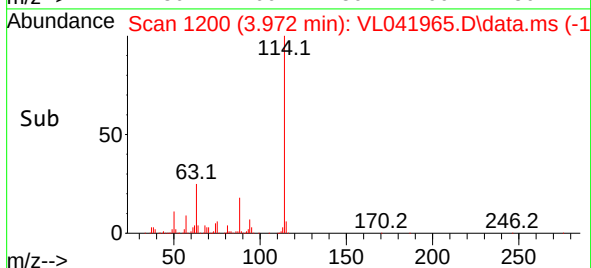
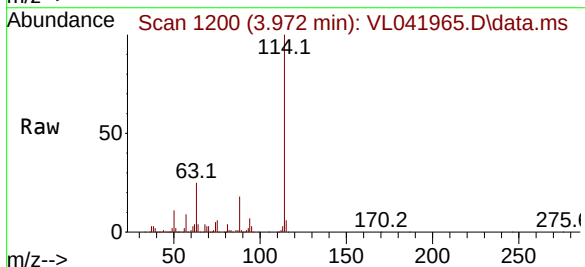
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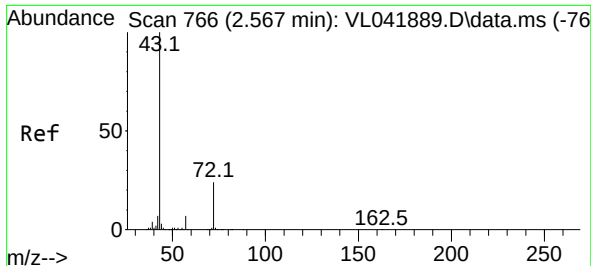
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1200
Delta R.T. -0.003 min
Lab File: VL041965.D
Acq: 03 Feb 2025 15:30

Tgt Ion:114 Resp: 429228
Ion Ratio Lower Upper
114 100
63 24.5 19.8 29.6
88 17.9 14.4 21.6





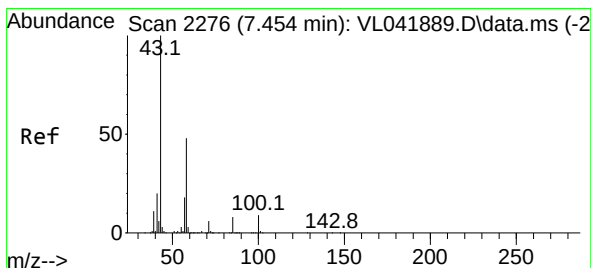
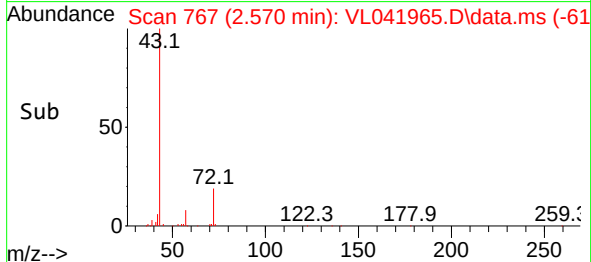
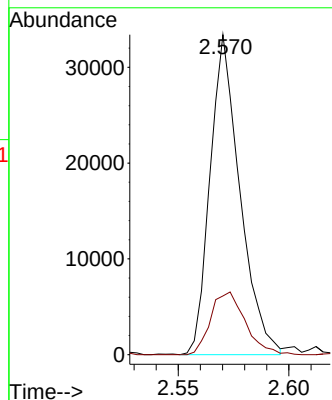
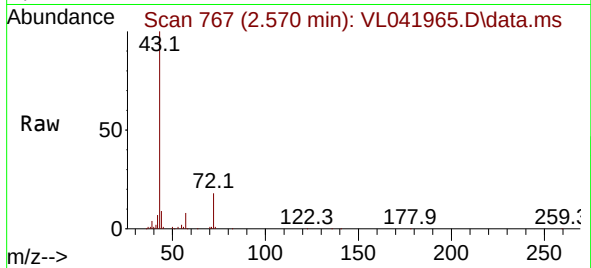
#34
2-Butanone
Concen: 1.148 ppbv
RT: 2.570 min Scan# 766
Delta R.T. 0.003 min
Lab File: VL041965.D
Acq: 03 Feb 2025 15:30

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 3134
Ion Ratio Lower Upper
43 100
72 23.0 18.6 28.0

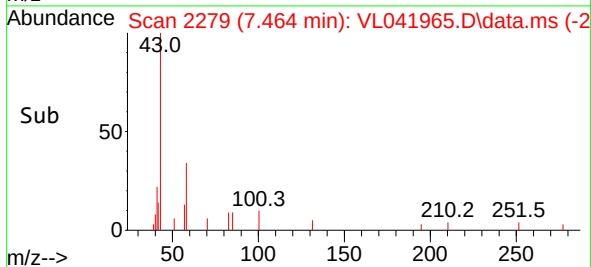
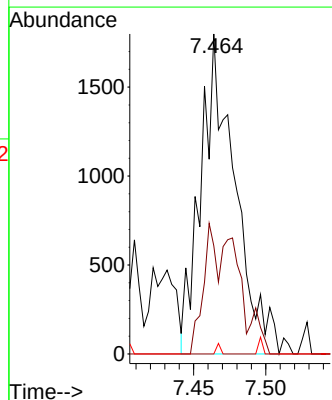
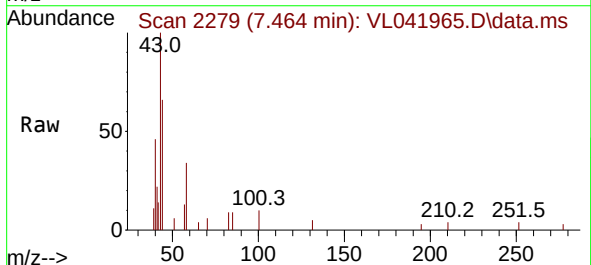
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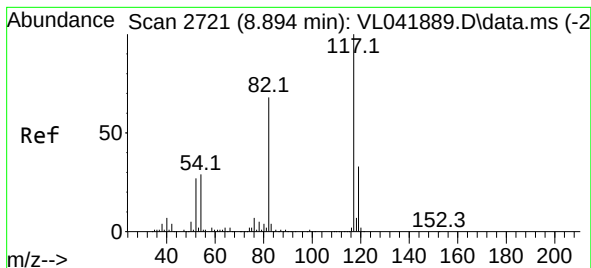
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#51
2-Hexanone
Concen: 0.103 ppbv m
RT: 7.464 min Scan# 2279
Delta R.T. 0.010 min
Lab File: VL041965.D
Acq: 03 Feb 2025 15:30

Tgt Ion: 43 Resp: 2956
Ion Ratio Lower Upper
43 100
58 40.4 40.4 60.6#
98 0.0 0.2 0.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.895 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041965.D

Acq: 03 Feb 2025 15:30

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tgt Ion:117 Resp: 368518

Ion Ratio Lower Upper

117 100

82 62.6 54.2 81.4

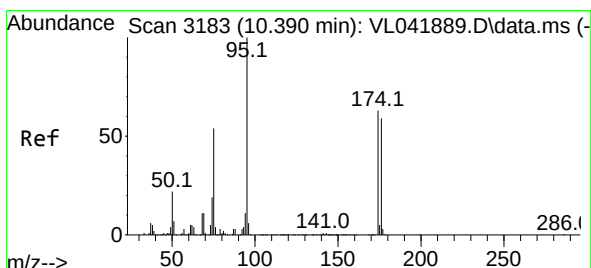
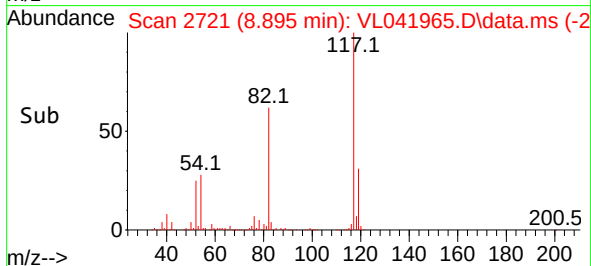
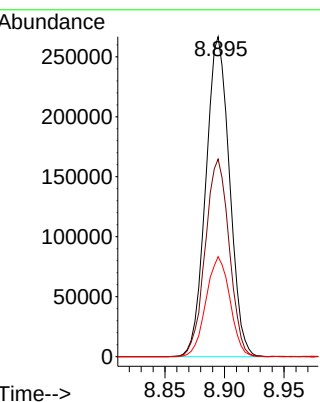
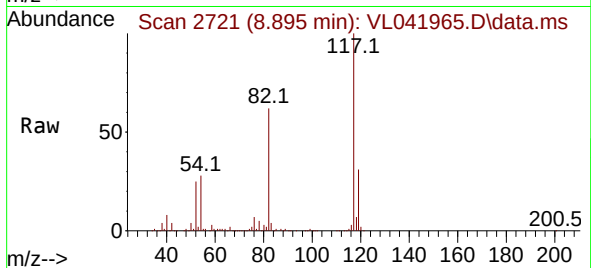
119 31.6 25.0 37.6

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 02/04/2025



#68

1-Bromo-4-Fluorobenzene

Concen: 9.983 ppbv

RT: 10.387 min Scan# 3182

Delta R.T. -0.003 min

Lab File: VL041965.D

Acq: 03 Feb 2025 15:30

Tgt Ion: 95 Resp: 289779

Ion Ratio Lower Upper

95 100

174 60.4 49.0 73.4

175 4.7 3.8 5.8

