

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050525\
 Data File : VL042484.D
 Acq On : 05 May 2025 19:49
 Operator : SY/MD
 Sample : Q1927-06DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EBR-P04-SC-IA01-20250428DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 01:45:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2025
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	68960	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	187538	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	152619	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	140356	9.919	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.499	85	1981	0.174	ppbv	98
3) Chlorodifluoromethane	1.473	51	1494m	0.124	ppbv	
4) Chloromethane	1.531	50	814	0.171	ppbv	97
9) Propene	1.486	41	926m	0.235	ppbv	
13) Ethanol	1.725	45	4605m	5.750	ppbv	
15) Acetone	1.839	43	11662	0.926	ppbv	97
20) Methylene Chloride	2.065	84	864	0.228	ppbv #	55

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

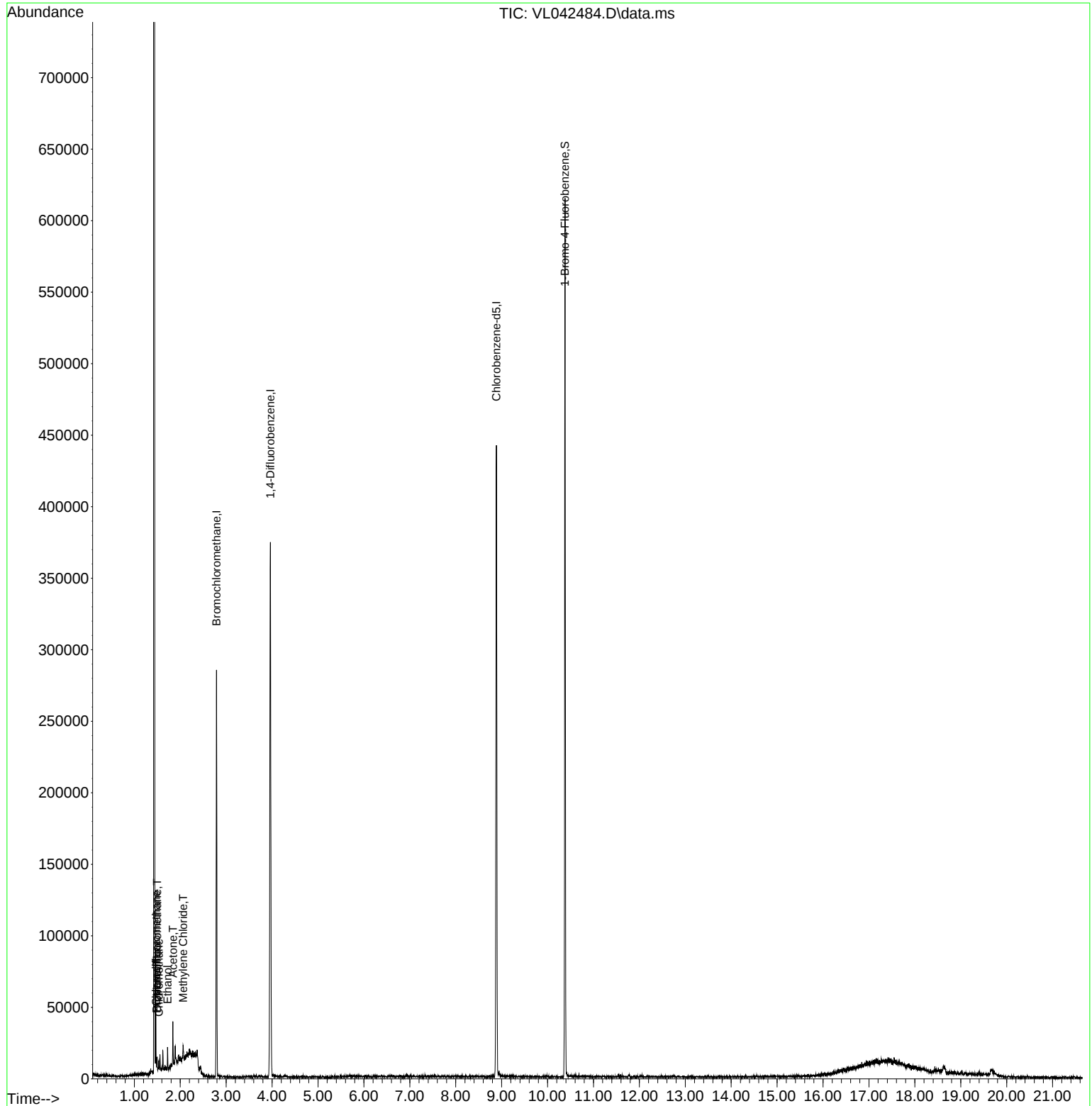
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050525\
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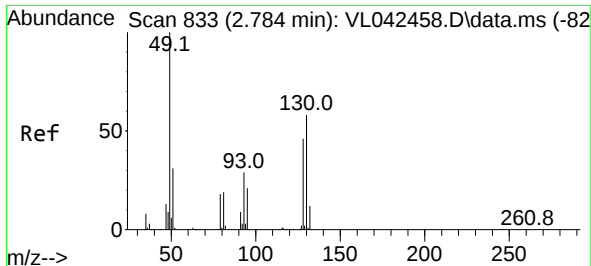
Instrument :
MSVOA_L
ClientSampleId :
EBR-P04-SC-IA01-20250428DL

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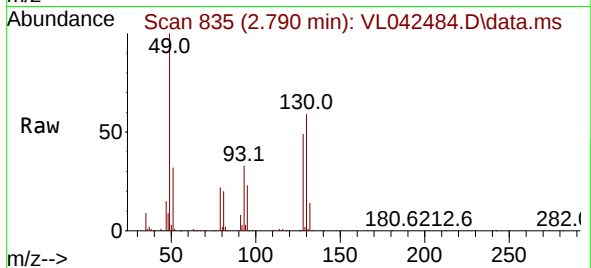
Reviewed By : Semsettin Yesilyurt 05/06/2025
Supervised By : Mahesh Dadoda 05/06/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 833
Delta R.T. 0.006 min
Lab File: VL042484.D
Acq: 05 May 2025 19:49

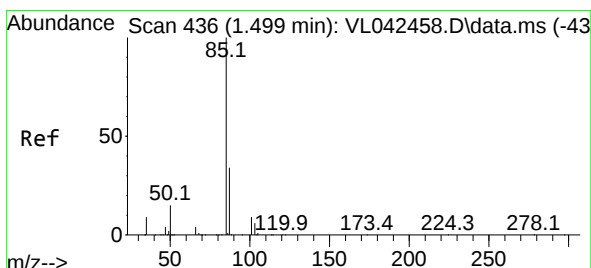
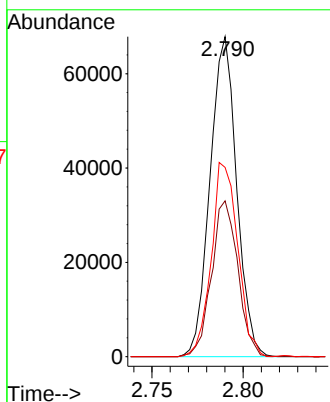
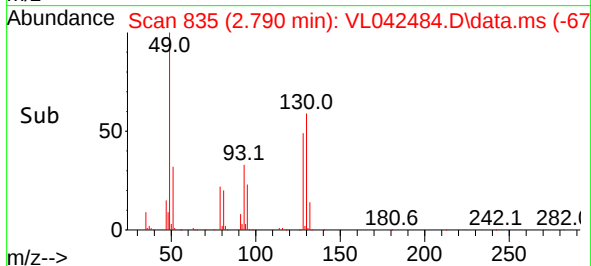
Instrument : MSVOA_L
ClientSampleId : EBR-P04-SC-IA01-20250428DL



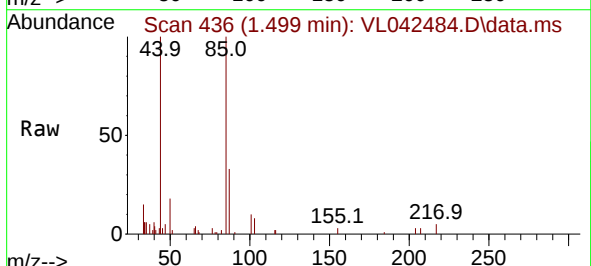
Tgt Ion: 49 Resp: 68960
Ion Ratio Lower Upper
49 100
128 48.3 23.3 69.9
130 60.5 29.5 88.6

Manual Integrations
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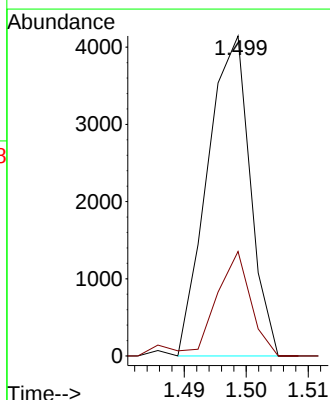
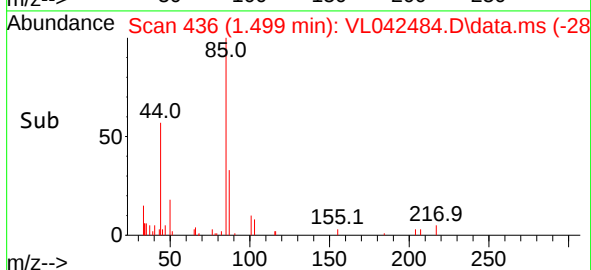
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

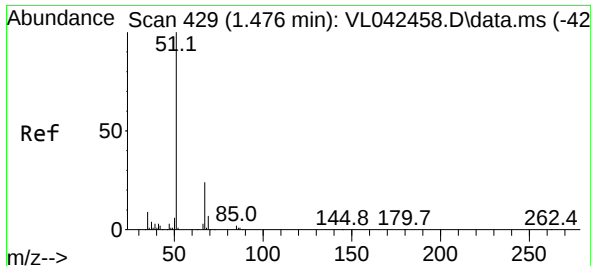


#2
Dichlorodifluoromethane
Concen: 0.174 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042484.D
Acq: 05 May 2025 19:49



Tgt Ion: 85 Resp: 1981
Ion Ratio Lower Upper
85 100
87 32.6 26.9 40.3





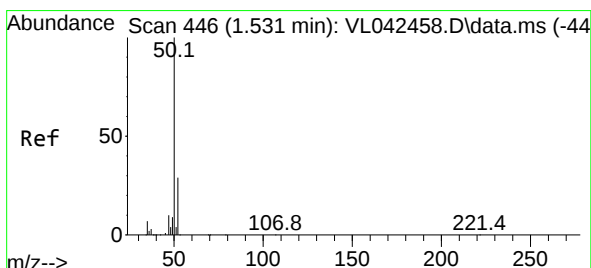
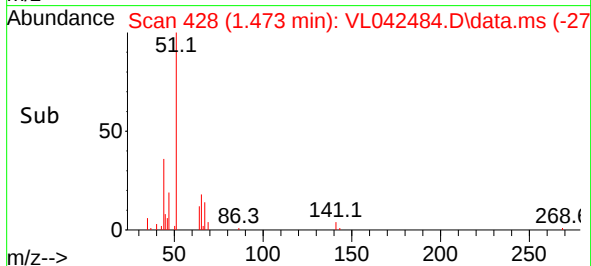
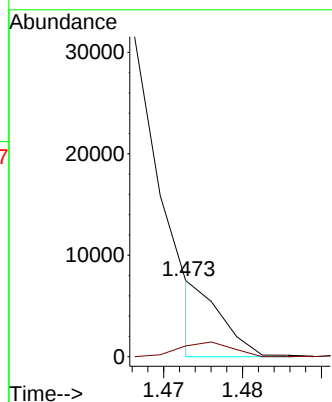
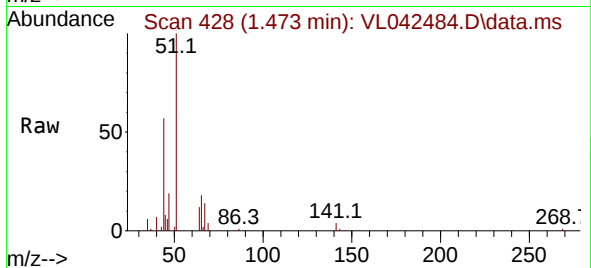
#3
Chlorodifluoromethane
Concen: 0.124 ppbv
RT: 1.473 min Scan# 429
Delta R.T. -0.003 min
Lab File: VL042484.D
Acq: 05 May 2025 19:49

Instrument : MSVOA_L
ClientSampleId : EBR-P04-SC-IA01-20250428DL

Tgt Ion: 51 Resp: 1494
Ion Ratio Lower Upper
51 100
67 49.2 18.4 27.6

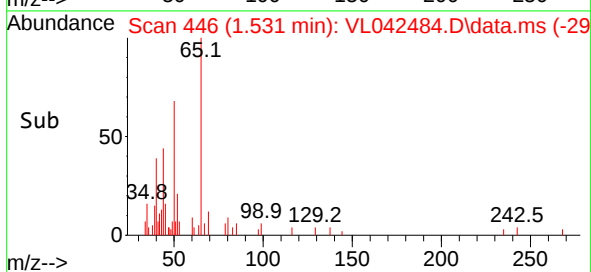
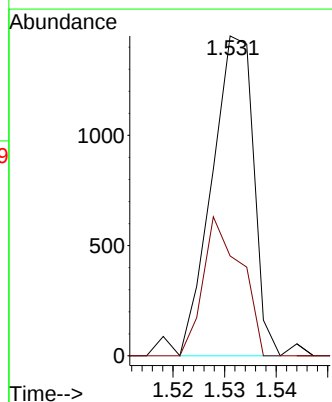
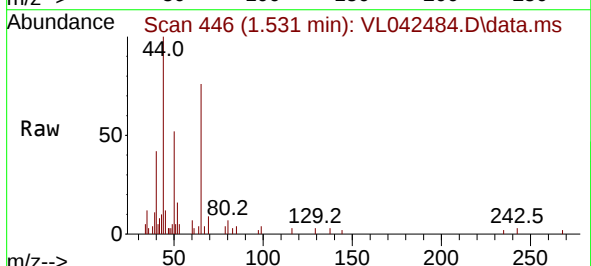
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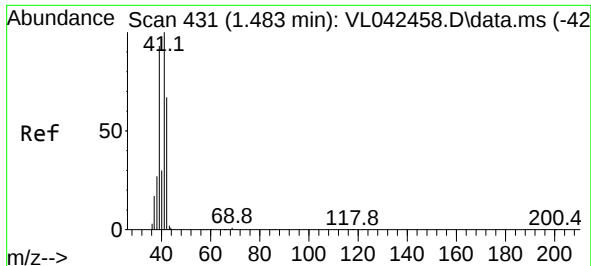
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#4
Chloromethane
Concen: 0.171 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042484.D
Acq: 05 May 2025 19:49

Tgt Ion: 50 Resp: 814
Ion Ratio Lower Upper
50 100
52 31.2 23.5 35.3





#9

Propene

Concen: 0.235 ppbv m

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042484.D

Acq: 05 May 2025 19:49

Instrument :

MSVOA_L

ClientSampleId :

EBR-P04-SC-IA01-20250428DL

Tgt Ion: 41 Resp: 920

Ion Ratio Lower Upper

41 100

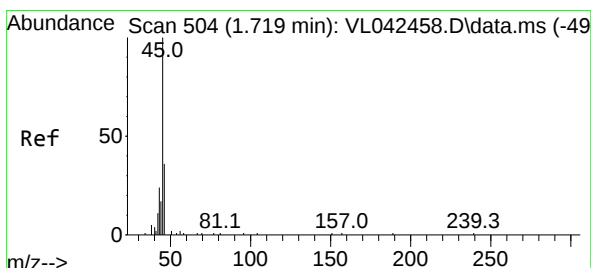
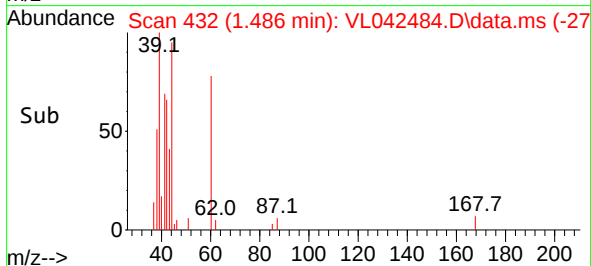
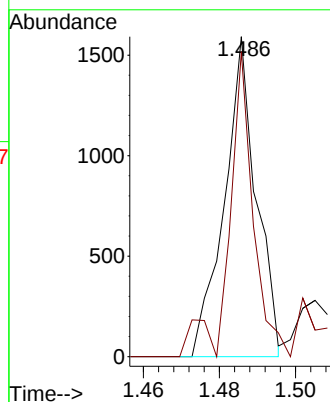
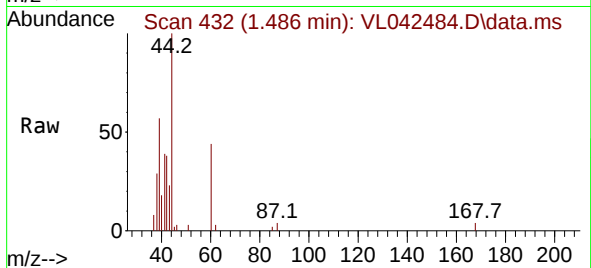
42 134.6 54.3 81.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#13

Ethanol

Concen: 5.750 ppbv m

RT: 1.725 min Scan# 506

Delta R.T. 0.006 min

Lab File: VL042484.D

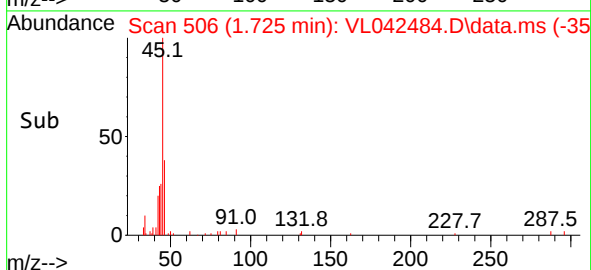
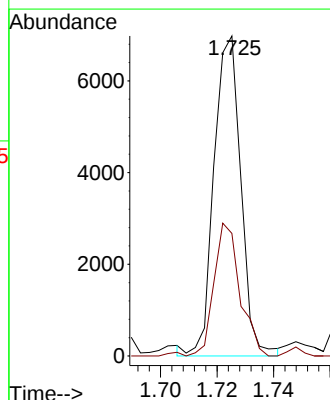
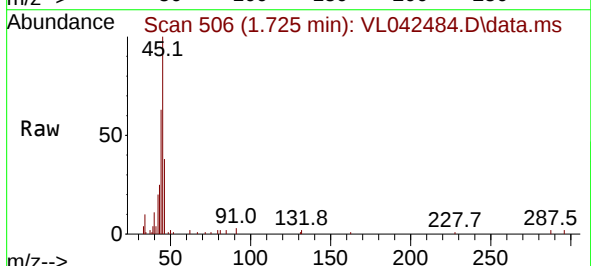
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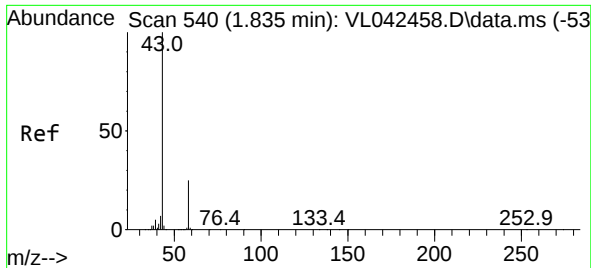
Tgt Ion: 45 Resp: 4605

Ion Ratio Lower Upper

45 100

46 5117.4 15.3 61.1#





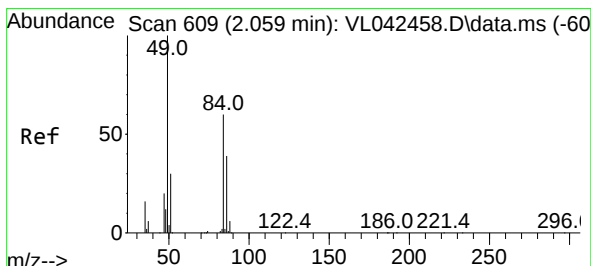
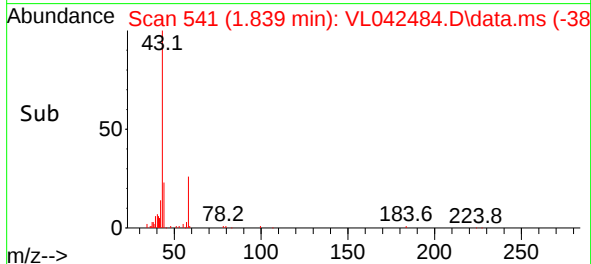
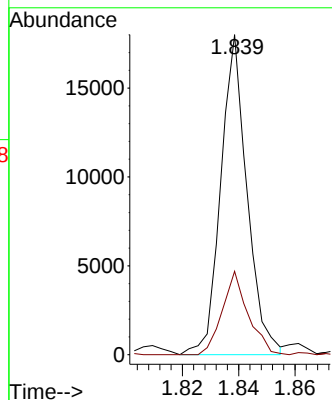
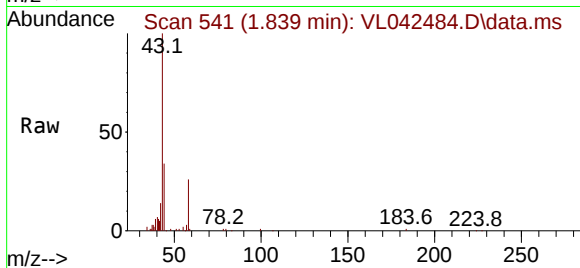
#15
Acetone
Concen: 0.926 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042484.D
Acq: 05 May 2025 19:49

Instrument : MSVOA_L
ClientSampleId : EBR-P04-SC-IA01-20250428DL

Tgt Ion: 43 Resp: 11662
Ion Ratio Lower Upper
43 100
58 26.3 19.8 29.8

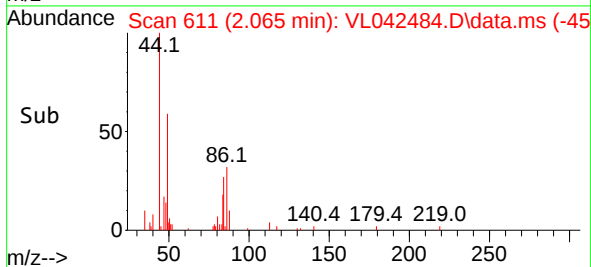
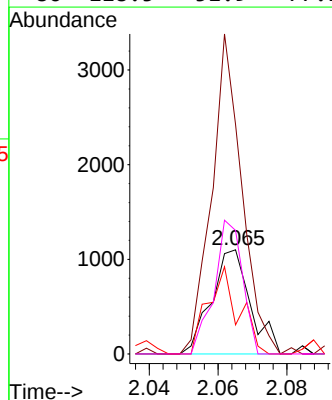
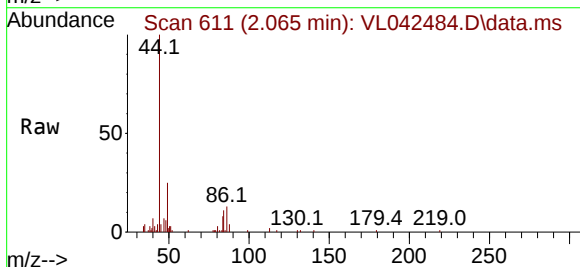
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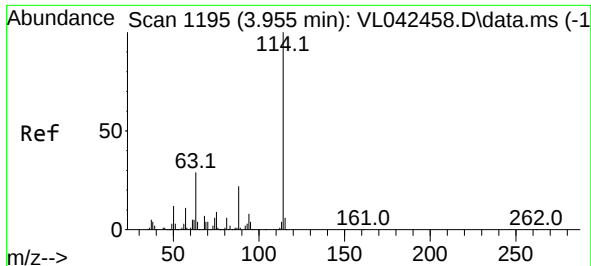
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#20
Methylene Chloride
Concen: 0.228 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL042484.D
Acq: 05 May 2025 19:49

Tgt Ion: 84 Resp: 864
Ion Ratio Lower Upper
84 100
49 220.3 133.9 200.9#
51 28.0 41.0 61.6#
86 118.5 51.9 77.9#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.006 min

Lab File: VL042484.D

Acq: 05 May 2025 19:49

Instrument :

MSVOA_L

ClientSampleId :

EBR-P04-SC-IA01-20250428DL

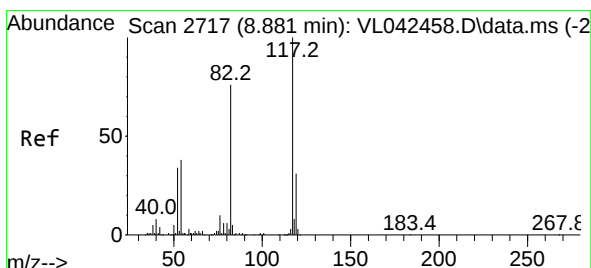
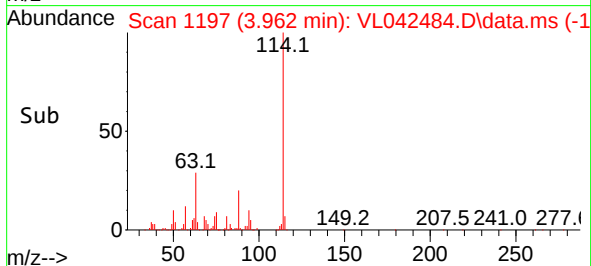
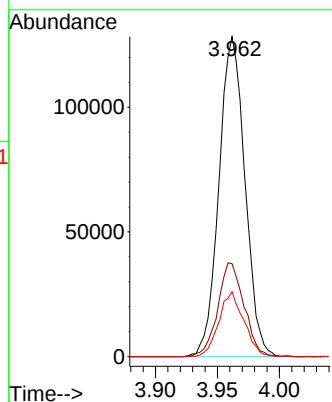
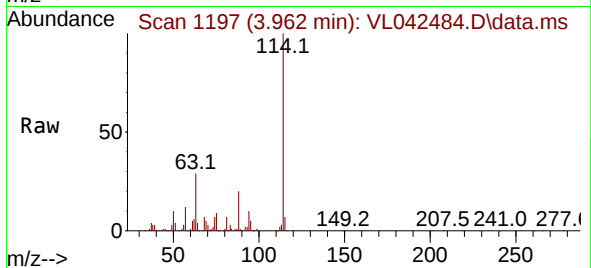
Tgt Ion:114 Resp: 187538

Ion	Ratio	Lower	Upper
114	100		
63	29.7	23.1	34.7
88	19.5	16.1	24.1

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 2718

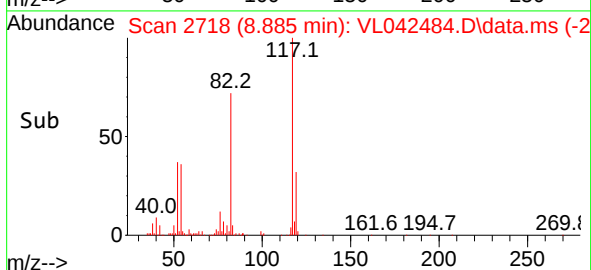
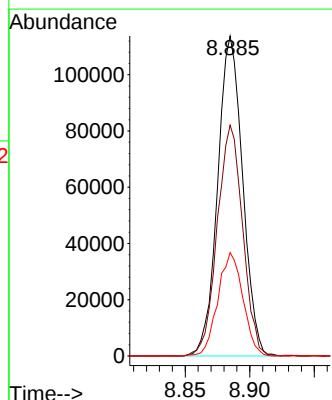
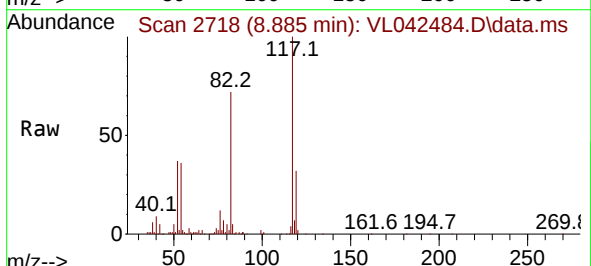
Delta R.T. 0.003 min

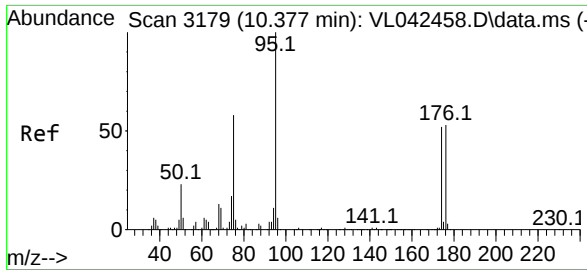
Lab File: VL042484.D

Acq: 05 May 2025 19:49

Tgt Ion:117 Resp: 152619

Ion	Ratio	Lower	Upper
117	100		
82	73.6	63.5	95.3
119	32.4	25.8	38.8





#68

1-Bromo-4-Fluorobenzene

Concen: 9.919 ppbv

RT: 10.380 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL042484.D

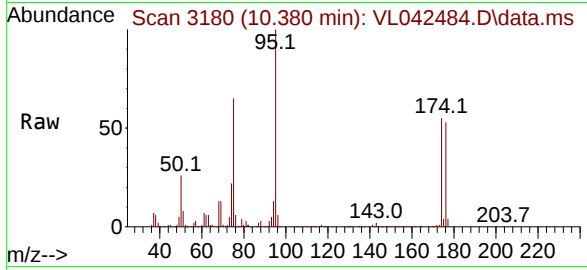
Acq: 05 May 2025 19:49

Instrument :

MSVOA_L

ClientSampleId :

EBR-P04-SC-IA01-20250428DL



Tgt Ion: 95 Resp: 140350

Ion Ratio Lower Upper

95 100

174 54.5 42.7 64.1

175 4.1 3.6 5.4

Manual Integrations

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