

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
 Data File : VL042432.D
 Acq On : 28 Apr 2025 18:35
 Operator : SY/MD
 Sample : Q1880-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EBR-P02-SC-DUP01-20250423

Quant Time: Apr 29 01:41:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/29/2025
 Supervised By : Mahesh Dadoda 04/30/2025

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

Internal Standards						
1) Bromochloromethane	2.784	49	122971	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	342098	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	294438	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	255363	10.554	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	11450	0.527	ppbv	98
3) Chlorodifluoromethane	1.473	51	4767m	0.230	ppbv	
4) Chloromethane	1.531	50	7038	0.819	ppbv	98
9) Propene	1.486	41	5988	0.636	ppbv #	15
11) Trichlorofluoromethane	1.875	101	5413	0.262	ppbv	87
13) Ethanol	1.719	45	184120	122.946	ppbv	76
15) Acetone	1.832	43	208956	10.380	ppbv	94
19) Isopropyl Alcohol	1.884	45	25110	2.245	ppbv #	1
20) Methylene Chloride	2.059	84	8748	1.110	ppbv	96
26) Hexane	2.826	57	10774	0.536	ppbv #	36
29) Chloroform	2.849	83	3495	0.123	ppbv #	69
34) 2-Butanone	2.561	43	24147	0.892	ppbv	100
35) Carbon Tetrachloride	3.755	117	2662m	0.086	ppbv	
36) Benzene	3.651	78	4659	0.126	ppbv	95
53) Toluene	6.930	91	16874m	0.381	ppbv	
59) m/p-Xylene	9.526	91	9433	0.201	ppbv	95

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

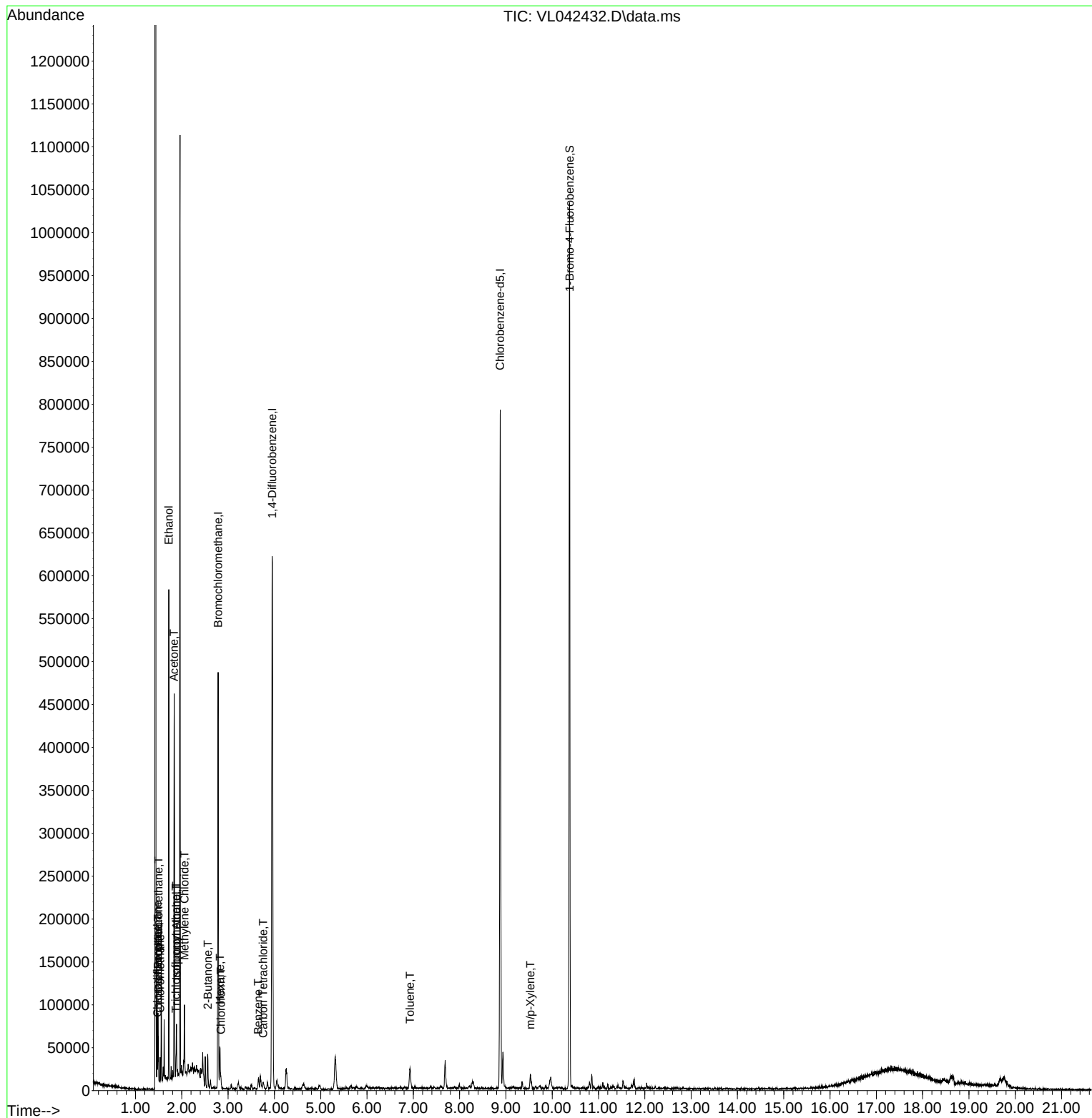
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
Data File : VL042432.D
Acq On : 28 Apr 2025 18:35
Operator : SY/MD
Sample : Q1880-06
Misc : 400mL/MSVOA_L
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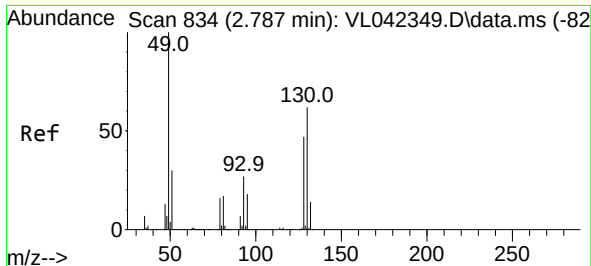
Instrument :
MSVOA_L
ClientSampleId :
EBR-P02-SC-DUP01-20250423

Quant Time: Apr 29 01:41:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

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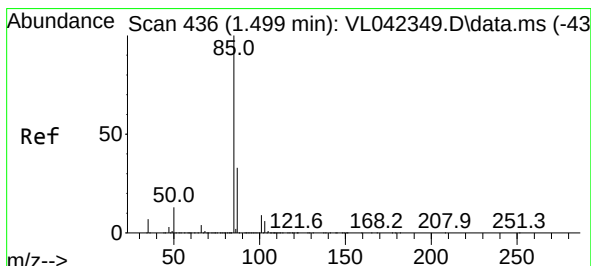
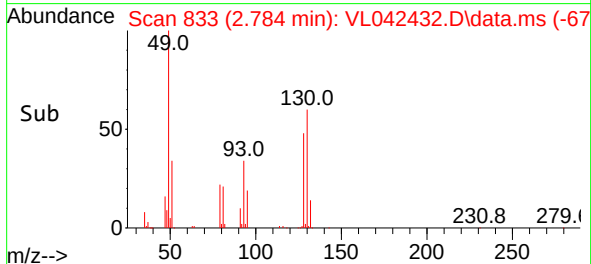
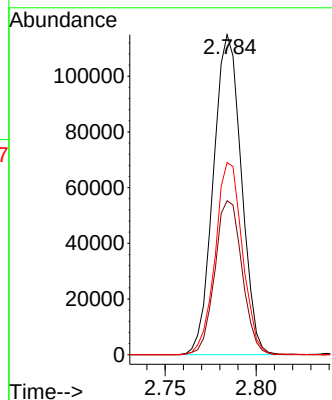
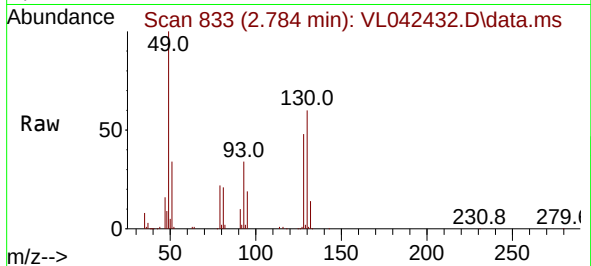
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042432.D
Acq: 28 Apr 2025 18:35

Instrument : MSVOA_L
ClientSampleId : EBR-P02-SC-DUP01-20250423

Tgt Ion: 49 Resp: 12297
Ion Ratio Lower Upper
49 100
128 46.9 22.8 68.4
130 58.4 29.3 88.0

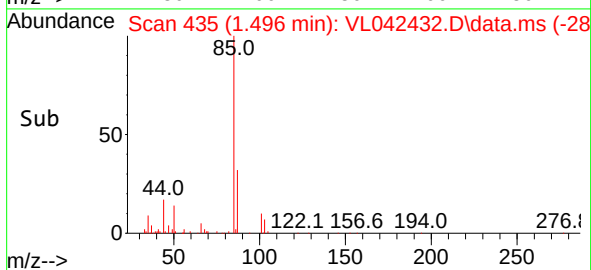
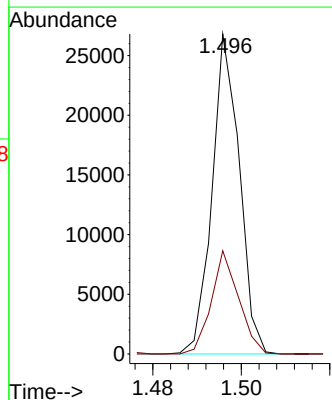
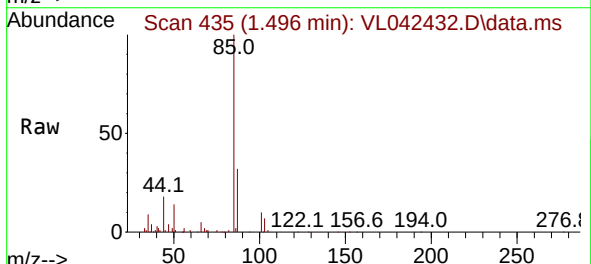
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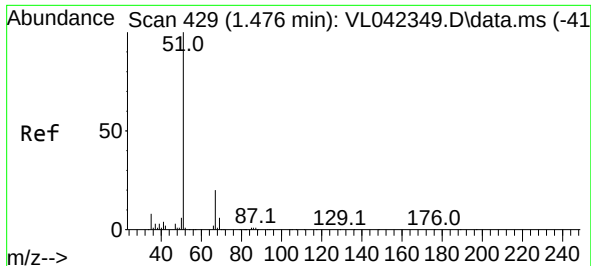
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#2
Dichlorodifluoromethane
Concen: 0.527 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.003 min
Lab File: VL042432.D
Acq: 28 Apr 2025 18:35

Tgt Ion: 85 Resp: 11450
Ion Ratio Lower Upper
85 100
87 32.2 26.6 39.8





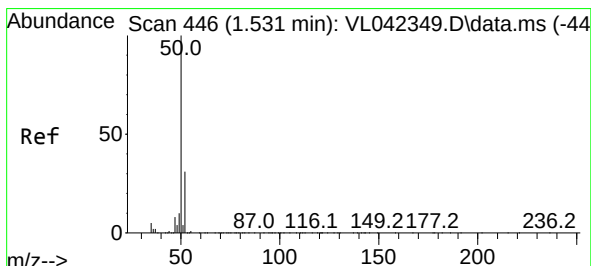
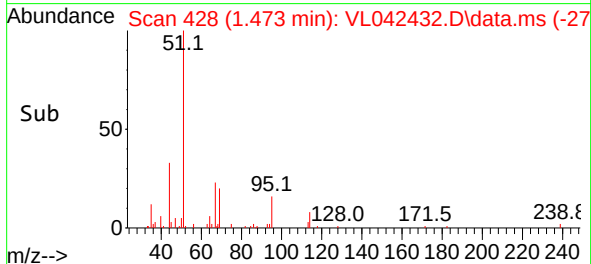
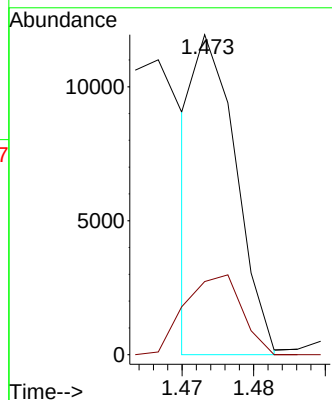
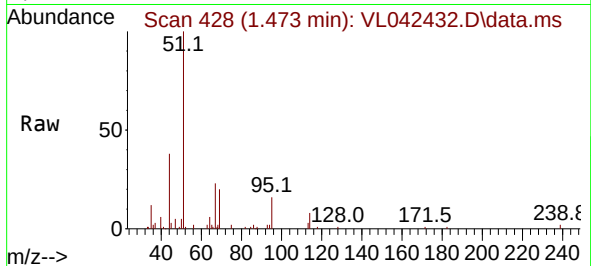
#3
Chlorodifluoromethane
Concen: 0.230 ppbv m
RT: 1.473 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042432.D
Acq: 28 Apr 2025 18:35

Instrument :
MSVOA_L
ClientSampleId :
EBR-P02-SC-DUP01-20250423

Tgt Ion: 51 Resp: 476
Ion Ratio Lower Upper
51 100
67 35.1 16.2 24.4

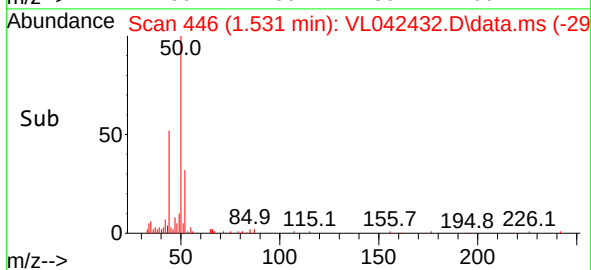
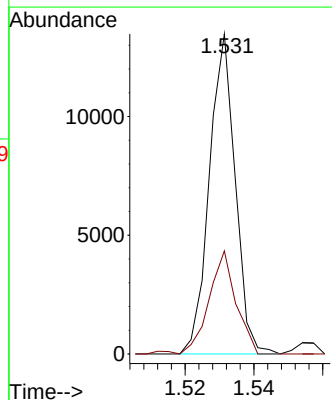
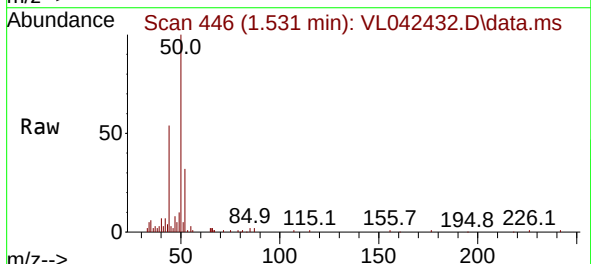
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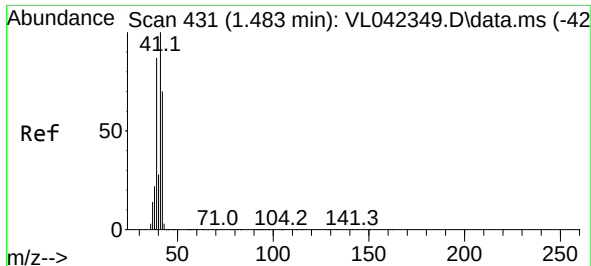
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#4
Chloromethane
Concen: 0.819 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042432.D
Acq: 28 Apr 2025 18:35

Tgt Ion: 50 Resp: 7038
Ion Ratio Lower Upper
50 100
52 32.2 24.7 37.1





#9

Propene

Concen: 0.636 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.004 min

Lab File: VL042432.D

Acq: 28 Apr 2025 18:35

Instrument :

MSVOA_L

ClientSampleId :

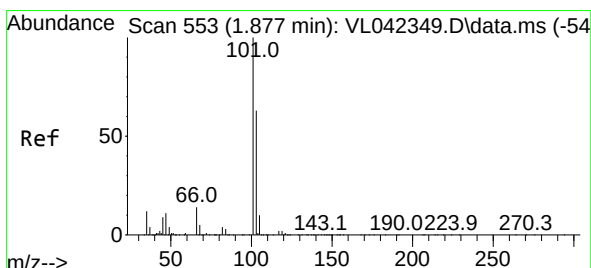
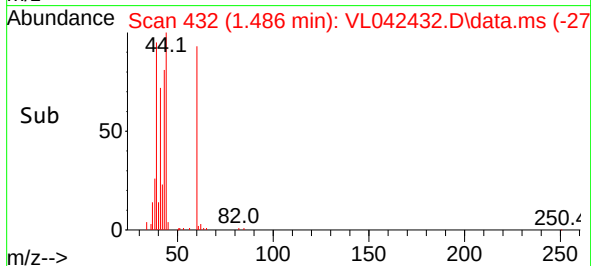
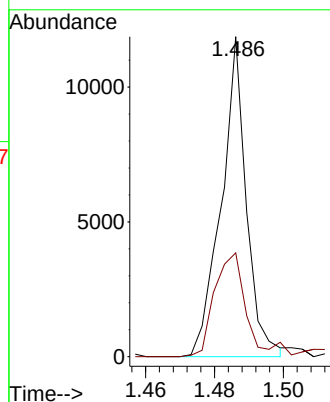
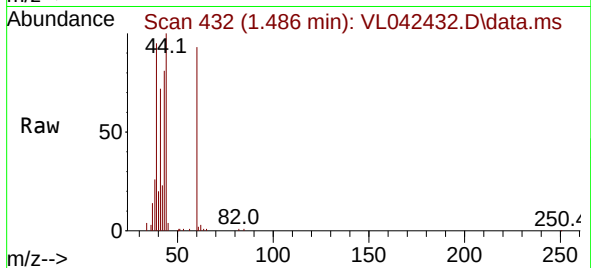
EBR-P02-SC-DUP01-20250423

Tgt Ion: 41 Resp: 5988
 Ion Ratio Lower Upper
 41 100
 42 0.0 56.2 84.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/29/2025
 Supervised By :Mahesh Dadoda 04/30/2025



#11

Trichlorofluoromethane

Concen: 0.262 ppbv

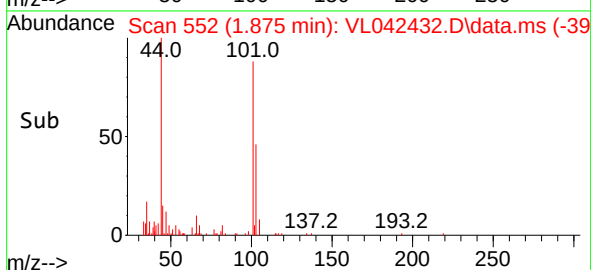
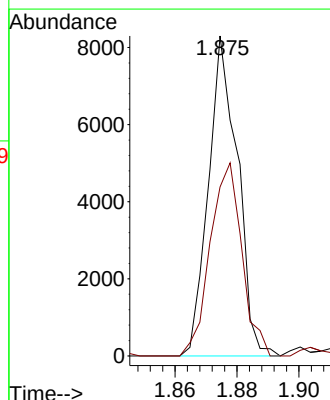
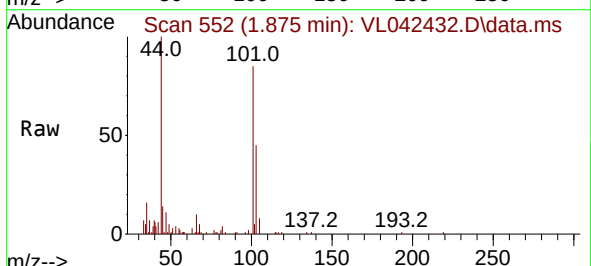
RT: 1.875 min Scan# 552

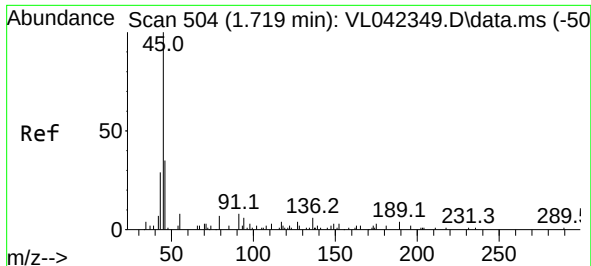
Delta R.T. -0.003 min

Lab File: VL042432.D

Acq: 28 Apr 2025 18:35

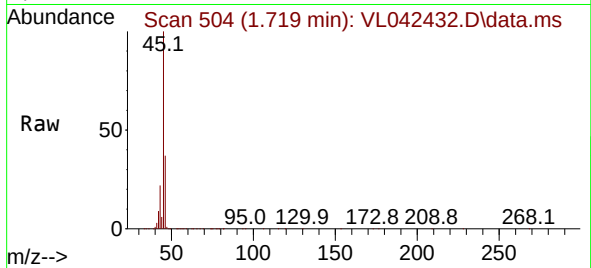
Tgt Ion:101 Resp: 5413
 Ion Ratio Lower Upper
 101 100
 103 52.8 50.1 75.1





#13
Ethanol
Concen: 122.946 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042432.D
Acq: 28 Apr 2025 18:35

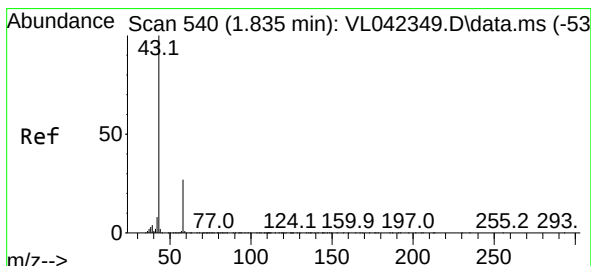
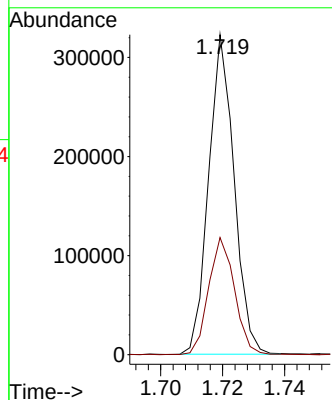
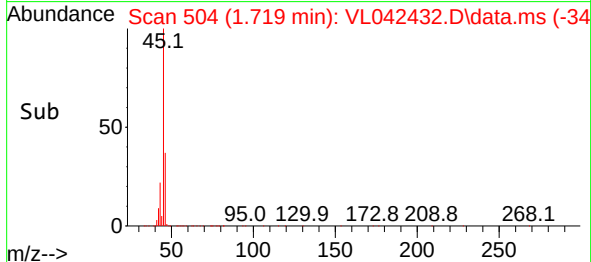
Instrument :
MSVOA_L
ClientSampleId :
EBR-P02-SC-DUP01-20250423



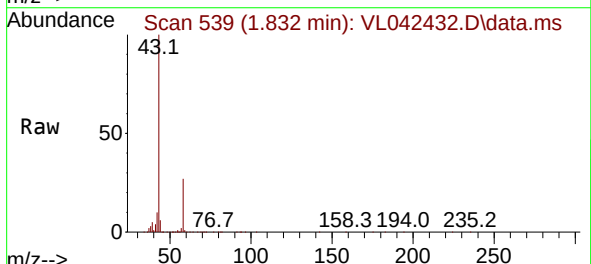
Tgt Ion: 45 Resp: 184120
Ion Ratio Lower Upper
45 100
46 37.6 21.9 87.7

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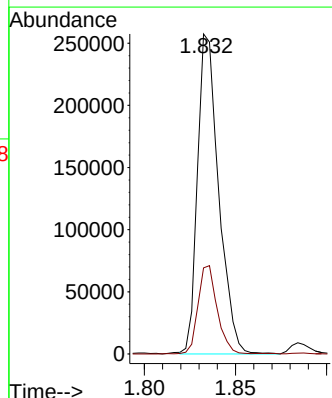
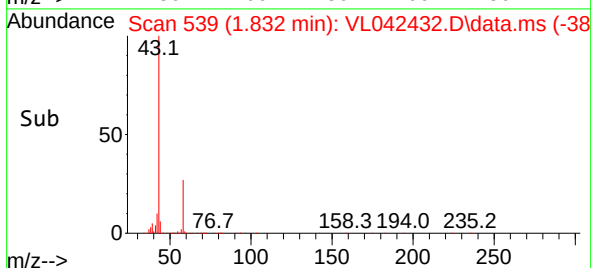
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025

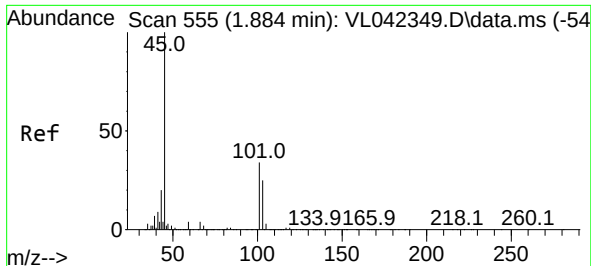


#15
Acetone
Concen: 10.380 ppbv
RT: 1.832 min Scan# 539
Delta R.T. -0.003 min
Lab File: VL042432.D
Acq: 28 Apr 2025 18:35



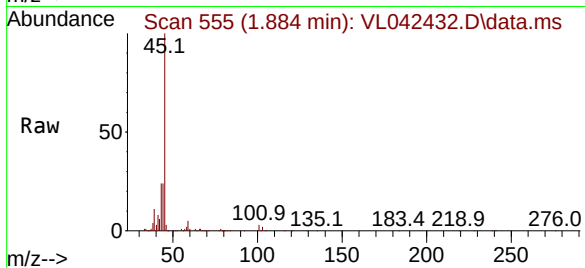
Tgt Ion: 43 Resp: 208956
Ion Ratio Lower Upper
43 100
58 25.1 22.4 33.6





#19
Isopropyl Alcohol
Concen: 2.245 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL042432.D
Acq: 28 Apr 2025 18:35

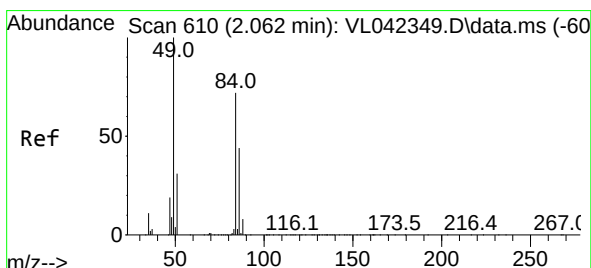
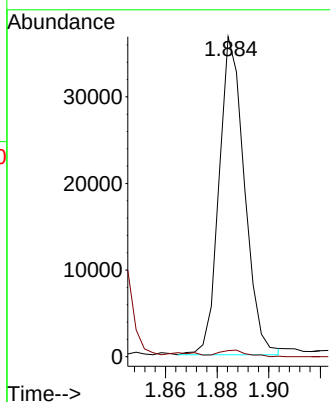
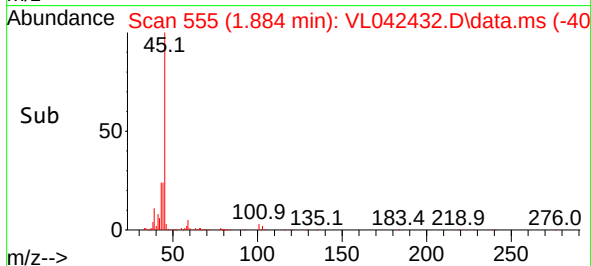
Instrument : MSVOA_L
ClientSampleId : EBR-P02-SC-DUP01-20250423



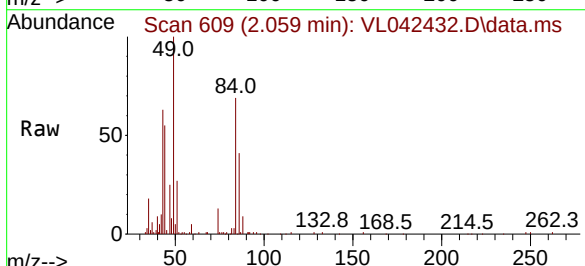
Tgt Ion: 45 Resp: 25110
Ion Ratio Lower Upper
45 100
58 208.6 34.5 51.7

Manual Integrations
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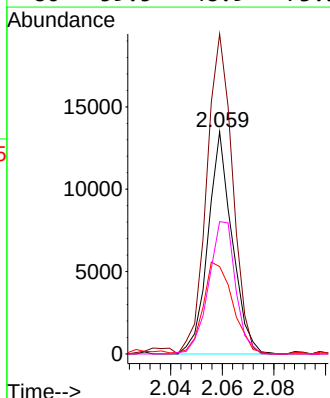
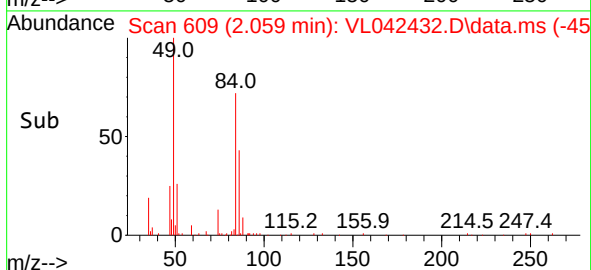
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025

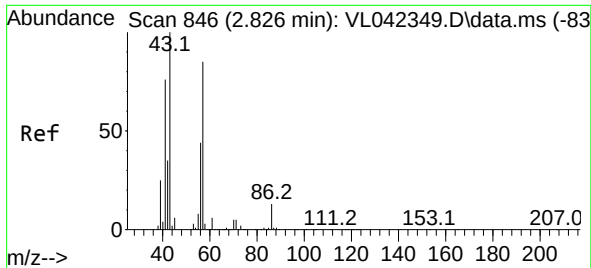


#20
Methylene Chloride
Concen: 1.110 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042432.D
Acq: 28 Apr 2025 18:35



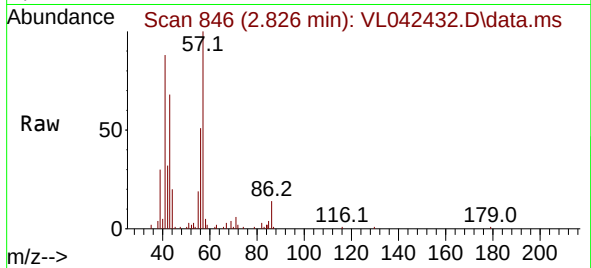
Tgt Ion: 84 Resp: 8748
Ion Ratio Lower Upper
84 100
49 144.0 111.6 167.4
51 39.3 35.1 52.7
86 59.5 48.9 73.3





#26
Hexane
Concen: 0.536 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042432.D
Acq: 28 Apr 2025 18:35

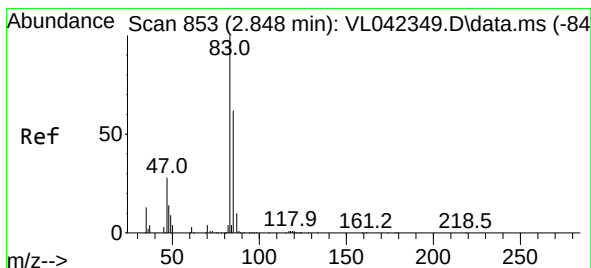
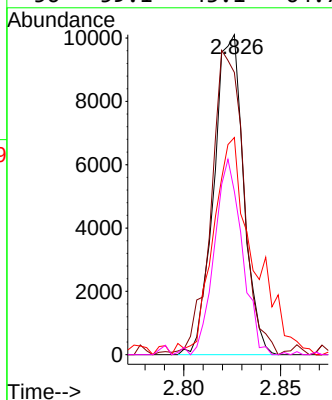
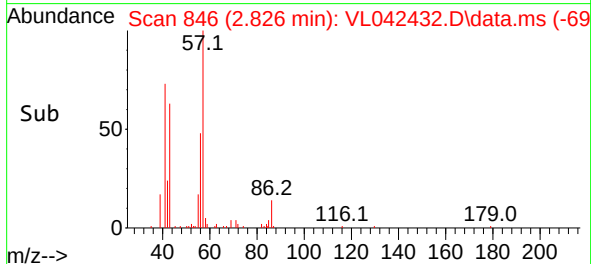
Instrument : MSVOA_L
ClientSampleId : EBR-P02-SC-DUP01-20250423



Tgt Ion: 57 Resp: 10774
Ion Ratio Lower Upper
57 100
41 107.7 77.9 116.9
43 89.7 208.4 312.6
56 59.1 43.1 64.7

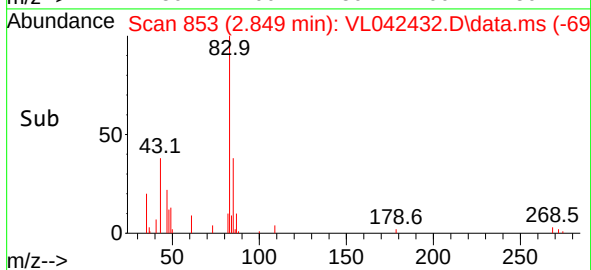
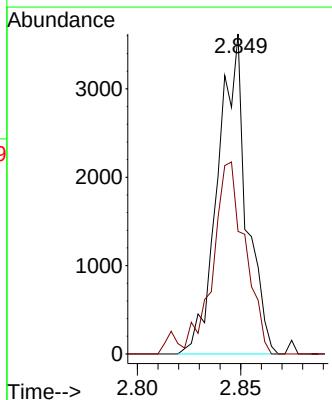
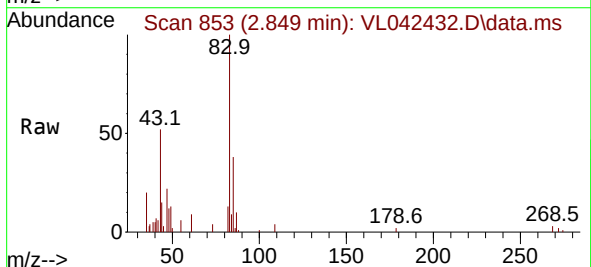
Manual Integrations
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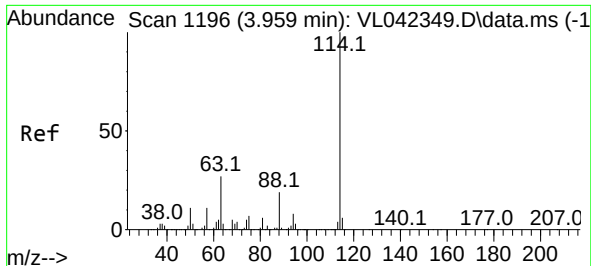
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#29
Chloroform
Concen: 0.123 ppbv
RT: 2.849 min Scan# 853
Delta R.T. 0.000 min
Lab File: VL042432.D
Acq: 28 Apr 2025 18:35

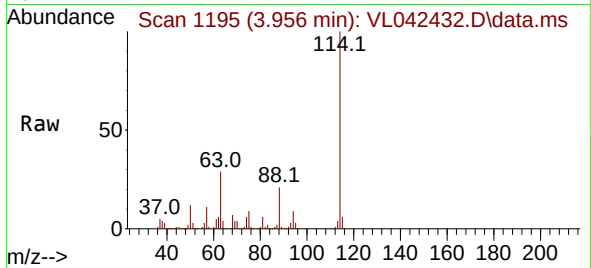
Tgt Ion: 83 Resp: 3495
Ion Ratio Lower Upper
83 100
85 38.3 50.0 75.0#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.956 min Scan# 1195
Delta R.T. -0.003 min
Lab File: VL042432.D
Acq: 28 Apr 2025 18:35

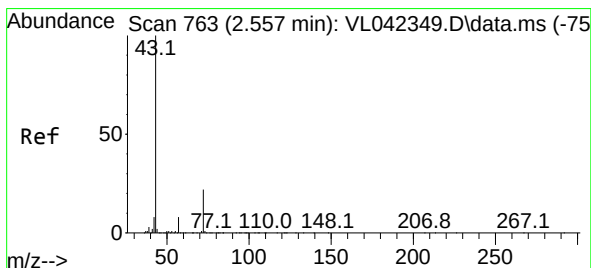
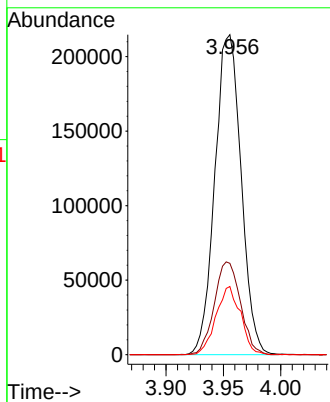
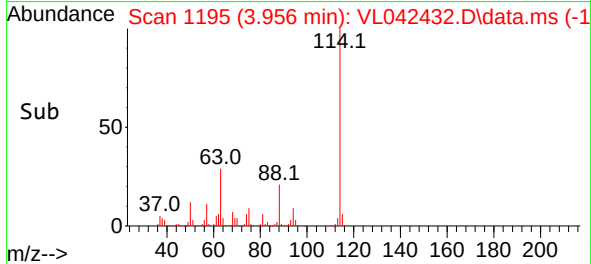
Instrument : MSVOA_L
ClientSampleId : EBR-P02-SC-DUP01-20250423



Tgt Ion:114 Resp: 342098
Ion Ratio Lower Upper
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63 29.0 21.8 32.6
88 19.9 15.5 23.3

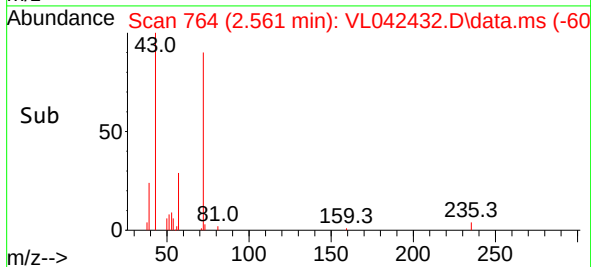
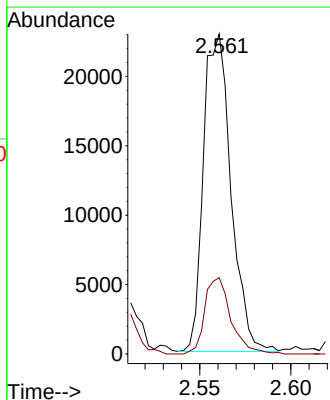
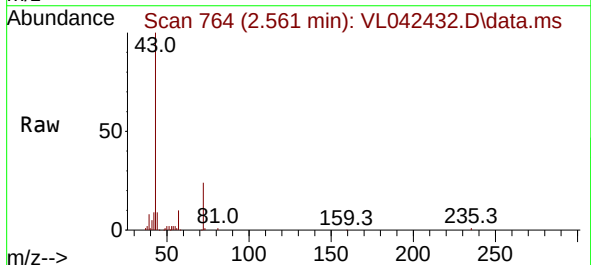
Manual Integrations
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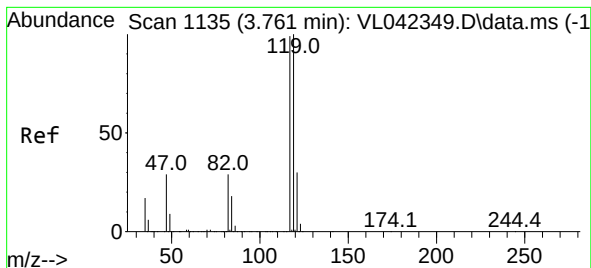
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#34
2-Butanone
Concen: 0.892 ppbv
RT: 2.561 min Scan# 764
Delta R.T. 0.004 min
Lab File: VL042432.D
Acq: 28 Apr 2025 18:35

Tgt Ion: 43 Resp: 24147
Ion Ratio Lower Upper
43 100
72 22.8 18.2 27.2





#35

Carbon Tetrachloride

Concen: 0.086 ppbv m

RT: 3.755 min Scan# 1135

Delta R.T. -0.006 min

Lab File: VL042432.D

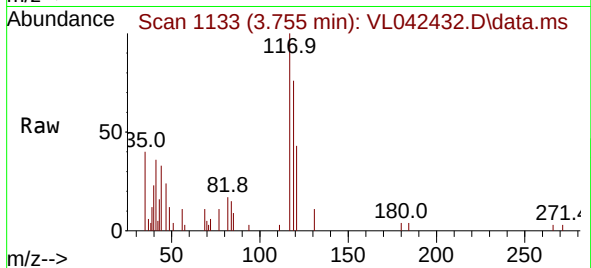
Acq: 28 Apr 2025 18:35

Instrument :

MSVOA_L

ClientSampleId :

EBR-P02-SC-DUP01-20250423



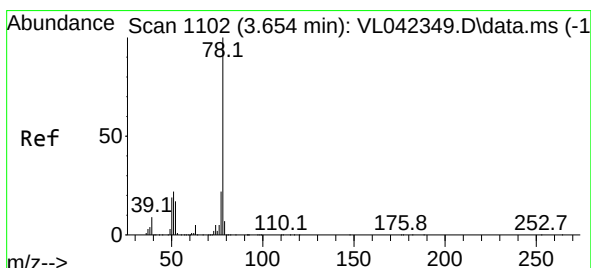
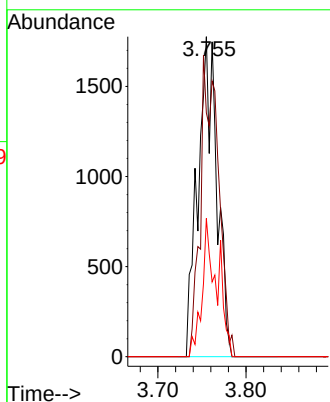
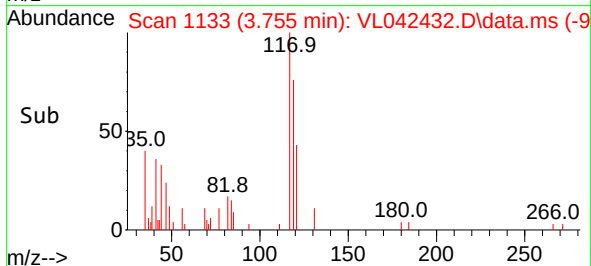
Tgt Ion: 117 Resp: 2662

Ion	Ratio	Lower	Upper
117	100		
119	76.2	80.5	120.7
121	43.2	24.2	36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#36

Benzene

Concen: 0.126 ppbv

RT: 3.651 min Scan# 1101

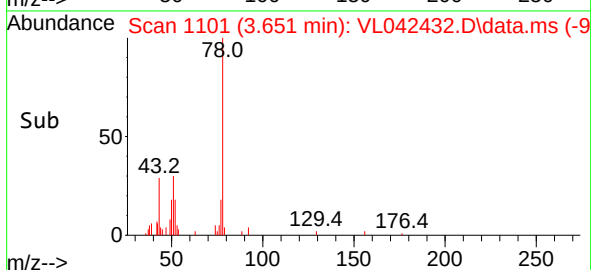
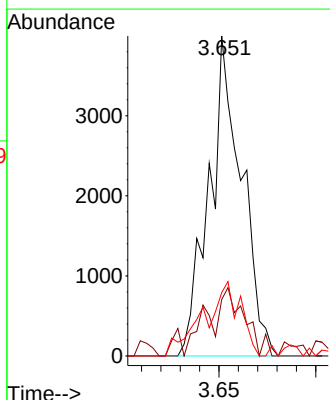
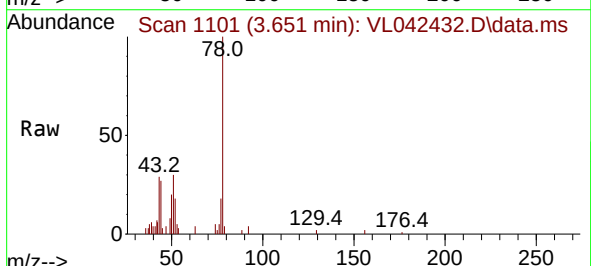
Delta R.T. -0.003 min

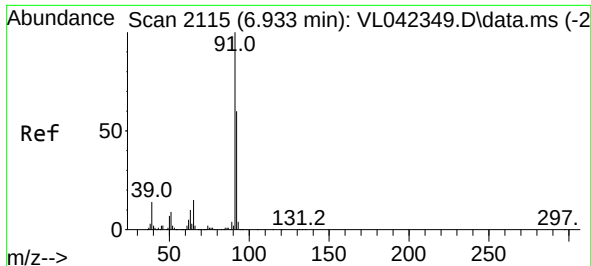
Lab File: VL042432.D

Acq: 28 Apr 2025 18:35

Tgt Ion: 78 Resp: 4659

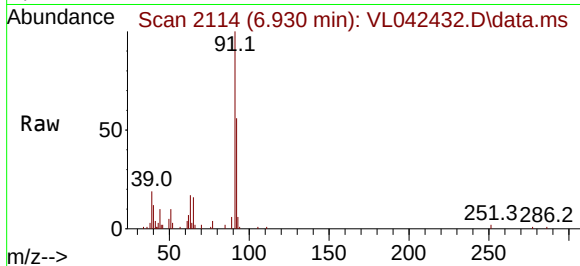
Ion	Ratio	Lower	Upper
78	100		
77	17.6	17.4	26.0
50	19.8	15.5	23.3





#53
Toluene
Concen: 0.381 ppbv m
RT: 6.930 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VL042432.D
Acq: 28 Apr 2025 18:35

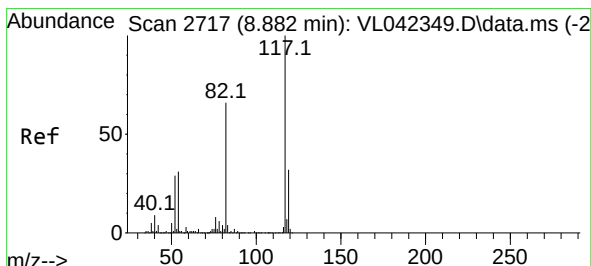
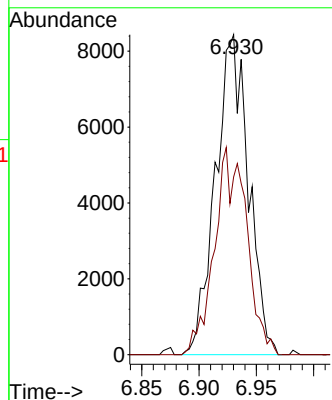
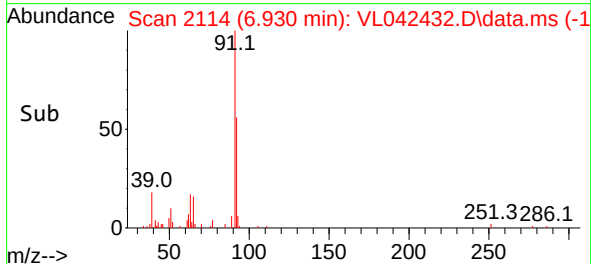
Instrument : MSVOA_L
ClientSampleId : EBR-P02-SC-DUP01-20250423



Tgt Ion: 91 Resp: 16874
Ion Ratio Lower Upper
91 100
92 63.5 48.2 72.4

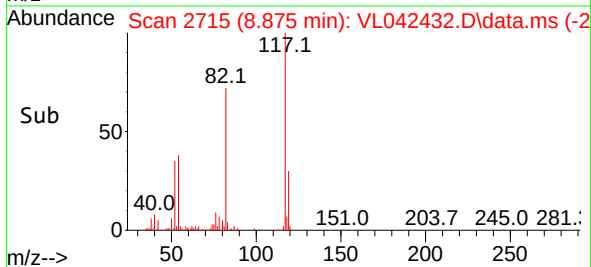
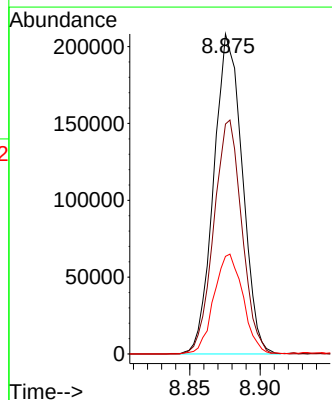
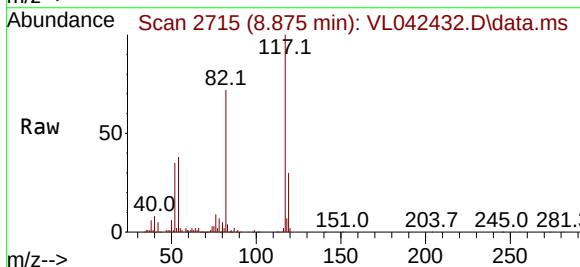
Manual Integrations
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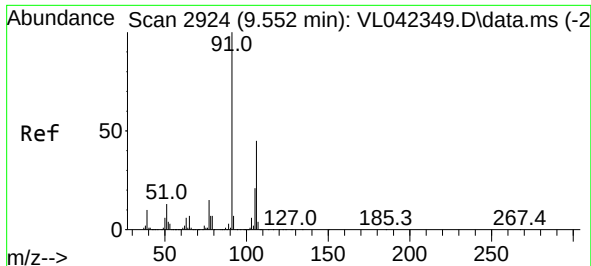
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2715
Delta R.T. -0.006 min
Lab File: VL042432.D
Acq: 28 Apr 2025 18:35

Tgt Ion:117 Resp: 294438
Ion Ratio Lower Upper
117 100
82 72.1 57.8 86.6
119 31.8 25.2 37.8





#59

m/p-Xylene

Concen: 0.201 ppbv

RT: 9.526 min Scan# 2916

Delta R.T. -0.026 min

Lab File: VL042432.D

Acq: 28 Apr 2025 18:35

Instrument :

MSVOA_L

ClientSampleId :

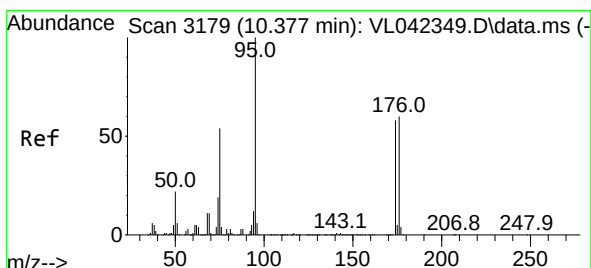
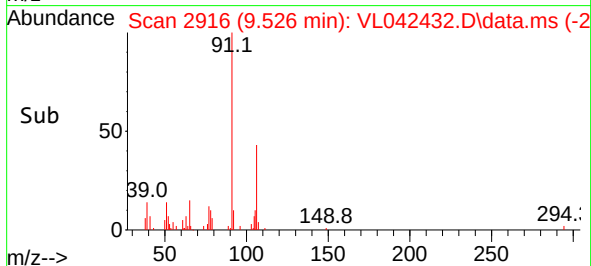
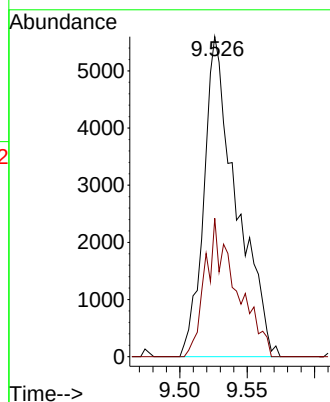
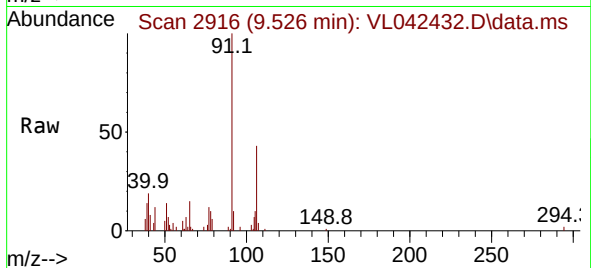
EBR-P02-SC-DUP01-20250423

Tgt Ion: 91 Resp: 943
 Ion Ratio Lower Upper
 91 100
 106 41.1 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
 Supervised By :Mahesh Dadoda 04/30/2025



#68

1-Bromo-4-Fluorobenzene

Concen: 10.554 ppbv

RT: 10.374 min Scan# 3178

Delta R.T. -0.003 min

Lab File: VL042432.D

Acq: 28 Apr 2025 18:35

Tgt Ion: 95 Resp: 255363
 Ion Ratio Lower Upper
 95 100
 174 52.6 48.5 72.7
 175 3.7 3.7 5.5

