

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
 Data File : VL042244.D
 Acq On : 07 Apr 2025 22:09
 Operator : SY/MD
 Sample : Q1725-03DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-DUP-2-04012025DL

Quant Time: Apr 08 01:37:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/08/2025
 Supervised By : Mahesh Dadoda 04/09/2025

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

Internal Standards						
1) Bromochloromethane	2.803	49	190938	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.985	114	485801	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.904	117	425989	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.396	95	345971	9.890	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.505	85	3344	0.119	ppbv #	85
4) Chloromethane	1.538	50	1532	0.133	ppbv	100
9) Propene	1.496	41	1795	0.136	ppbv	98
13) Ethanol	1.729	45	4551m	3.647	ppbv	
15) Acetone	1.845	43	291841	10.929	ppbv	95
19) Isopropyl Alcohol	1.894	45	547602	36.345	ppbv #	32
20) Methylene Chloride	2.072	84	2917	0.293	ppbv #	82
29) Chloroform	2.865	83	4185	0.107	ppbv #	81
34) 2-Butanone	2.580	43	3751	0.106	ppbv	97
53) Toluene	6.962	91	8739m	0.153	ppbv	
58) Ethyl Benzene	9.374	91	19351	0.256	ppbv	98
59) m/p-Xylene	9.555	91	63265	1.047	ppbv	100
60) o-Xylene	9.985	91	12718	0.210	ppbv	94

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

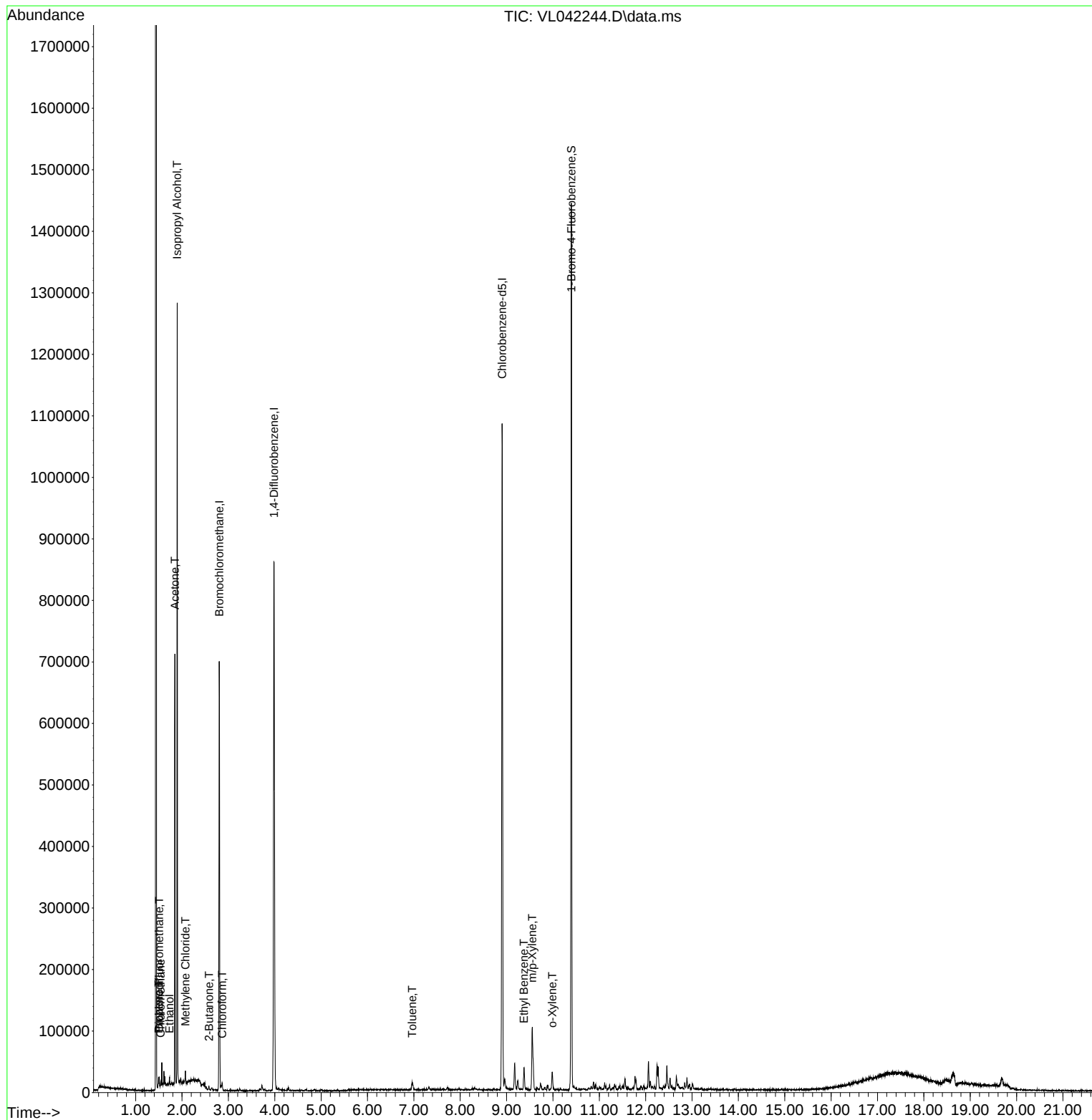
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
Data File : VL042244.D
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Operator : SY/MD
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Misc : 400mL/MSVOA_L
ALS Vial : 12 Sample Multiplier: 1

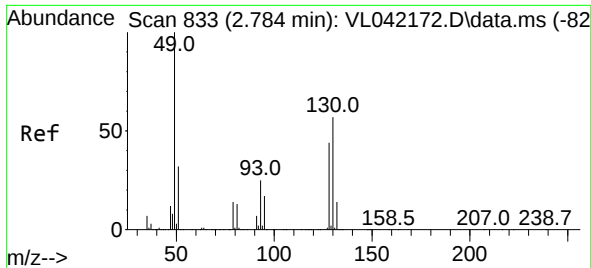
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-2-04012025DL

Quant Time: Apr 08 01:37:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

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APPROVED

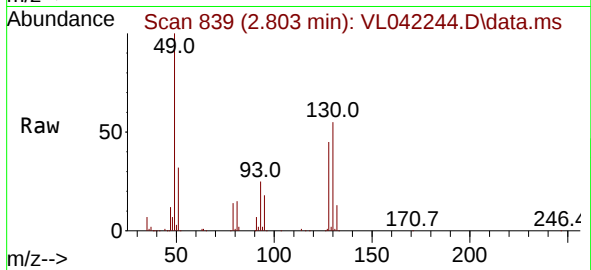
Reviewed By : Semsettin Yesilyurt 04/08/2025
Supervised By : Mahesh Dadoda 04/09/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 81
Delta R.T. 0.019 min
Lab File: VL042244.D
Acq: 07 Apr 2025 22:09

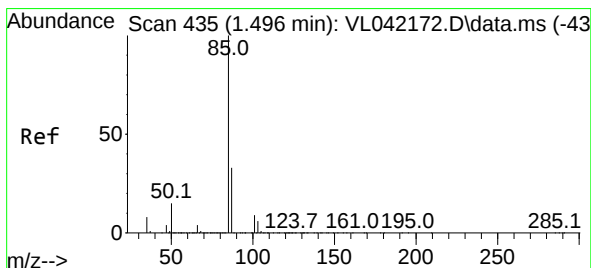
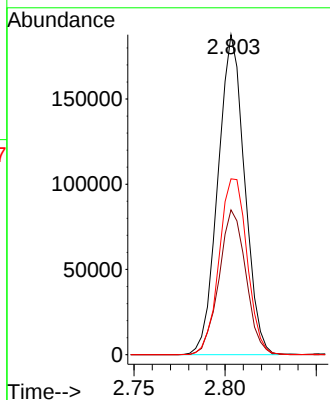
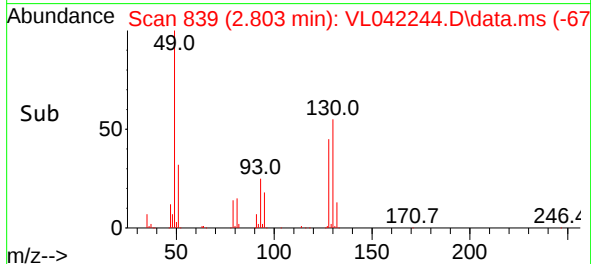
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-2-04012025DL



Tgt Ion: 49 Resp: 190938
Ion Ratio Lower Upper
49 100
128 45.6 22.9 68.5
130 57.8 28.8 86.4

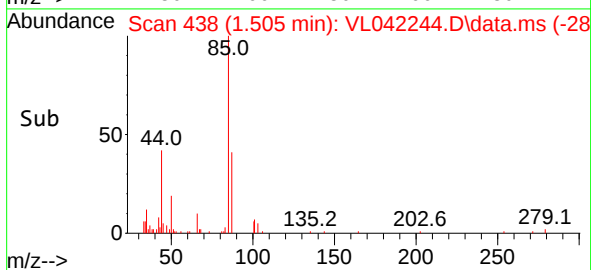
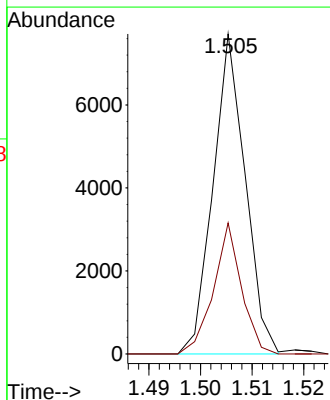
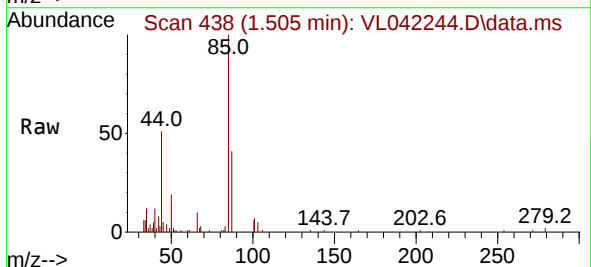
Manual Integrations
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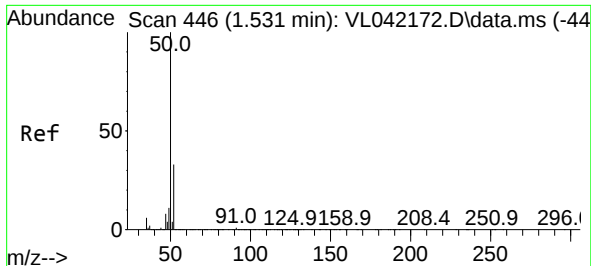
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#2
Dichlorodifluoromethane
Concen: 0.119 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.010 min
Lab File: VL042244.D
Acq: 07 Apr 2025 22:09

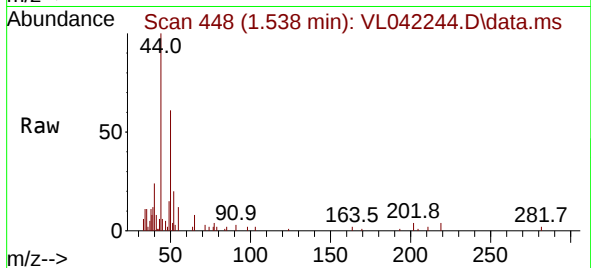
Tgt Ion: 85 Resp: 3344
Ion Ratio Lower Upper
85 100
87 41.0 26.1 39.1#





#4
Chloromethane
Concen: 0.133 ppbv
RT: 1.538 min Scan# 446
Delta R.T. 0.006 min
Lab File: VL042244.D
Acq: 07 Apr 2025 22:09

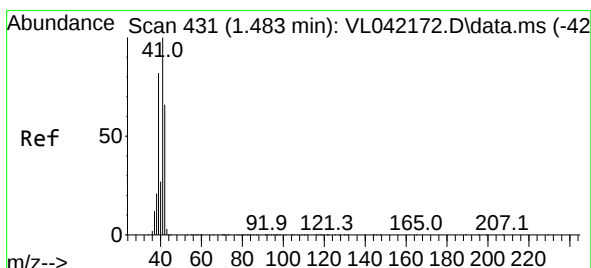
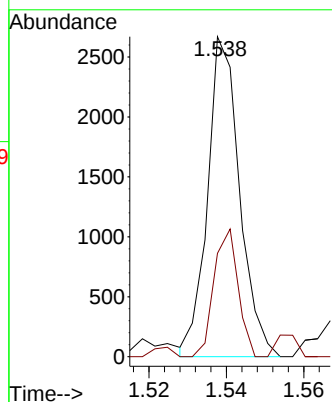
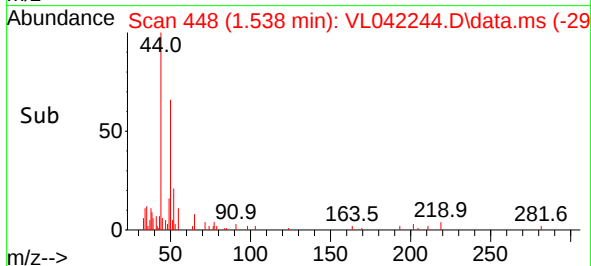
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-2-04012025DL



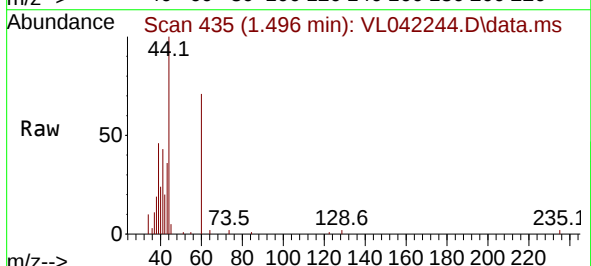
Tgt Ion: 50 Resp: 1532
Ion Ratio Lower Upper
50 100
52 32.3 26.1 39.1

Manual Integrations
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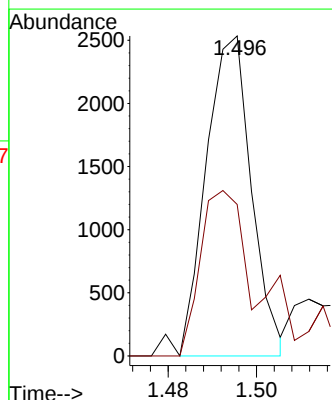
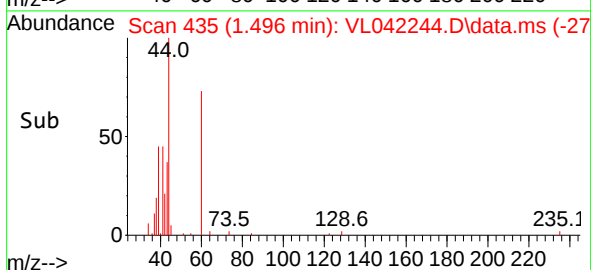
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

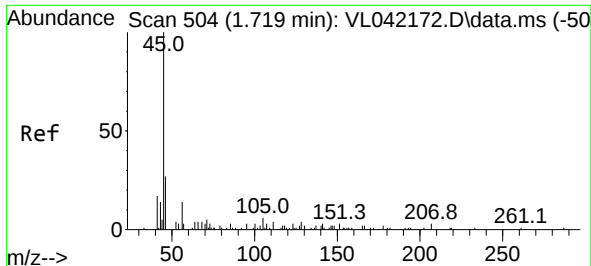


#9
Propene
Concen: 0.136 ppbv
RT: 1.496 min Scan# 435
Delta R.T. 0.013 min
Lab File: VL042244.D
Acq: 07 Apr 2025 22:09



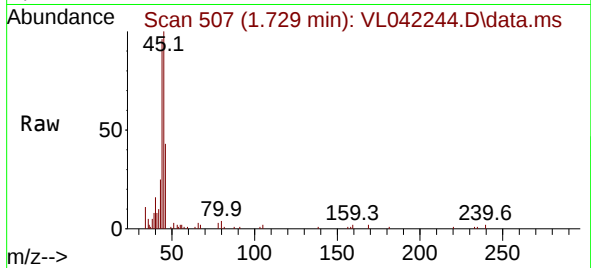
Tgt Ion: 41 Resp: 1795
Ion Ratio Lower Upper
41 100
42 71.2 55.4 83.2





#13
Ethanol
Concen: 3.647 ppbv m
RT: 1.729 min Scan# 504
Delta R.T. 0.010 min
Lab File: VL042244.D
Acq: 07 Apr 2025 22:09

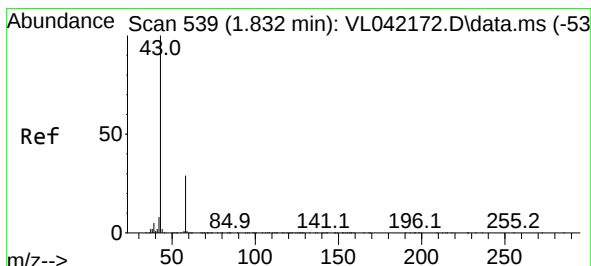
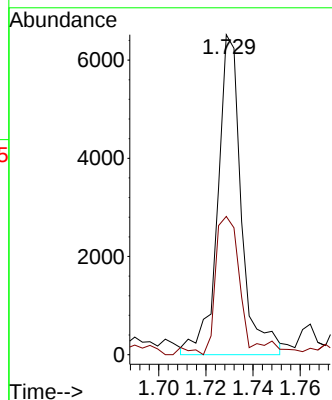
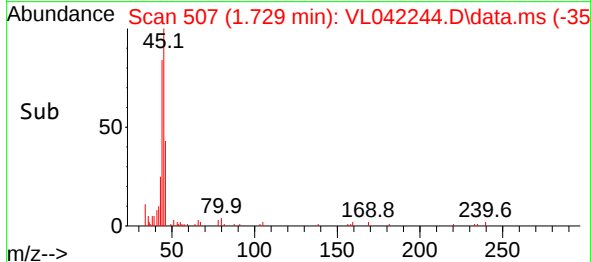
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-2-04012025DL



Tgt Ion: 45 Resp: 455
Ion Ratio Lower Upper
45 100
46 277.6 20.2 80.8

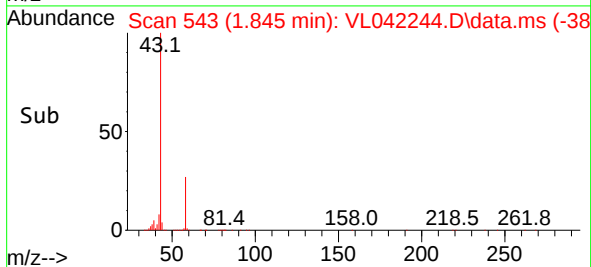
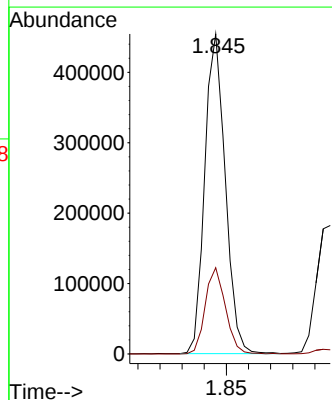
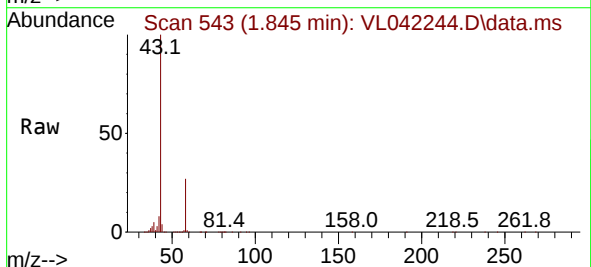
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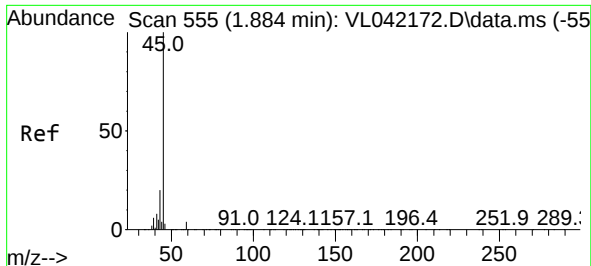
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#15
Acetone
Concen: 10.929 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.013 min
Lab File: VL042244.D
Acq: 07 Apr 2025 22:09

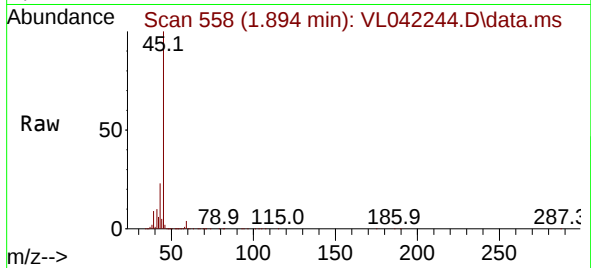
Tgt Ion: 43 Resp: 291841
Ion Ratio Lower Upper
43 100
58 26.6 23.2 34.8





#19
Isopropyl Alcohol
Concen: 36.345 ppbv
RT: 1.894 min Scan# 510
Delta R.T. 0.010 min
Lab File: VL042244.D
Acq: 07 Apr 2025 22:09

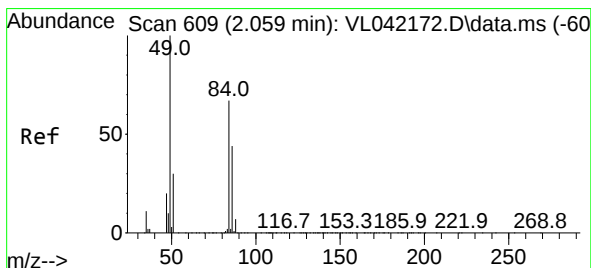
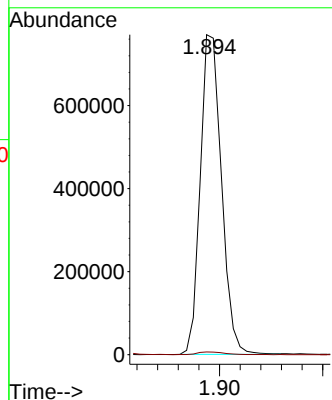
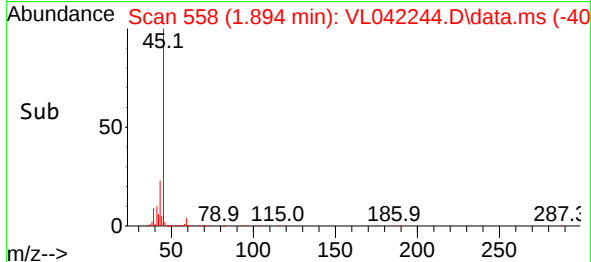
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-2-04012025DL



Tgt Ion: 45 Resp: 547602
Ion Ratio Lower Upper
45 100
58 1.2 36.9 55.3

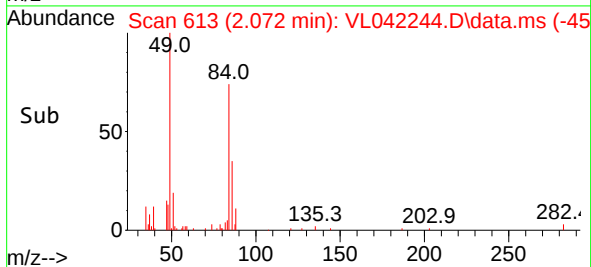
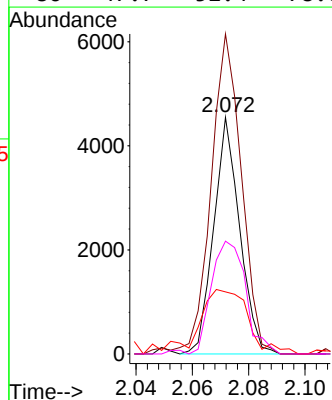
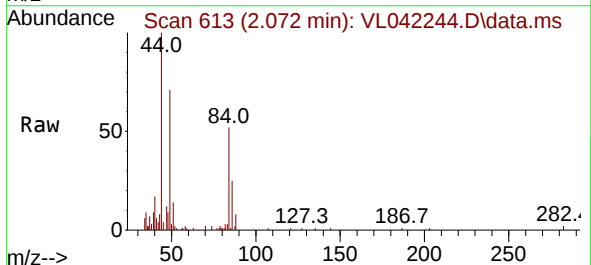
Manual Integrations
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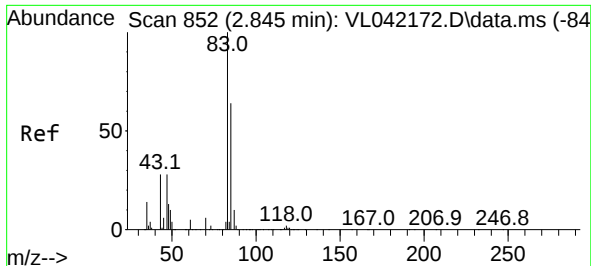
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#20
Methylene Chloride
Concen: 0.293 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.013 min
Lab File: VL042244.D
Acq: 07 Apr 2025 22:09

Tgt Ion: 84 Resp: 2917
Ion Ratio Lower Upper
84 100
49 135.2 120.2 180.4
51 24.3 37.4 56.0#
86 47.7 52.4 78.6#





#29

Chloroform

Concen: 0.107 ppbv

RT: 2.865 min Scan# 8

Delta R.T. 0.019 min

Lab File: VL042244.D

Acq: 07 Apr 2025 22:09

Instrument :

MSVOA_L

ClientSampleId :

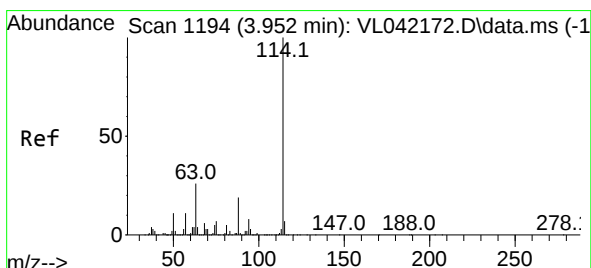
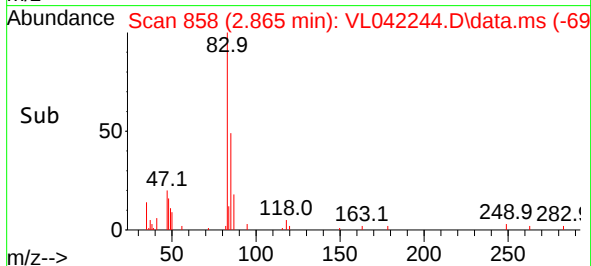
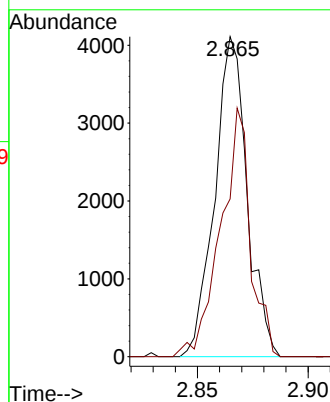
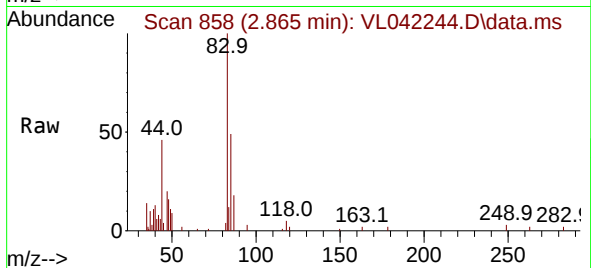
SSSG-DUP-2-04012025DL

Tgt Ion: 83 Resp: 4185
 Ion Ratio Lower Upper
 83 100
 85 49.3 51.4 77.2

Manual Integrations

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 Supervised By :Mahesh Dadoda 04/09/2025



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

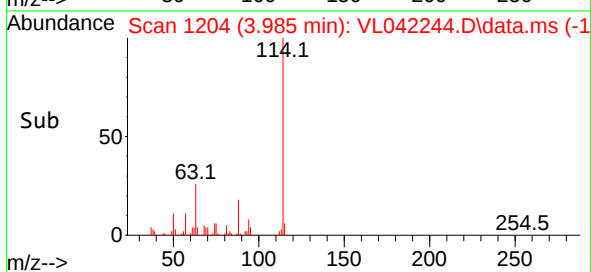
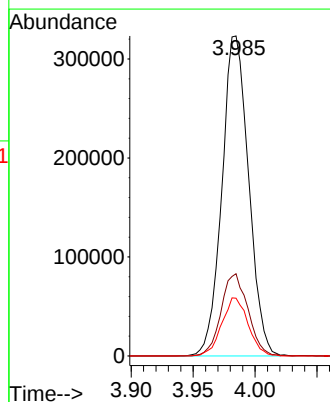
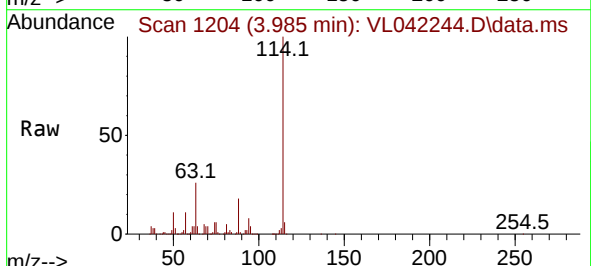
RT: 3.985 min Scan# 1204

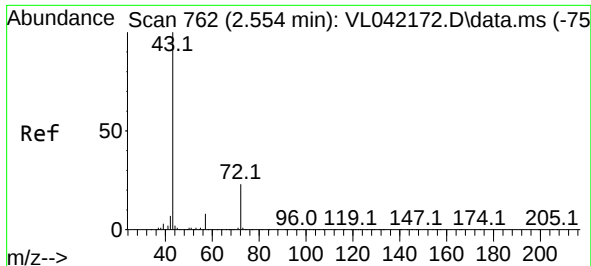
Delta R.T. 0.032 min

Lab File: VL042244.D

Acq: 07 Apr 2025 22:09

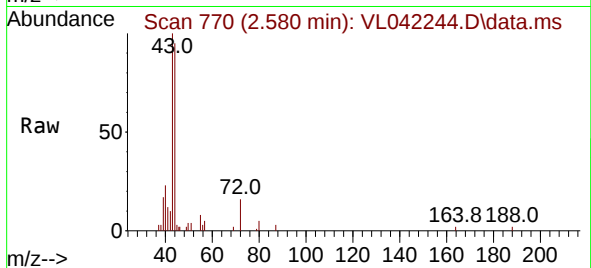
Tgt Ion:114 Resp: 485801
 Ion Ratio Lower Upper
 114 100
 63 26.0 20.7 31.1
 88 17.9 15.0 22.4





#34
2-Butanone
Concen: 0.106 ppbv
RT: 2.580 min Scan# 71
Delta R.T. 0.026 min
Lab File: VL042244.D
Acq: 07 Apr 2025 22:09

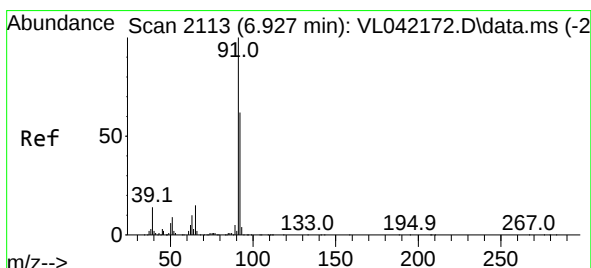
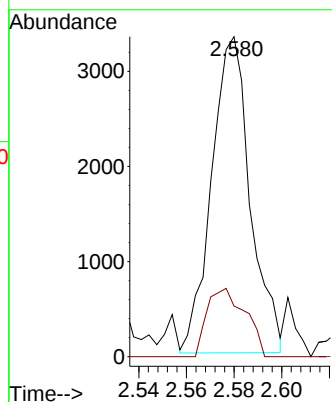
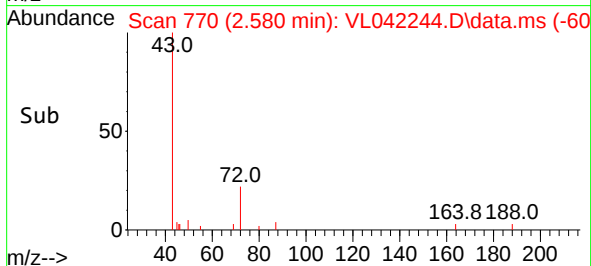
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-2-04012025DL



Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
72 21.4 18.2 27.2

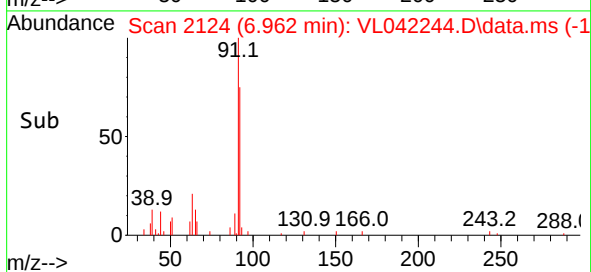
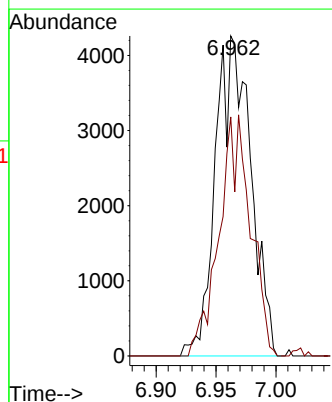
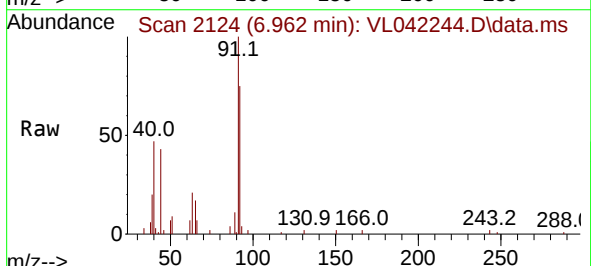
Manual Integrations
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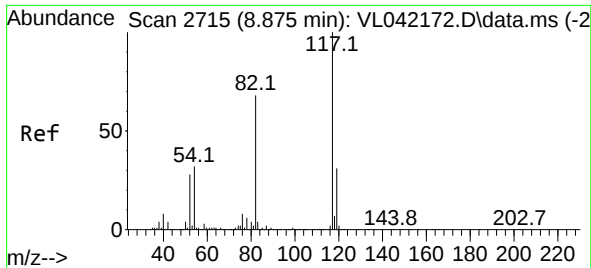
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#53
Toluene
Concen: 0.153 ppbv m
RT: 6.962 min Scan# 2124
Delta R.T. 0.035 min
Lab File: VL042244.D
Acq: 07 Apr 2025 22:09

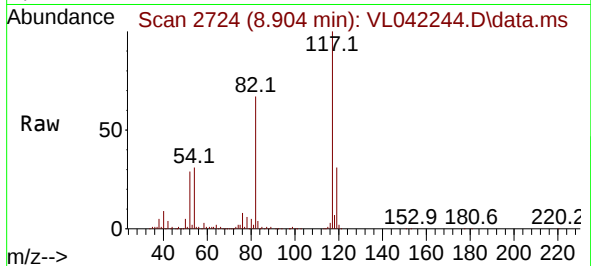
Tgt Ion: 91 Resp: 8739
Ion Ratio Lower Upper
91 100
92 67.8 48.4 72.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.904 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL042244.D
Acq: 07 Apr 2025 22:09

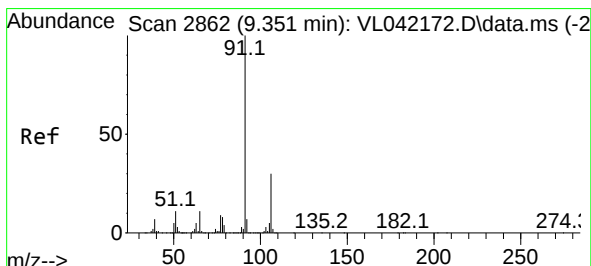
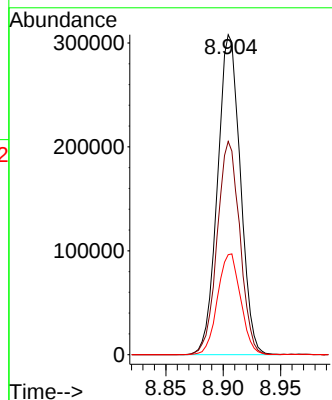
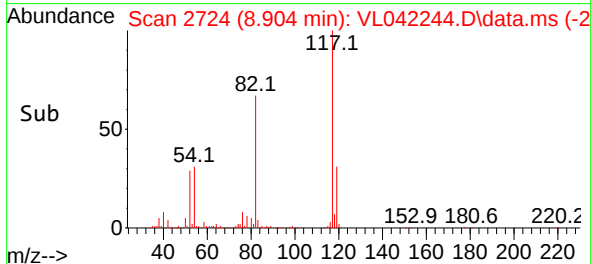
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-2-04012025DL



Tgt Ion: 117 Resp: 425989
Ion Ratio Lower Upper
117 100
82 66.3 55.8 83.6
119 31.9 25.5 38.3

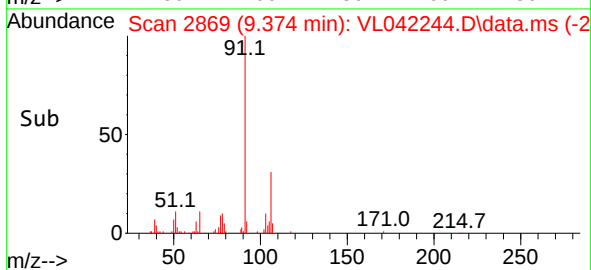
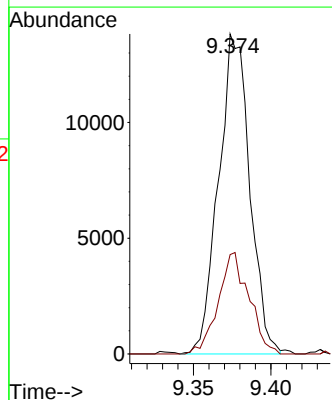
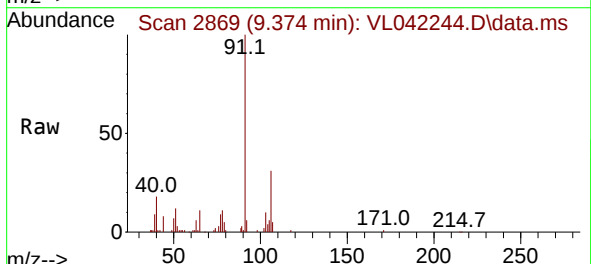
Manual Integrations
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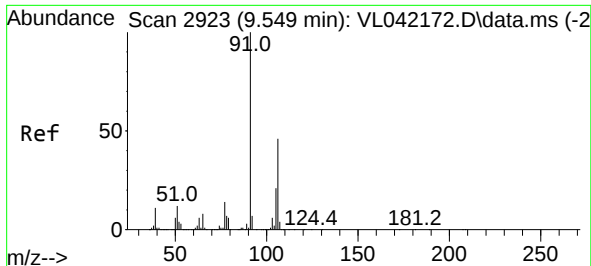
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#58
Ethyl Benzene
Concen: 0.256 ppbv
RT: 9.374 min Scan# 2869
Delta R.T. 0.023 min
Lab File: VL042244.D
Acq: 07 Apr 2025 22:09

Tgt Ion: 91 Resp: 19351
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.2





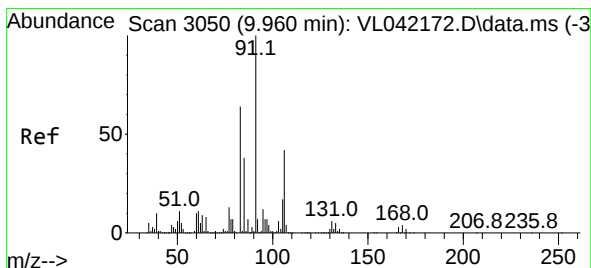
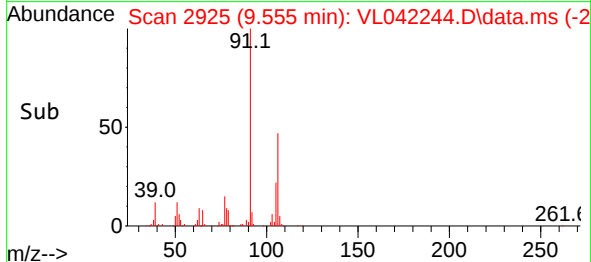
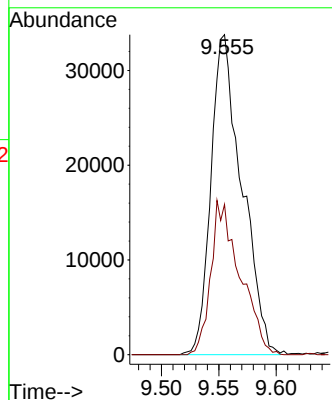
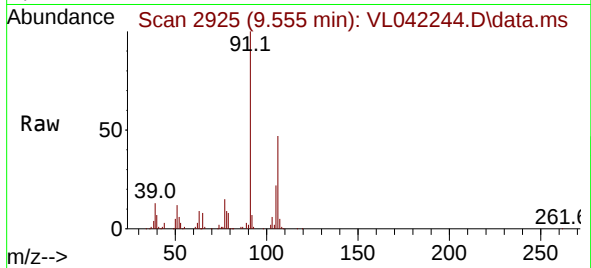
#59
m/p-Xylene
Concen: 1.047 ppbv
RT: 9.555 min Scan# 2925
Delta R.T. 0.006 min
Lab File: VL042244.D
Acq: 07 Apr 2025 22:09

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-2-04012025DL

Tgt Ion: 91 Resp: 6326
Ion Ratio Lower Upper
91 100
106 45.6 36.4 54.6

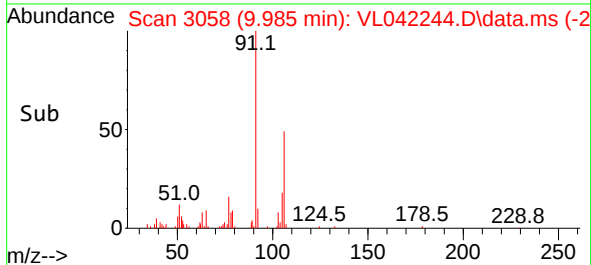
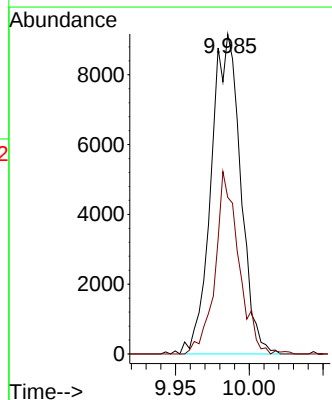
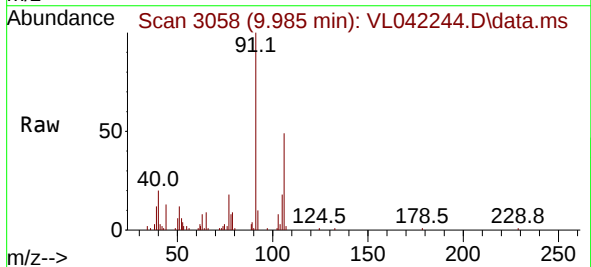
Manual Integrations
APPROVED

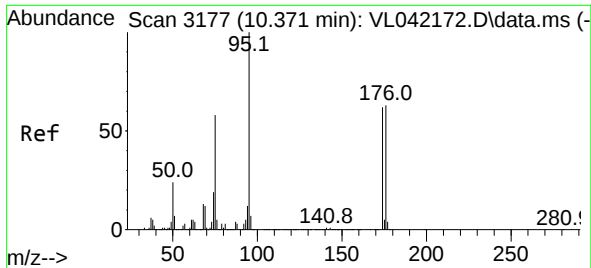
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#60
o-Xylene
Concen: 0.210 ppbv
RT: 9.985 min Scan# 3058
Delta R.T. 0.026 min
Lab File: VL042244.D
Acq: 07 Apr 2025 22:09

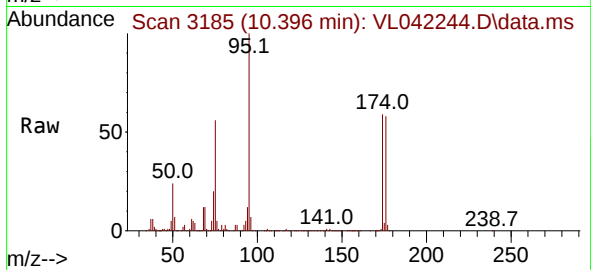
Tgt Ion: 91 Resp: 12718
Ion Ratio Lower Upper
91 100
106 45.7 20.8 62.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.890 ppbv
 RT: 10.396 min Scan# 3177
 Delta R.T. 0.026 min
 Lab File: VL042244.D
 Acq: 07 Apr 2025 22:09

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-DUP-2-04012025DL



Tgt Ion: 95 Resp: 34597
 Ion Ratio Lower Upper
 95 100
 174 60.2 50.6 76.0
 175 4.4 3.8 5.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025
 Supervised By :Mahesh Dadoda 04/09/2025

