

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
 Data File : VL042246.D
 Acq On : 07 Apr 2025 23:11
 Operator : SY/MD
 Sample : Q1725-05DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B14-3-04012025DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 08 01:37:58 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.803	49	189563	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.984	114	475002	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.904	117	416393	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.396	95	323769	9.468	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.700%
Target Compounds						
					Qvalue	
13) Ethanol	1.732	45	1458m	1.177	ppbv	
15) Acetone	1.845	43	65524	2.472	ppbv	95
19) Isopropyl Alcohol	1.897	45	119629	7.997	ppbv #	33
20) Methylene Chloride	2.068	84	1774	0.180	ppbv #	84
59) m/p-Xylene	9.558	91	8389m	0.142	ppbv	

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

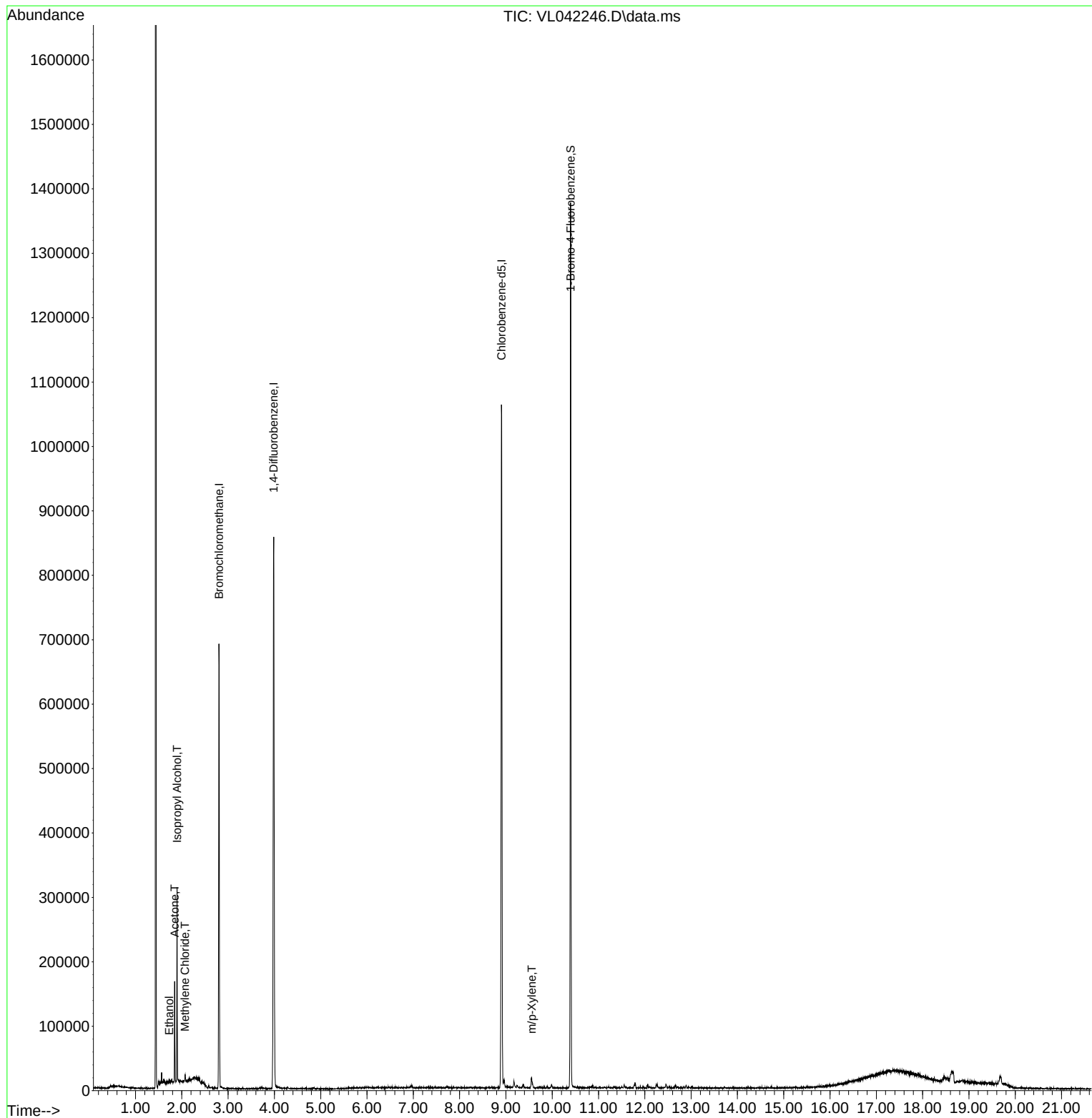
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
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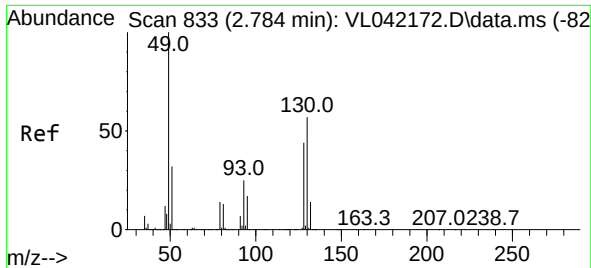
Instrument :
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ClientSampleId :
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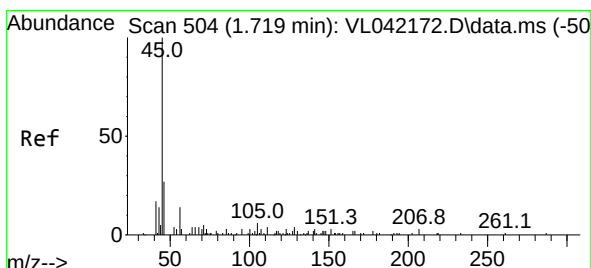
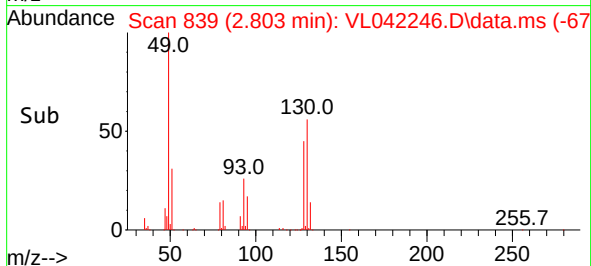
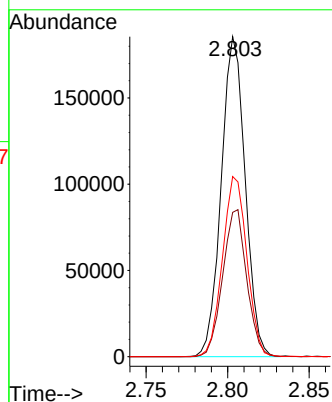
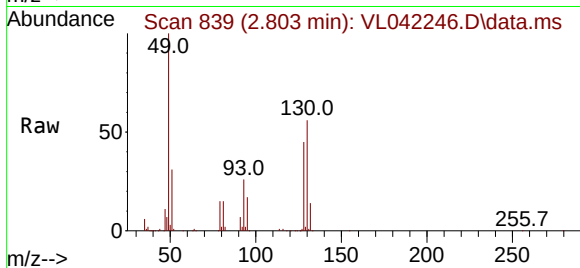
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 81
Delta R.T. 0.019 min
Lab File: VL042246.D
Acq: 07 Apr 2025 23:11

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B14-3-04012025DL

Tgt Ion: 49 Resp: 18956
Ion Ratio Lower Upper
49 100
128 46.1 22.9 68.5
130 57.3 28.8 86.4

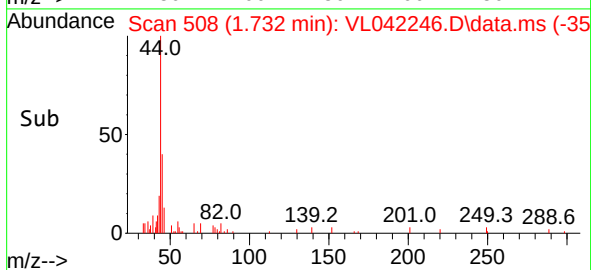
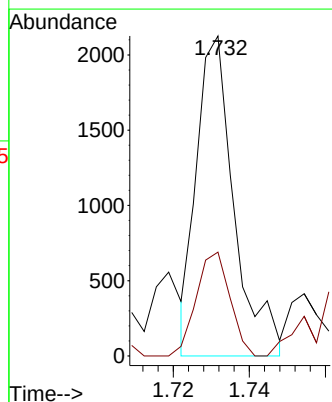
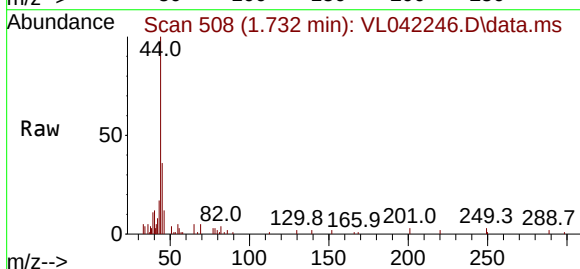
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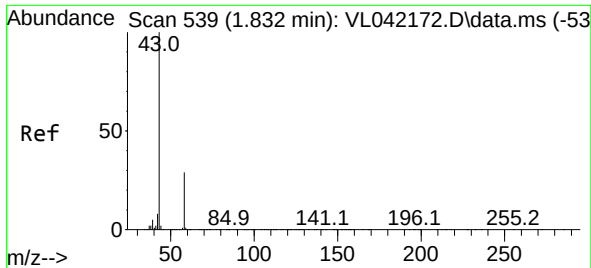
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#13
Ethanol
Concen: 1.177 ppbv m
RT: 1.732 min Scan# 508
Delta R.T. 0.013 min
Lab File: VL042246.D
Acq: 07 Apr 2025 23:11

Tgt Ion: 45 Resp: 1458
Ion Ratio Lower Upper
45 100
46 0.0 20.2 80.8#





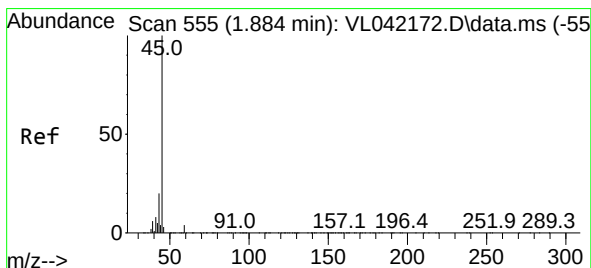
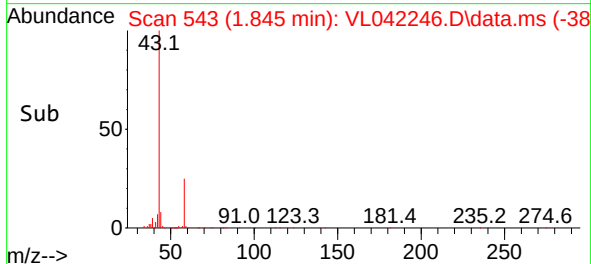
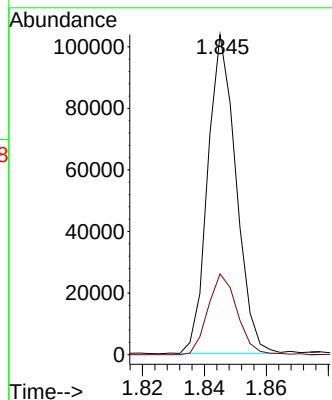
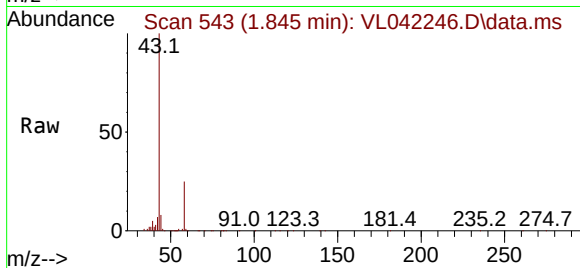
#15
Acetone
Concen: 2.472 ppbv
RT: 1.845 min Scan# 54
Delta R.T. 0.013 min
Lab File: VL042246.D
Acq: 07 Apr 2025 23:11

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B14-3-04012025DL

Tgt Ion: 43 Resp: 65524
Ion Ratio Lower Upper
43 100
58 26.3 23.2 34.8

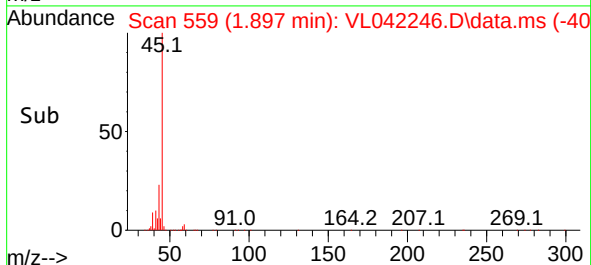
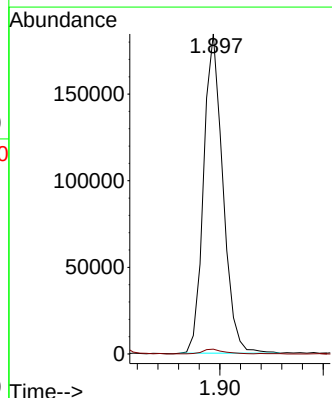
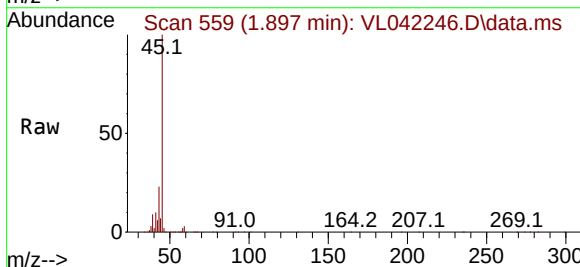
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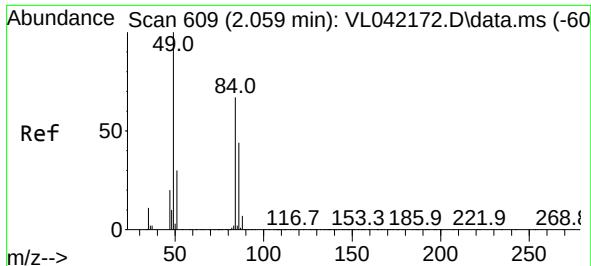
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#19
Isopropyl Alcohol
Concen: 7.997 ppbv
RT: 1.897 min Scan# 559
Delta R.T. 0.013 min
Lab File: VL042246.D
Acq: 07 Apr 2025 23:11

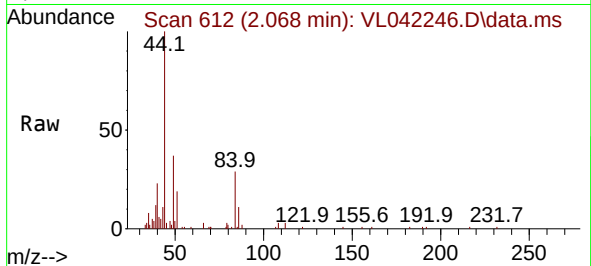
Tgt Ion: 45 Resp: 119629
Ion Ratio Lower Upper
45 100
58 1.8 36.9 55.3#





#20
Methylene Chloride
Concen: 0.180 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.009 min
Lab File: VL042246.D
Acq: 07 Apr 2025 23:11

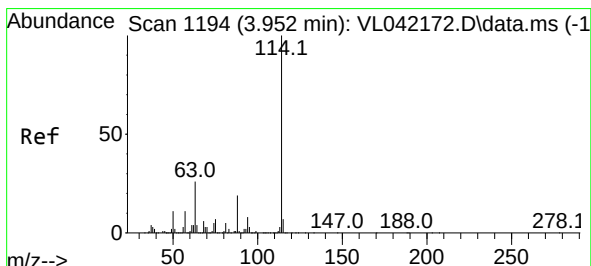
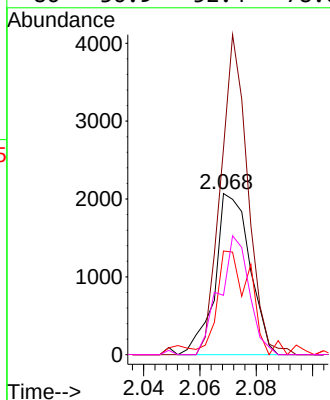
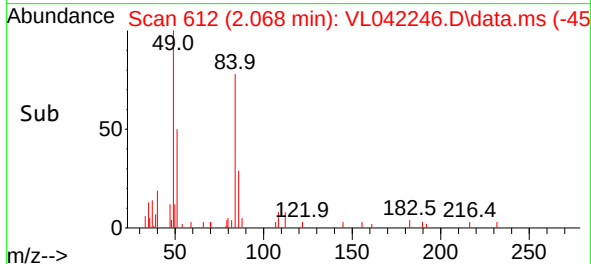
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B14-3-04012025DL



Tgt Ion: 84 Resp: 1774
Ion Ratio Lower Upper
84 100
49 143.0 120.2 180.4
51 58.7 37.4 56.0
86 36.9 52.4 78.6#

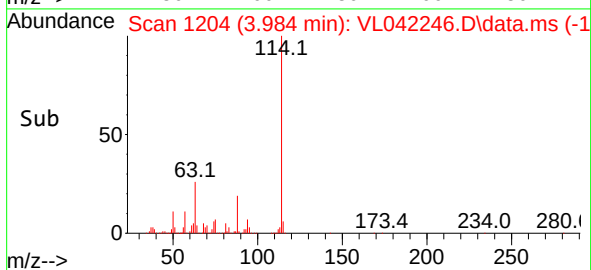
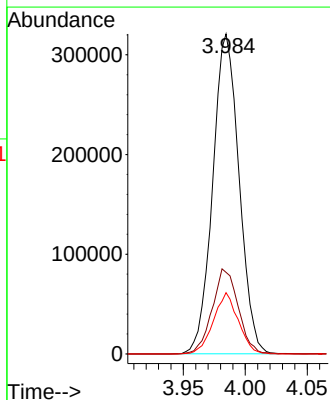
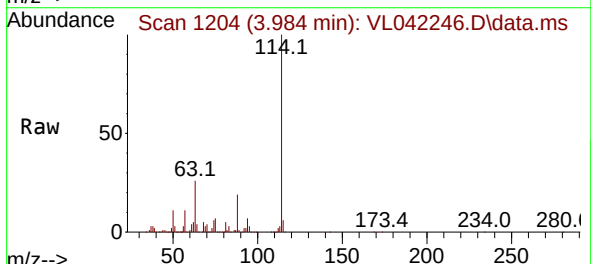
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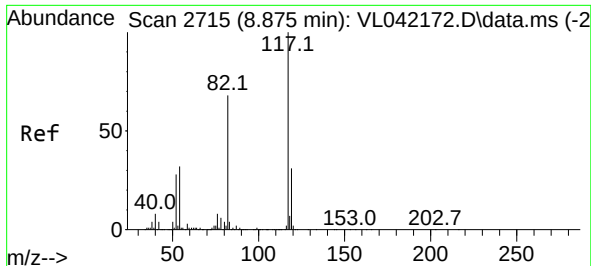
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.984 min Scan# 1204
Delta R.T. 0.032 min
Lab File: VL042246.D
Acq: 07 Apr 2025 23:11

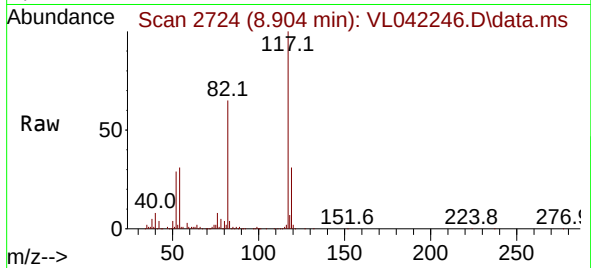
Tgt Ion:114 Resp: 475002
Ion Ratio Lower Upper
114 100
63 26.4 20.7 31.1
88 18.1 15.0 22.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.904 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL042246.D
Acq: 07 Apr 2025 23:11

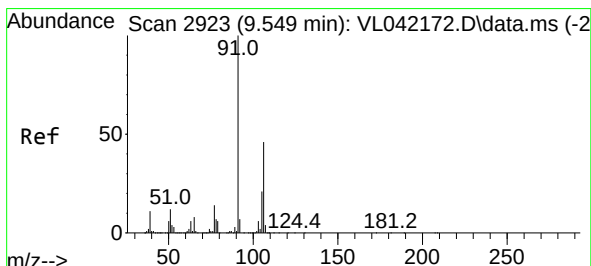
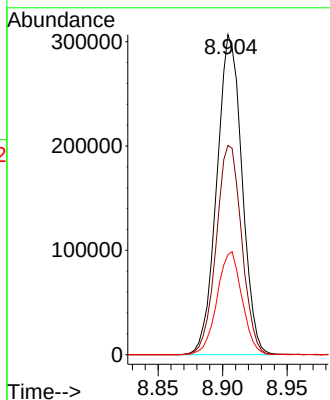
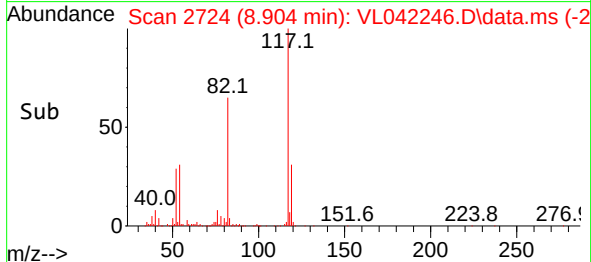
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B14-3-04012025DL



Tgt Ion:117 Resp: 41639
Ion Ratio Lower Upper
117 100
82 66.2 55.8 83.6
119 31.9 25.5 38.3

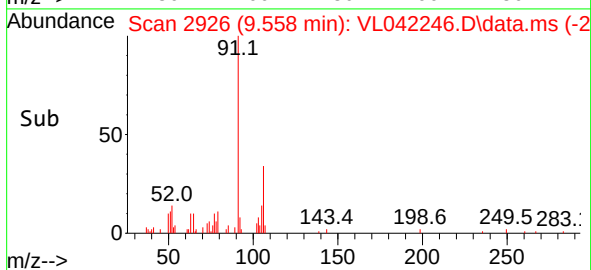
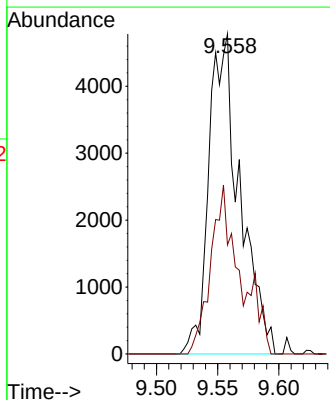
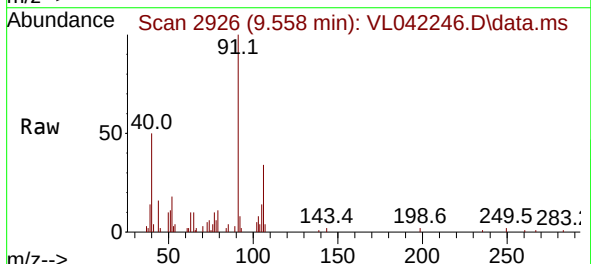
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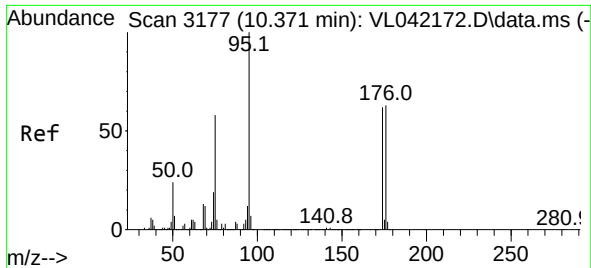
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#59
m/p-Xylene
Concen: 0.142 ppbv m
RT: 9.558 min Scan# 2926
Delta R.T. 0.009 min
Lab File: VL042246.D
Acq: 07 Apr 2025 23:11

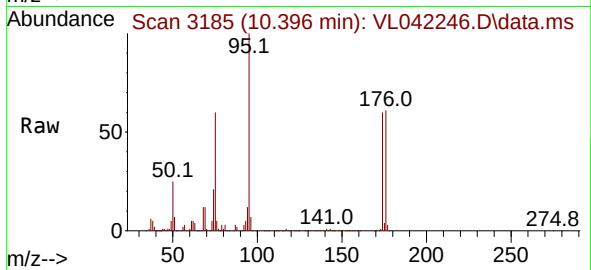
Tgt Ion: 91 Resp: 8389
Ion Ratio Lower Upper
91 100
106 0.0 36.4 54.6#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.468 ppbv
 RT: 10.396 min Scan# 3177
 Delta R.T. 0.026 min
 Lab File: VL042246.D
 Acq: 07 Apr 2025 23:11

Instrument : MSVOA_L
 ClientSampleId : SSSG-B14-3-04012025DL



Tgt Ion: 95 Resp: 323769
 Ion Ratio Lower Upper
 95 100
 174 60.0 50.6 76.0
 175 4.4 3.8 5.6

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