

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
 Data File : VL042264.D
 Acq On : 08 Apr 2025 15:25
 Operator : SY/MD
 Sample : Q1728-11 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B1-4-04012025

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/09/2025
 Supervised By :Semsettin Yesilyurt 04/10/2025

Quant Time: Apr 09 01:56:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
 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	167832	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.981	114	455581	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.901	117	396189	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	304927	9.372	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.700%
Target Compounds						
					Qvalue	
13) Ethanol	1.729	45	2625m	2.393	ppbv	
15) Acetone	1.845	43	26507	1.129	ppbv	95
19) Isopropyl Alcohol	1.897	45	4088m	0.309	ppbv	
20) Methylene Chloride	2.075	84	1419	0.162	ppbv #	88
53) Toluene	6.959	91	8616	0.161	ppbv	96
59) m/p-Xylene	9.555	91	7675m	0.137	ppbv	

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

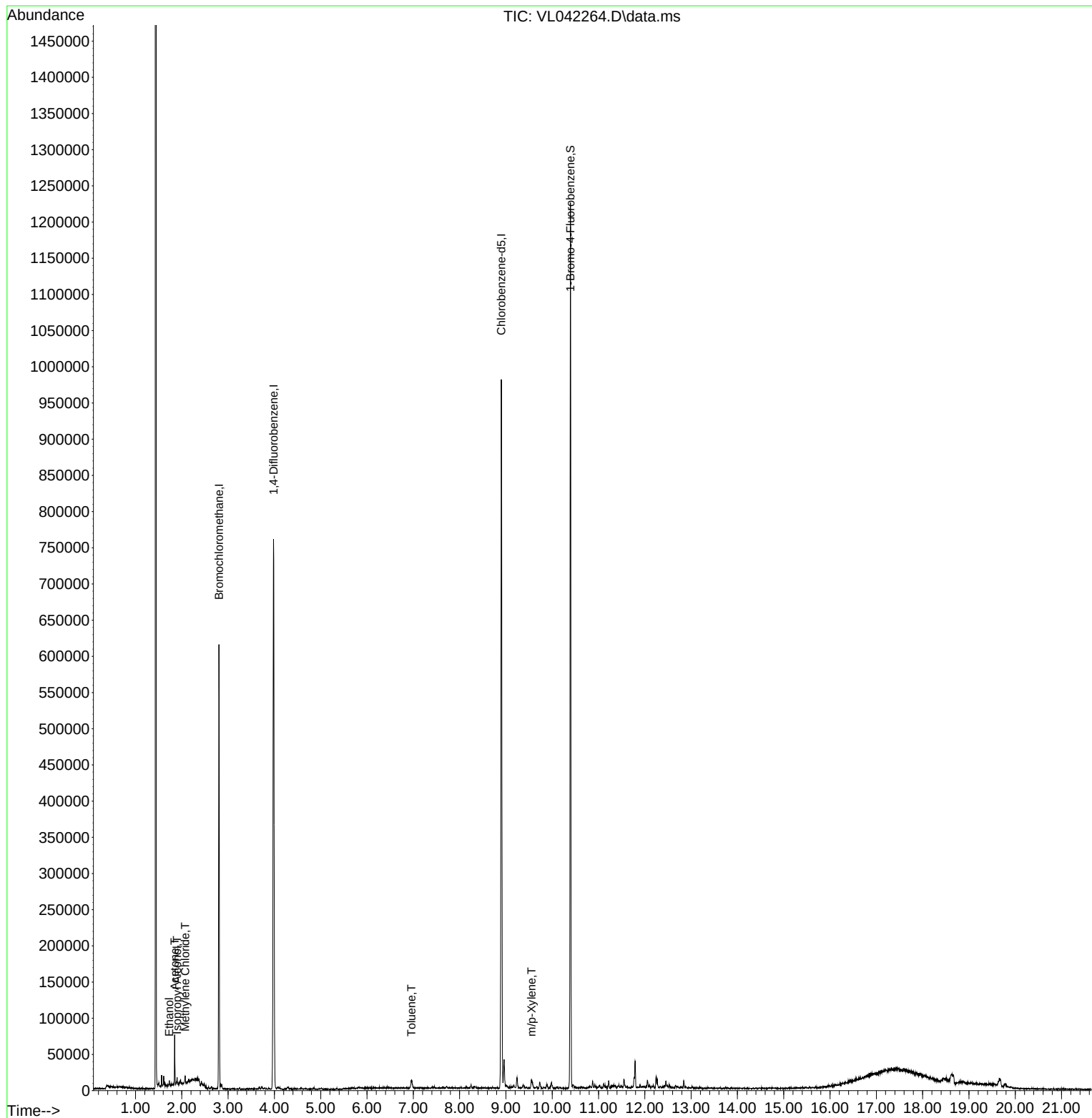
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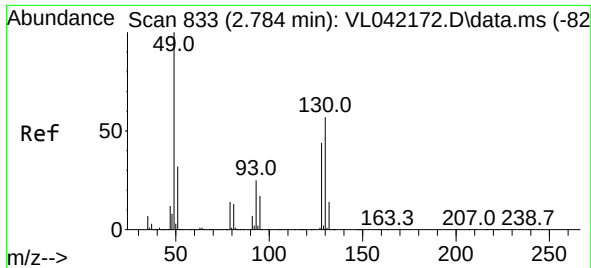
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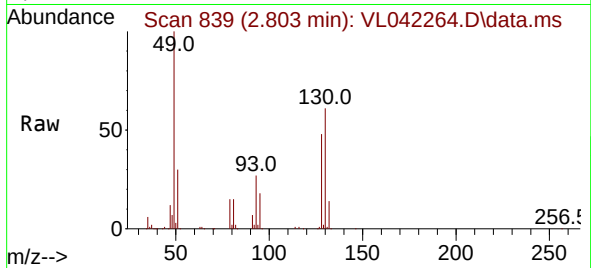
Quant Time: Apr 09 01:56:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 81
Delta R.T. 0.019 min
Lab File: VL042264.D
Acq: 08 Apr 2025 15:25

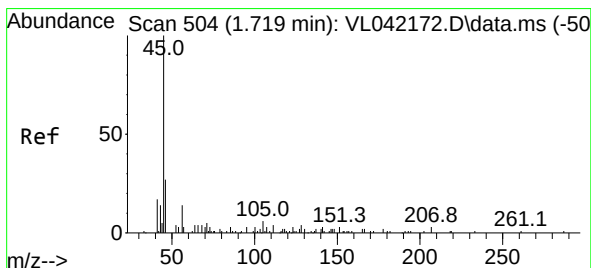
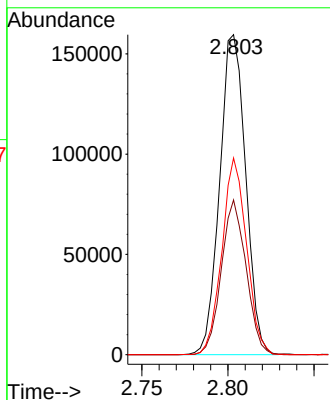
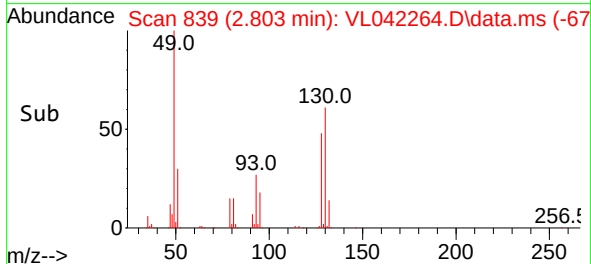
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ClientSampleId :
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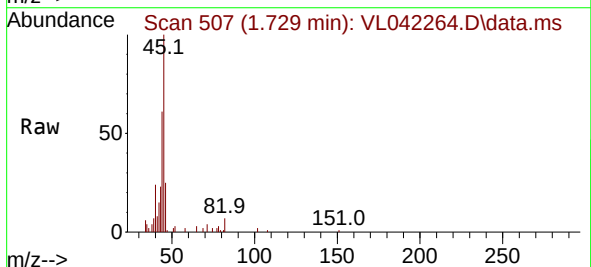
Tgt Ion: 49 Resp: 16783
Ion Ratio Lower Upper
49 100
128 46.1 22.9 68.5
130 58.2 28.8 86.4

Manual Integrations
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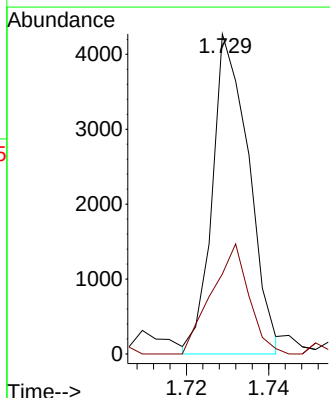
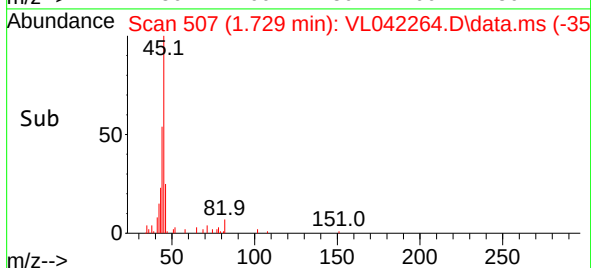
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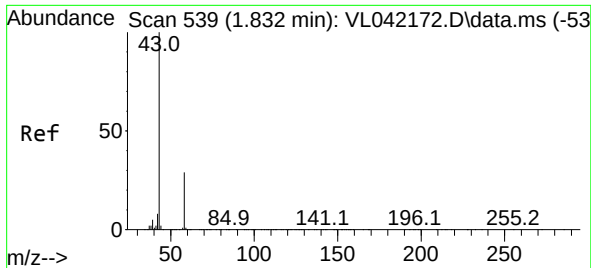


#13
Ethanol
Concen: 2.393 ppbv m
RT: 1.729 min Scan# 507
Delta R.T. 0.010 min
Lab File: VL042264.D
Acq: 08 Apr 2025 15:25



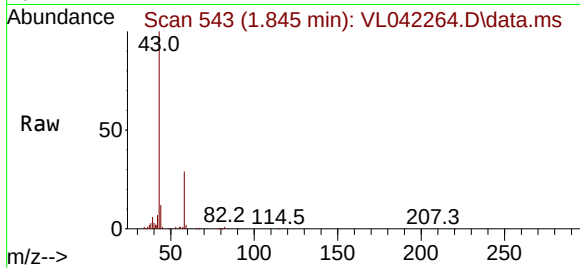
Tgt Ion: 45 Resp: 2625
Ion Ratio Lower Upper
45 100
46 4715.1 20.2 80.8#





#15
Acetone
Concen: 1.129 ppbv
RT: 1.845 min Scan# 54
Delta R.T. 0.013 min
Lab File: VL042264.D
Acq: 08 Apr 2025 15:25

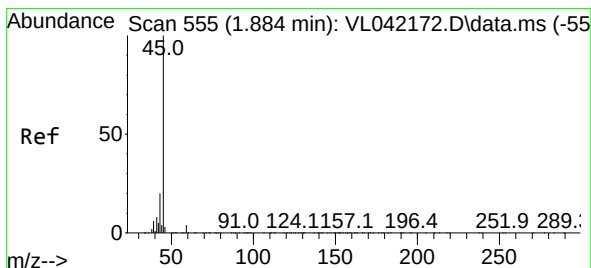
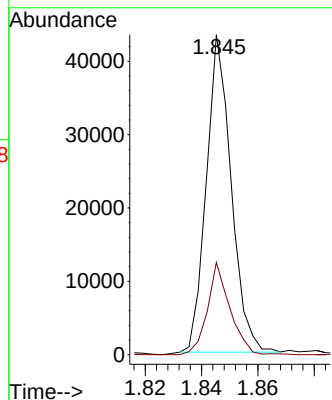
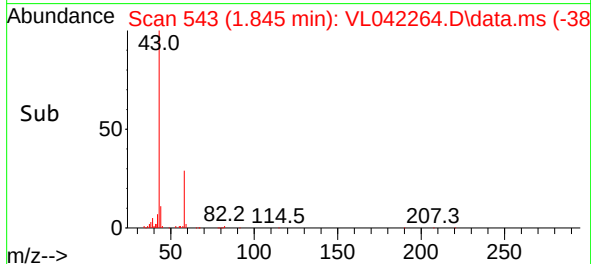
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ClientSampleId :
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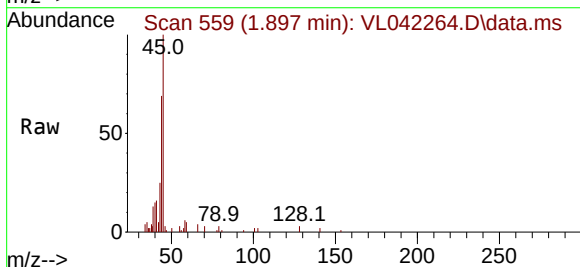
Tgt Ion: 43 Resp: 2650
Ion Ratio Lower Upper
43 100
58 26.6 23.2 34.8

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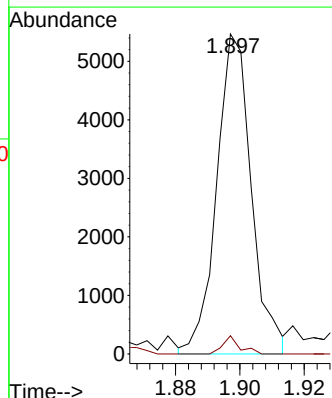
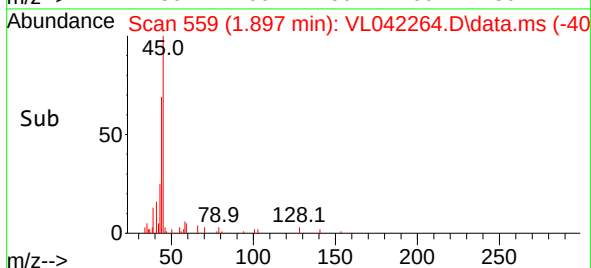
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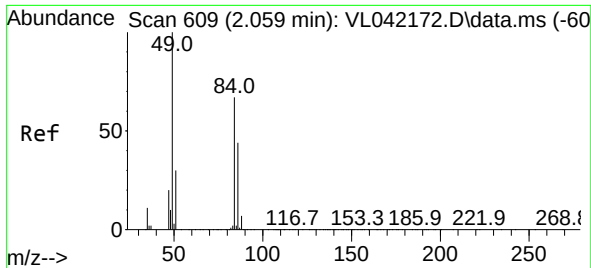


#19
Isopropyl Alcohol
Concen: 0.309 ppbv m
RT: 1.897 min Scan# 559
Delta R.T. 0.013 min
Lab File: VL042264.D
Acq: 08 Apr 2025 15:25



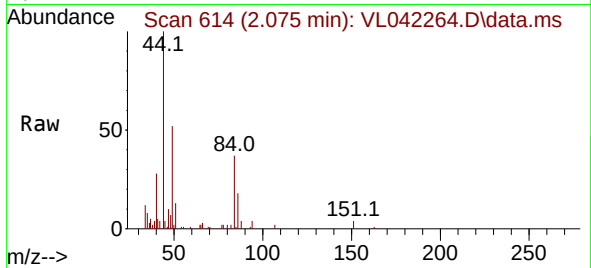
Tgt Ion: 45 Resp: 4088
Ion Ratio Lower Upper
45 100
58 8.8 36.9 55.3#





#20
Methylene Chloride
Concen: 0.162 ppbv
RT: 2.075 min Scan# 614
Delta R.T. 0.016 min
Lab File: VL042264.D
Acq: 08 Apr 2025 15:25

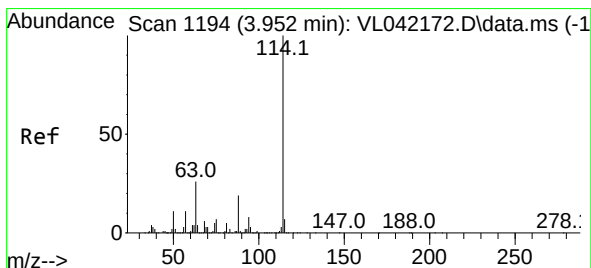
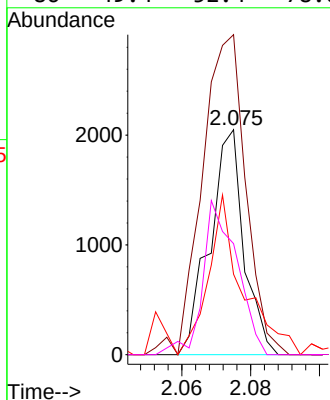
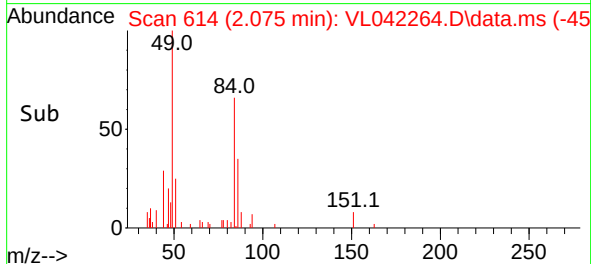
Instrument :
MSVOA_L
Client Sample Id :
SSSG-B1-4-04012025



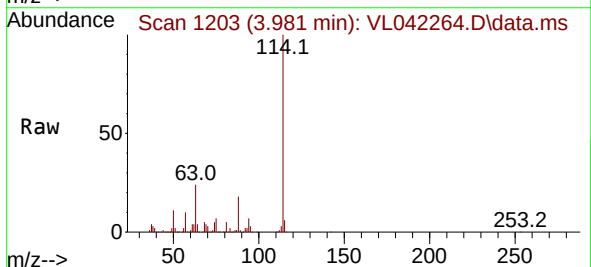
Tgt Ion: 84	Resp: 1419
Ion Ratio	Lower Upper
84	100
49	142.2 120.2 180.4
51	35.8 37.4 56.0
86	49.4 52.4 78.6

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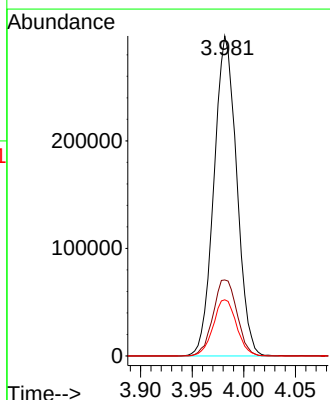
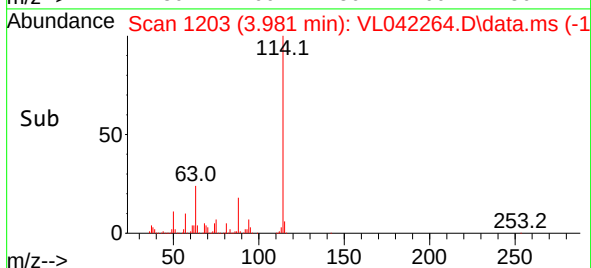
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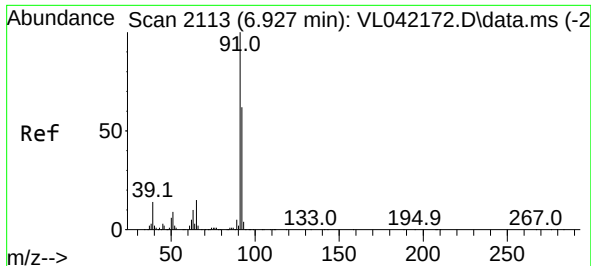


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.981 min Scan# 1203
Delta R.T. 0.029 min
Lab File: VL042264.D
Acq: 08 Apr 2025 15:25



Tgt Ion: 114	Resp: 455581
Ion Ratio	Lower Upper
114	100
63	25.1 20.7 31.1
88	18.0 15.0 22.4





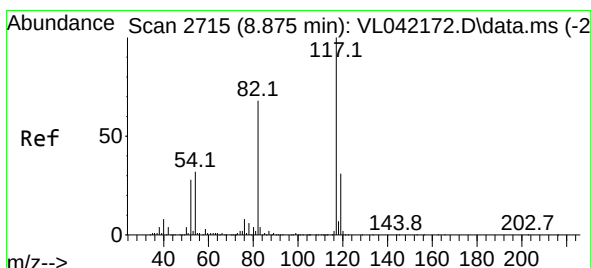
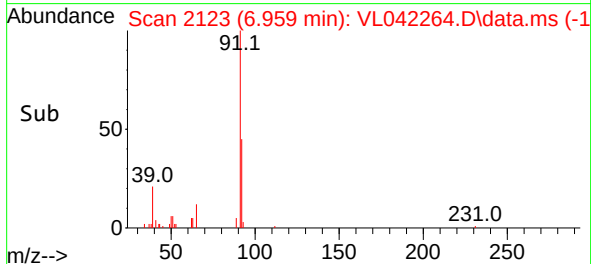
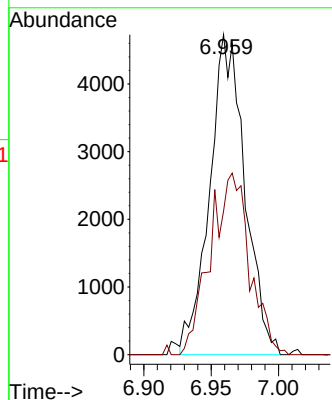
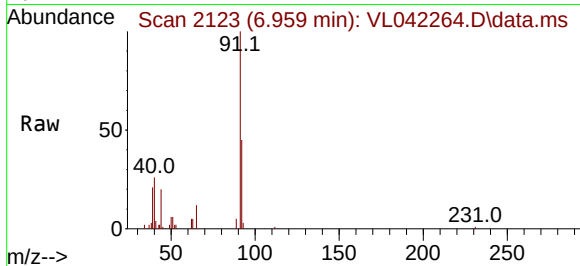
#53
Toluene
Concen: 0.161 ppbv
RT: 6.959 min Scan# 2113
Delta R.T. 0.032 min
Lab File: VL042264.D
Acq: 08 Apr 2025 15:25

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Tgt Ion: 91 Resp: 8610
Ion Ratio Lower Upper
91 100
92 63.8 48.4 72.6

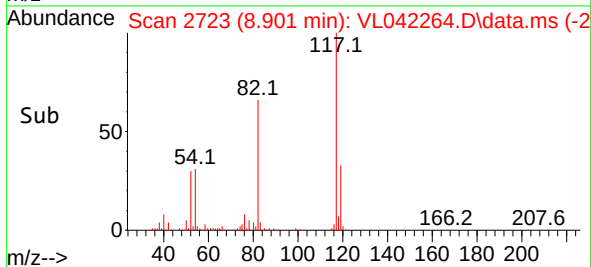
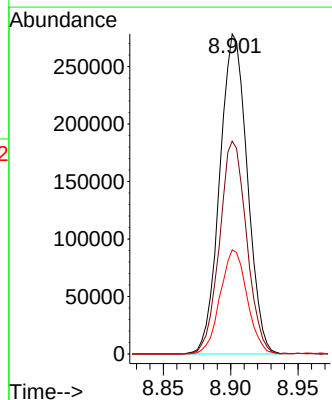
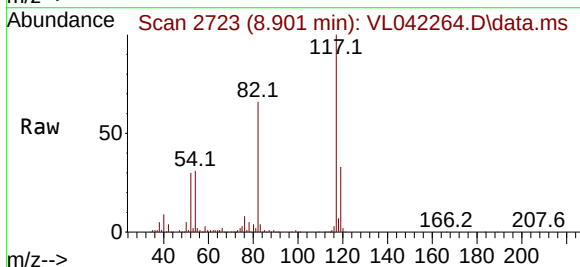
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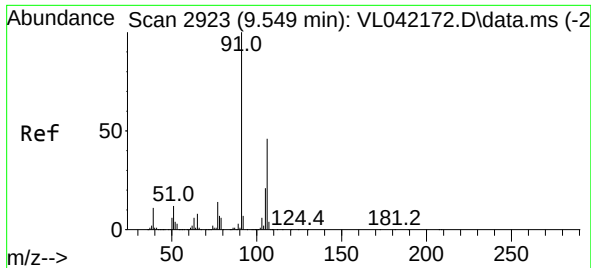
Reviewed By :Mahesh Dadoda 04/09/2025
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2723
Delta R.T. 0.026 min
Lab File: VL042264.D
Acq: 08 Apr 2025 15:25

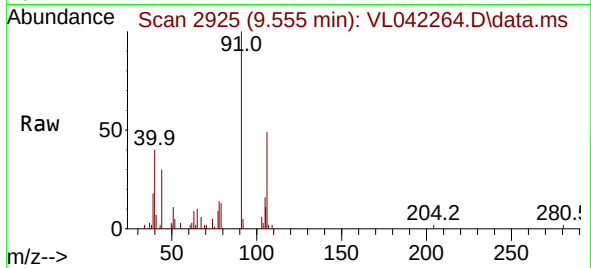
Tgt Ion:117 Resp: 396189
Ion Ratio Lower Upper
117 100
82 65.3 55.8 83.6
119 32.1 25.5 38.3





#59
m/p-Xylene
Concen: 0.137 ppbv m
RT: 9.555 min Scan# 2923
Delta R.T. 0.006 min
Lab File: VL042264.D
Acq: 08 Apr 2025 15:25

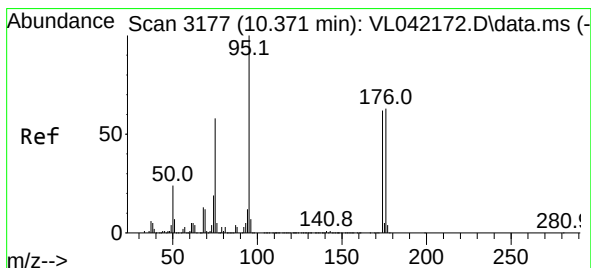
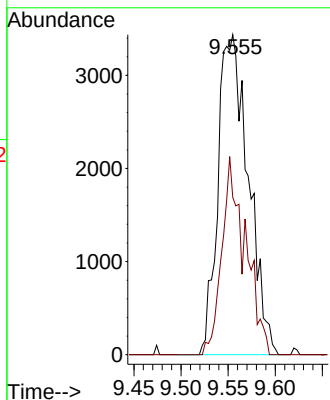
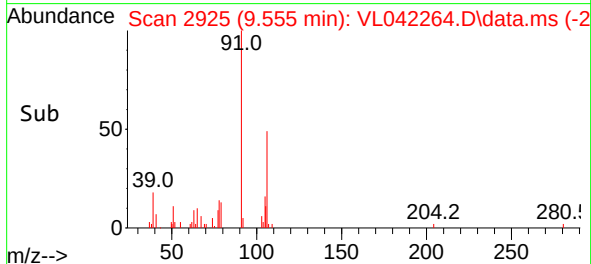
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Tgt Ion: 91 Resp: 767
Ion Ratio Lower Upper
91 100
106 47.9 36.4 54.6

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.372 ppbv
RT: 10.393 min Scan# 3184
Delta R.T. 0.023 min
Lab File: VL042264.D
Acq: 08 Apr 2025 15:25

Tgt Ion: 95 Resp: 304927
Ion Ratio Lower Upper
95 100
174 60.8 50.6 76.0
175 4.5 3.8 5.6

