

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120825\
 Data File : VL043328.D
 Acq On : 09 Dec 2025 00:06
 Operator : SY/MD
 Sample : Q3797-03DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
 Supervised By :Mahesh Dadoda 12/11/2025

Quant Time: Dec 09 01:26:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	136077	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	340593	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.869	117	259356	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	186262	9.798	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%
Target Compounds						
					Qvalue	
15) Acetone	1.832	43	14609	0.773	ppbv	97
38) Trichloroethene	4.535	130	11121	0.871	ppbv	91
52) Tetrachloroethene	8.209	164	2779m	0.229	ppbv	

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

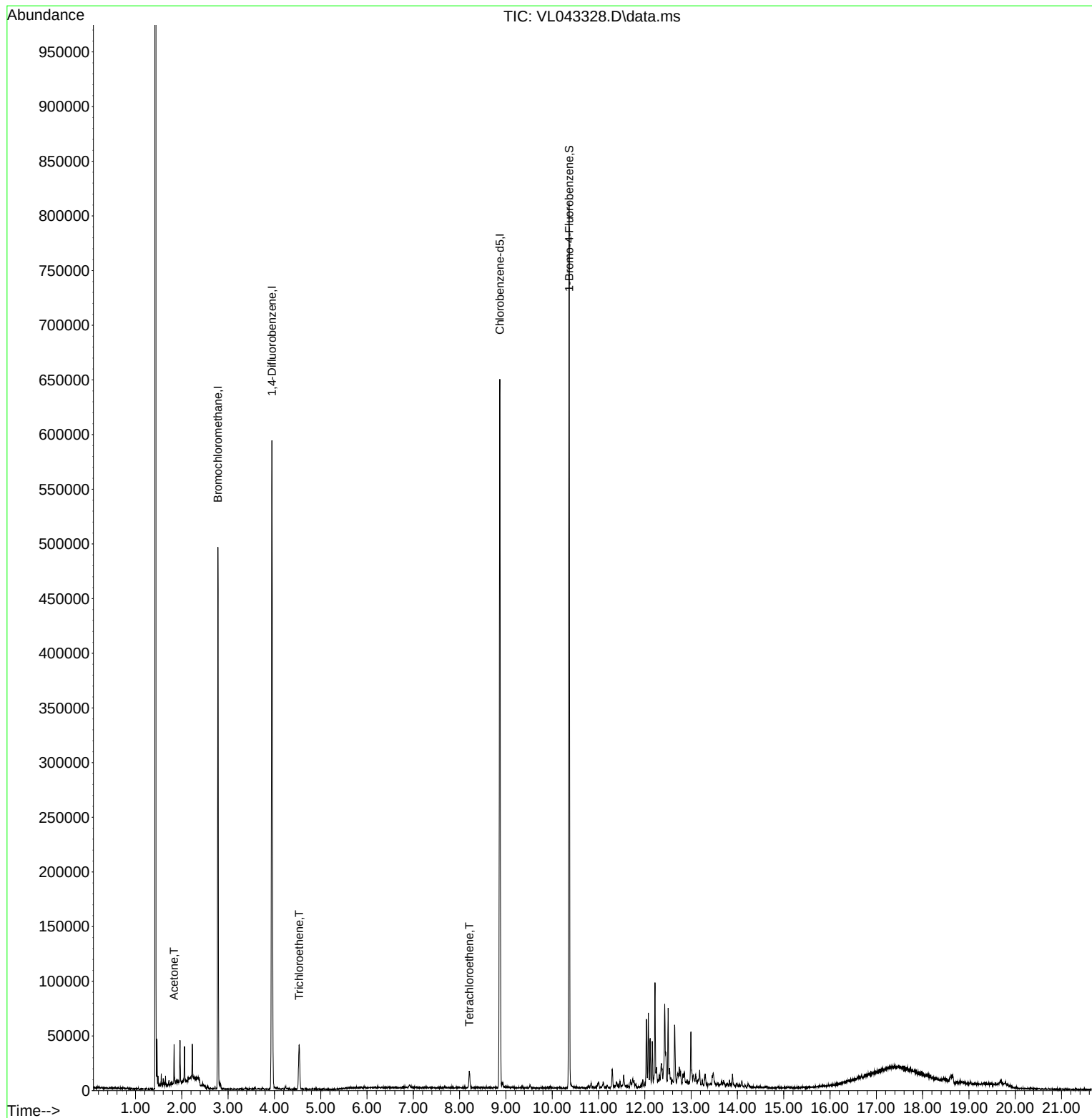
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Misc : 400mL/MSVOA_L
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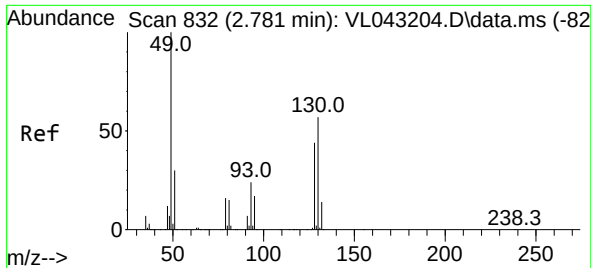
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Response via : Initial Calibration





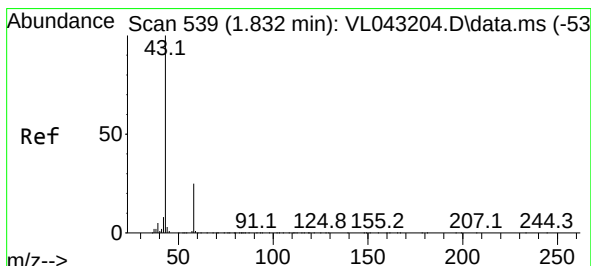
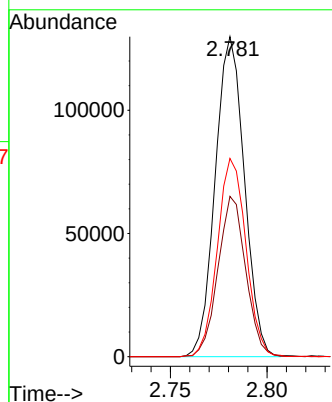
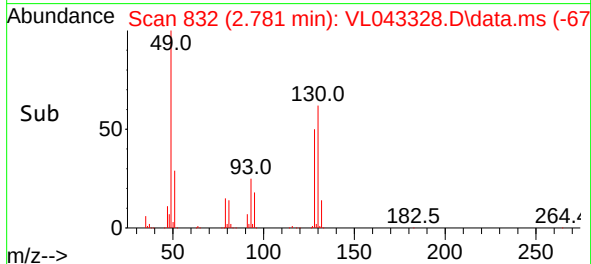
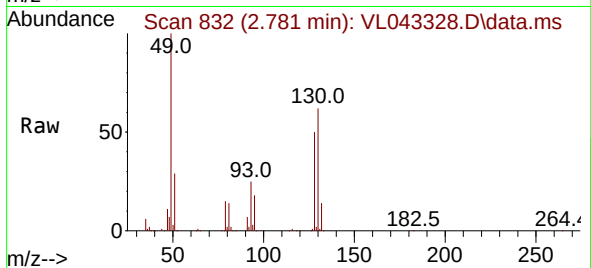
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL043328.D
Acq: 09 Dec 2025 00:06

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 49 Resp: 13607
Ion Ratio Lower Upper
49 100
128 47.7 23.0 69.0
130 60.7 29.9 89.7

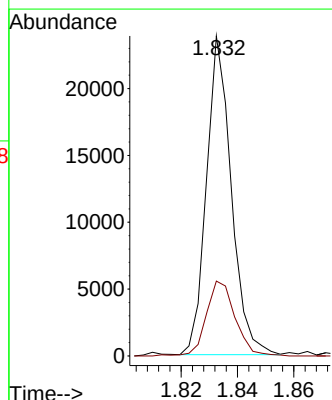
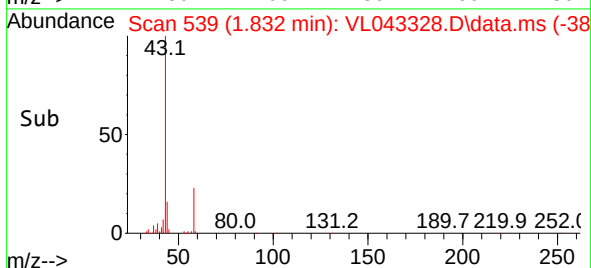
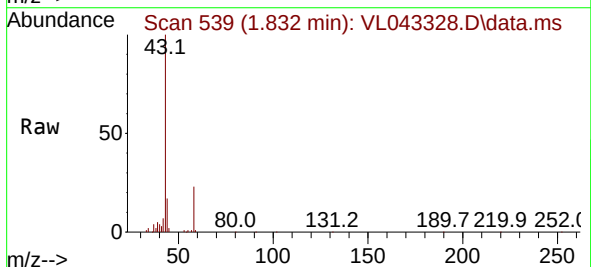
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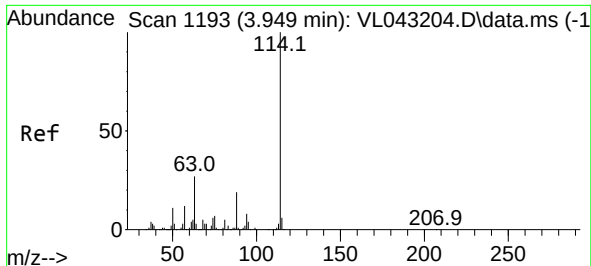
Reviewed By :Semsettin Yesilyurt 12/09/2025
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#15
Acetone
Concen: 0.773 ppbv
RT: 1.832 min Scan# 539
Delta R.T. 0.000 min
Lab File: VL043328.D
Acq: 09 Dec 2025 00:06

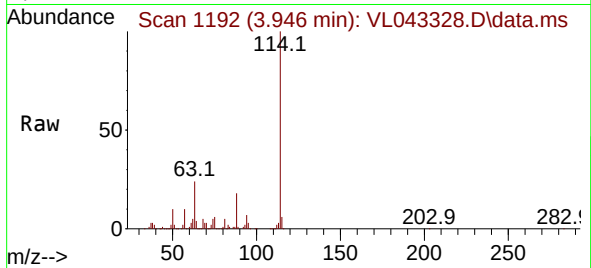
Tgt Ion: 43 Resp: 14609
Ion Ratio Lower Upper
43 100
58 27.3 20.7 31.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.946 min Scan# 1193
Delta R.T. -0.003 min
Lab File: VL043328.D
Acq: 09 Dec 2025 00:06

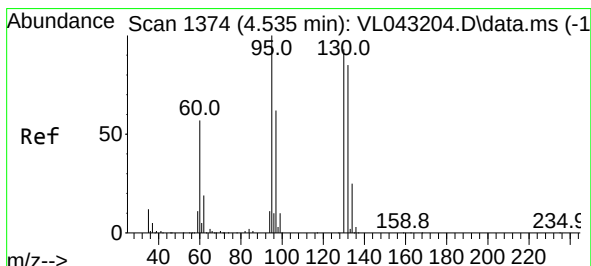
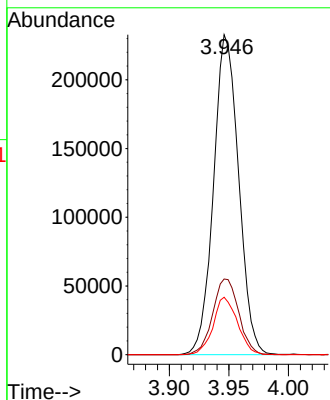
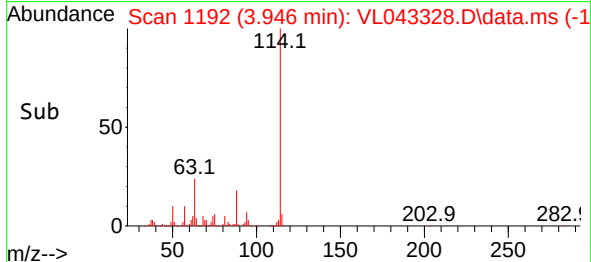
Instrument :
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ClientSampleId :
SV2DL



Tgt Ion:114 Resp: 34059
Ion Ratio Lower Upper
114 100
63 24.5 21.0 31.6
88 17.5 14.9 22.3

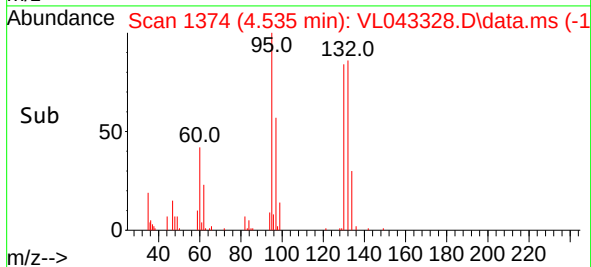
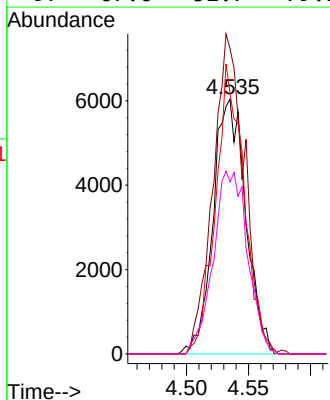
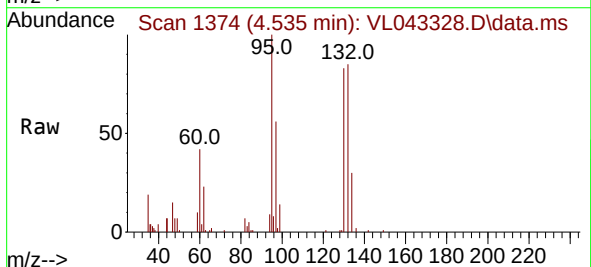
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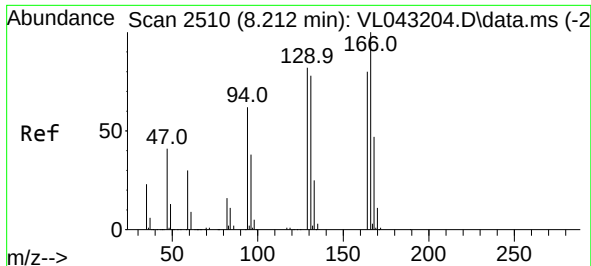
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#38
Trichloroethene
Concen: 0.871 ppbv
RT: 4.535 min Scan# 1374
Delta R.T. 0.000 min
Lab File: VL043328.D
Acq: 09 Dec 2025 00:06

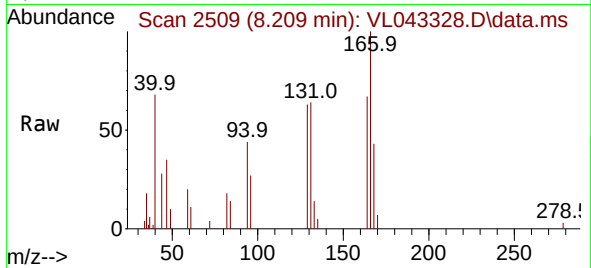
Tgt Ion:130 Resp: 11121
Ion Ratio Lower Upper
130 100
95 119.9 85.7 128.5
132 102.3 73.4 110.0
97 67.6 52.7 79.1





#52
Tetrachloroethene
Concen: 0.229 ppbv m
RT: 8.209 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043328.D
Acq: 09 Dec 2025 00:06

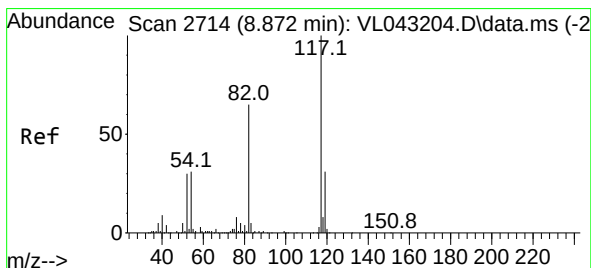
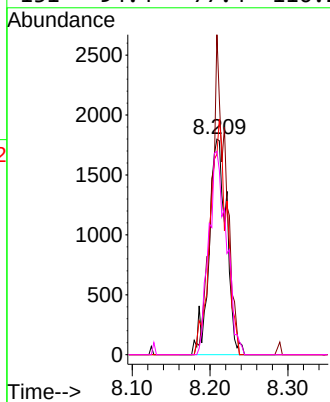
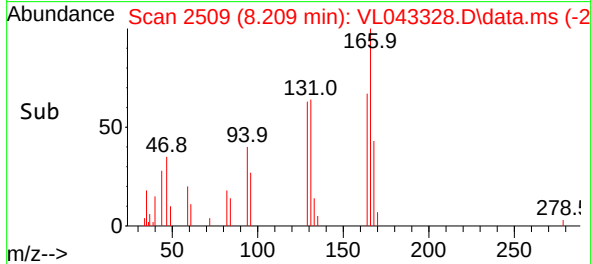
Instrument :
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ClientSampleId :
SV2DL



Tgt Ion:164 Resp: 2779
Ion Ratio Lower Upper
164 100
166 148.5 99.4 149.2
129 93.1 81.8 122.8
131 94.4 77.4 116.2

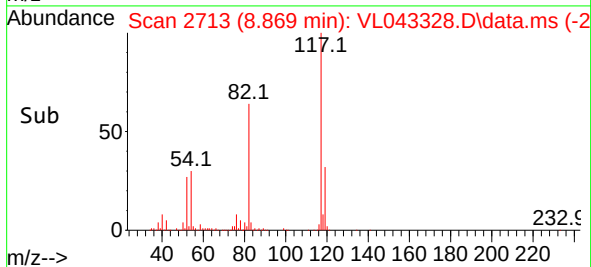
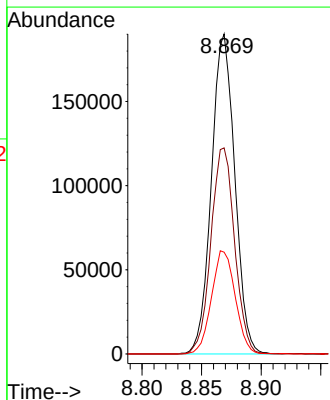
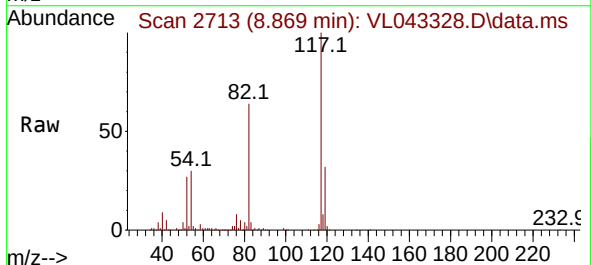
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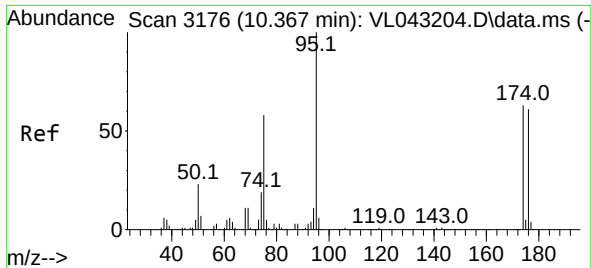
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Supervised By :Mahesh Dadoda 12/11/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.869 min Scan# 2713
Delta R.T. -0.003 min
Lab File: VL043328.D
Acq: 09 Dec 2025 00:06

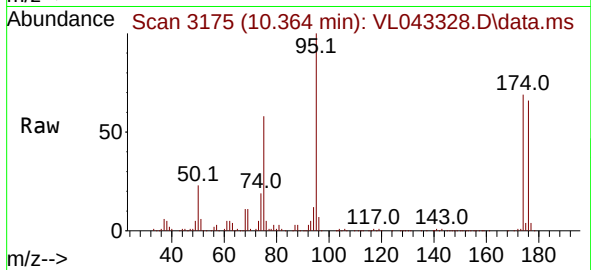
Tgt Ion:117 Resp: 259356
Ion Ratio Lower Upper
117 100
82 65.2 56.1 84.1
119 32.8 25.0 37.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.798 ppbv
 RT: 10.364 min Scan# 3175
 Delta R.T. -0.003 min
 Lab File: VL043328.D
 Acq: 09 Dec 2025 00:06

Instrument :
 MSVOA_L
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Tgt Ion: 95 Resp: 186262
 Ion Ratio Lower Upper
 95 100
 174 69.1 50.2 75.2
 175 5.0 4.1 6.1

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