

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120825\
 Data File : VL043331.D
 Acq On : 09 Dec 2025 07:30
 Operator : SY/MD
 Sample : Q3799-03DL2 400X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 10-IA-1DL2

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 02:12:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	2.780	49	122404	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	307022	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.869	117	245820	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	171652	9.526	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.300%
Target Compounds						
					Qvalue	
13) Ethanol	1.719	45	876m	0.346	ppbv	
15) Acetone	1.832	43	127495	7.497	ppbv	100
19) Isopropyl Alcohol	1.884	45	32181	3.349	ppbv #	1

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

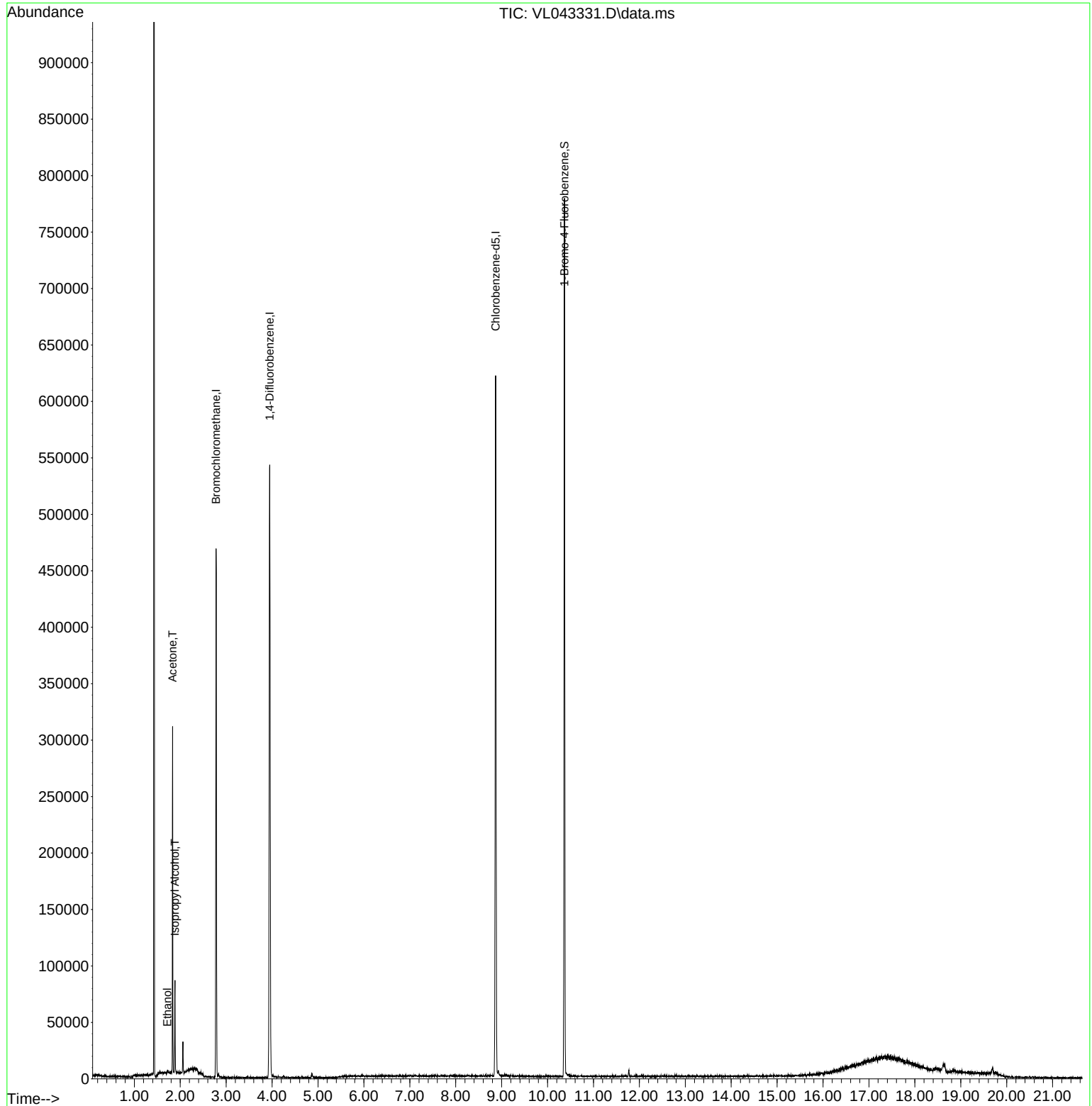
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120825\
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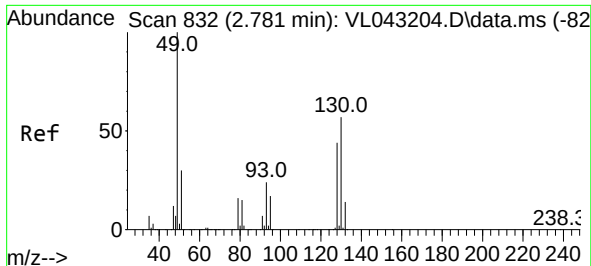
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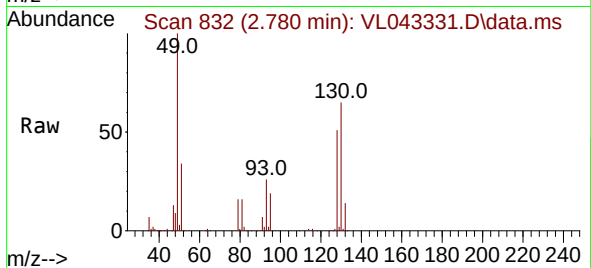
Quant Time: Dec 10 02:12:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Nov 19 01:11:25 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.780 min Scan# 81
Delta R.T. -0.001 min
Lab File: VL043331.D
Acq: 09 Dec 2025 07:30

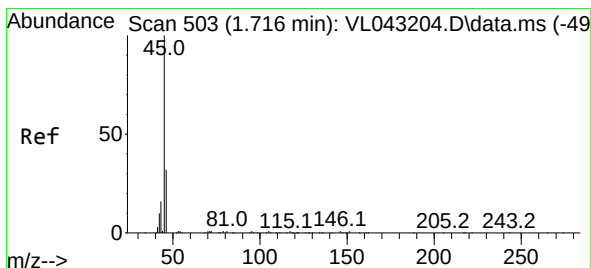
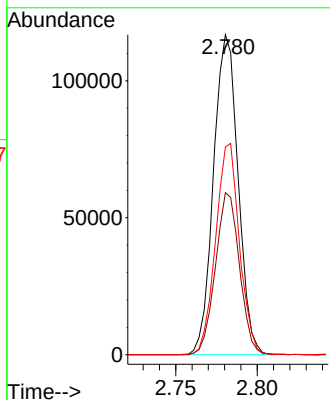
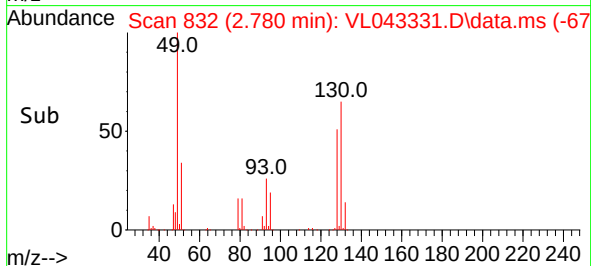
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MSVOA_L
ClientSampleId :
10-IA-1DL2



Tgt Ion: 49 Resp: 122404
Ion Ratio Lower Upper
49 100
128 49.5 23.0 69.0
130 64.0 29.9 89.7

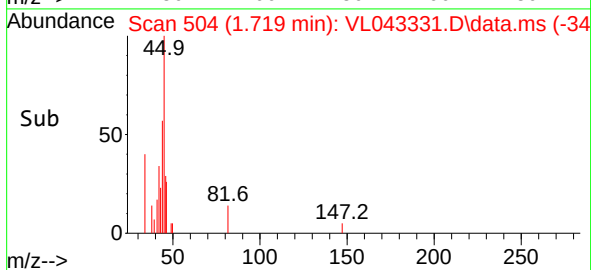
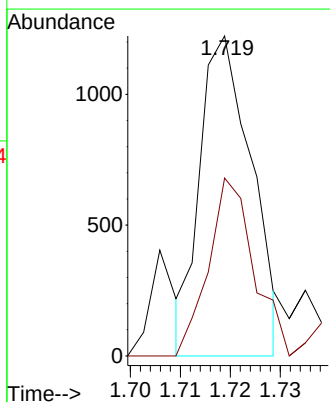
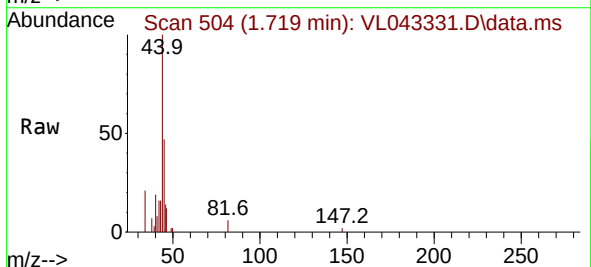
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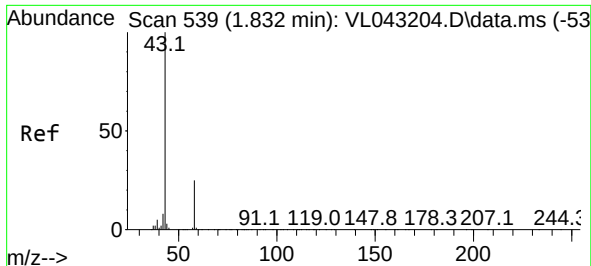
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Supervised By :Mahesh Dadoda 12/11/2025



#13
Ethanol
Concen: 0.346 ppbv m
RT: 1.719 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL043331.D
Acq: 09 Dec 2025 07:30

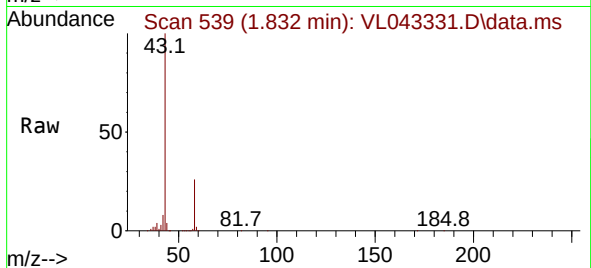
Tgt Ion: 45 Resp: 876
Ion Ratio Lower Upper
45 100
46 0.0 15.0 59.8#





#15
Acetone
Concen: 7.497 ppbv
RT: 1.832 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL043331.D
Acq: 09 Dec 2025 07:30

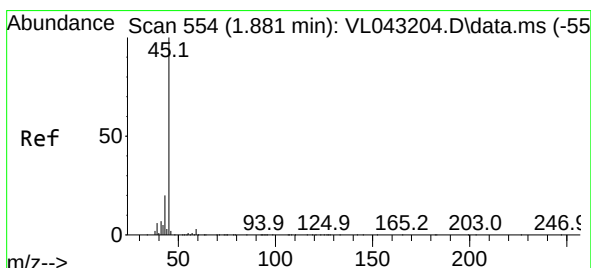
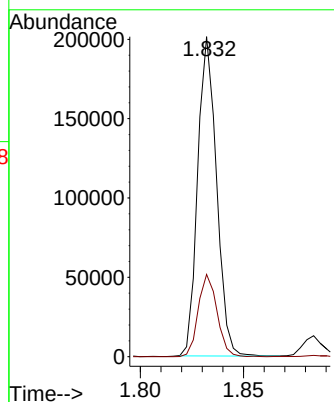
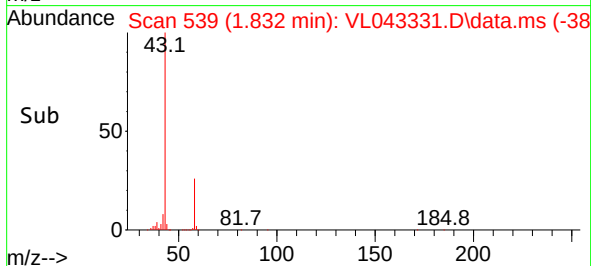
Instrument :
MSVOA_L
ClientSampleId :
10-IA-1DL2



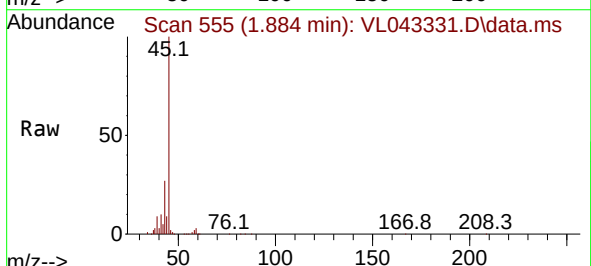
Tgt Ion: 43 Resp: 127495
Ion Ratio Lower Upper
43 100
58 25.7 20.7 31.1

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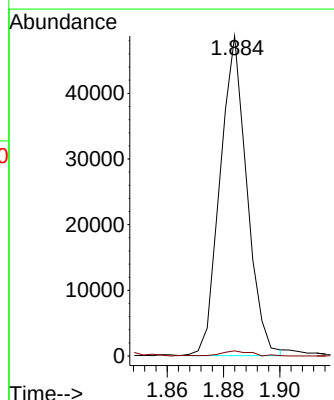
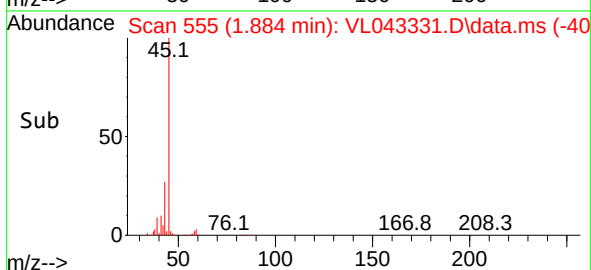
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Supervised By :Mahesh Dadoda 12/11/2025

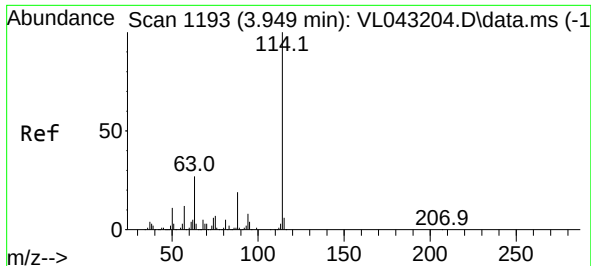


#19
Isopropyl Alcohol
Concen: 3.349 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.003 min
Lab File: VL043331.D
Acq: 09 Dec 2025 07:30



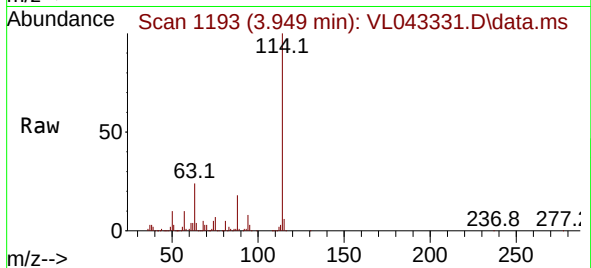
Tgt Ion: 45 Resp: 32181
Ion Ratio Lower Upper
45 100
58 101.7 31.3 46.9#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VL043331.D
Acq: 09 Dec 2025 07:30

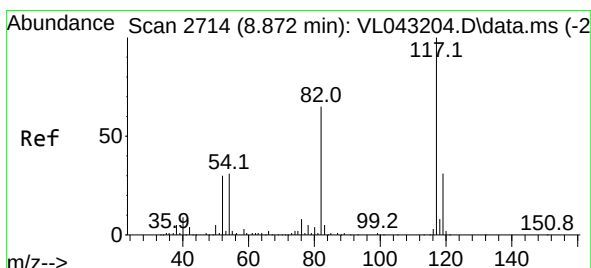
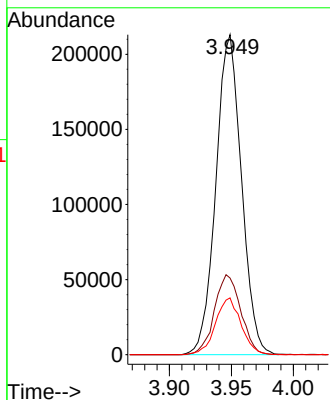
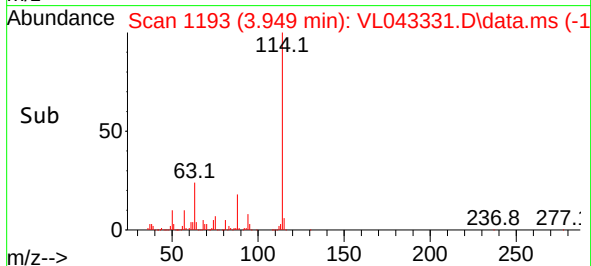
Instrument :
MSVOA_L
ClientSampleId :
10-IA-1DL2



Tgt Ion:114 Resp: 30702
Ion Ratio Lower Upper
114 100
63 25.7 21.0 31.6
88 17.7 14.9 22.3

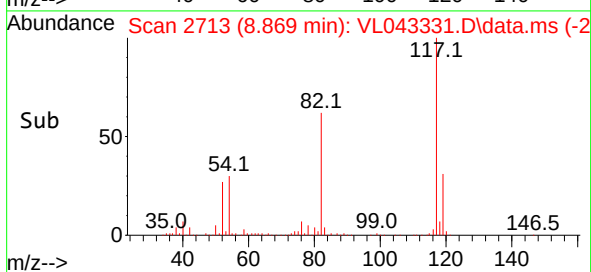
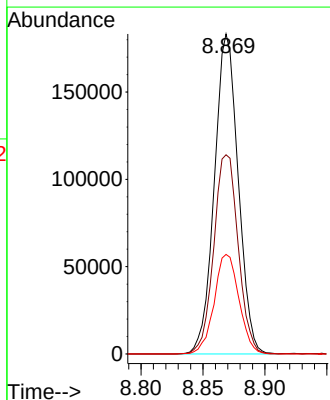
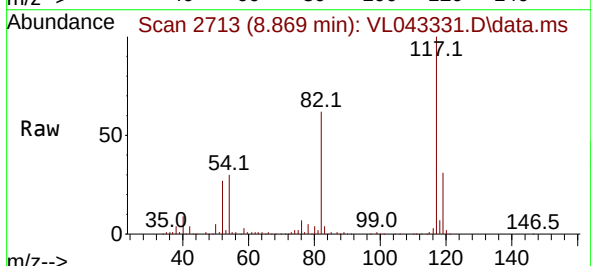
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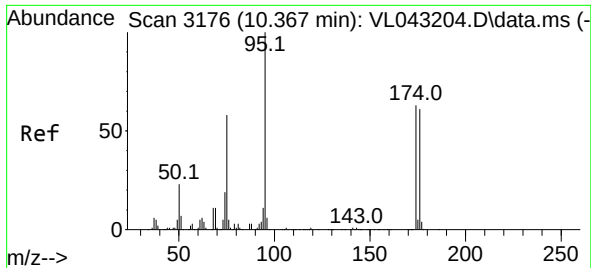
Reviewed By :Semsettin Yesilyurt 12/11/2025
Supervised By :Mahesh Dadoda 12/11/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.869 min Scan# 2713
Delta R.T. -0.004 min
Lab File: VL043331.D
Acq: 09 Dec 2025 07:30

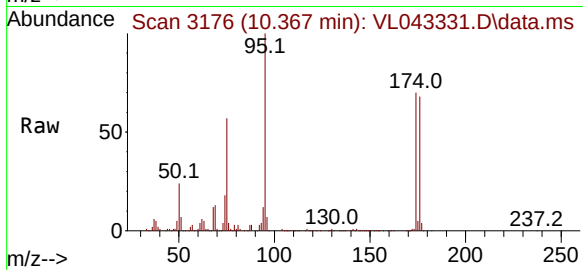
Tgt Ion:117 Resp: 245820
Ion Ratio Lower Upper
117 100
82 63.9 56.1 84.1
119 32.4 25.0 37.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.526 ppbv
 RT: 10.367 min Scan# 3176
 Delta R.T. -0.000 min
 Lab File: VL043331.D
 Acq: 09 Dec 2025 07:30

Instrument :
 MSVOA_L
 ClientSampleId :
 10-IA-1DL2



Tgt Ion: 95 Resp: 171652
 Ion Ratio Lower Upper
 95 100
 174 69.1 50.2 75.2
 175 5.0 4.1 6.1

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