

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
 Data File : VL042981.D
 Acq On : 23 Sep 2025 05:19
 Operator : SY/MD
 Sample : Q3132-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 151-1A-2DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/24/2025
 Supervised By :Semsettin Yesilyurt 09/24/2025

Quant Time: Sep 24 01:17:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Sep 23 02:39:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	142477	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	408754	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.885	117	352010	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	267858	10.194	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%
Target Compounds						
					Qvalue	
13) Ethanol	1.722	45	35047	34.770	ppbv	93
15) Acetone	1.839	43	25846m	1.393	ppbv	
19) Isopropyl Alcohol	1.891	45	88410	7.925	ppbv #	39
26) Hexane	2.832	57	6872	0.321	ppbv #	55
53) Toluene	6.940	91	5680m	0.125	ppbv	

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

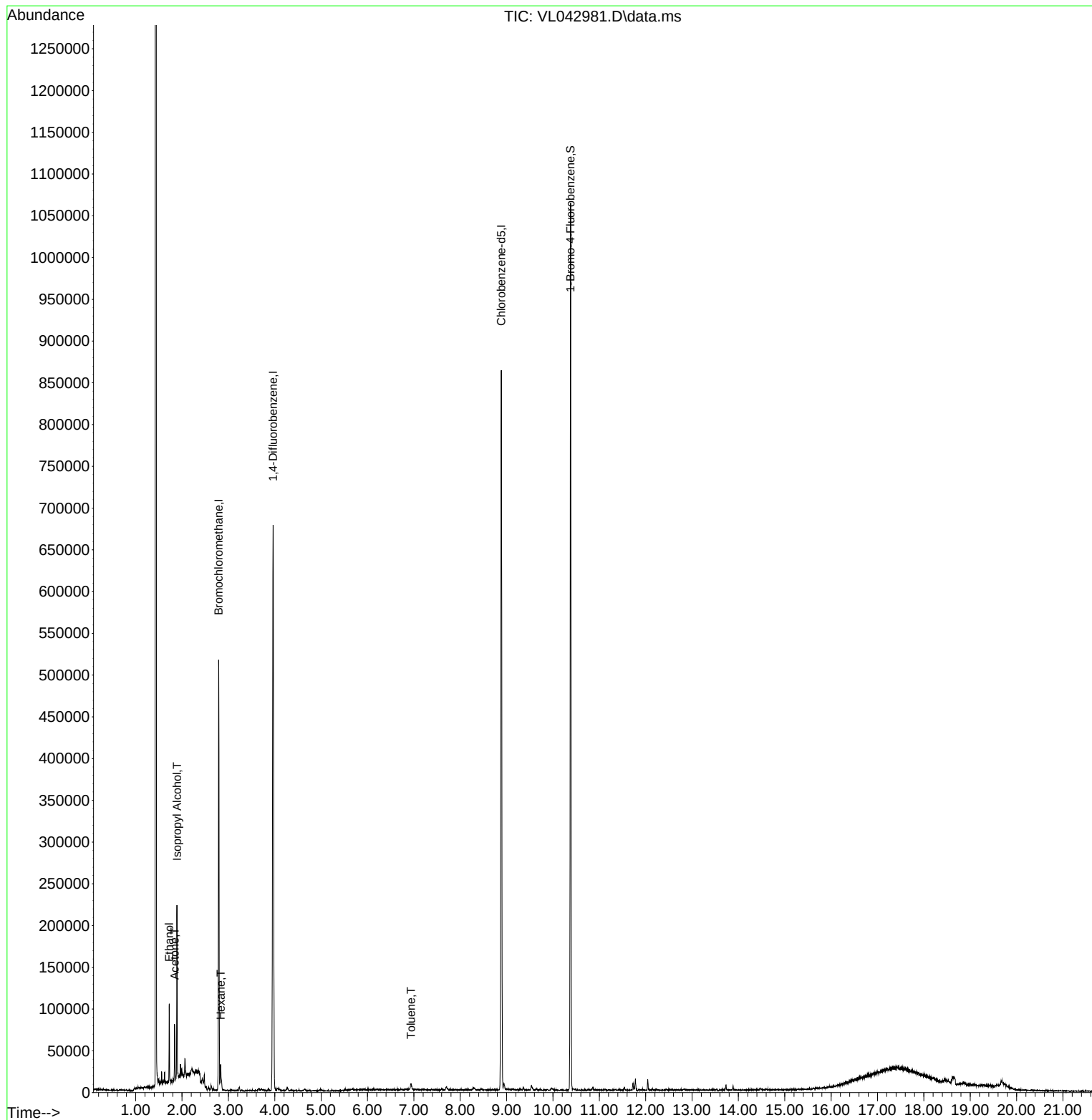
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
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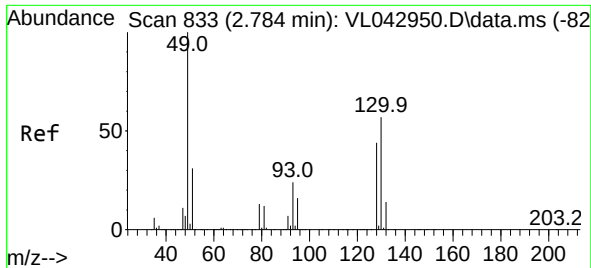
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ClientSampleId :
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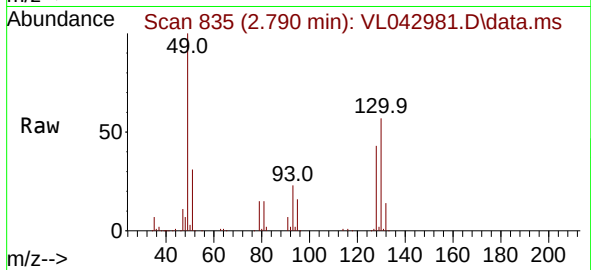
Reviewed By :Mahesh Dadoda 09/24/2025
Supervised By :Semsettin Yesilyurt 09/24/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042981.D
Acq: 23 Sep 2025 05:19

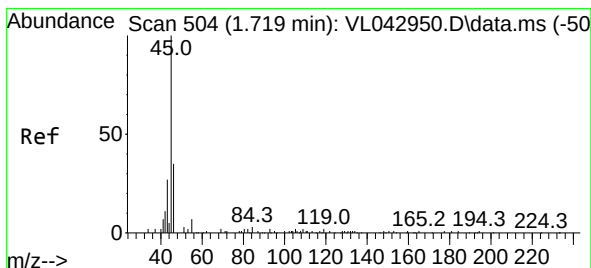
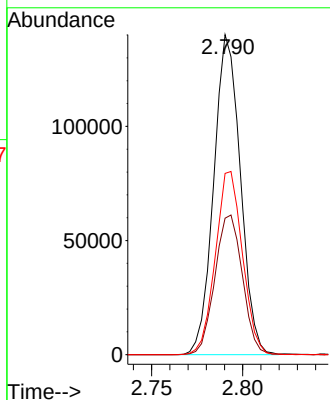
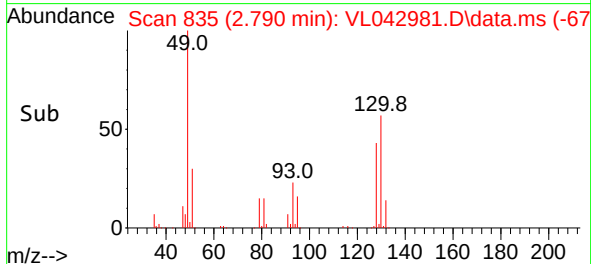
Instrument :
MSVOA_L
ClientSampleId :
151-1A-2DL



Tgt Ion: 49 Resp: 14247
Ion Ratio Lower Upper
49 100
128 45.2 22.9 68.8
130 58.3 29.1 87.3

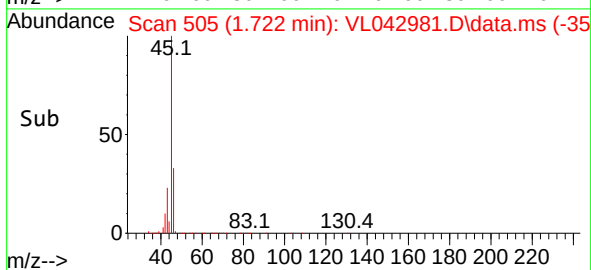
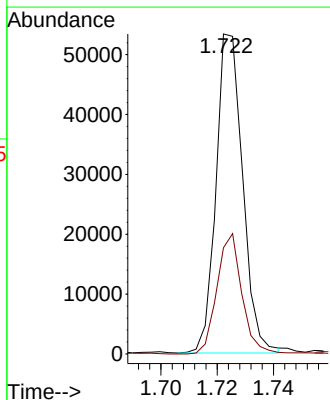
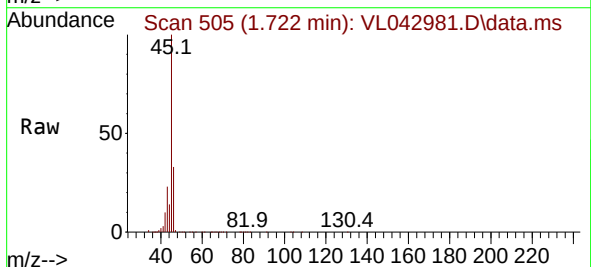
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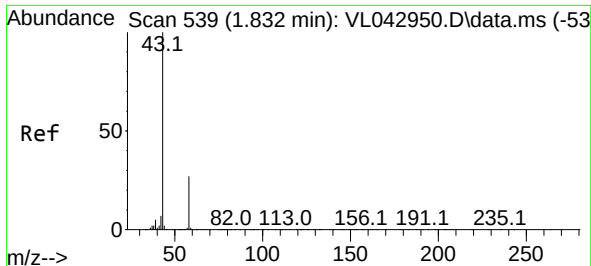
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#13
Ethanol
Concen: 34.770 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042981.D
Acq: 23 Sep 2025 05:19

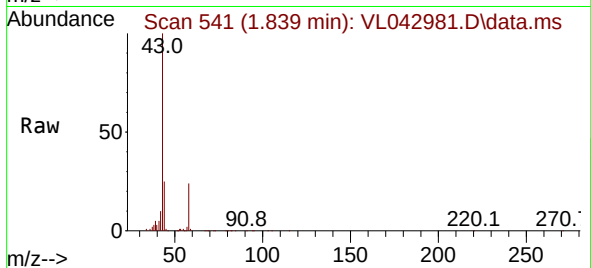
Tgt Ion: 45 Resp: 35047
Ion Ratio Lower Upper
45 100
46 36.1 16.2 64.6





#15
Acetone
Concen: 1.393 ppbv m
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL042981.D
Acq: 23 Sep 2025 05:19

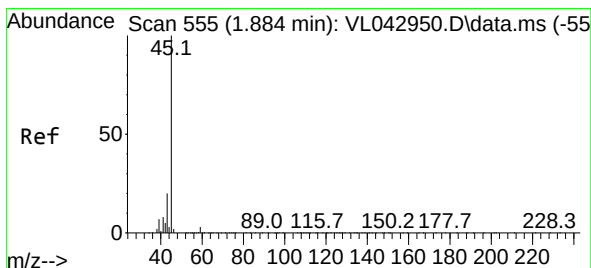
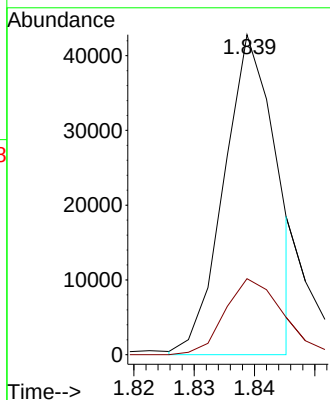
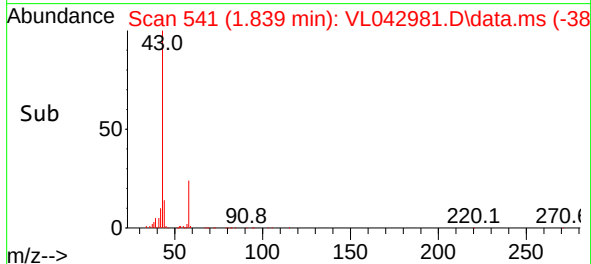
Instrument : MSVOA_L
ClientSampleId : 151-1A-2DL



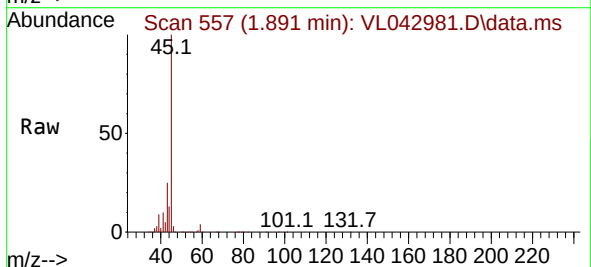
Tgt Ion: 43 Resp: 25840
Ion Ratio Lower Upper
43 100
58 26.7 22.3 33.5

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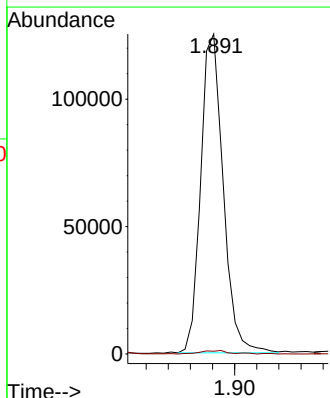
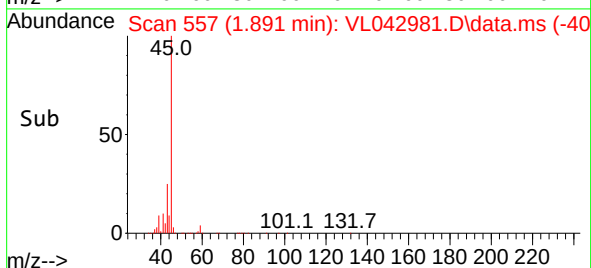
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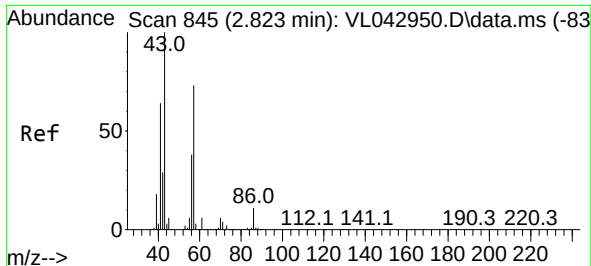


#19
Isopropyl Alcohol
Concen: 7.925 ppbv
RT: 1.891 min Scan# 557
Delta R.T. 0.006 min
Lab File: VL042981.D
Acq: 23 Sep 2025 05:19



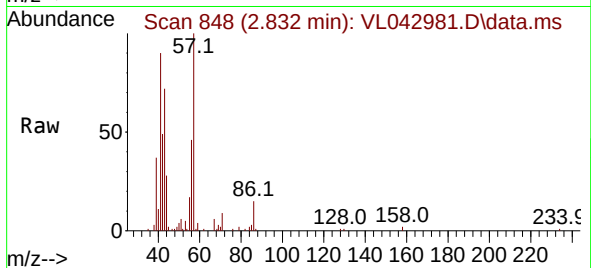
Tgt Ion: 45 Resp: 88410
Ion Ratio Lower Upper
45 100
58 1.5 31.0 46.6#





#26
Hexane
Concen: 0.321 ppbv
RT: 2.832 min Scan# 845
Delta R.T. 0.010 min
Lab File: VL042981.D
Acq: 23 Sep 2025 05:19

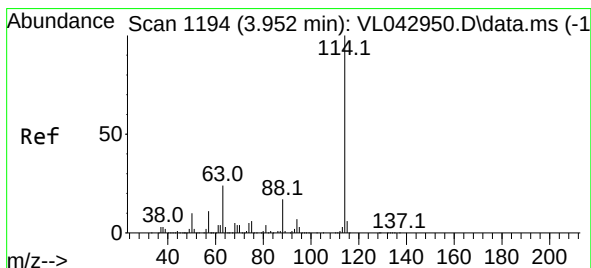
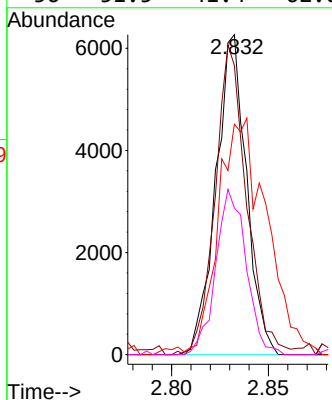
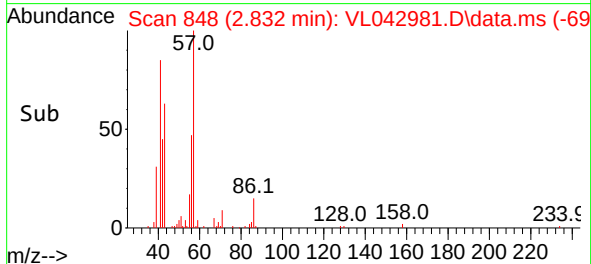
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ClientSampleId :
151-1A-2DL



Tgt Ion: 57 Resp: 6872
Ion Ratio Lower Upper
57 100
41 104.6 71.7 107.5
43 117.4 180.8 271.2
56 51.5 41.4 62.0

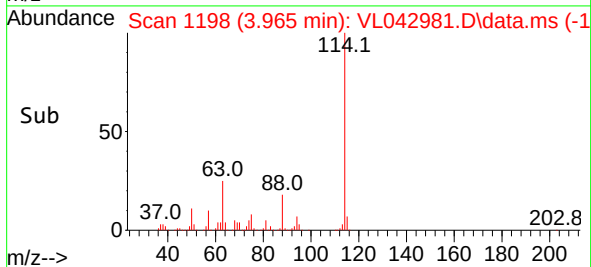
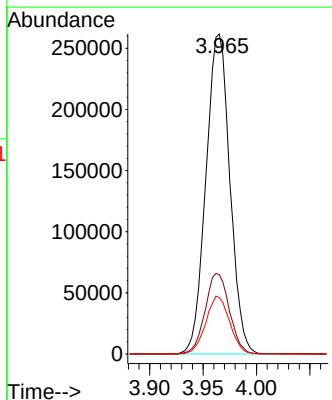
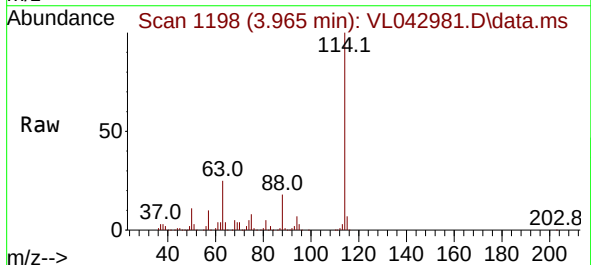
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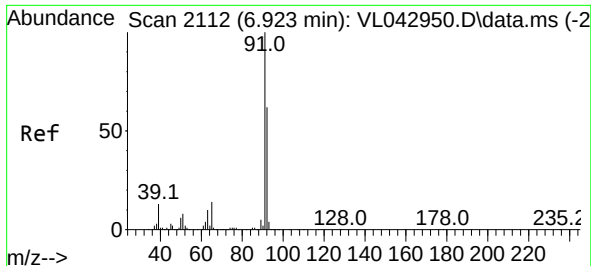
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.013 min
Lab File: VL042981.D
Acq: 23 Sep 2025 05:19

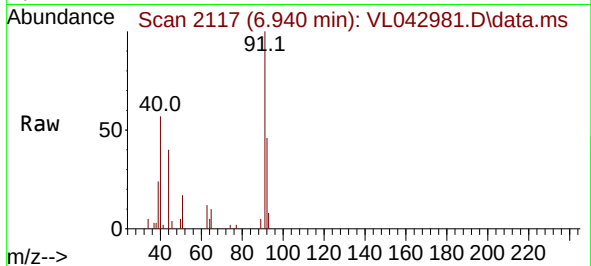
Tgt Ion:114 Resp: 408754
Ion Ratio Lower Upper
114 100
63 25.4 19.4 29.2
88 18.0 14.2 21.2





#53
Toluene
Concen: 0.125 ppbv m
RT: 6.940 min Scan# 2112
Delta R.T. 0.016 min
Lab File: VL042981.D
Acq: 23 Sep 2025 05:19

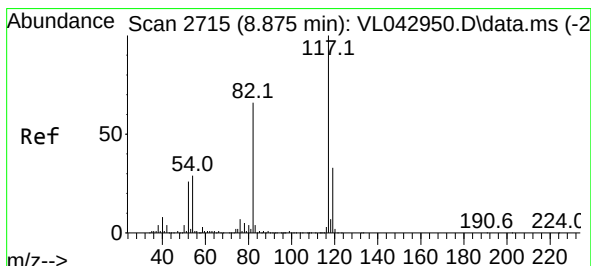
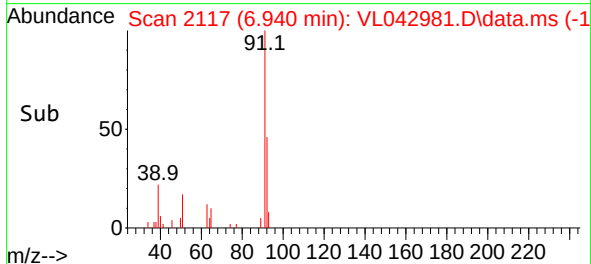
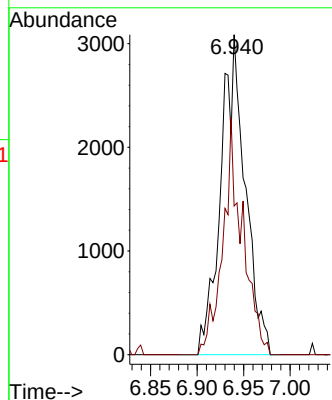
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151-1A-2DL



Tgt Ion: 91 Resp: 5680
Ion Ratio Lower Upper
91 100
92 59.0 48.2 72.2

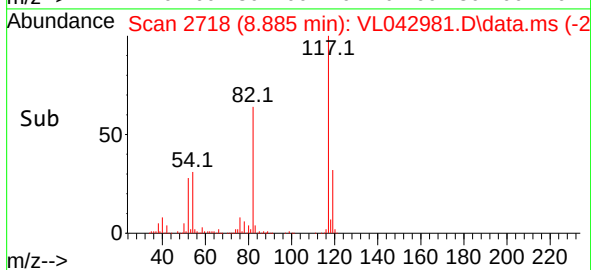
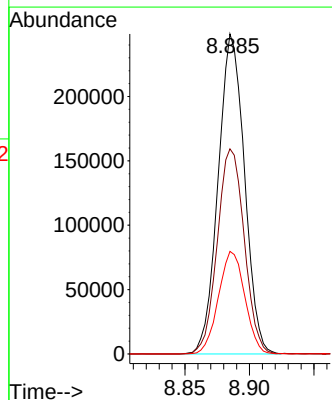
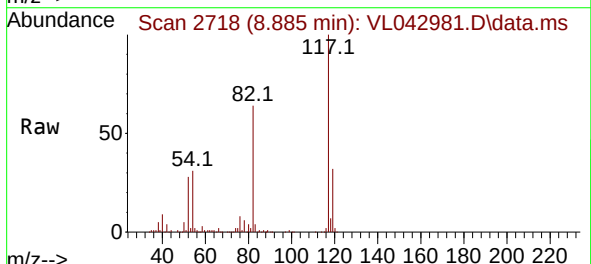
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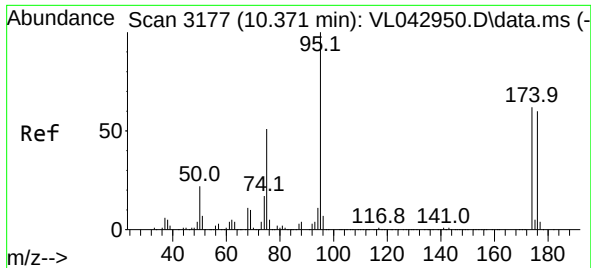
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. 0.010 min
Lab File: VL042981.D
Acq: 23 Sep 2025 05:19

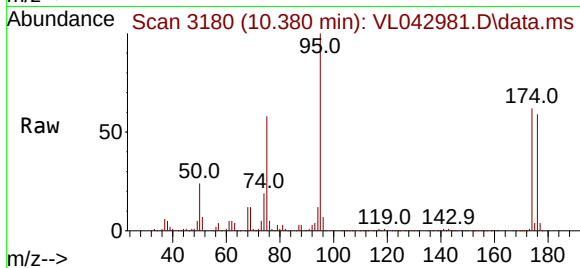
Tgt Ion:117 Resp: 352010
Ion Ratio Lower Upper
117 100
82 65.7 52.8 79.2
119 32.2 26.5 39.7





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.194 ppbv
 RT: 10.380 min Scan# 3177
 Delta R.T. 0.010 min
 Lab File: VL042981.D
 Acq: 23 Sep 2025 05:19

Instrument :
 MSVOA_L
 ClientSampleId :
 151-1A-2DL



Tgt Ion: 95 Resp: 267858
 Ion Ratio Lower Upper
 95 100
 174 60.4 51.4 77.2
 175 4.5 4.0 6.0

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