

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
 Data File : VL042268.D
 Acq On : 08 Apr 2025 17:29
 Operator : SY/MD
 Sample : Q1728-02 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B1-5-04012025

Manual Integrations
 APPROVED

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

Quant Time: Apr 09 01:58:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	159223	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.978	114	415413	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.901	117	363444	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	275901	9.244	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.400%
Target Compounds						
					Qvalue	
15) Acetone	1.845	43	21955	0.986	ppbv	97
20) Methylene Chloride	2.072	84	2465	0.297	ppbv #	81
53) Toluene	6.959	91	4858m	0.100	ppbv	

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

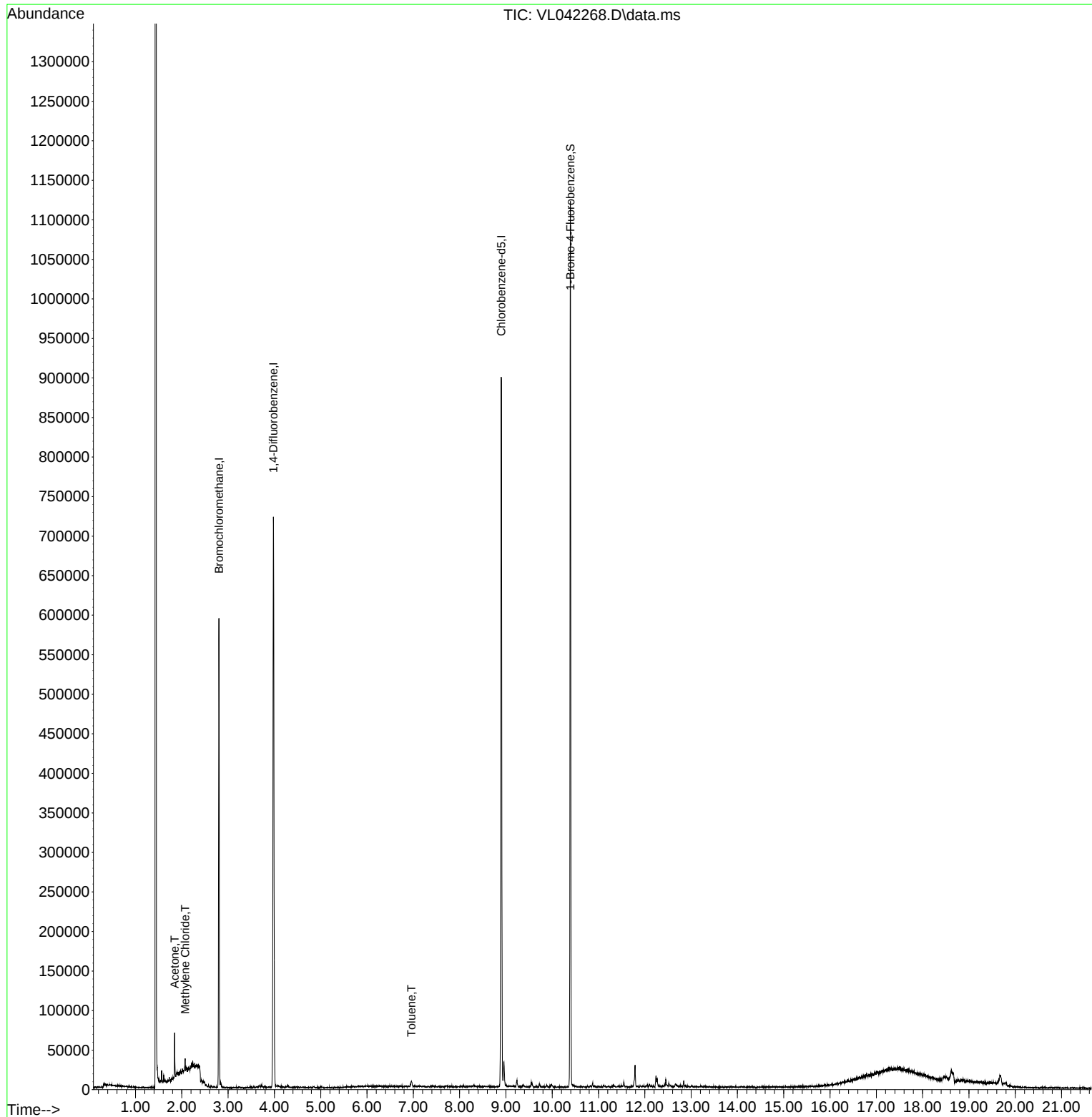
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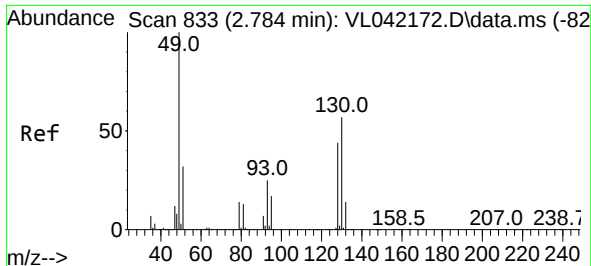
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B1-5-04012025

Quant Time: Apr 09 01:58:19 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

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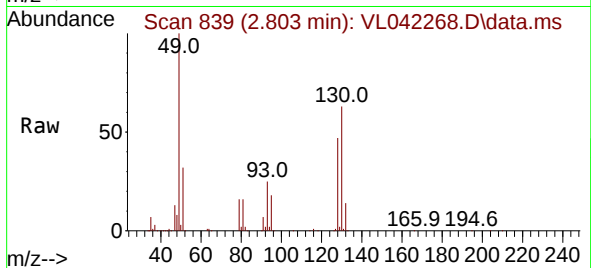
Reviewed By :Mahesh Dadoda 04/09/2025
Supervised By :Semsettin Yesilyurt 04/10/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 81
Delta R.T. 0.019 min
Lab File: VL042268.D
Acq: 08 Apr 2025 17:29

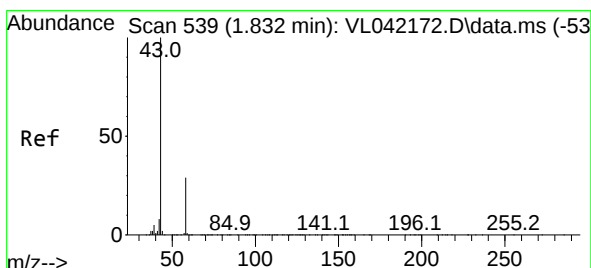
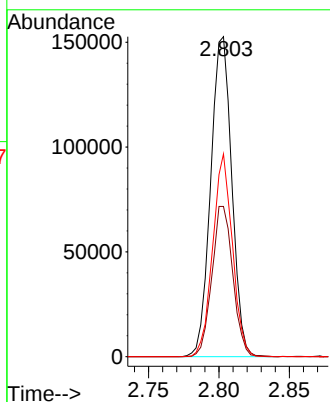
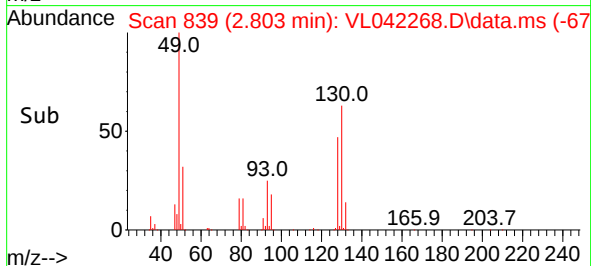
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B1-5-04012025



Tgt Ion: 49 Resp: 15922
Ion Ratio Lower Upper
49 100
128 46.6 22.9 68.5
130 59.1 28.8 86.4

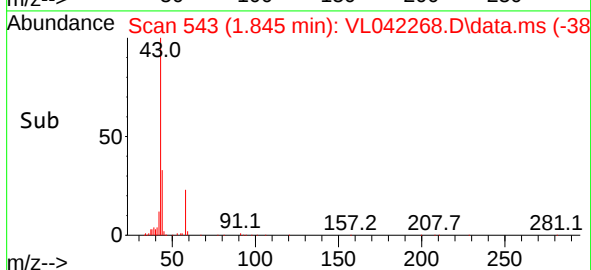
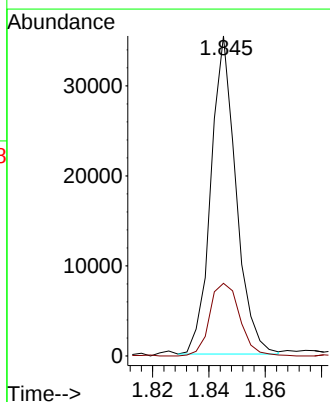
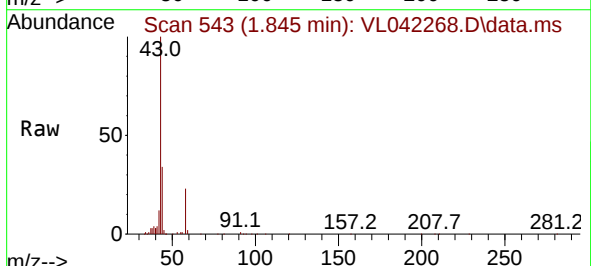
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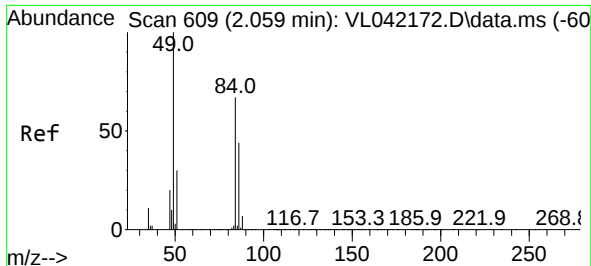
Reviewed By :Mahesh Dadoda 04/09/2025
Supervised By :Semsettin Yesilyurt 04/10/2025



#15
Acetone
Concen: 0.986 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.013 min
Lab File: VL042268.D
Acq: 08 Apr 2025 17:29

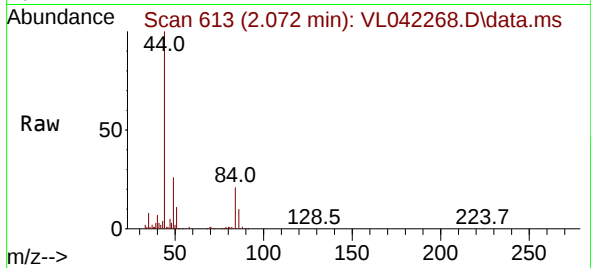
Tgt Ion: 43 Resp: 21955
Ion Ratio Lower Upper
43 100
58 27.5 23.2 34.8





#20
Methylene Chloride
Concen: 0.297 ppbv
RT: 2.072 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL042268.D
Acq: 08 Apr 2025 17:29

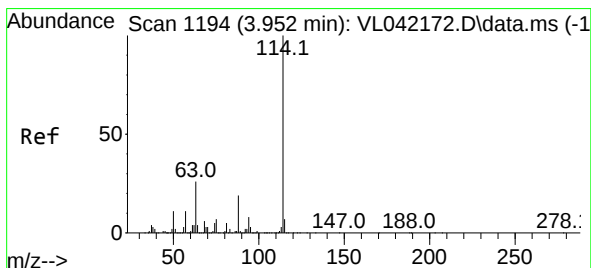
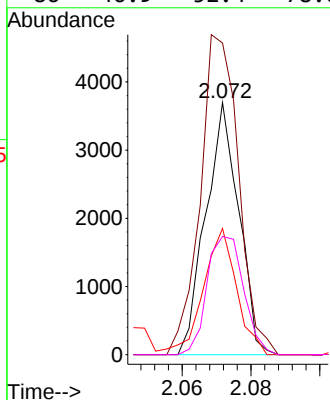
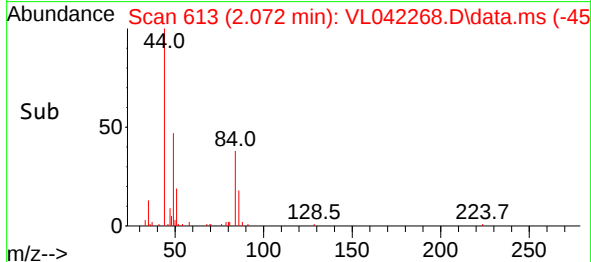
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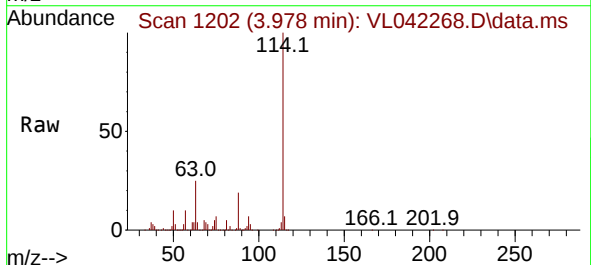
Tgt Ion:	84	Resp:	246
Ion	Ratio	Lower	Upper
84	100		
49	123.6	120.2	180.4
51	51.9	37.4	56.0
86	46.9	52.4	78.6

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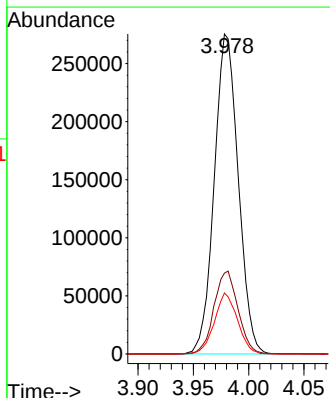
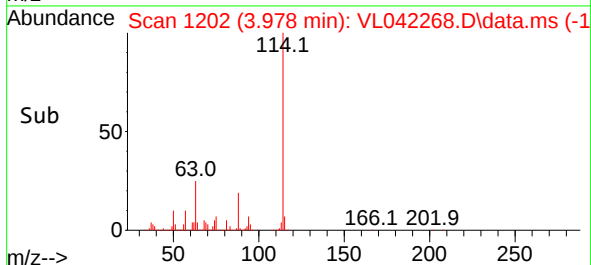
Reviewed By :Mahesh Dadoda 04/09/2025
Supervised By :Semsettin Yesilyurt 04/10/2025

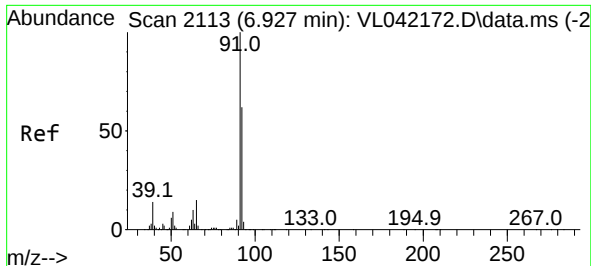


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 1202
Delta R.T. 0.026 min
Lab File: VL042268.D
Acq: 08 Apr 2025 17:29



Tgt Ion:	114	Resp:	415413
Ion	Ratio	Lower	Upper
114	100		
63	25.9	20.7	31.1
88	18.3	15.0	22.4





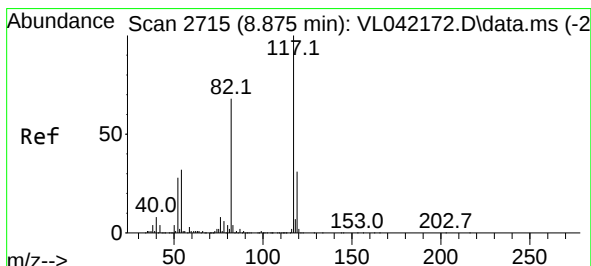
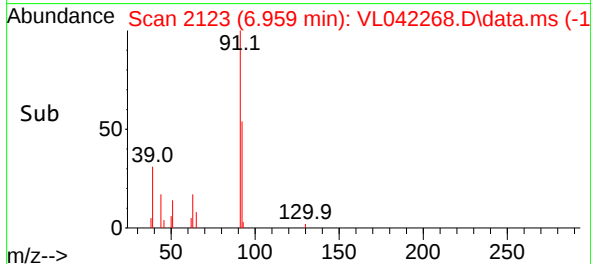
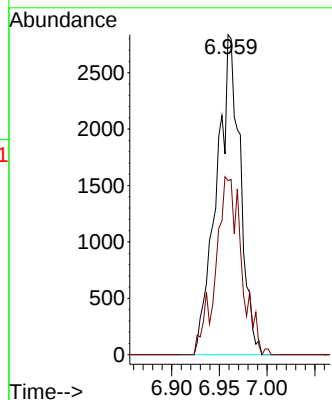
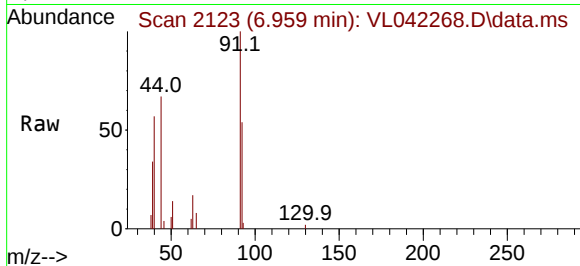
#53
Toluene
Concen: 0.100 ppbv m
RT: 6.959 min Scan# 2113
Delta R.T. 0.032 min
Lab File: VL042268.D
Acq: 08 Apr 2025 17:29

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 91 Resp: 4858
Ion Ratio Lower Upper
91 100
92 61.4 48.4 72.6

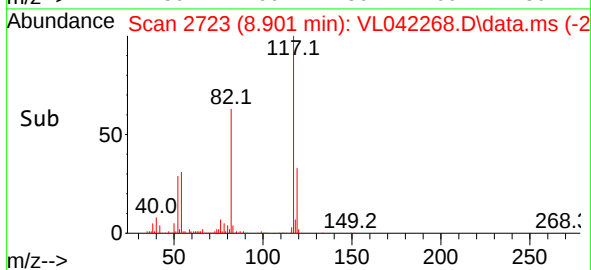
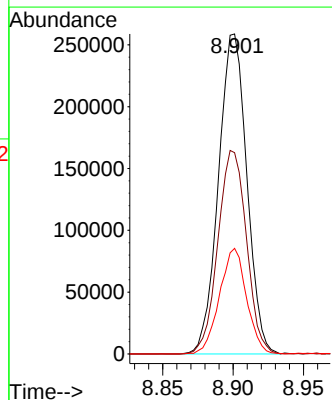
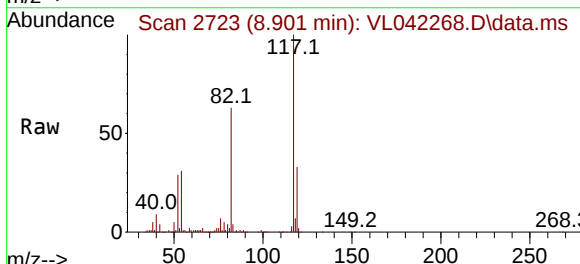
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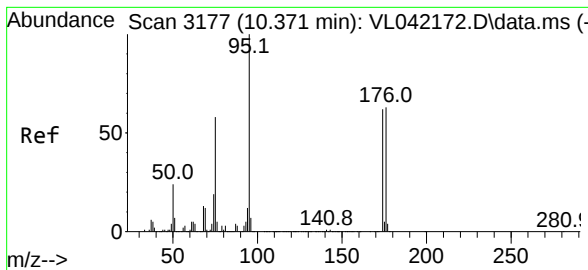
Reviewed By :Mahesh Dadoda 04/09/2025
Supervised By :Semsettin Yesilyurt 04/10/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2723
Delta R.T. 0.026 min
Lab File: VL042268.D
Acq: 08 Apr 2025 17:29

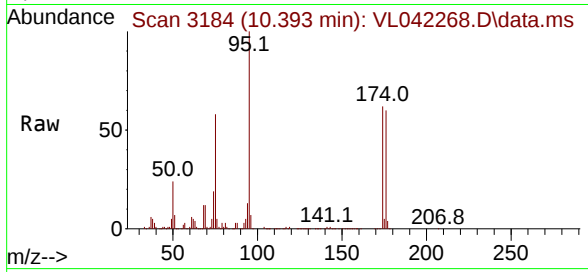
Tgt Ion:117 Resp: 363444
Ion Ratio Lower Upper
117 100
82 64.0 55.8 83.6
119 31.7 25.5 38.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.244 ppbv
 RT: 10.393 min Scan# 3177
 Delta R.T. 0.022 min
 Lab File: VL042268.D
 Acq: 08 Apr 2025 17:29

Instrument : MSVOA_L
 ClientSampleId : SSSG-B1-5-04012025



Tgt Ion: 95 Resp: 27590
 Ion Ratio Lower Upper
 95 100
 174 61.0 50.6 76.0
 175 4.6 3.8 5.6

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