

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031725\
 Data File : VL042162.D
 Acq On : 17 Mar 2025 17:33
 Operator : SY/MD
 Sample : Q1586-01DL2 1200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 565-SG-1DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

Quant Time: Mar 18 01:28:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	158742	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	380096	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	312036	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	235009	9.789	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						
					Qvalue	
10) Heptane	5.001	43	16656m	0.569	ppbv	
26) Hexane	2.836	57	150751	6.645	ppbv #	34
30) Cyclohexane	3.874	84	14644	0.795	ppbv #	77
36) Benzene	3.671	78	18812m	0.473	ppbv	

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

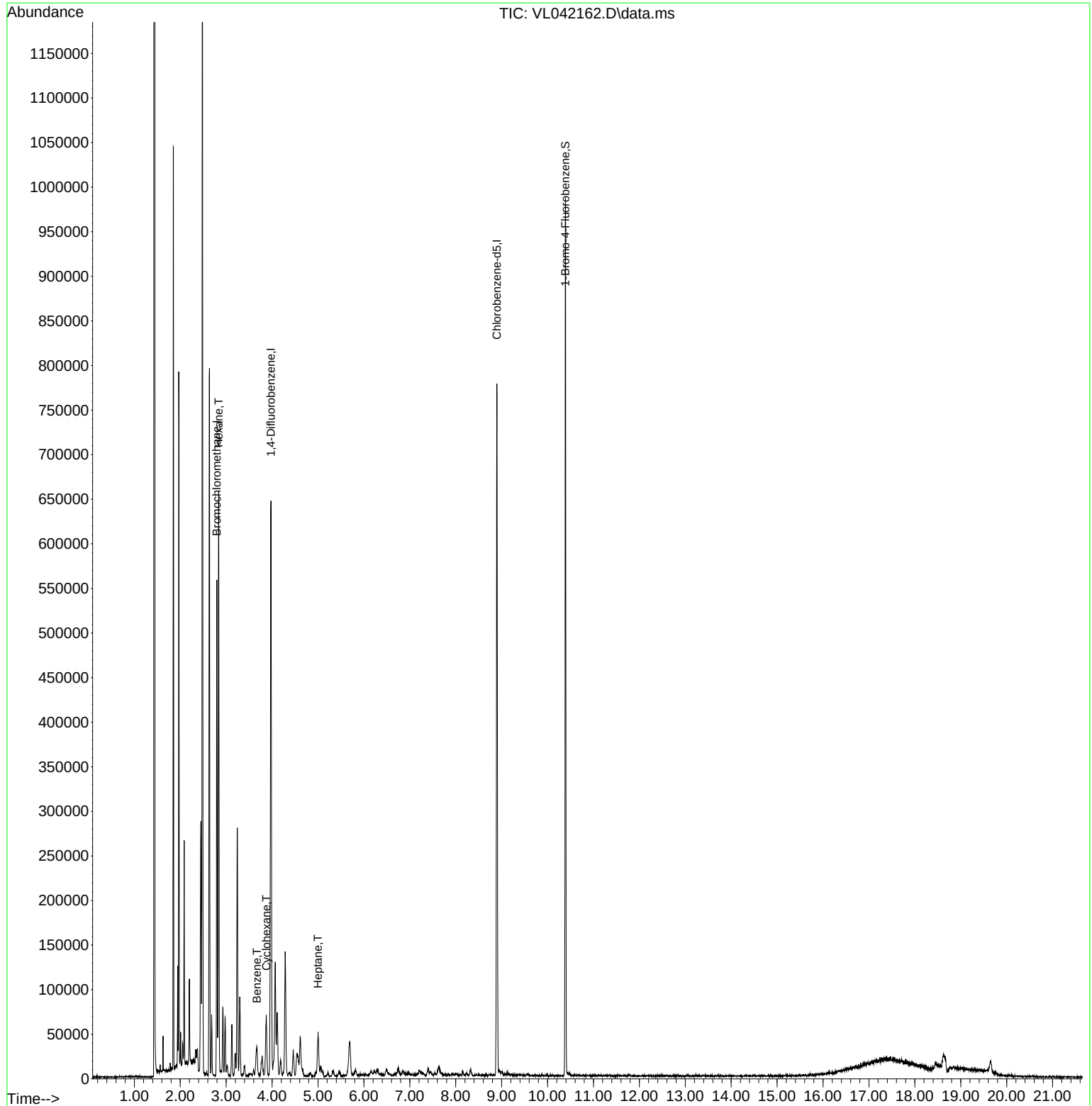
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031725\
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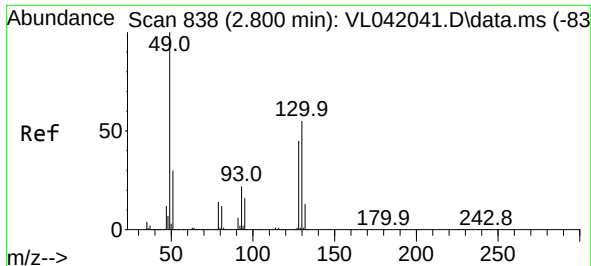
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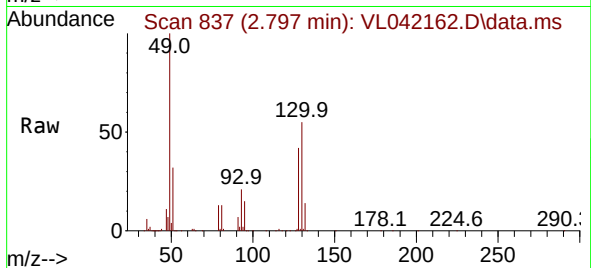
Quant Time: Mar 18 01:28:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042162.D
Acq: 17 Mar 2025 17:33

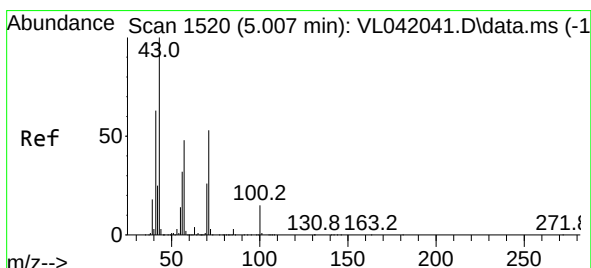
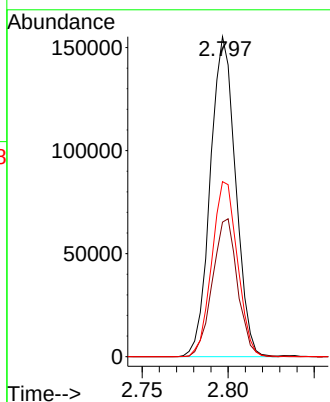
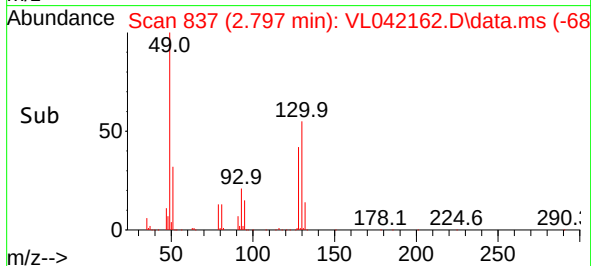
Instrument :
MSVOA_L
ClientSampleId :
565-SG-1DL2



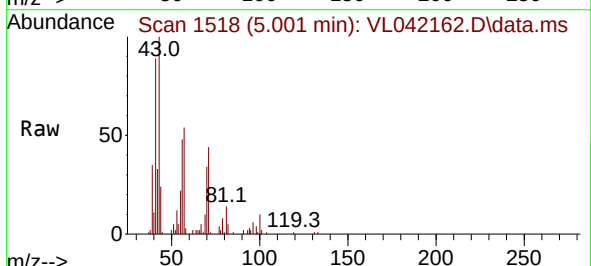
Tgt Ion: 49 Resp: 15874
Ion Ratio Lower Upper
49 100
128 42.7 21.6 64.8
130 55.3 27.8 83.4

Manual Integrations
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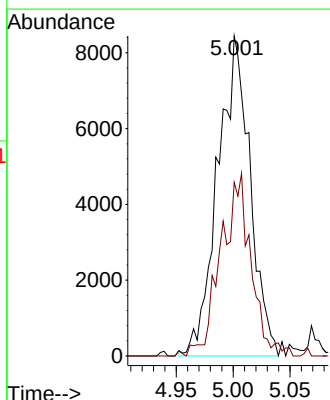
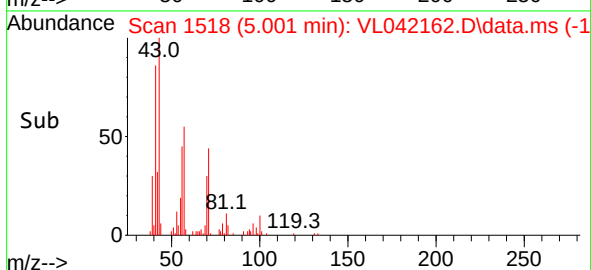
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

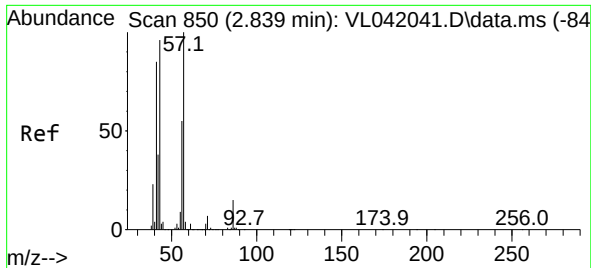


#10
Heptane
Concen: 0.569 ppbv m
RT: 5.001 min Scan# 1518
Delta R.T. -0.007 min
Lab File: VL042162.D
Acq: 17 Mar 2025 17:33



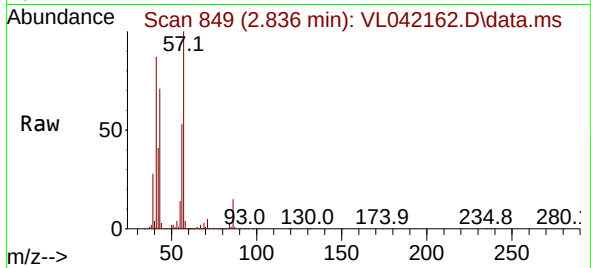
Tgt Ion: 43 Resp: 16656
Ion Ratio Lower Upper
43 100
57 53.7 39.4 59.0





#26
Hexane
Concen: 6.645 ppbv
RT: 2.836 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL042162.D
Acq: 17 Mar 2025 17:33

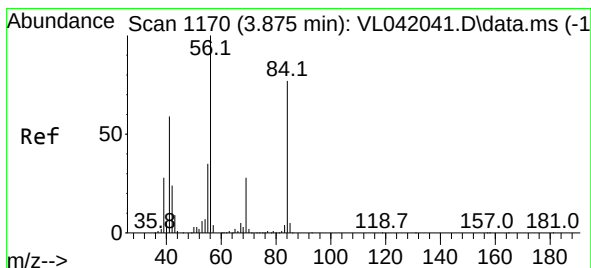
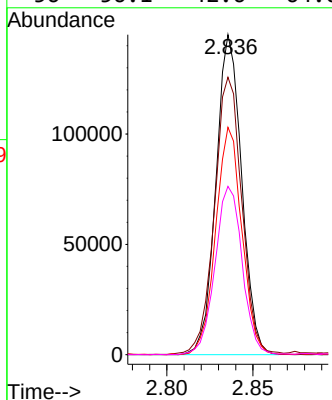
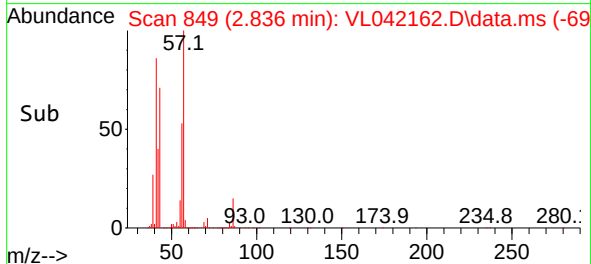
Instrument : MSVOA_L
ClientSampleId : 565-SG-1DL2



Tgt Ion: 57 Resp: 15075
Ion Ratio Lower Upper
57 100
41 93.1 70.6 106.0
43 72.9 199.4 299.0
56 56.1 42.6 64.0

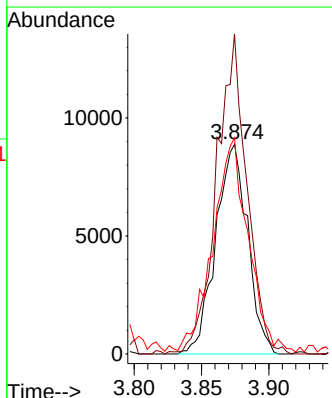
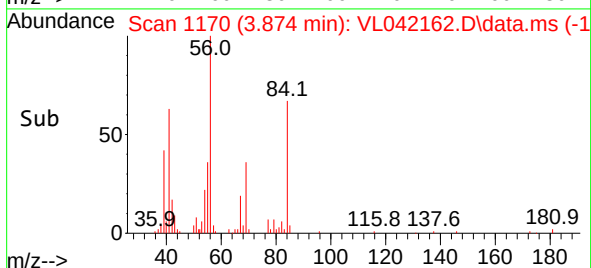
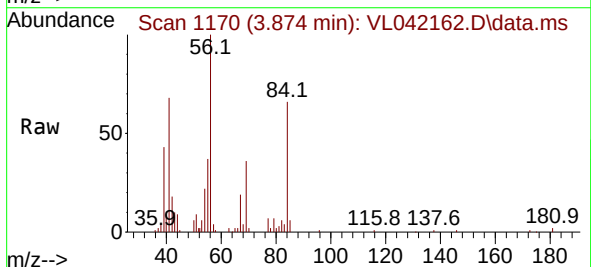
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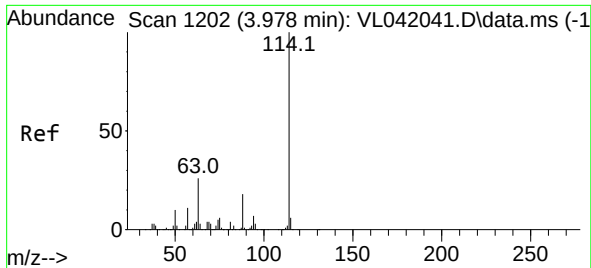
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#30
Cyclohexane
Concen: 0.795 ppbv
RT: 3.874 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VL042162.D
Acq: 17 Mar 2025 17:33

Tgt Ion: 84 Resp: 14644
Ion Ratio Lower Upper
84 100
56 144.7 101.5 152.3
41 108.2 62.6 93.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VL042162.D

Acq: 17 Mar 2025 17:33

Instrument :

MSVOA_L

ClientSampleId :

565-SG-1DL2

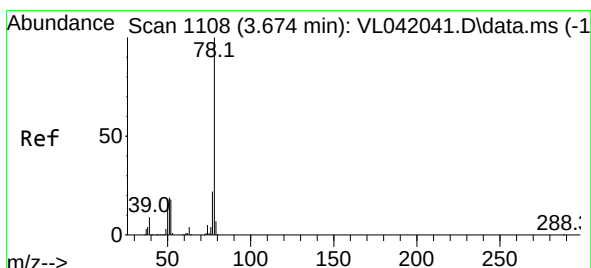
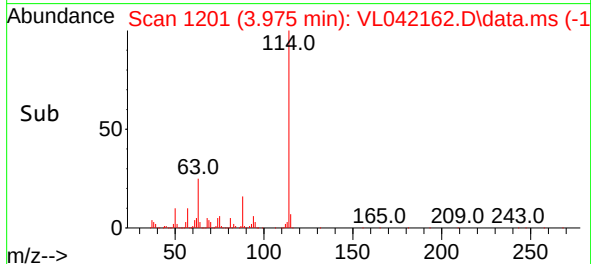
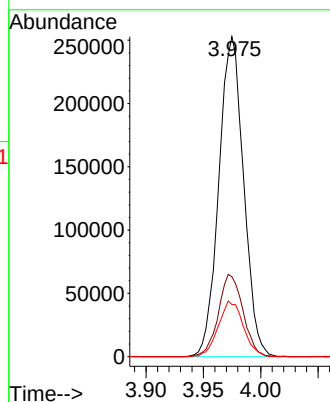
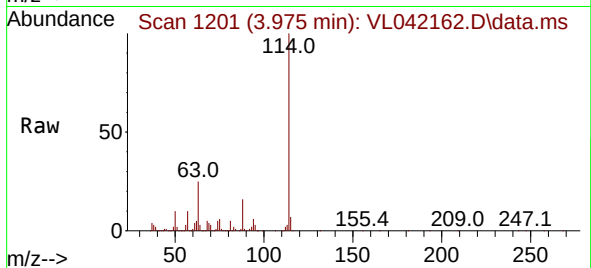
Tgt Ion: 114 Resp: 380090

Ion	Ratio	Lower	Upper
114	100		
63	25.6	20.1	30.1
88	17.5	14.3	21.5

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#36

Benzene

Concen: 0.473 ppbv m

RT: 3.671 min Scan# 1107

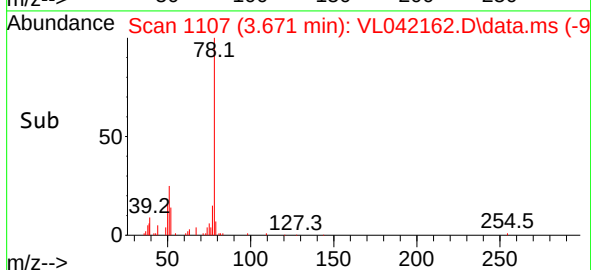
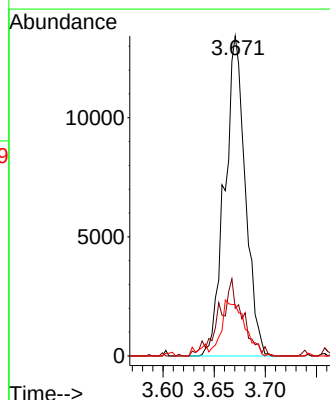
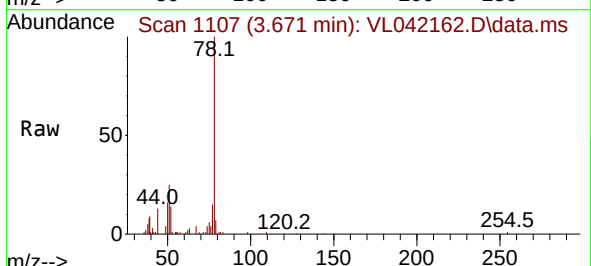
Delta R.T. -0.003 min

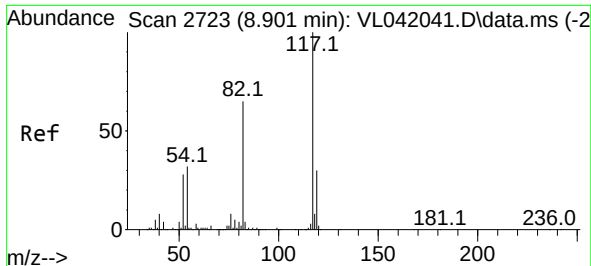
Lab File: VL042162.D

Acq: 17 Mar 2025 17:33

Tgt Ion: 78 Resp: 18812

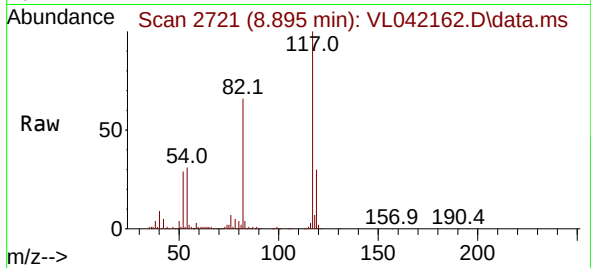
Ion	Ratio	Lower	Upper
78	100		
77	14.9	17.7	26.5
50	16.0	13.9	20.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042162.D
Acq: 17 Mar 2025 17:33

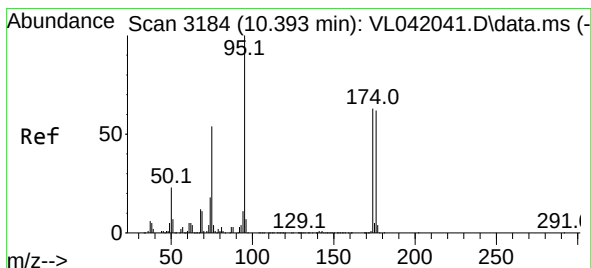
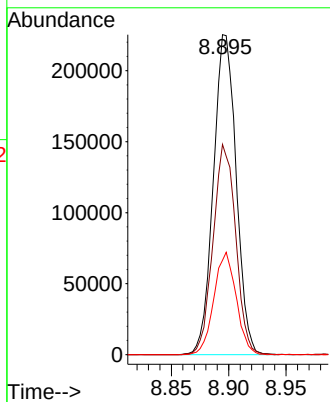
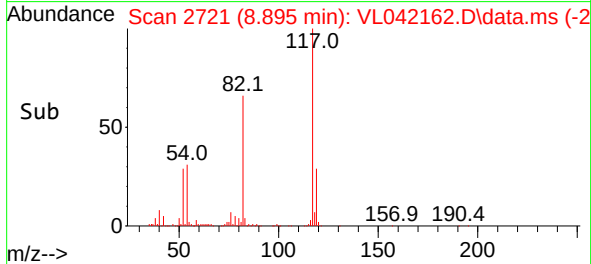
Instrument :
MSVOA_L
ClientSampleId :
565-SG-1DL2



Tgt Ion: 117 Resp: 312030
Ion Ratio Lower Upper
117 100
82 65.3 55.0 82.6
119 31.3 25.9 38.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.789 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. -0.003 min
Lab File: VL042162.D
Acq: 17 Mar 2025 17:33

Tgt Ion: 95 Resp: 235009
Ion Ratio Lower Upper
95 100
174 64.4 51.8 77.6
175 4.8 3.9 5.9

