

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030325\
 Data File : VL042082.D
 Acq On : 03 Mar 2025 17:55
 Operator : SY/MD
 Sample : Q1430-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025

Quant Time: Mar 04 00:20:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	2.787	49	163345	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.959	114	361923	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	302484	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	218838	9.404	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.000%
Target Compounds						
					Qvalue	
13) Ethanol	1.722	45	8052	13.115	ppbv #	33
15) Acetone	1.835	43	10453	0.725	ppbv #	74
34) 2-Butanone	2.560	43	20922	0.742	ppbv	95
52) Tetrachloroethene	8.218	164	1418m	0.109	ppbv	
53) Toluene	6.923	91	4936m	0.117	ppbv	

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

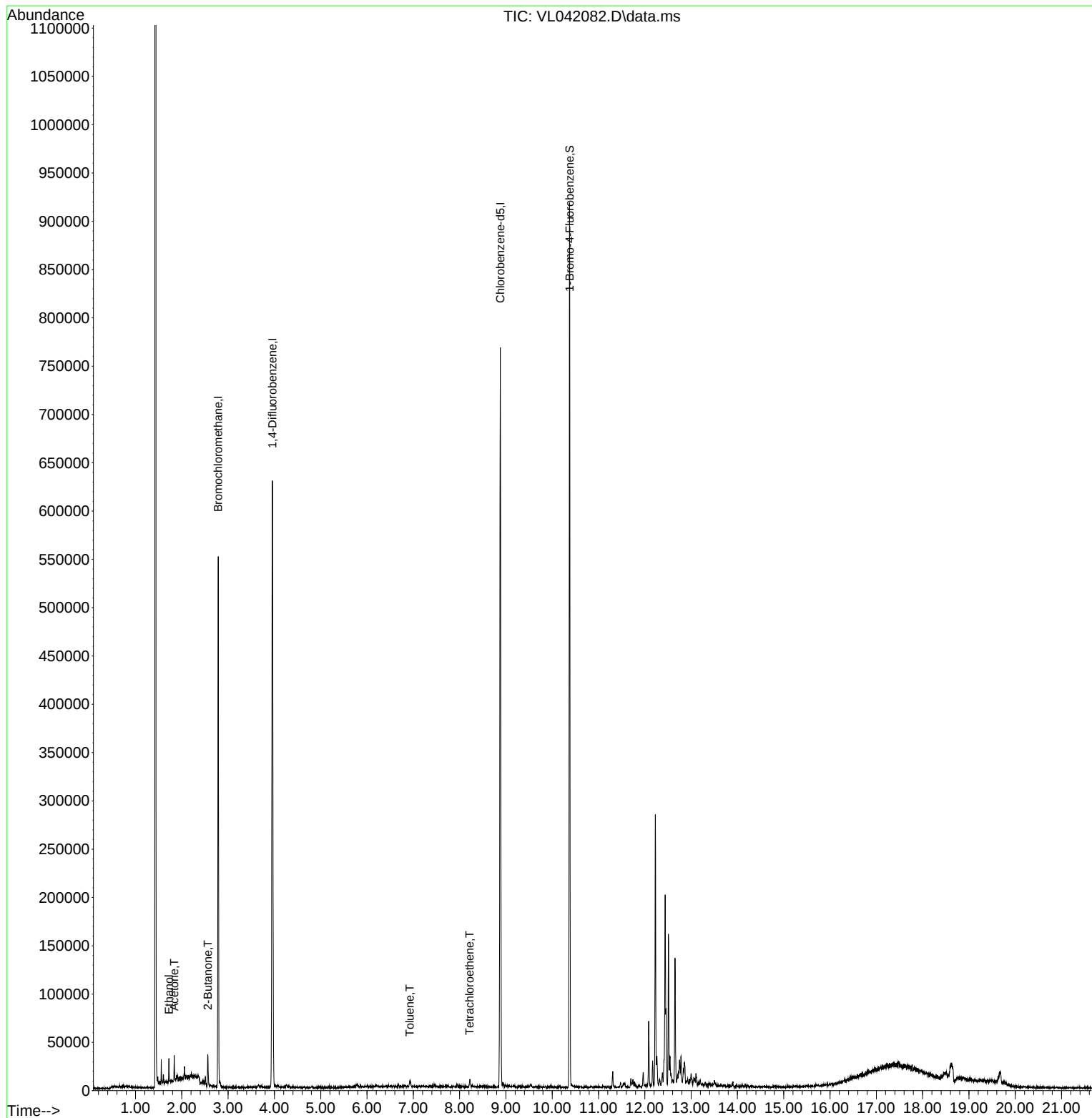
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030325\
Data File : VL042082.D
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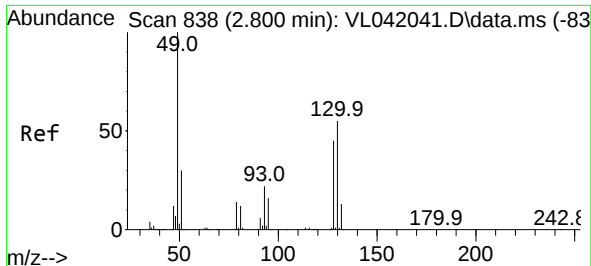
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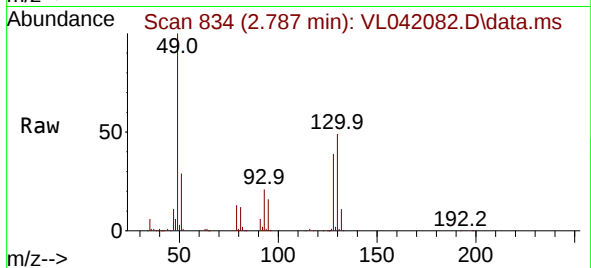
Quant Time: Mar 04 00:20:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL042082.D
Acq: 03 Mar 2025 17:55

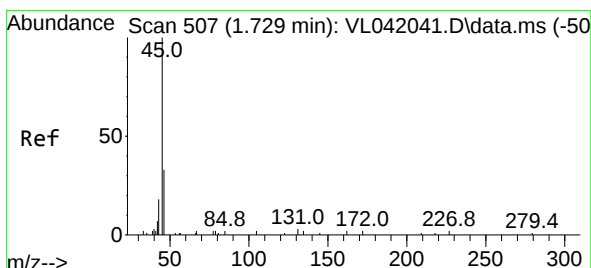
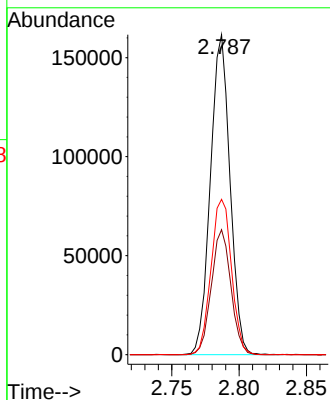
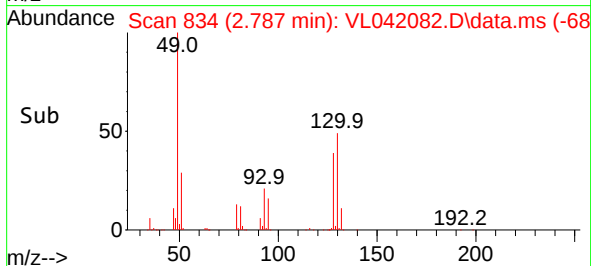
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 49 Resp: 16334
Ion Ratio Lower Upper
49 100
128 39.1 21.6 64.8
130 50.8 27.8 83.4

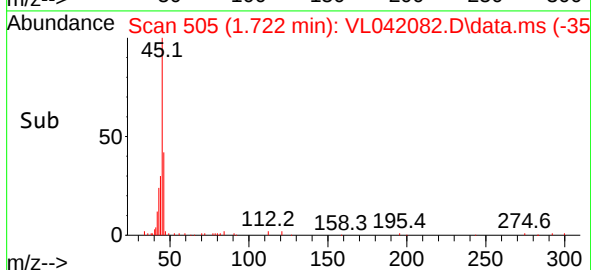
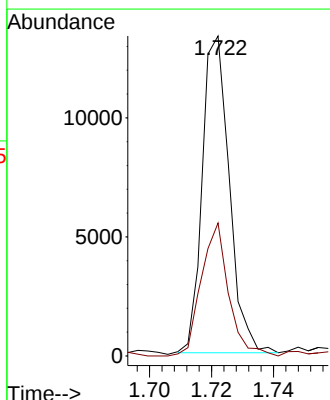
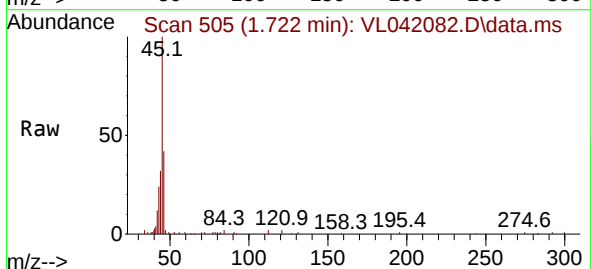
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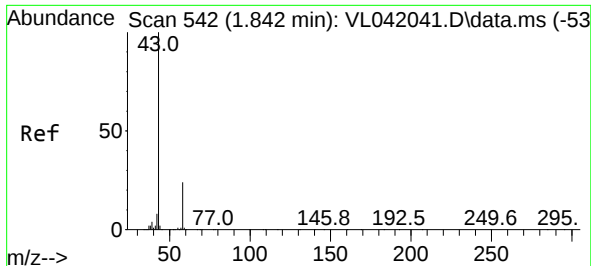
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#13
Ethanol
Concen: 13.115 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.007 min
Lab File: VL042082.D
Acq: 03 Mar 2025 17:55

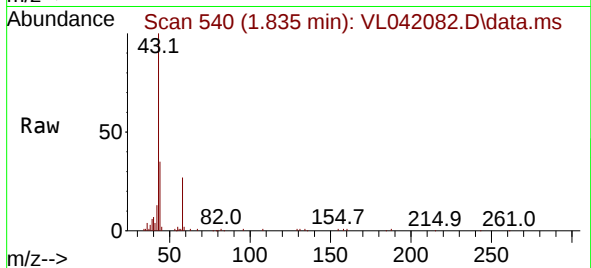
Tgt Ion: 45 Resp: 8052
Ion Ratio Lower Upper
45 100
46 0.0 17.1 68.3#





#15
Acetone
Concen: 0.725 ppbv
RT: 1.835 min Scan# 542
Delta R.T. -0.007 min
Lab File: VL042082.D
Acq: 03 Mar 2025 17:55

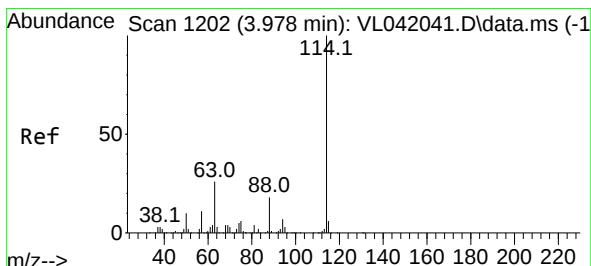
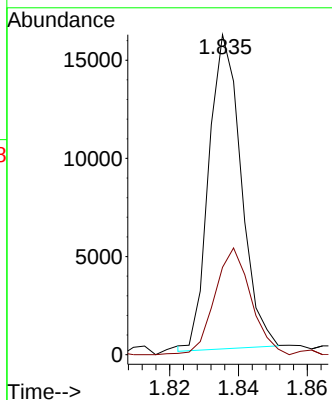
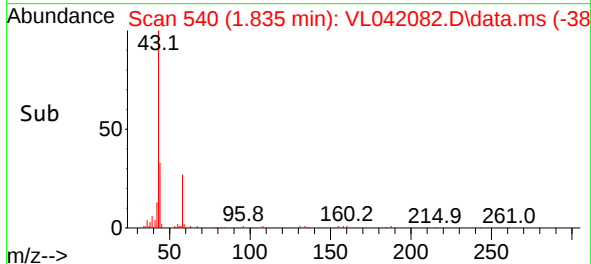
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 43 Resp: 1045
Ion Ratio Lower Upper
43 100
58 39.0 20.7 31.1

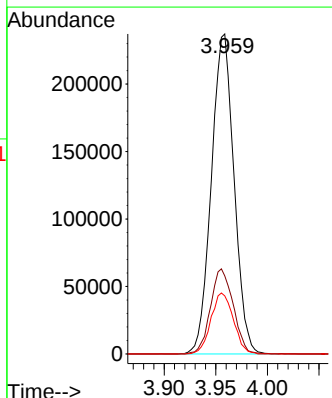
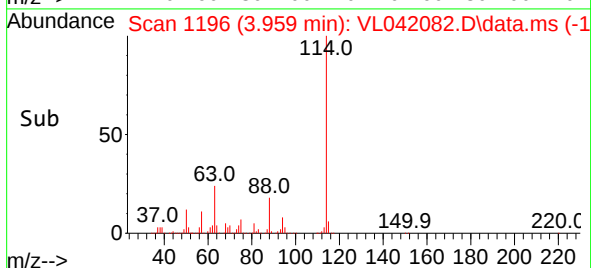
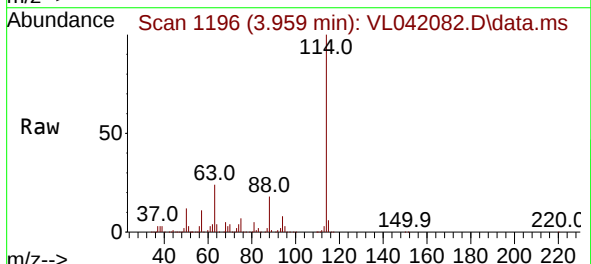
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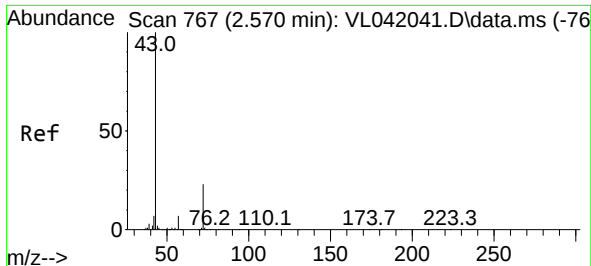
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.020 min
Lab File: VL042082.D
Acq: 03 Mar 2025 17:55

Tgt Ion:114 Resp: 361923
Ion Ratio Lower Upper
114 100
63 26.7 20.1 30.1
88 18.8 14.3 21.5





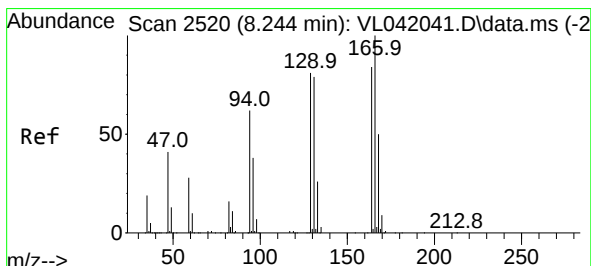
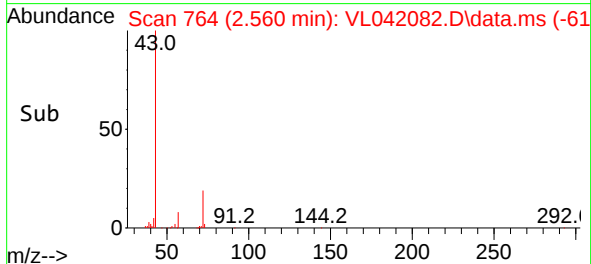
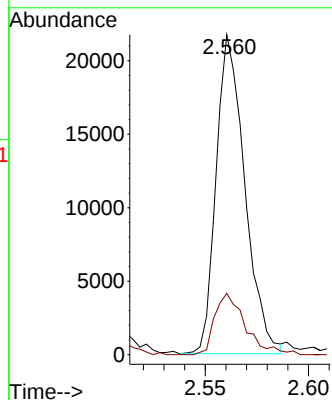
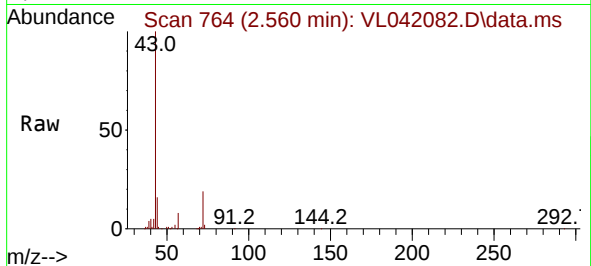
#34
2-Butanone
Concen: 0.742 ppbv
RT: 2.560 min Scan# 709
Delta R.T. -0.010 min
Lab File: VL042082.D
Acq: 03 Mar 2025 17:55

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 43 Resp: 2092
Ion Ratio Lower Upper
43 100
72 20.7 18.5 27.7

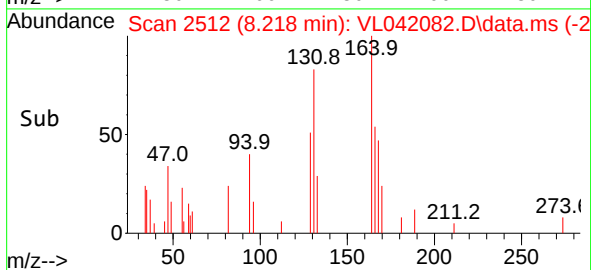
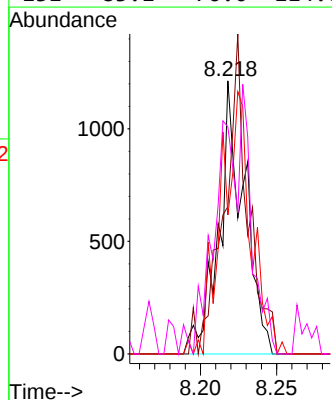
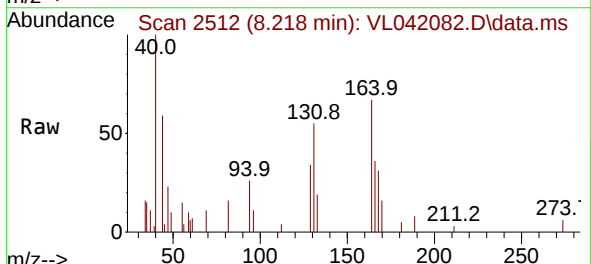
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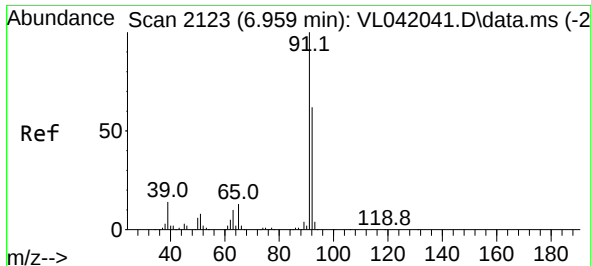
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#52
Tetrachloroethene
Concen: 0.109 ppbv m
RT: 8.218 min Scan# 2512
Delta R.T. -0.026 min
Lab File: VL042082.D
Acq: 03 Mar 2025 17:55

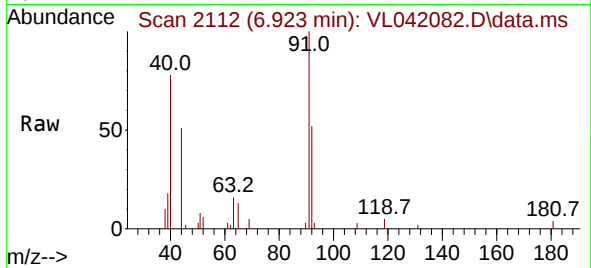
Tgt Ion:164 Resp: 1418
Ion Ratio Lower Upper
164 100
166 54.0 95.7 143.5#
129 50.9 77.1 115.7#
131 83.1 76.0 114.0





#53
Toluene
Concen: 0.117 ppbv m
RT: 6.923 min Scan# 2112
Delta R.T. -0.036 min
Lab File: VL042082.D
Acq: 03 Mar 2025 17:55

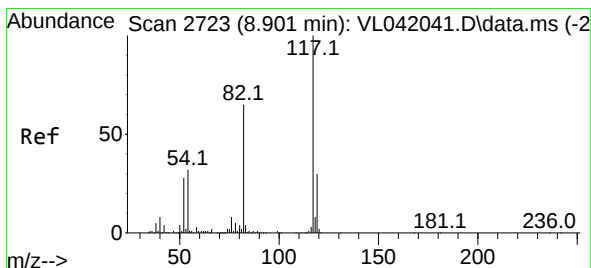
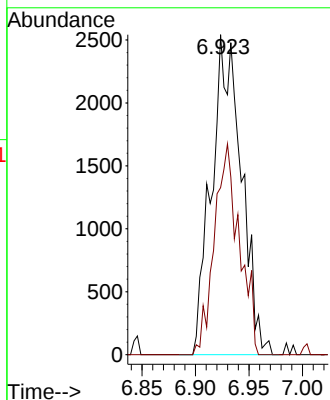
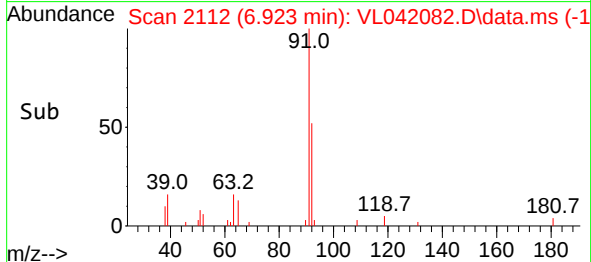
Instrument :
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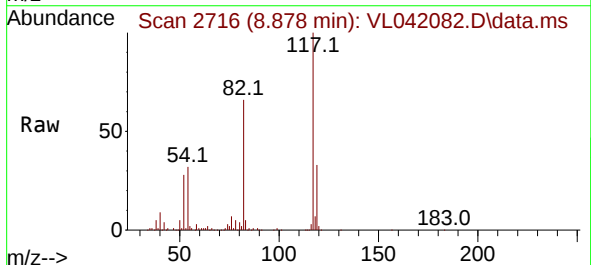
Tgt Ion: 91 Resp: 4930
Ion Ratio Lower Upper
91 100
92 0.0 49.0 73.6

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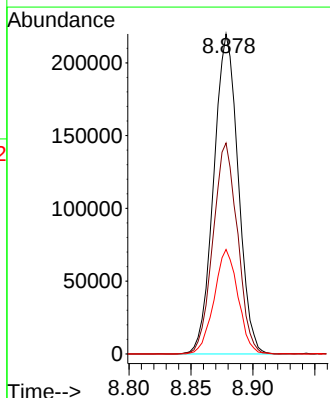
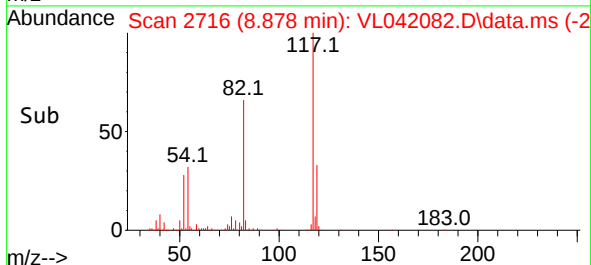
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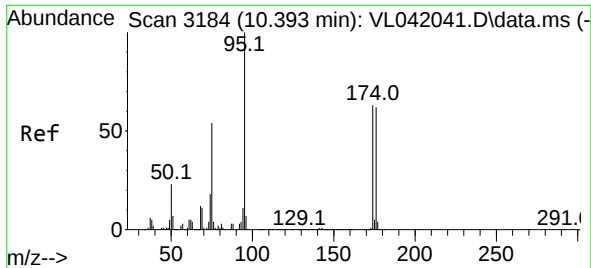


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2716
Delta R.T. -0.023 min
Lab File: VL042082.D
Acq: 03 Mar 2025 17:55



Tgt Ion:117 Resp: 302484
Ion Ratio Lower Upper
117 100
82 66.0 55.0 82.6
119 32.0 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.404 ppbv
 RT: 10.374 min Scan# 31
 Delta R.T. -0.020 min
 Lab File: VL042082.D
 Acq: 03 Mar 2025 17:55

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Tgt Ion: 95 Resp: 218838
 Ion Ratio Lower Upper
 95 100
 174 61.8 51.8 77.6
 175 4.3 3.9 5.9

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