

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
 Data File : VL042061.D
 Acq On : 26 Feb 2025 14:55
 Operator : SY/MD
 Sample : Q1419-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

Quant Time: Feb 27 00:30:51 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	2.794	49	153450	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	349155	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	300193	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	234153	10.139	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%
Target Compounds						
					Qvalue	
29) Chloroform	2.855	83	3887	0.132	ppbv #	80
34) 2-Butanone	2.570	43	7901	0.290	ppbv	100
38) Trichloroethene	4.564	130	868m	0.058	ppbv	
52) Tetrachloroethene	8.238	164	313696	25.070	ppbv	94

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

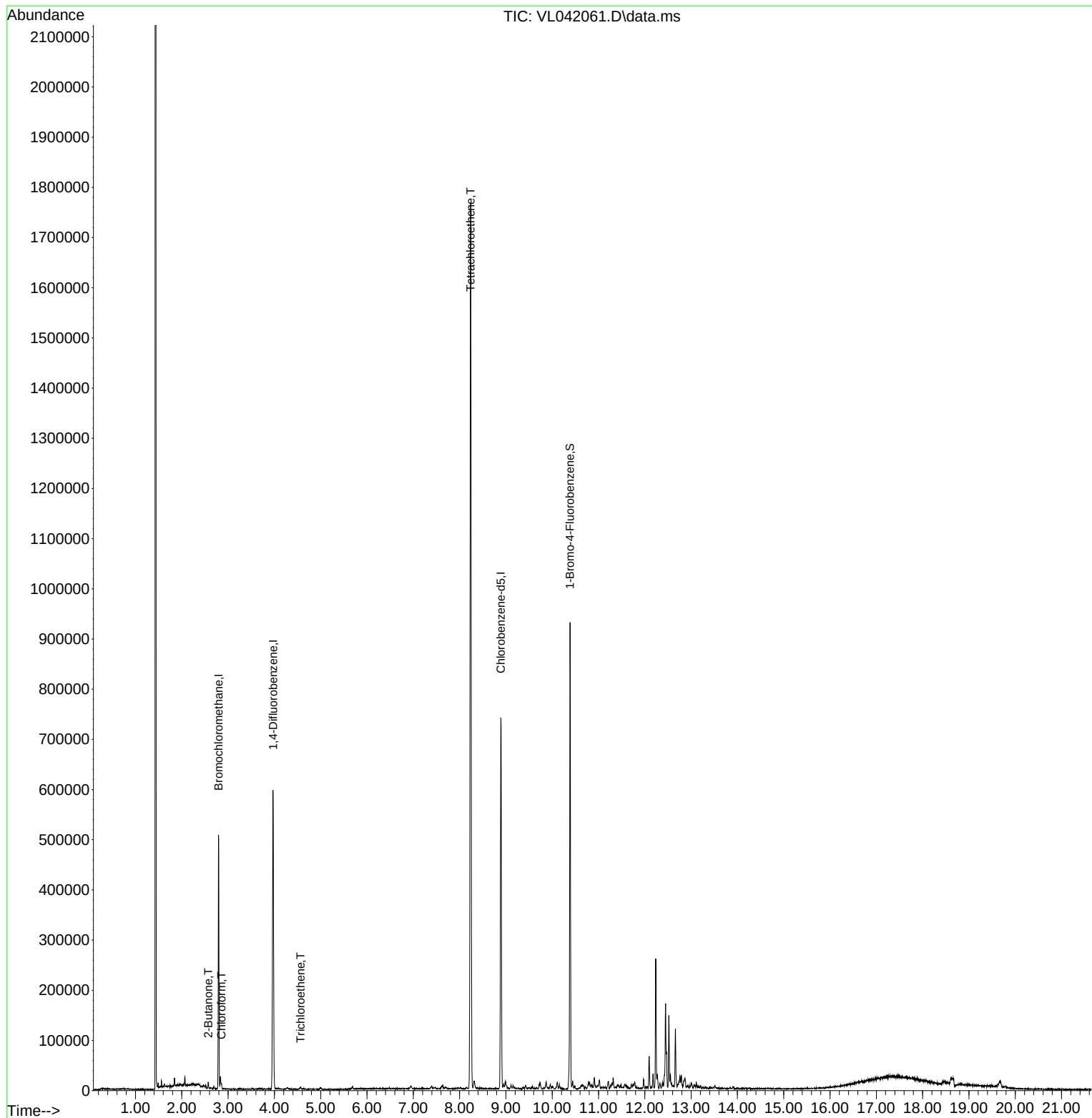
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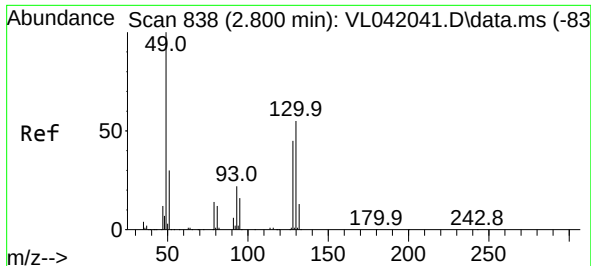
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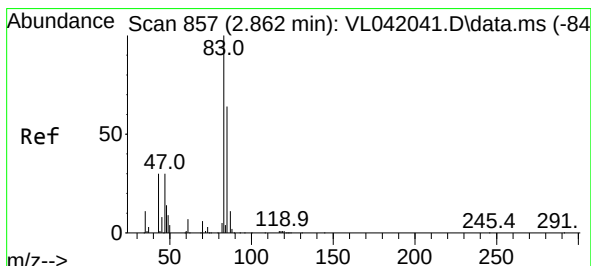
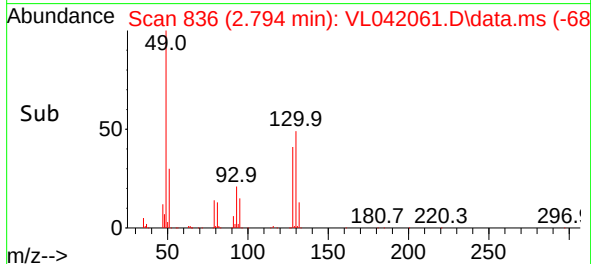
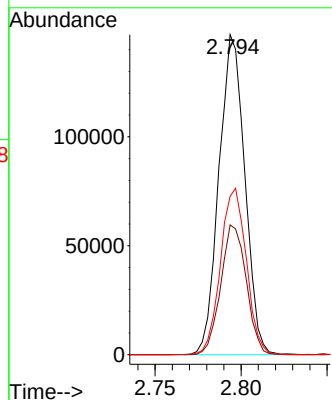
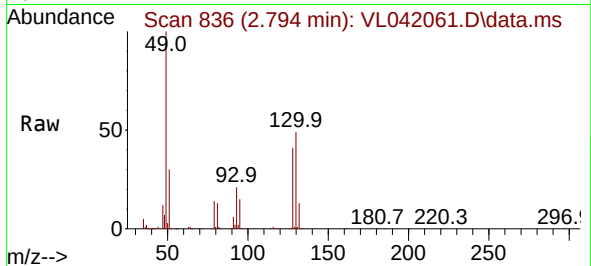
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL042061.D
Acq: 26 Feb 2025 14:55

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 153450
Ion Ratio Lower Upper
49 100
128 40.1 21.6 64.8
130 52.0 27.8 83.4

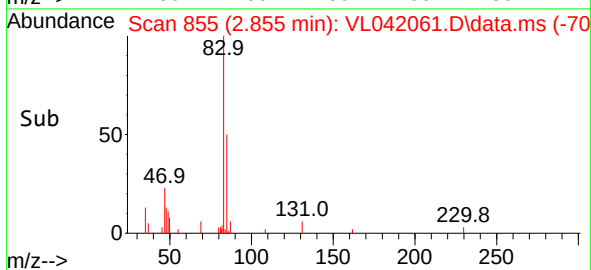
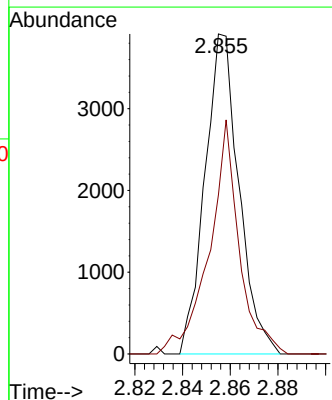
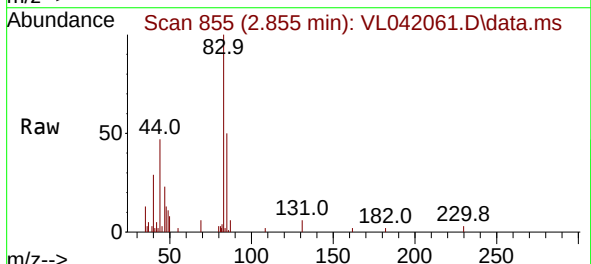
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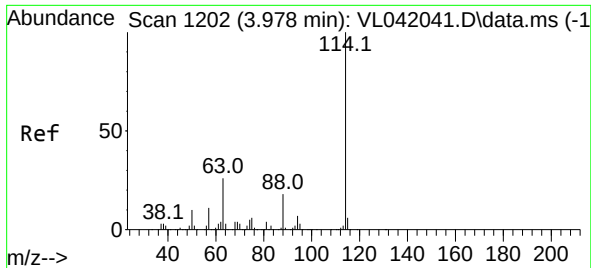
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#29
Chloroform
Concen: 0.132 ppbv
RT: 2.855 min Scan# 855
Delta R.T. -0.006 min
Lab File: VL042061.D
Acq: 26 Feb 2025 14:55

Tgt Ion: 83 Resp: 3887
Ion Ratio Lower Upper
83 100
85 48.0 51.2 76.8#





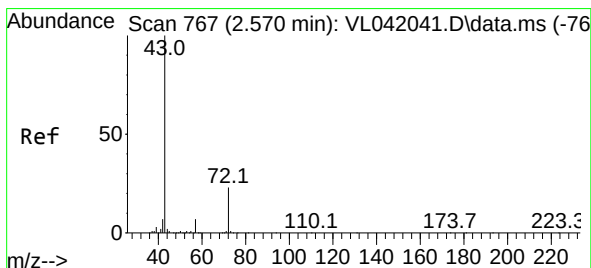
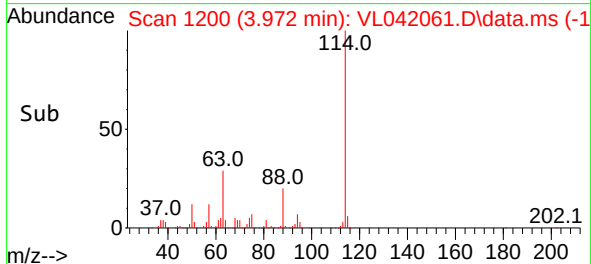
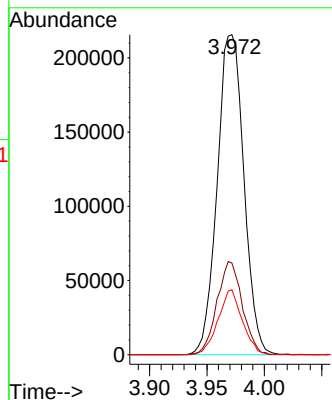
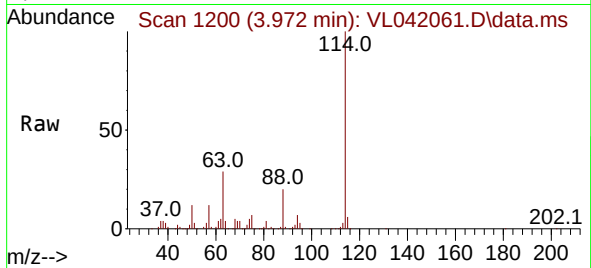
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 114
Delta R.T. -0.006 min
Lab File: VL042061.D
Acq: 26 Feb 2025 14:55

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:114 Resp: 34915
Ion Ratio Lower Upper
114 100
63 27.6 20.1 30.1
88 18.4 14.3 21.5

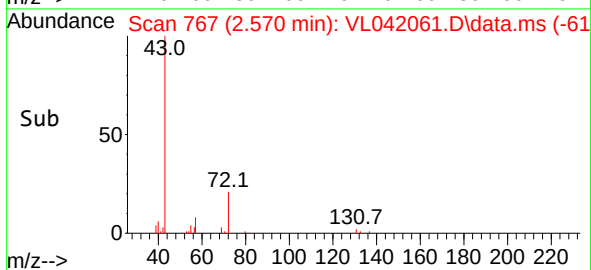
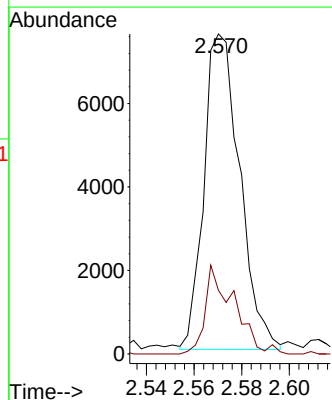
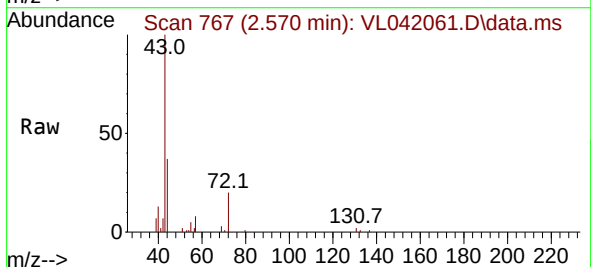
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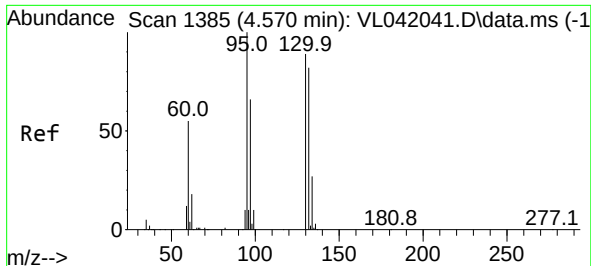
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#34
2-Butanone
Concen: 0.290 ppbv
RT: 2.570 min Scan# 767
Delta R.T. -0.000 min
Lab File: VL042061.D
Acq: 26 Feb 2025 14:55

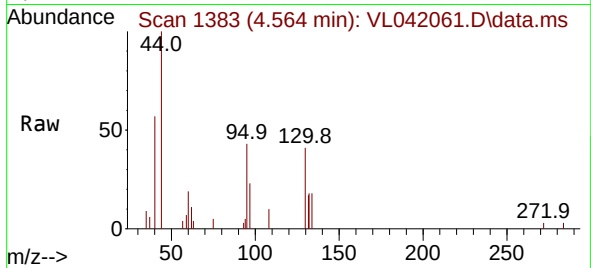
Tgt Ion: 43 Resp: 7901
Ion Ratio Lower Upper
43 100
72 22.9 18.5 27.7





#38
 Trichloroethene
 Concen: 0.058 ppbv m
 RT: 4.564 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VL042061.D
 Acq: 26 Feb 2025 14:55

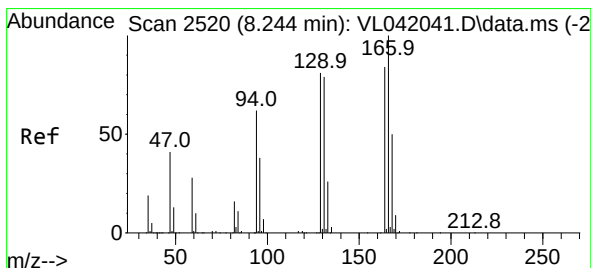
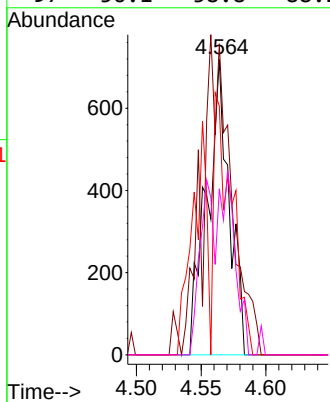
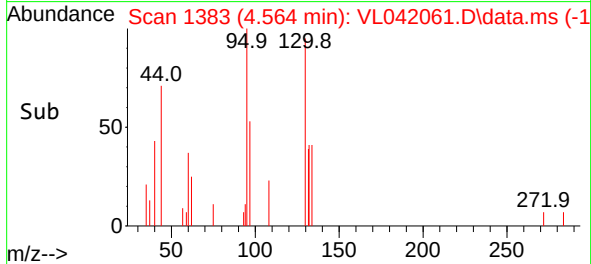
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Tgt Ion:130 Resp: 86
 Ion Ratio Lower Upper
 130 100
 95 105.1 89.5 134.3
 132 43.1 73.8 110.6
 97 56.1 58.8 88.2#

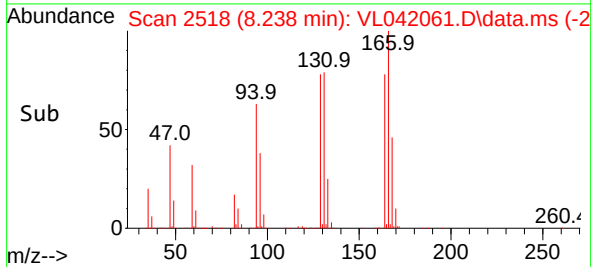
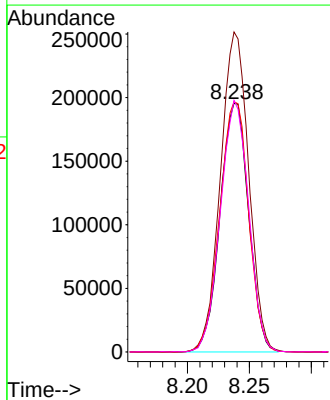
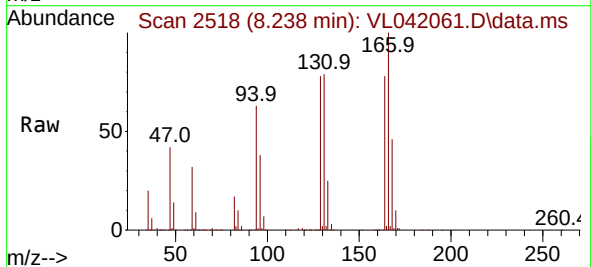
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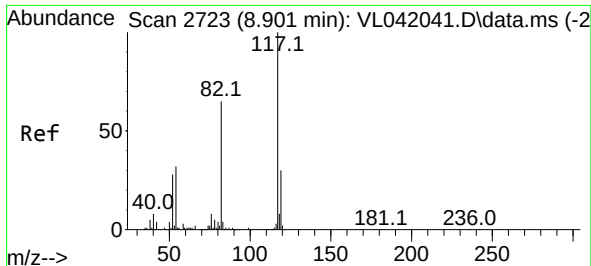
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#52
 Tetrachloroethene
 Concen: 25.070 ppbv
 RT: 8.238 min Scan# 2518
 Delta R.T. -0.006 min
 Lab File: VL042061.D
 Acq: 26 Feb 2025 14:55

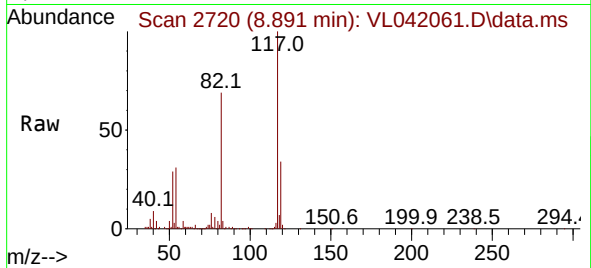
Tgt Ion:164 Resp: 313696
 Ion Ratio Lower Upper
 164 100
 166 128.7 95.7 143.5
 129 100.7 77.1 115.7
 131 101.1 76.0 114.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL042061.D
Acq: 26 Feb 2025 14:55

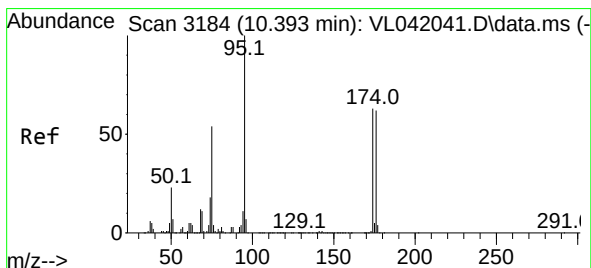
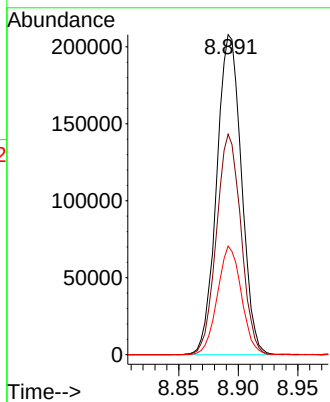
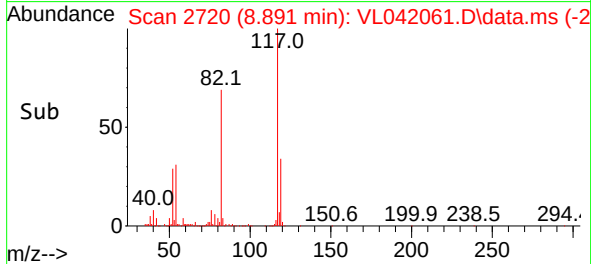
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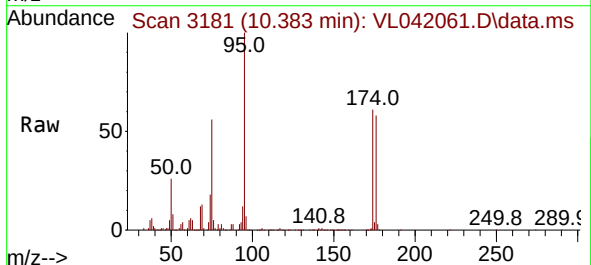
Tgt Ion: 117 Resp: 30019
Ion Ratio Lower Upper
117 100
82 68.2 55.0 82.6
119 32.8 25.9 38.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.139 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. -0.010 min
Lab File: VL042061.D
Acq: 26 Feb 2025 14:55



Tgt Ion: 95 Resp: 234153
Ion Ratio Lower Upper
95 100
174 62.4 51.8 77.6
175 4.3 3.9 5.9

