

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042517.D
 Acq On : 07 May 2025 14:29
 Operator : SY/MD
 Sample : MDL3 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

Quant Time: May 08 01:36:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	71256	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	181390	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	165012	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	140644	9.193	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.900%
Target Compounds						
					Qvalue	
32) 1,1,1-Trichloroethane	3.373	97	764m	0.041	ppbv	
35) Carbon Tetrachloride	3.768	117	645m	0.039	ppbv	
38) Trichloroethene	4.561	130	314m	0.048	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.975	83	733m	0.046	ppbv	

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

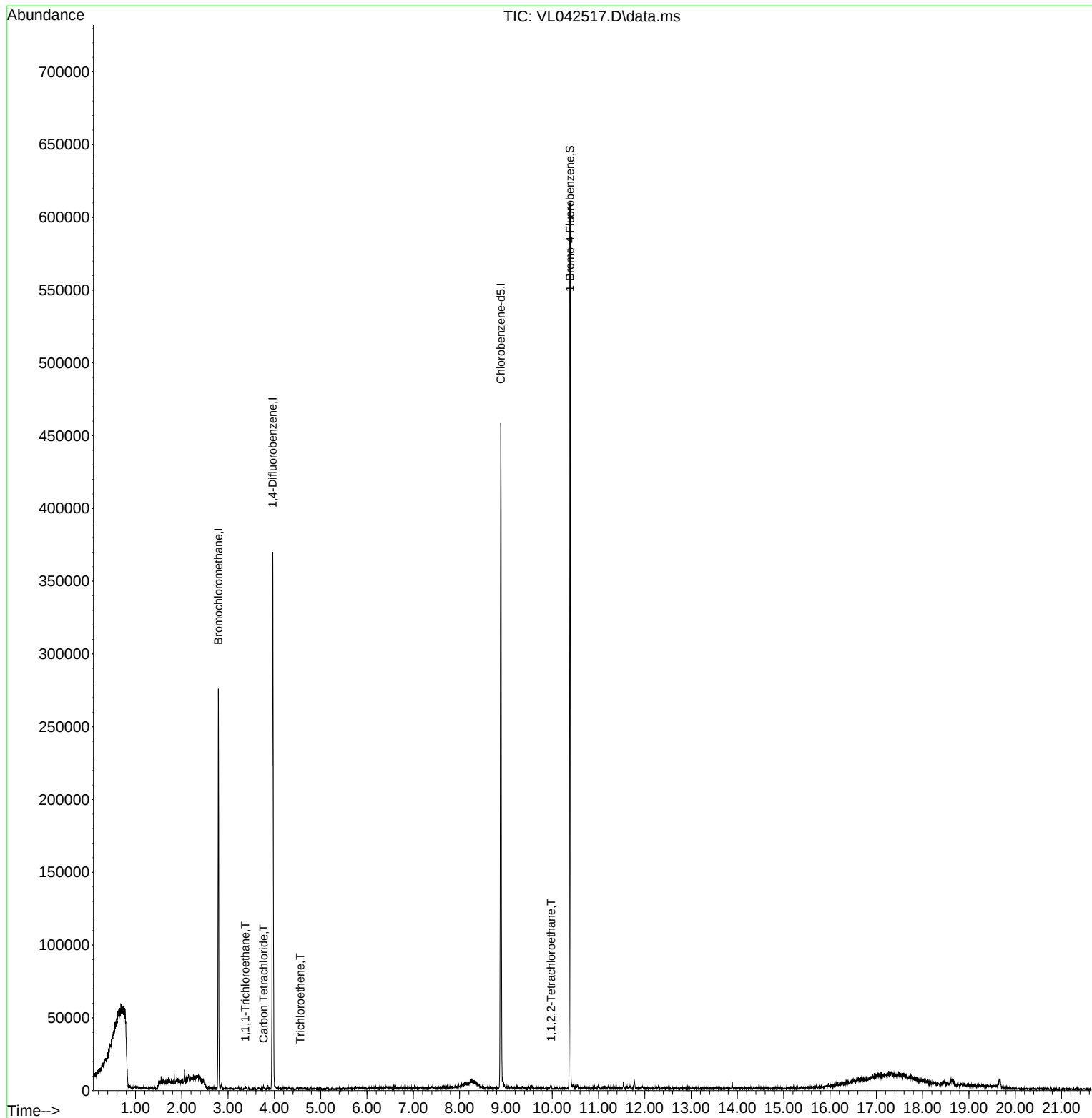
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
Data File : VL042517.D
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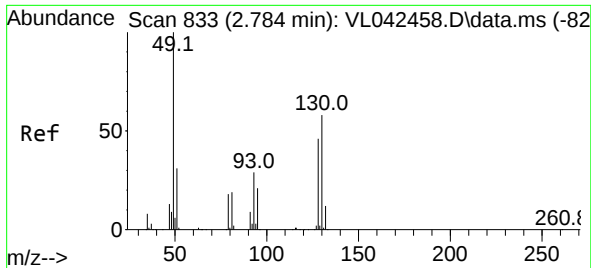
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

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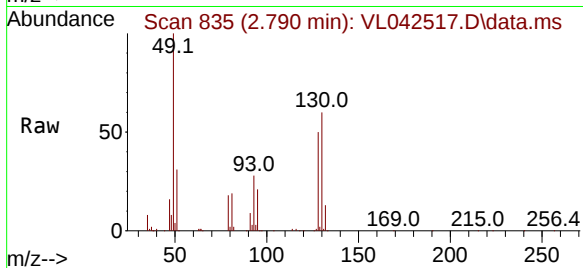
Quant Time: May 08 01:36:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri May 02 03:16:31 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

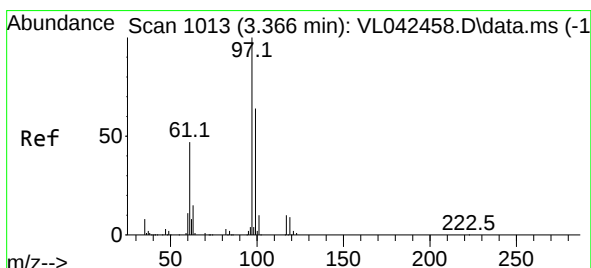
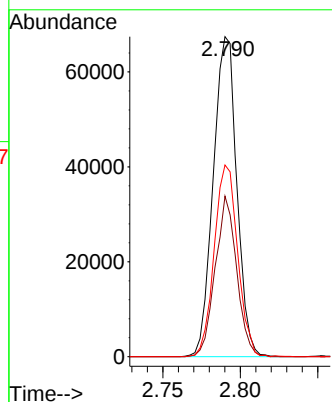
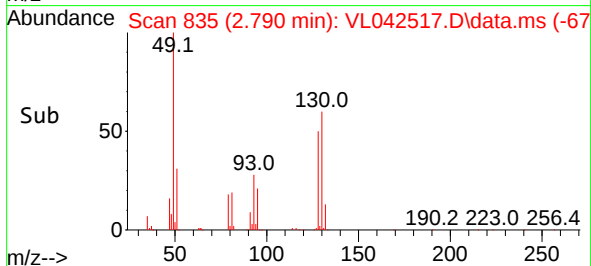
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03



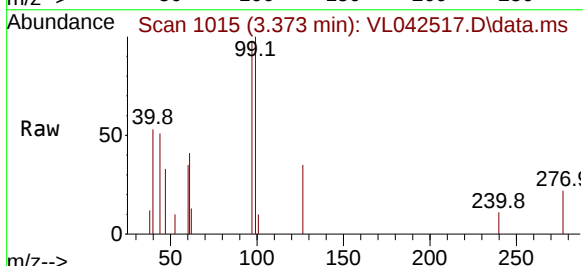
Tgt Ion: 49 Resp: 71250
Ion Ratio Lower Upper
49 100
128 45.6 23.3 69.9
130 59.6 29.5 88.6

Manual Integrations
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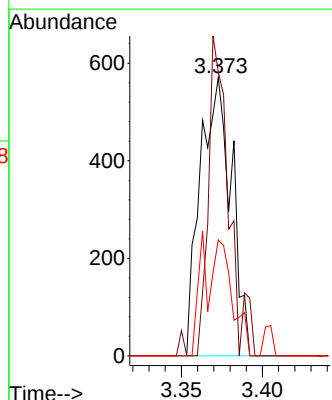
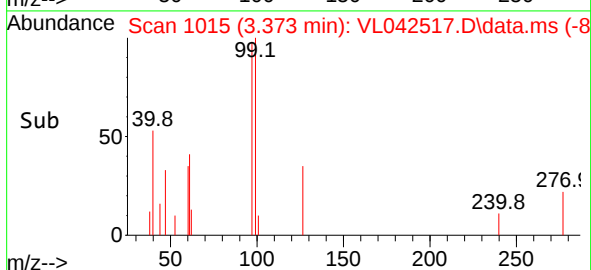
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Supervised By :Mahesh Dadoda 05/09/2025

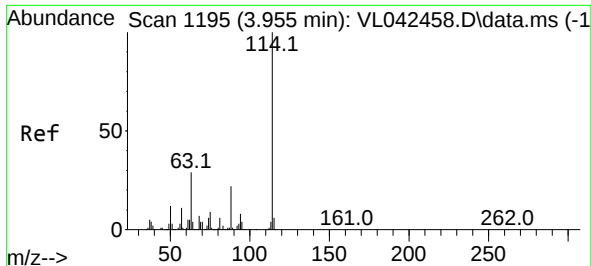


#32
1,1,1-Trichloroethane
Concen: 0.041 ppbv m
RT: 3.373 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29



Tgt Ion: 97 Resp: 764
Ion Ratio Lower Upper
97 100
99 76.6 50.7 76.1#
61 0.0 40.9 61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.010 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

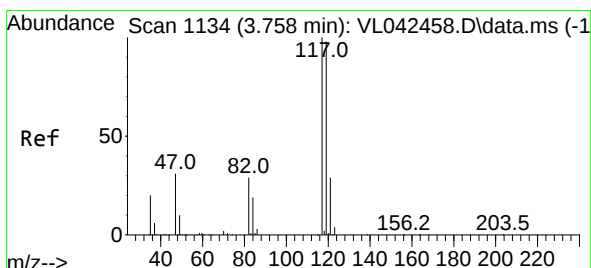
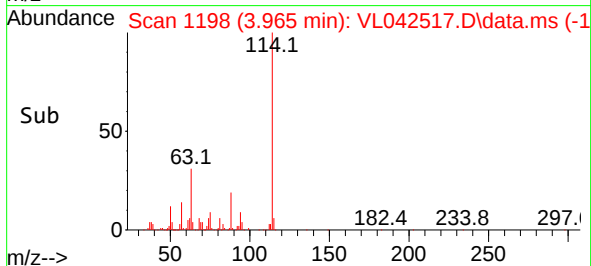
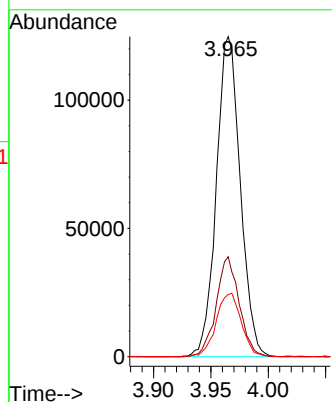
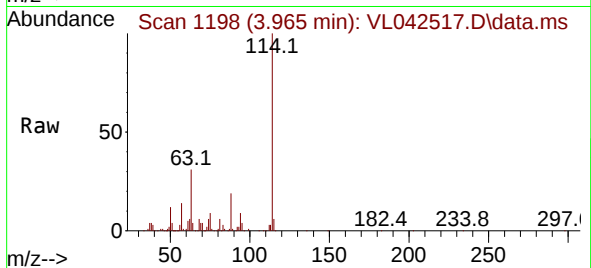
MDL3 0.03

Tgt Ion:114	Resp:	181390
Ion Ratio	Lower	Upper
114	100	
63	30.2	23.1 34.7
88	20.8	16.1 24.1

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#35

Carbon Tetrachloride

Concen: 0.039 ppbv m

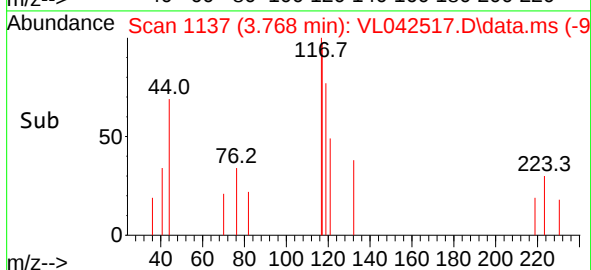
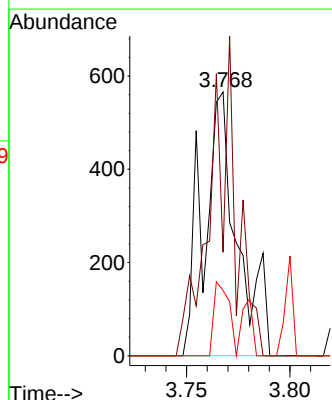
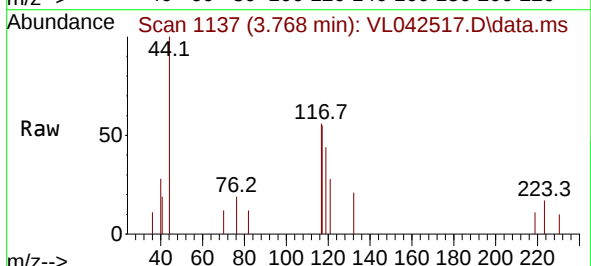
RT: 3.768 min Scan# 1137

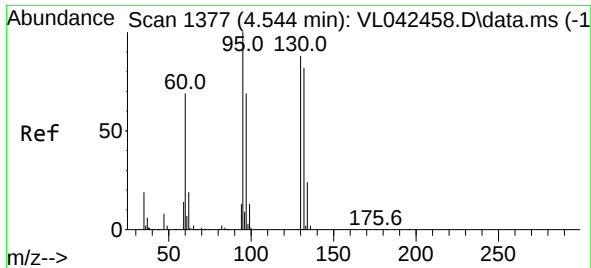
Delta R.T. 0.010 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

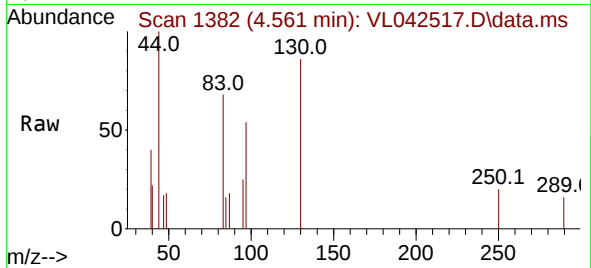
Tgt Ion:117	Resp:	645
Ion Ratio	Lower	Upper
117	100	
119	77.4	78.1 117.1#
121	48.8	23.0 34.6#





#38
 Trichloroethene
 Concen: 0.048 ppbv m
 RT: 4.561 min Scan# 11
 Delta R.T. 0.016 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

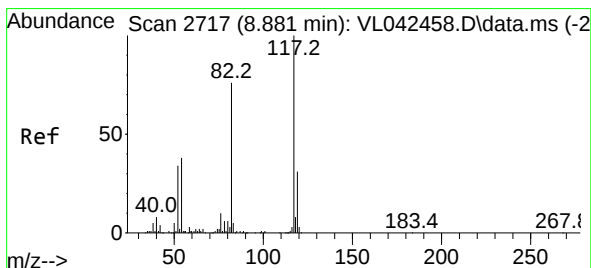
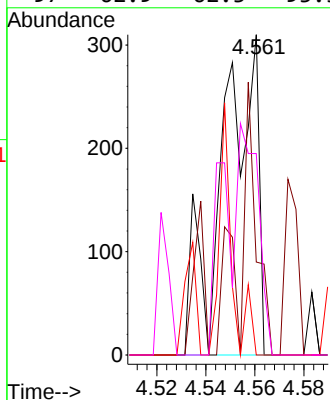
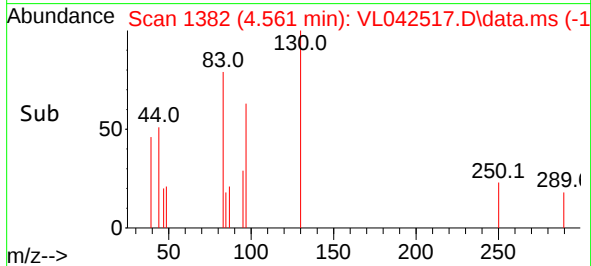
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03



Tgt Ion:130 Resp: 314
 Ion Ratio Lower Upper
 130 100
 95 29.0 91.0 136.4
 132 0.0 74.2 111.4
 97 62.9 62.3 93.5

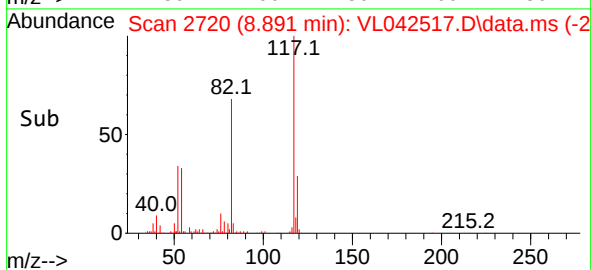
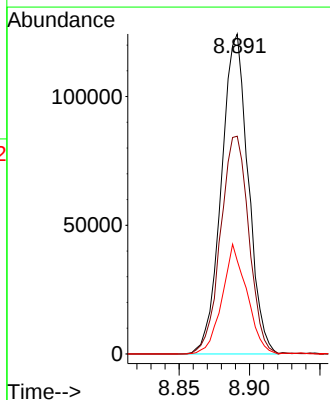
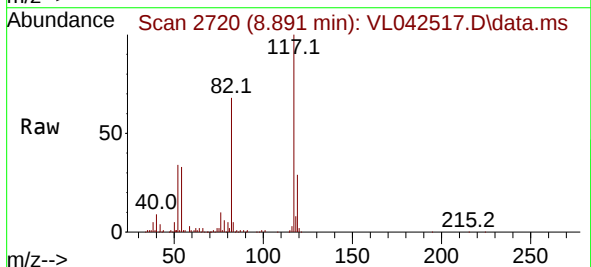
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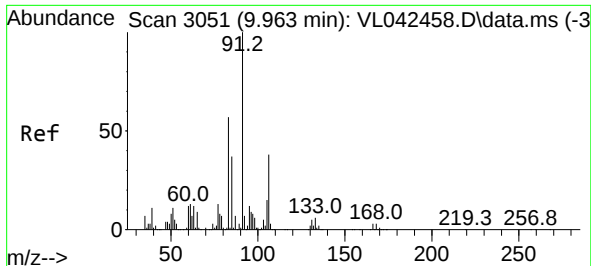
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.891 min Scan# 2720
 Delta R.T. 0.010 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

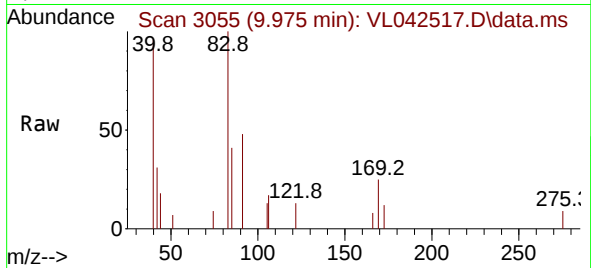
Tgt Ion:117 Resp: 165012
 Ion Ratio Lower Upper
 117 100
 82 71.8 63.5 95.3
 119 31.9 25.8 38.8





#63
1,1,2,2-Tetrachloroethane
Concen: 0.046 ppbv m
RT: 9.975 min Scan# 3051
Delta R.T. 0.013 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

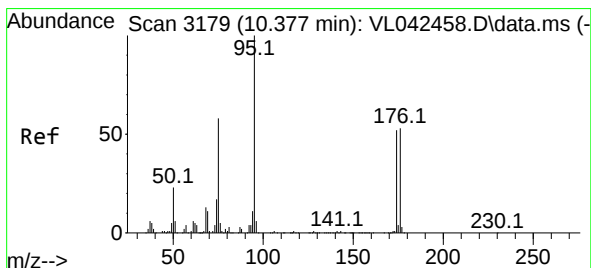
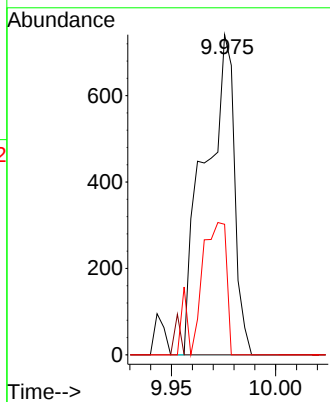
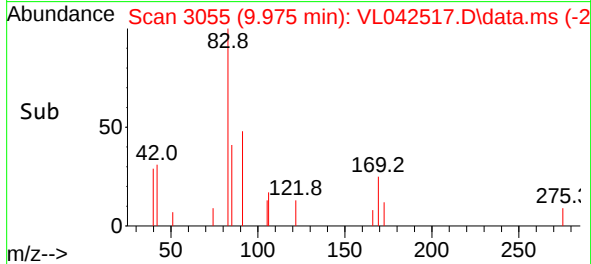
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03



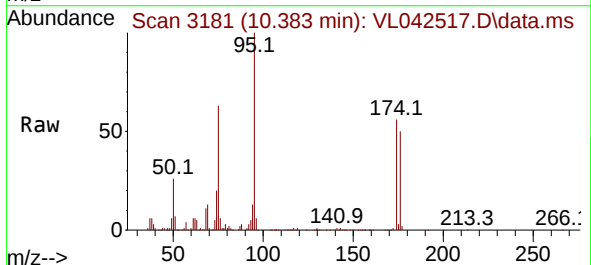
Tgt Ion: 83 Resp: 73
Ion Ratio Lower Upper
83 100
131 0.0 4.7 14.1
85 36.6 32.5 97.4

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.193 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.006 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29



Tgt Ion: 95 Resp: 140644
Ion Ratio Lower Upper
95 100
174 55.4 42.7 64.1
175 3.9 3.6 5.4

