

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042515.D
 Acq On : 07 May 2025 13:17
 Operator : SY/MD
 Sample : MDL1 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.03

Manual Integrations
 APPROVED

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

Quant Time: May 08 01:34:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025
 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	2.793	49	73482	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	188073	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.888	117	159179	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	141887	9.614	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.100%
Target Compounds						
						Qvalue
32) 1,1,1-Trichloroethane	3.373	97	659m	0.035	ppbv	
52) Tetrachloroethene	8.237	164	247m	0.037	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.976	83	668m	0.043	ppbv	

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

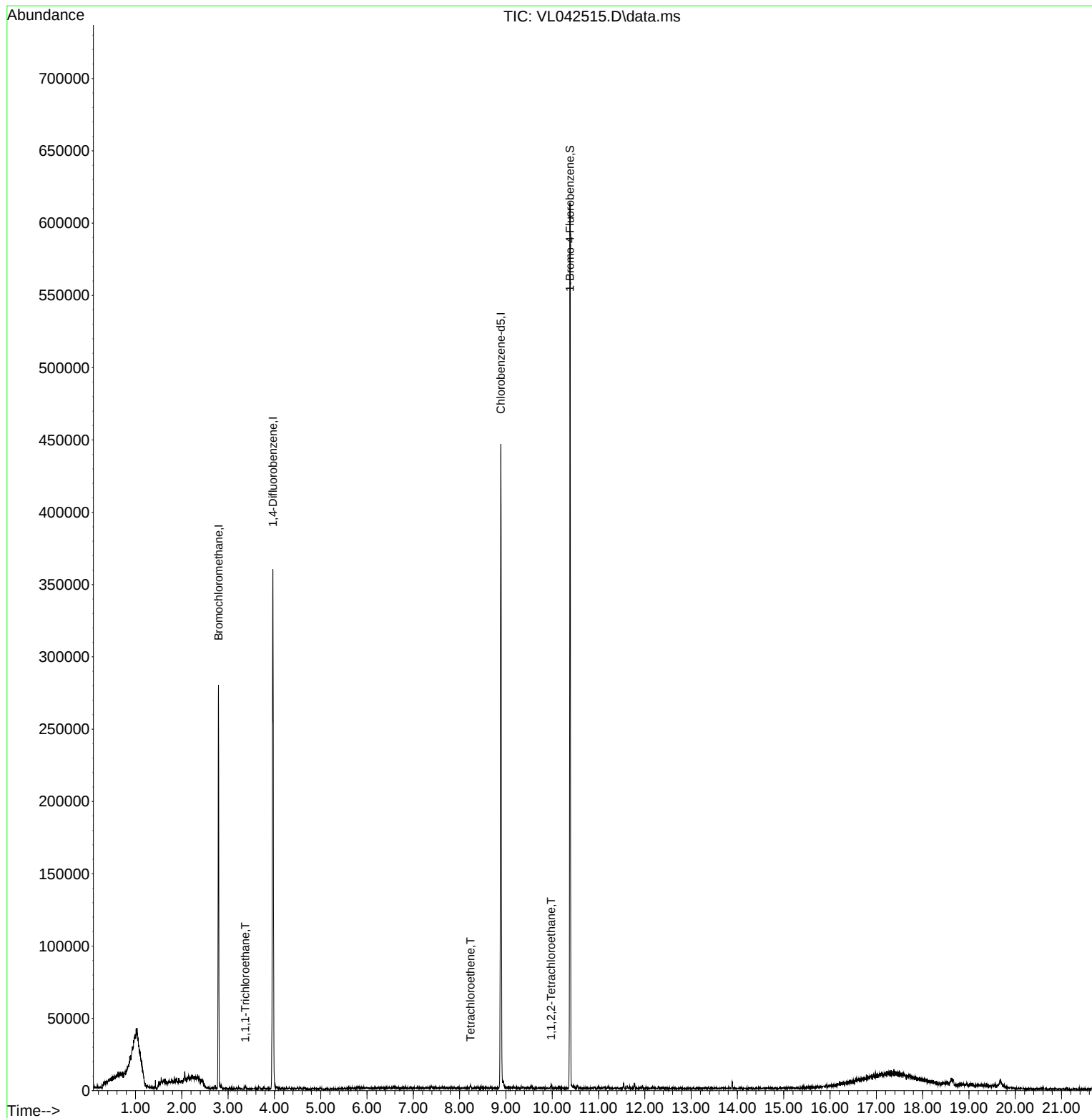
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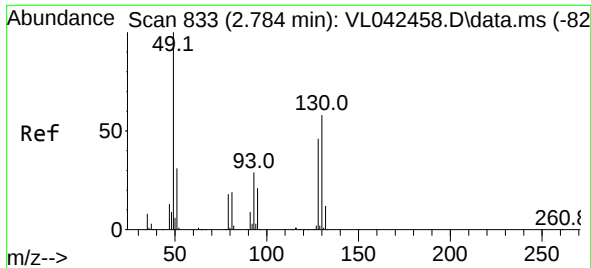
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

Quant Time: May 08 01:34:32 2025
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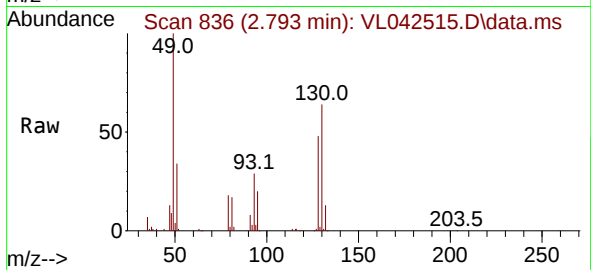
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Supervised By : Mahesh Dadoda 05/09/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

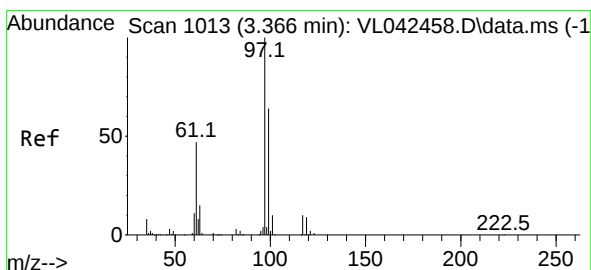
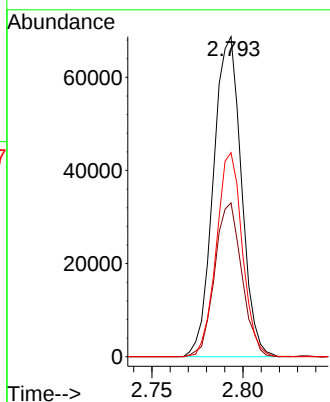
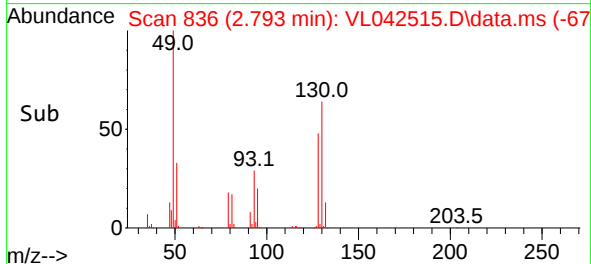
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03



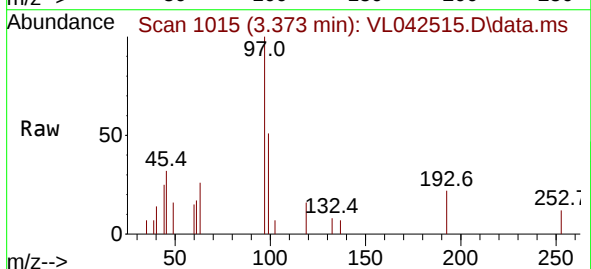
Tgt Ion: 49 Resp: 7348
Ion Ratio Lower Upper
49 100
128 46.5 23.3 69.9
130 59.1 29.5 88.6

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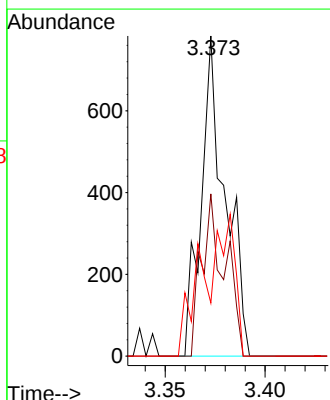
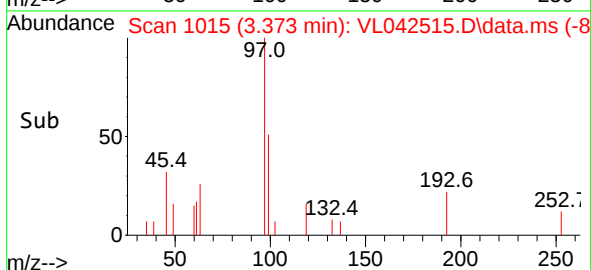
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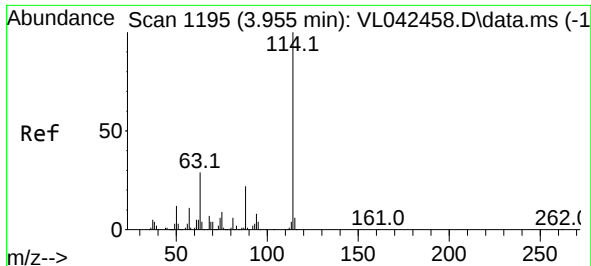


#32
1,1,1-Trichloroethane
Concen: 0.035 ppbv m
RT: 3.373 min Scan# 1015
Delta R.T. 0.007 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17



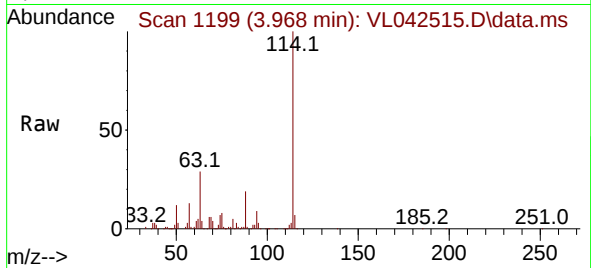
Tgt Ion: 97 Resp: 659
Ion Ratio Lower Upper
97 100
99 48.9 50.7 76.1#
61 0.0 40.9 61.3#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. 0.013 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

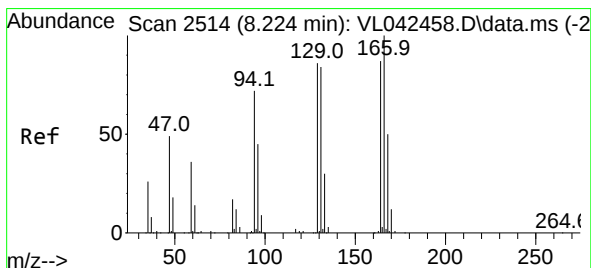
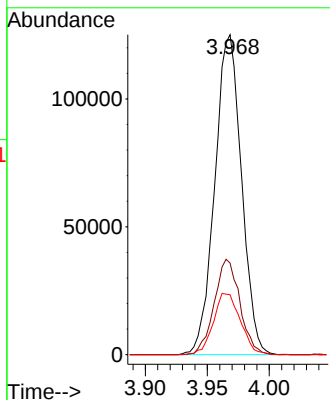
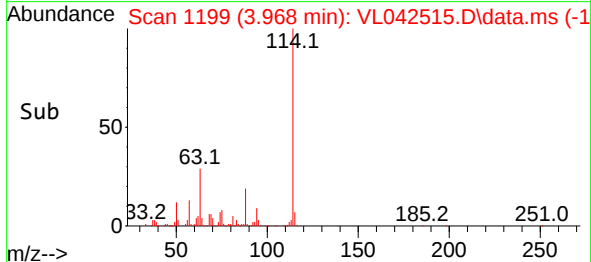
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03



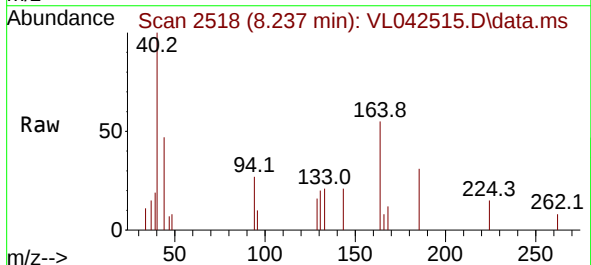
Tgt Ion:114 Resp: 18807
Ion Ratio Lower Upper
114 100
63 28.7 23.1 34.7
88 19.4 16.1 24.1

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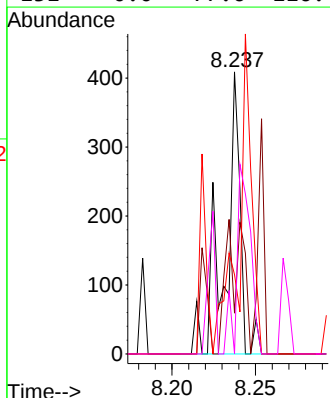
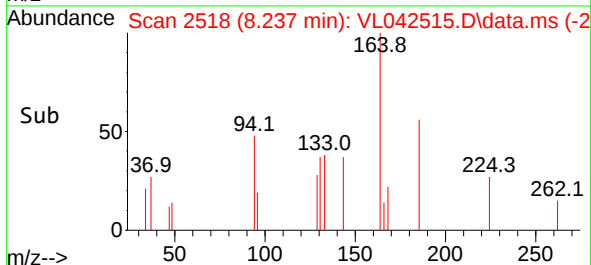
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

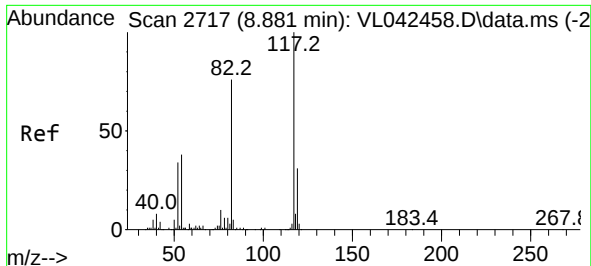


#52
Tetrachloroethene
Concen: 0.037 ppbv m
RT: 8.237 min Scan# 2518
Delta R.T. 0.013 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17



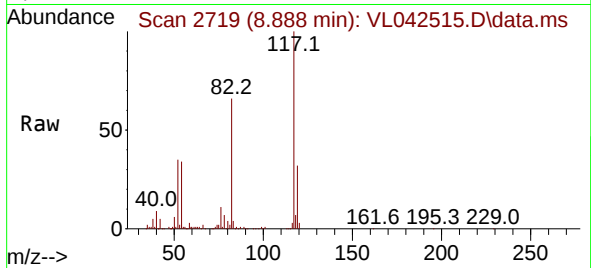
Tgt Ion:164 Resp: 247
Ion Ratio Lower Upper
164 100
166 14.4 91.6 137.4#
129 28.1 79.0 118.4#
131 0.0 77.6 116.4#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

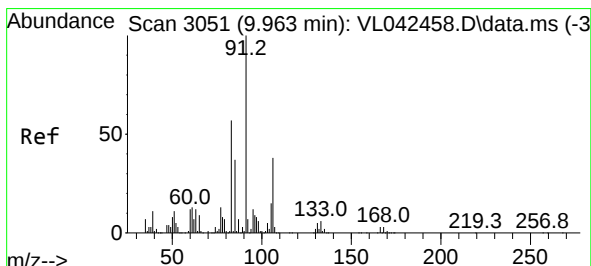
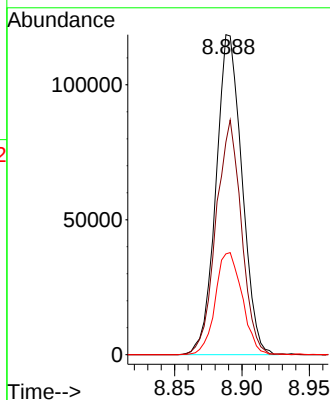
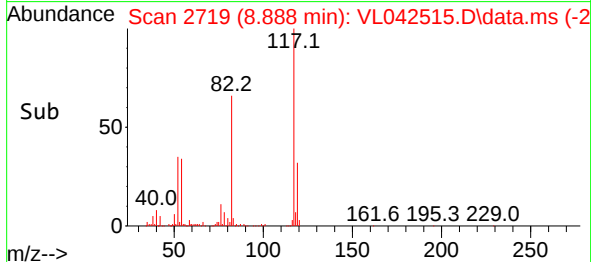
Instrument :
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ClientSampleId :
MDL1 0.03



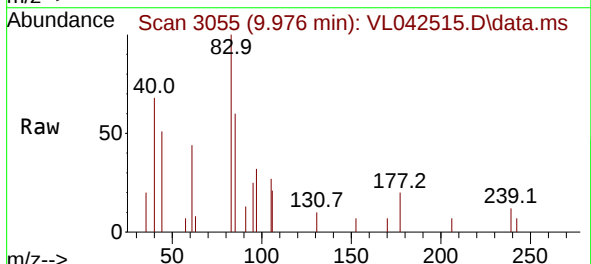
Tgt Ion: 117 Resp: 159179
Ion Ratio Lower Upper
117 100
82 71.7 63.5 95.3
119 33.1 25.8 38.8

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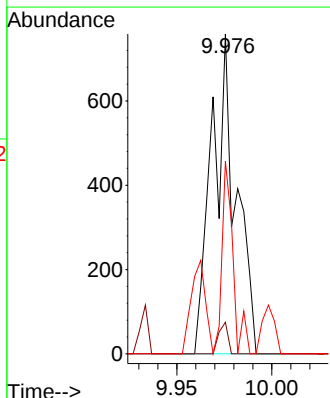
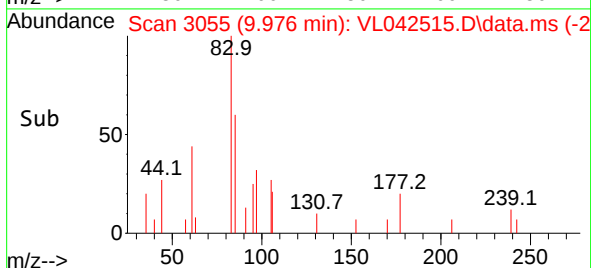
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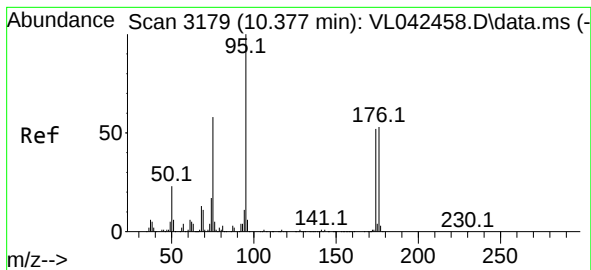


#63
1,1,2,2-Tetrachloroethane
Concen: 0.043 ppbv m
RT: 9.976 min Scan# 3055
Delta R.T. 0.013 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17



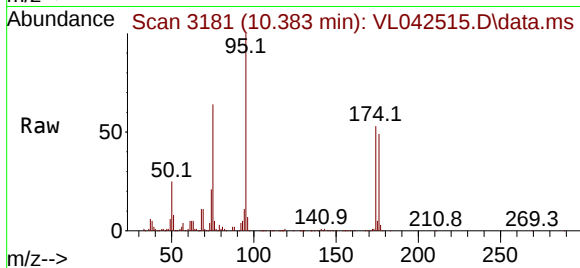
Tgt Ion: 83 Resp: 668
Ion Ratio Lower Upper
83 100
131 0.0 4.7 14.1#
85 0.0 32.5 97.4#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.614 ppbv
 RT: 10.383 min Scan# 3179
 Delta R.T. 0.007 min
 Lab File: VL042515.D
 Acq: 07 May 2025 13:17

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.03



Tgt Ion: 95 Resp: 14188
 Ion Ratio Lower Upper
 95 100
 174 54.6 42.7 64.1
 175 4.1 3.6 5.4

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