

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
 Data File : VL042728.D
 Acq On : 22 Jul 2025 11:46
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/23/2025
 Supervised By :Mahesh Dadoda 07/23/2025

Quant Time: Jul 23 01:48:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Jul 23 01:27:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	100236	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	304254	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.879	117	261203	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	210506	9.971	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.583	62	274	0.043	ppbv #	73
32) 1,1,1-Trichloroethane	3.376	97	850m	0.036	ppbv	
35) Carbon Tetrachloride	3.771	117	894m	0.036	ppbv	
38) Trichloroethene	4.545	130	419m	0.030	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.963	83	619m	0.031	ppbv	

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

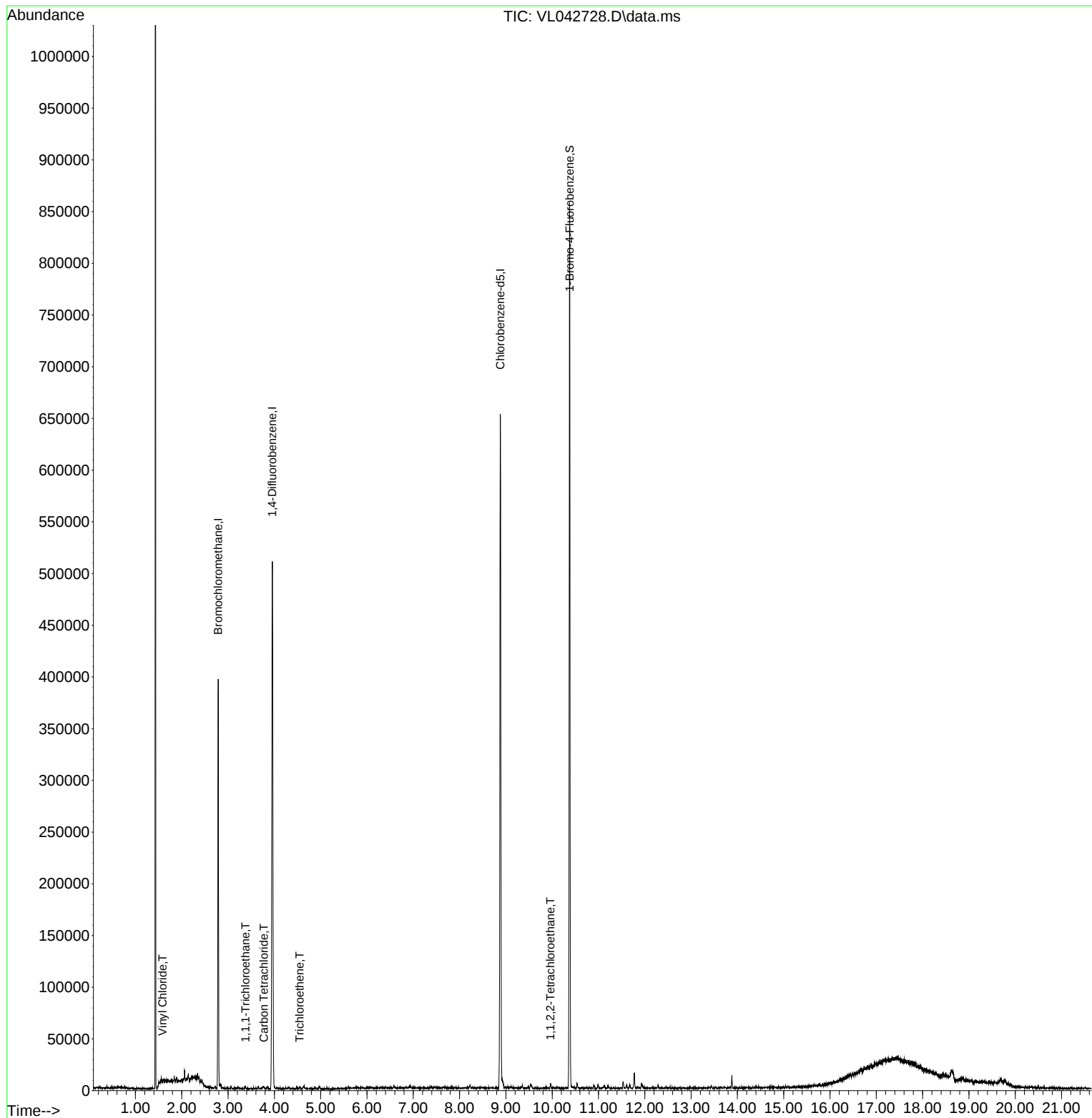
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
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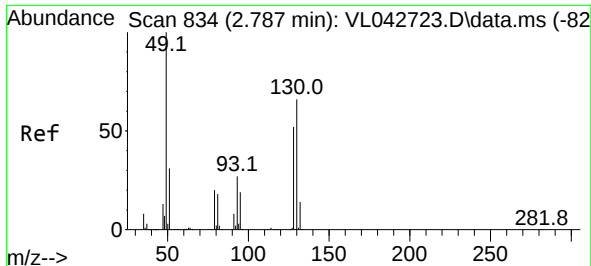
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Jul 23 01:48:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072225AIR.M
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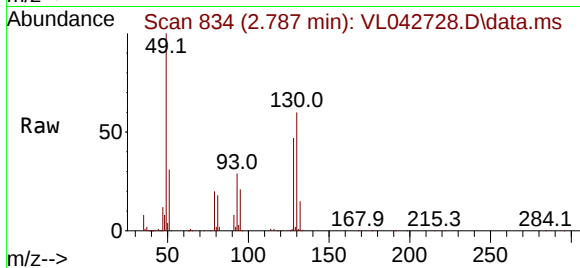
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042728.D
Acq: 22 Jul 2025 11:46

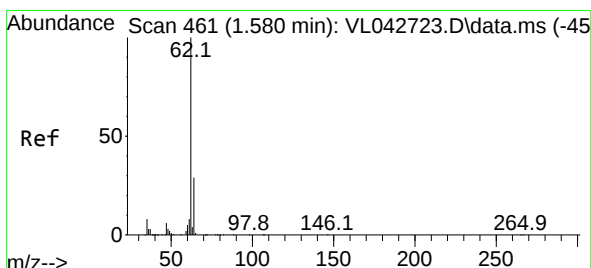
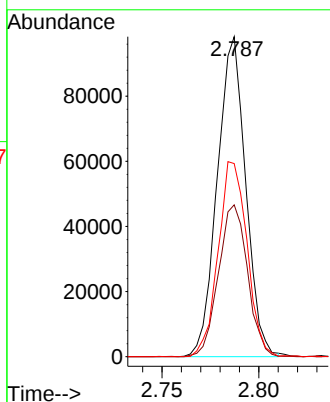
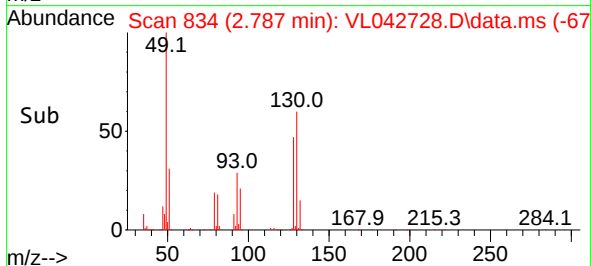
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 49 Resp: 100230
Ion Ratio Lower Upper
49 100
128 48.6 24.5 73.5
130 62.1 31.7 95.1

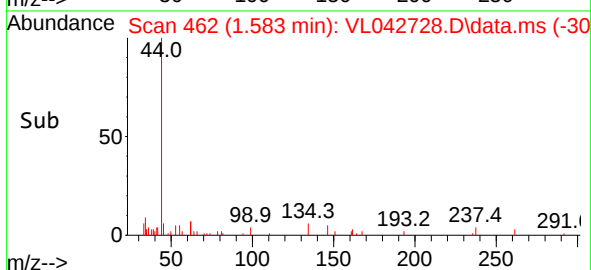
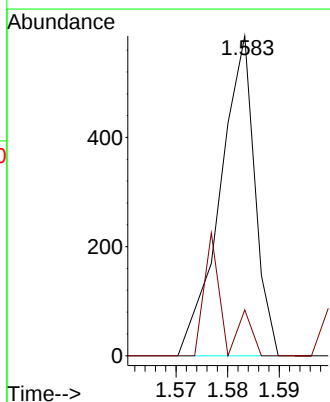
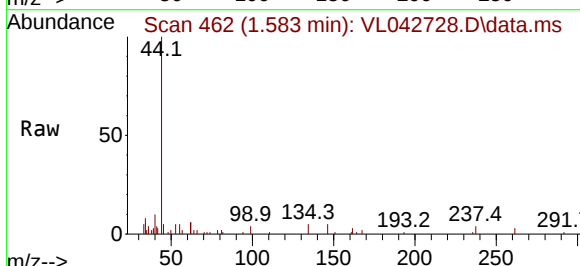
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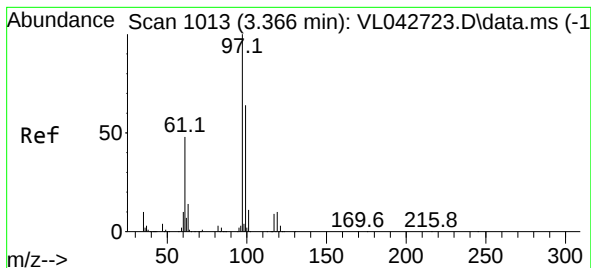
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Supervised By :Mahesh Dadoda 07/23/2025



#5
Vinyl Chloride
Concen: 0.043 ppbv
RT: 1.583 min Scan# 462
Delta R.T. 0.004 min
Lab File: VL042728.D
Acq: 22 Jul 2025 11:46

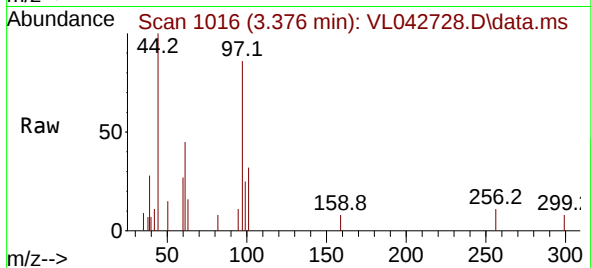
Tgt Ion: 62 Resp: 274
Ion Ratio Lower Upper
62 100
64 14.3 23.0 34.6#





#32
 1,1,1-Trichloroethane
 Concen: 0.036 ppbv m
 RT: 3.376 min Scan# 1013
 Delta R.T. 0.010 min
 Lab File: VL042728.D
 Acq: 22 Jul 2025 11:46

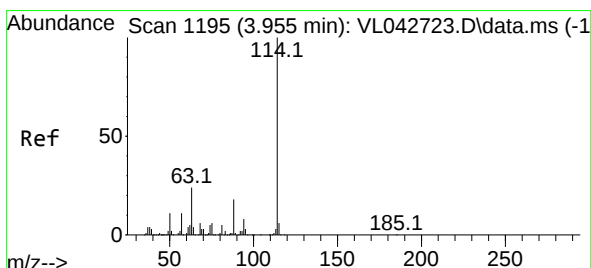
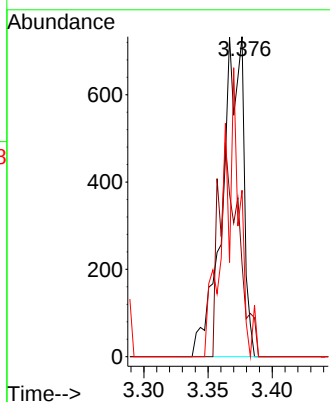
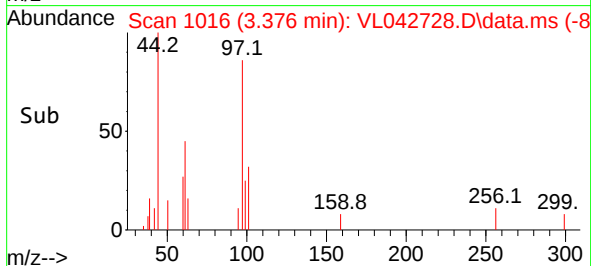
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03



Tgt Ion: 97 Resp: 850
 Ion Ratio Lower Upper
 97 100
 99 61.8 51.4 77.0
 61 69.1 39.6 59.4

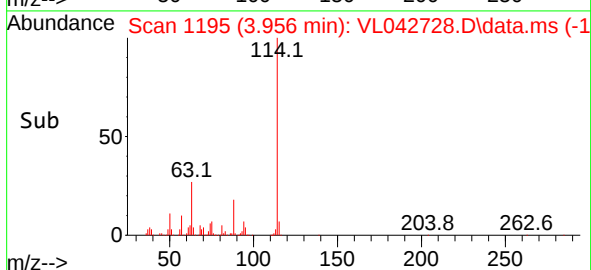
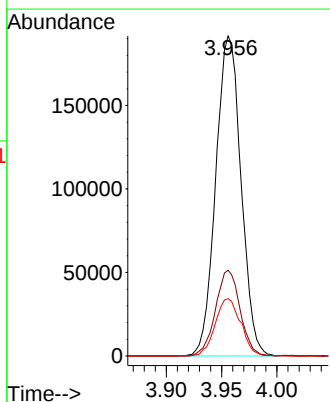
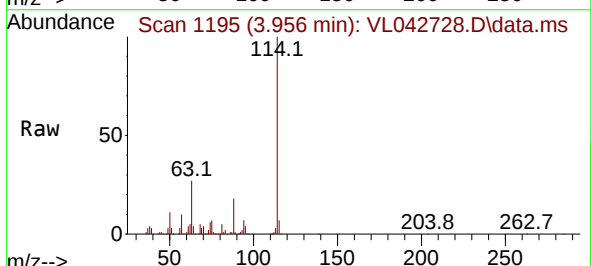
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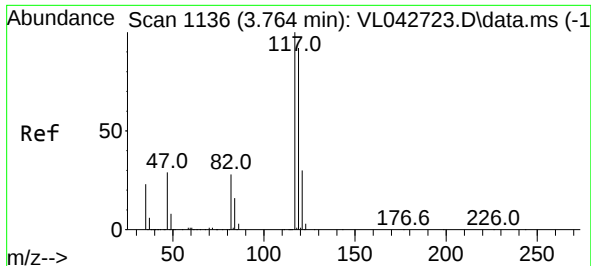
Reviewed By :Semsettin Yesilyurt 07/23/2025
 Supervised By :Mahesh Dadoda 07/23/2025



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.956 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: VL042728.D
 Acq: 22 Jul 2025 11:46

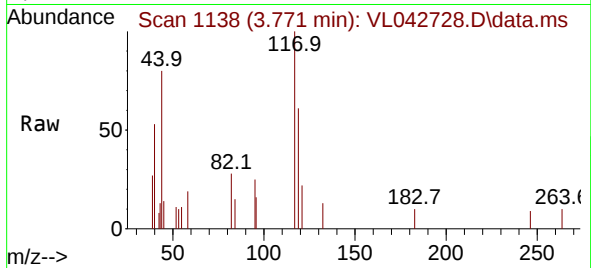
Tgt Ion:114 Resp: 304254
 Ion Ratio Lower Upper
 114 100
 63 26.1 20.4 30.6
 88 18.1 14.5 21.7





#35
Carbon Tetrachloride
Concen: 0.036 ppbv m
RT: 3.771 min Scan# 1136
Delta R.T. 0.007 min
Lab File: VL042728.D
Acq: 22 Jul 2025 11:46

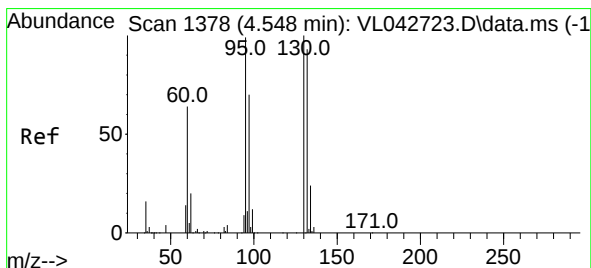
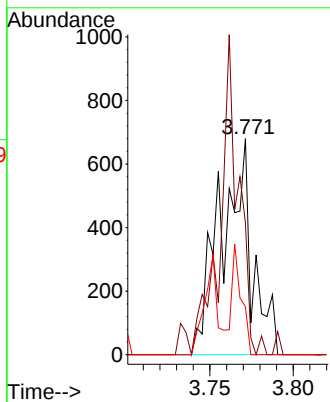
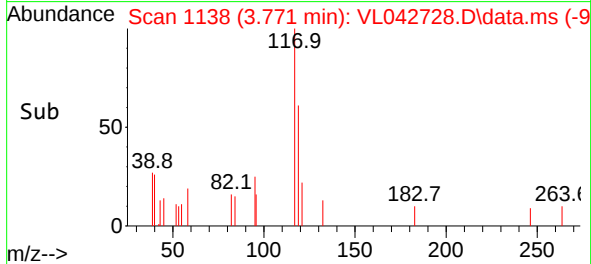
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:117 Resp: 894
Ion Ratio Lower Upper
117 100
119 61.2 73.7 110.5#
121 22.2 23.8 35.8#

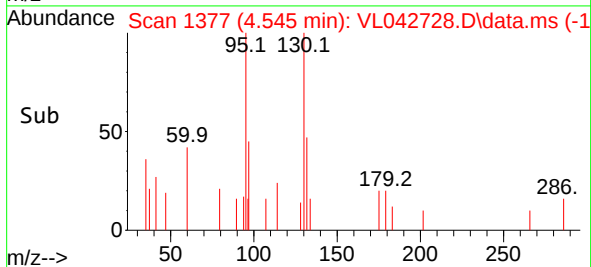
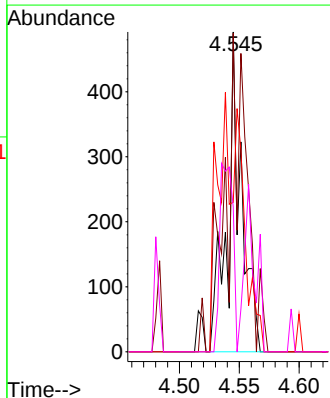
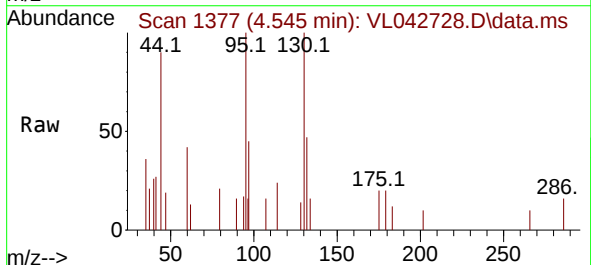
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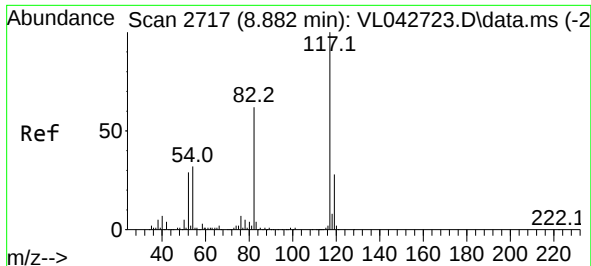
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Supervised By :Mahesh Dadoda 07/23/2025



#38
Trichloroethene
Concen: 0.030 ppbv m
RT: 4.545 min Scan# 1377
Delta R.T. -0.003 min
Lab File: VL042728.D
Acq: 22 Jul 2025 11:46

Tgt Ion:130 Resp: 419
Ion Ratio Lower Upper
130 100
95 99.6 79.2 118.8
132 46.7 74.1 111.1#
97 45.3 55.8 83.6#





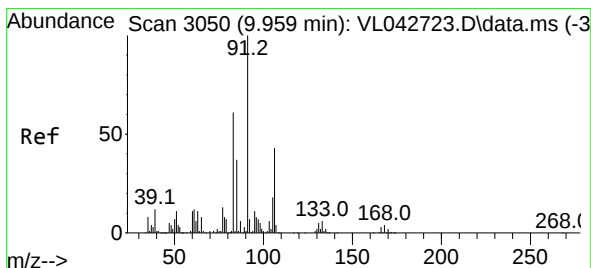
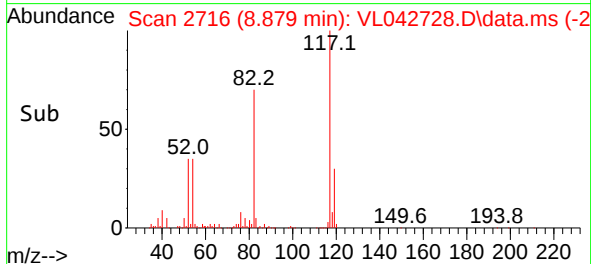
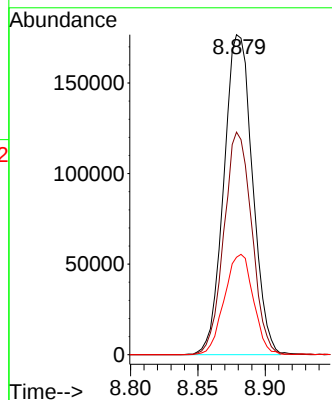
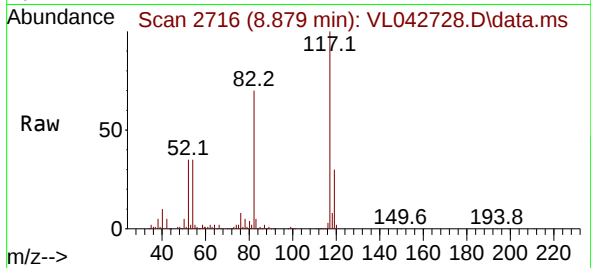
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.879 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VL042728.D
Acq: 22 Jul 2025 11:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Tgt Ion: 117 Resp: 26120
Ion Ratio Lower Upper
117 100
82 67.8 54.6 81.8
119 32.0 25.3 37.9

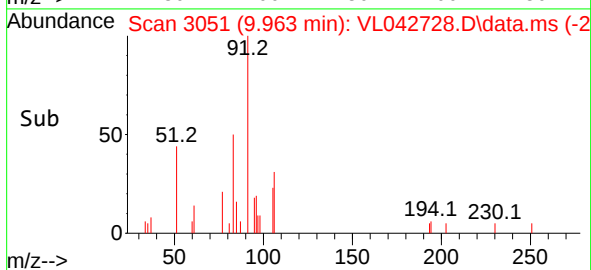
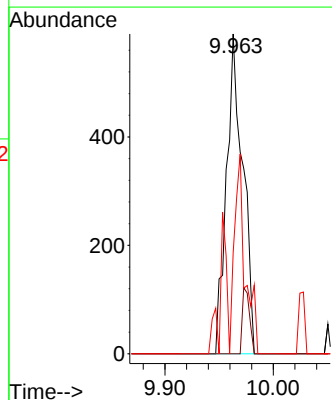
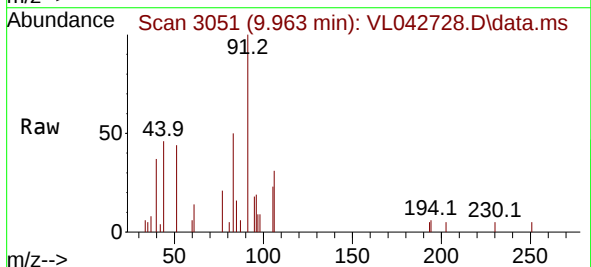
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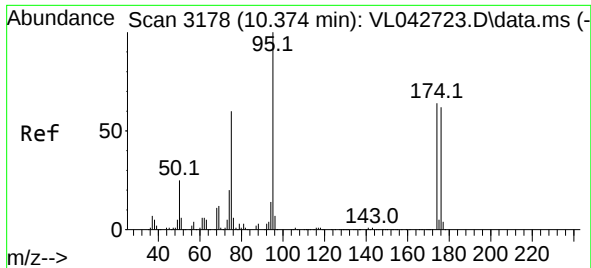
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#63
1,1,2,2-Tetrachloroethane
Concen: 0.031 ppbv m
RT: 9.963 min Scan# 3051
Delta R.T. 0.004 min
Lab File: VL042728.D
Acq: 22 Jul 2025 11:46

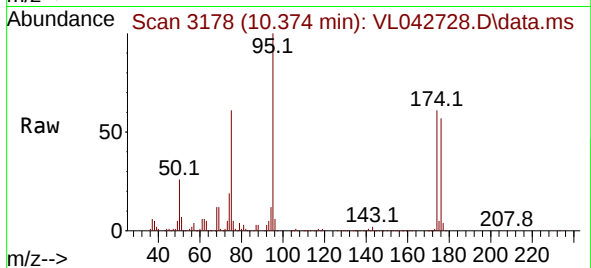
Tgt Ion: 83 Resp: 619
Ion Ratio Lower Upper
83 100
131 8.9 5.2 15.6
85 54.8 32.1 96.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.971 ppbv
 RT: 10.374 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VL042728.D
 Acq: 22 Jul 2025 11:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03



Tgt Ion: 95 Resp: 210500
 Ion Ratio Lower Upper
 95 100
 174 63.5 51.4 77.2
 175 5.0 4.2 6.4

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