

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070225\
 Data File : VL042694.D
 Acq On : 02 Jul 2025 11:06
 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 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 01:29:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Jul 03 01:24:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	116450	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	283981	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	249164	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	183435	9.571	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.700%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.583	62	199	0.041	ppbv #	70
32) 1,1,1-Trichloroethane	3.382	97	819m	0.039	ppbv	
35) Carbon Tetrachloride	3.777	117	683m	0.035	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.972	83	706m	0.031	ppbv	

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

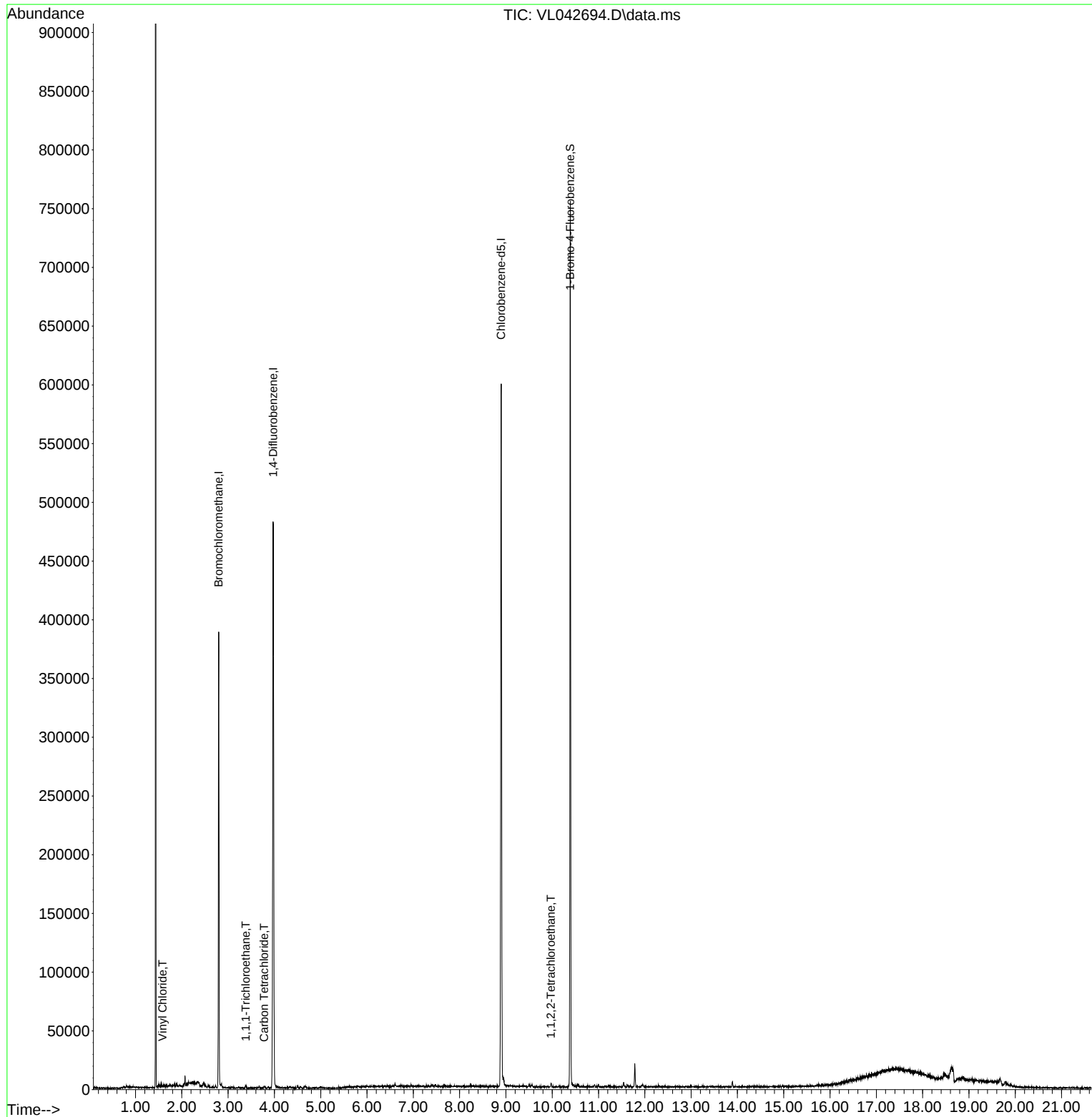
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070225\
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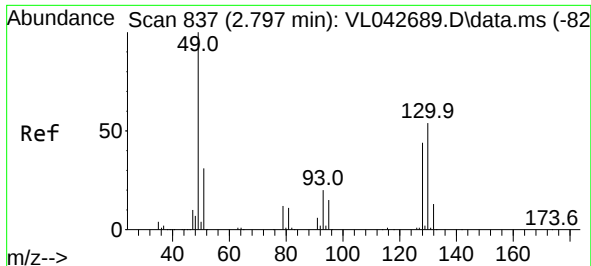
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Jul 03 01:29:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
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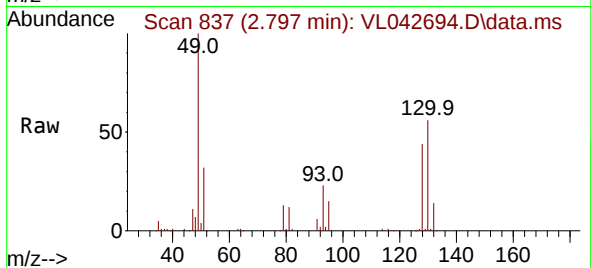
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042694.D
Acq: 02 Jul 2025 11:06

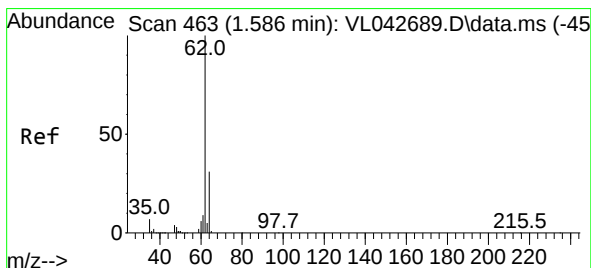
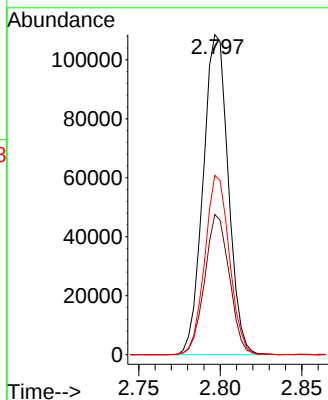
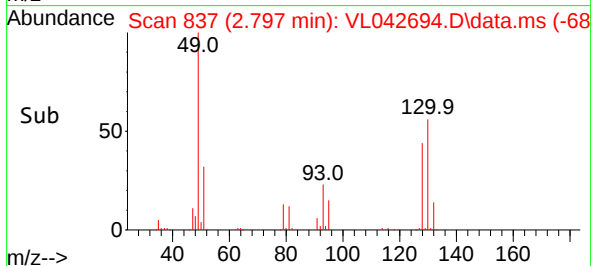
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 49 Resp: 116450
Ion Ratio Lower Upper
49 100
128 43.0 21.4 64.2
130 54.9 28.0 84.0

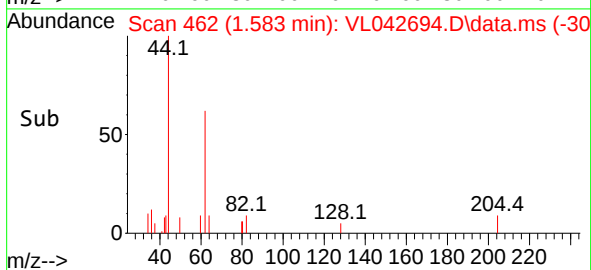
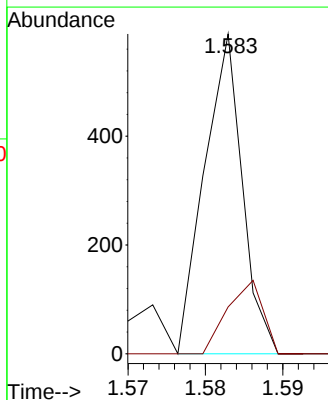
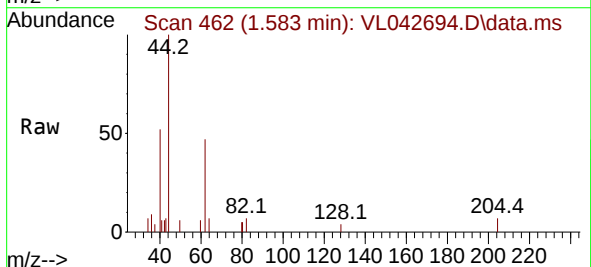
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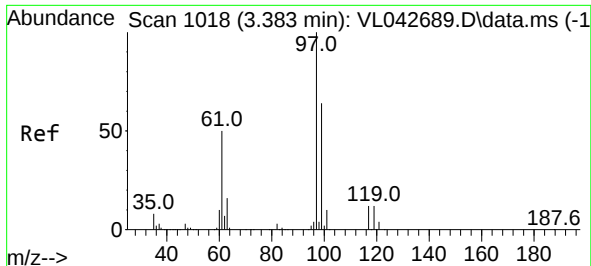
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#5
Vinyl Chloride
Concen: 0.041 ppbv
RT: 1.583 min Scan# 462
Delta R.T. -0.003 min
Lab File: VL042694.D
Acq: 02 Jul 2025 11:06

Tgt Ion: 62 Resp: 199
Ion Ratio Lower Upper
62 100
64 14.6 25.1 37.7#





#32

1,1,1-Trichloroethane

Concen: 0.039 ppbv m

RT: 3.382 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VL042694.D

Acq: 02 Jul 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

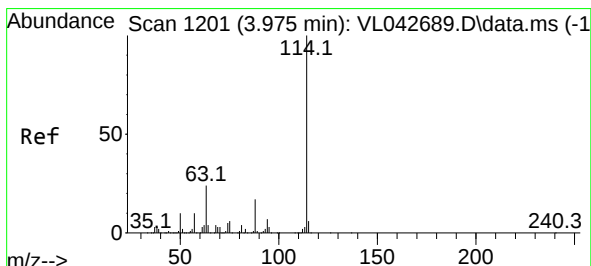
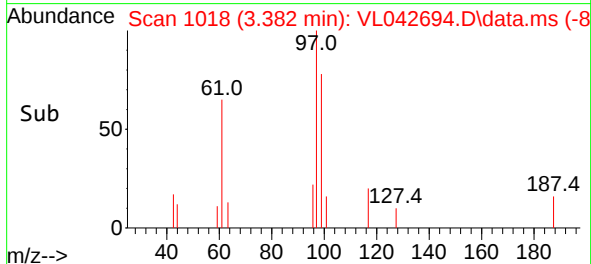
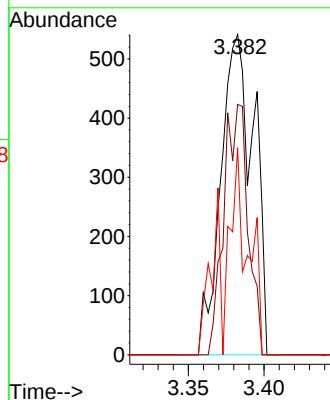
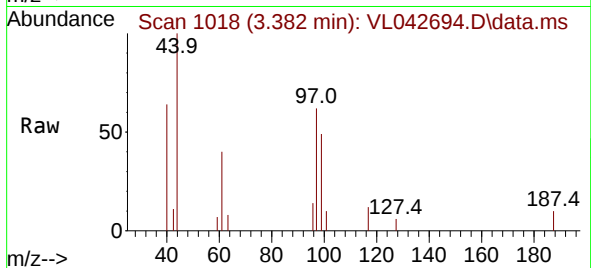
Tgt Ion: 97	Resp: 819
Ion Ratio	Lower Upper
97 100	
99 57.8	51.4 77.0
61 49.9	41.1 61.7

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

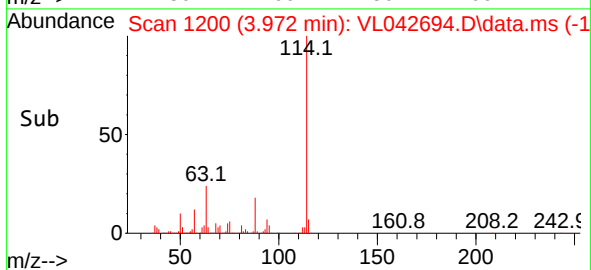
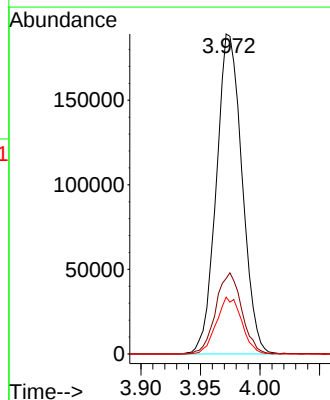
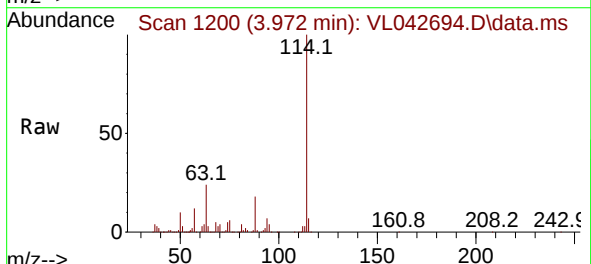
RT: 3.972 min Scan# 1200

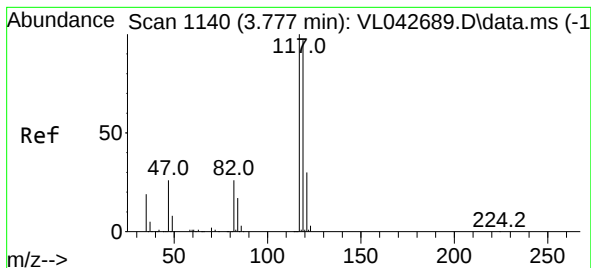
Delta R.T. -0.003 min

Lab File: VL042694.D

Acq: 02 Jul 2025 11:06

Tgt Ion:114	Resp: 283981
Ion Ratio	Lower Upper
114 100	
63 25.7	20.4 30.6
88 17.5	14.2 21.2





#35

Carbon Tetrachloride

Concen: 0.035 ppbv m

RT: 3.777 min Scan# 1140

Delta R.T. -0.000 min

Lab File: VL042694.D

Acq: 02 Jul 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

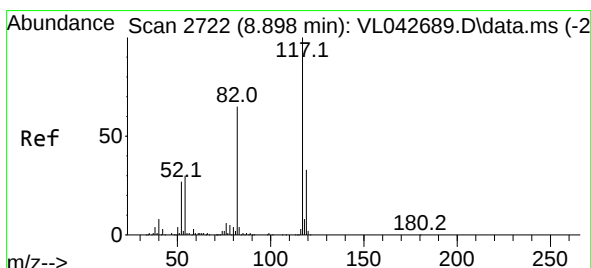
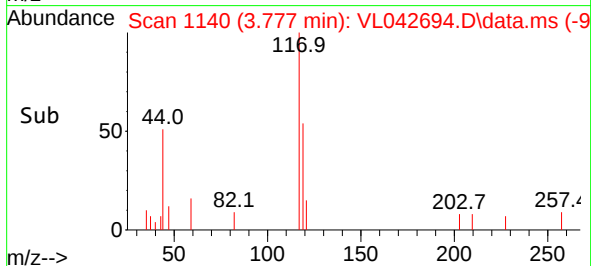
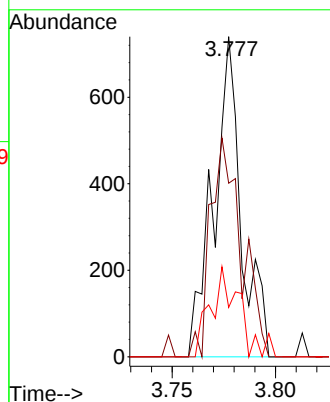
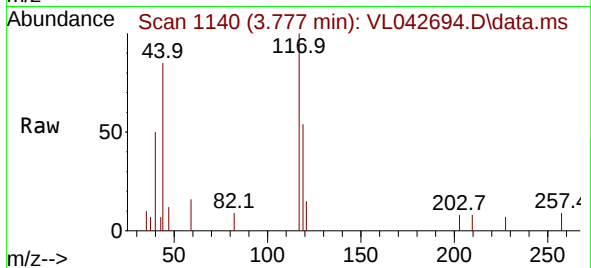
Tgt Ion:	117	Resp:	68
Ion	Ratio	Lower	Upper
117	100		
119	54.2	77.6	116.4
121	15.4	24.0	36.0

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

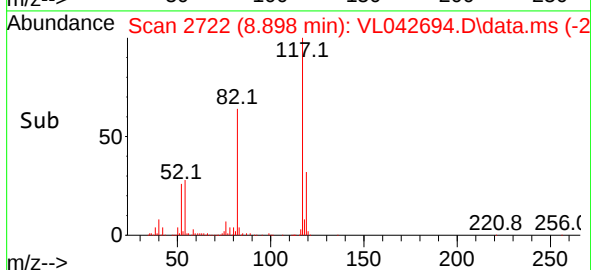
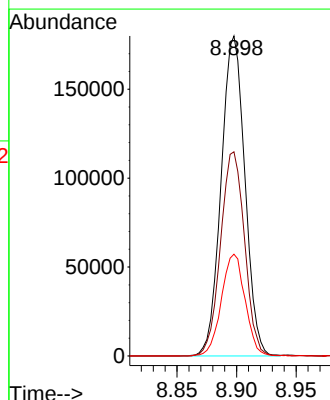
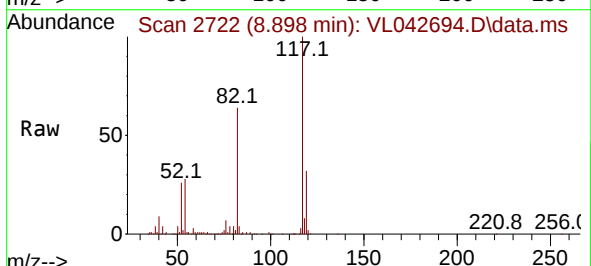
RT: 8.898 min Scan# 2722

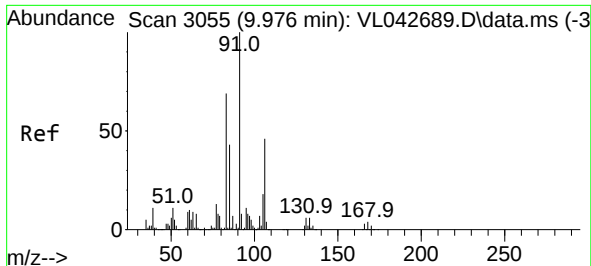
Delta R.T. -0.000 min

Lab File: VL042694.D

Acq: 02 Jul 2025 11:06

Tgt Ion:	117	Resp:	249164
Ion	Ratio	Lower	Upper
117	100		
82	64.6	53.4	80.2
119	31.8	26.6	39.8





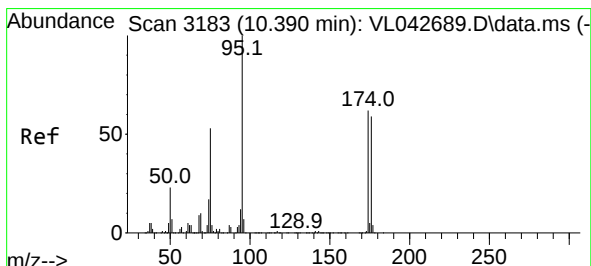
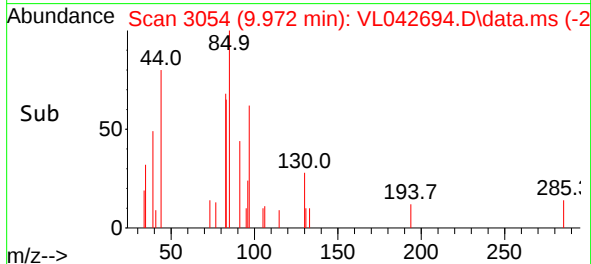
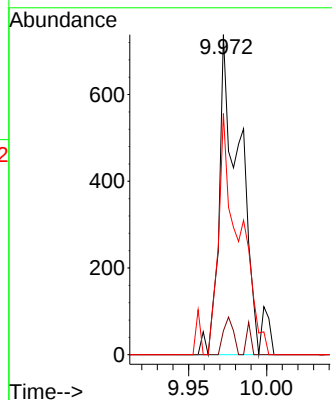
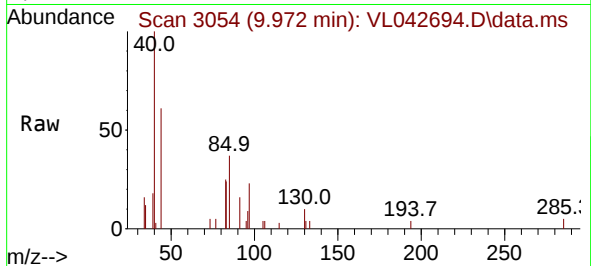
#63
1,1,2,2-Tetrachloroethane
Concen: 0.031 ppbv m
RT: 9.972 min Scan# 3055
Delta R.T. -0.003 min
Lab File: VL042694.D
Acq: 02 Jul 2025 11:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Tgt Ion: 83 Resp: 700
Ion Ratio Lower Upper
83 100
131 7.5 4.5 13.4
85 74.5 31.5 94.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.571 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VL042694.D
Acq: 02 Jul 2025 11:06

Tgt Ion: 95 Resp: 183435
Ion Ratio Lower Upper
95 100
174 63.7 51.2 76.8
175 4.9 3.8 5.8

