

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042584.D
 Acq On : 29 May 2025 13:51
 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 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:36:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri May 30 01:15:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	103144	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	305114	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	273881	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	205981	10.033	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.577	62	209	0.041	ppbv #	77
32) 1,1,1-Trichloroethane	3.373	97	683m	0.034	ppbv	
35) Carbon Tetrachloride	3.764	117	623m	0.031	ppbv	
38) Trichloroethene	4.541	130	356m	0.028	ppbv	
52) Tetrachloroethene	8.228	164	321m	0.029	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.969	83	866	0.037	ppbv #	82

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

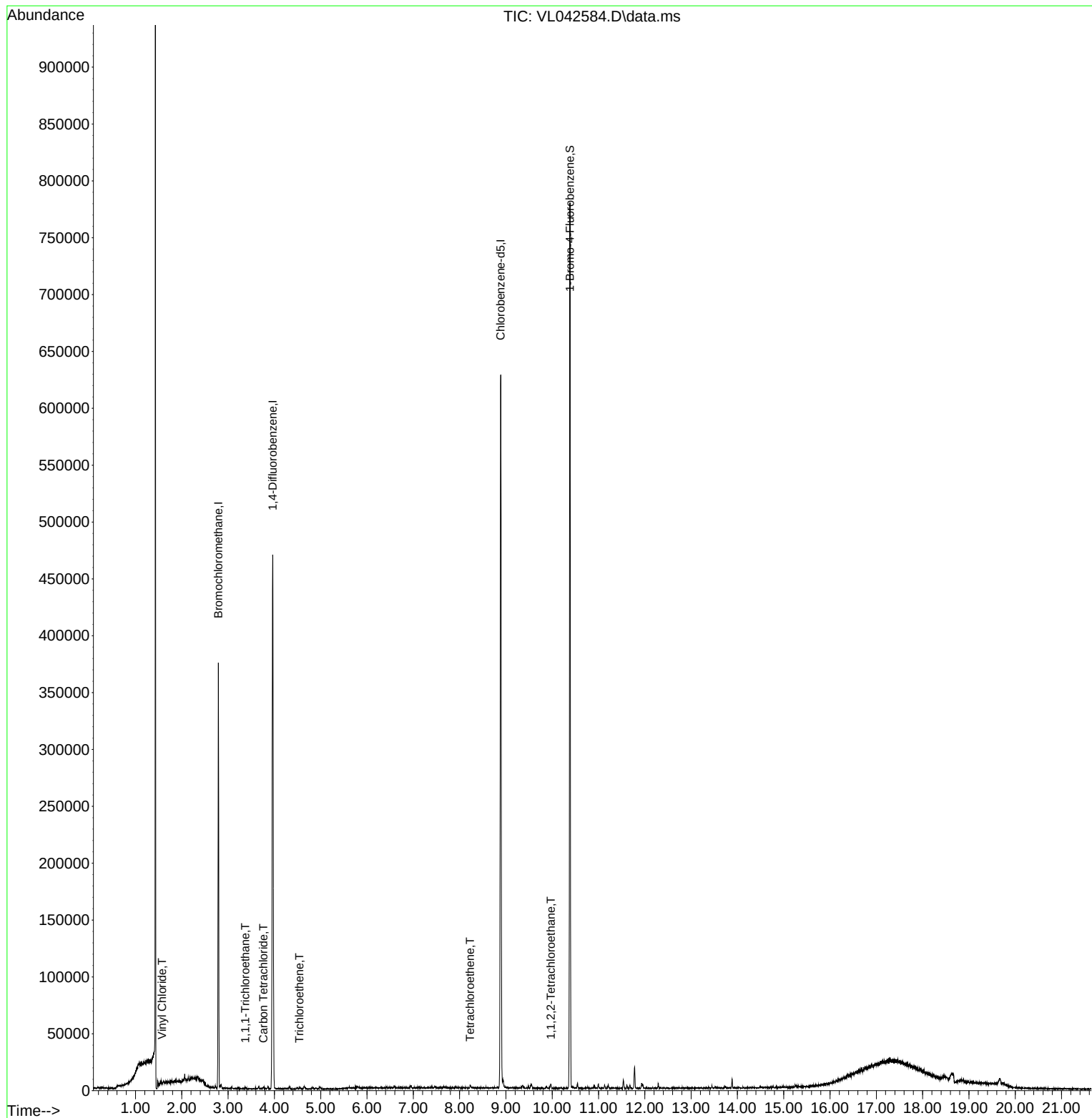
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
Data File : VL042584.D
Acq On : 29 May 2025 13:51
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

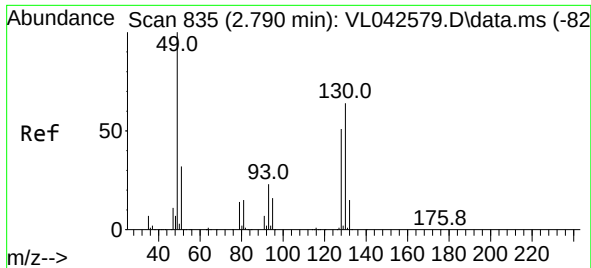
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

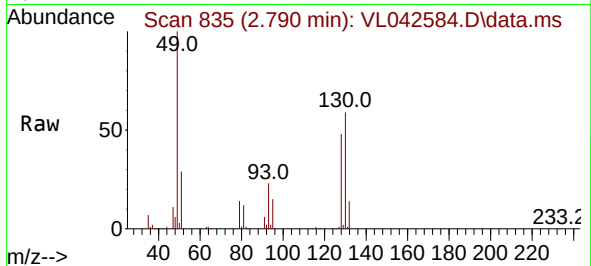
Quant Time: May 30 01:36:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri May 30 01:15:52 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

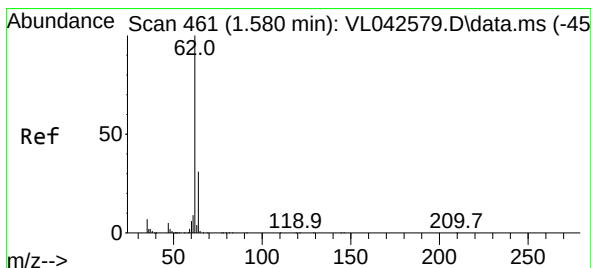
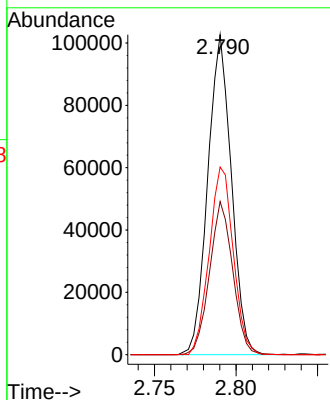
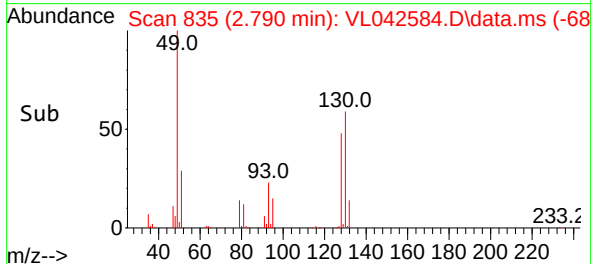
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 103144
Ion Ratio Lower Upper
49 100
128 47.0 24.2 72.6
130 60.0 30.4 91.2

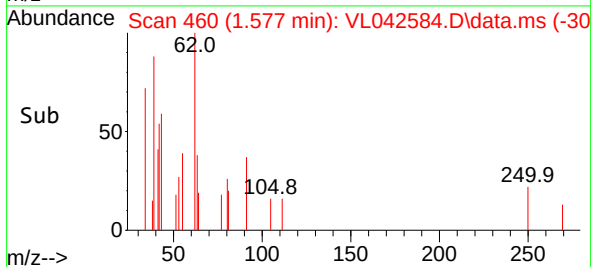
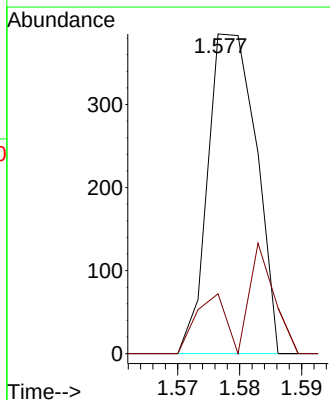
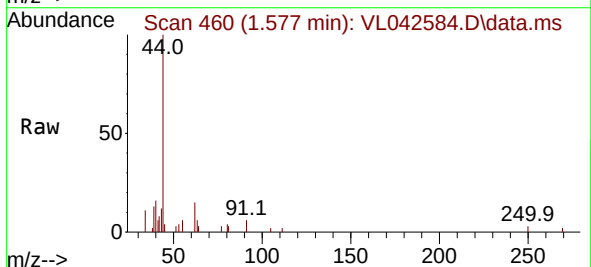
Manual Integrations
APPROVED

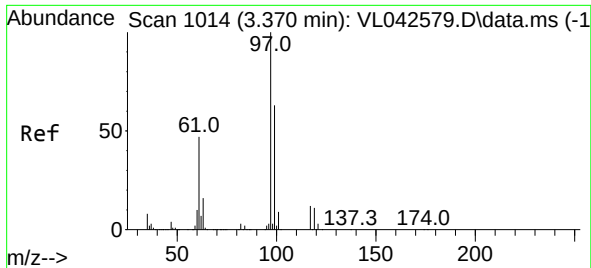
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#5
Vinyl Chloride
Concen: 0.041 ppbv
RT: 1.577 min Scan# 460
Delta R.T. -0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

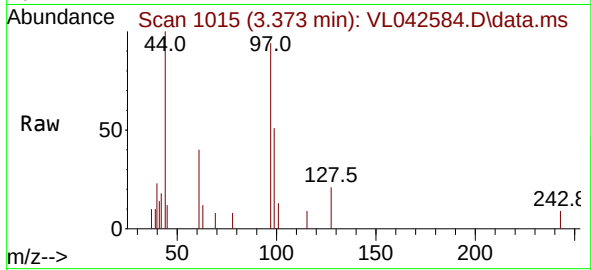
Tgt Ion: 62 Resp: 209
Ion Ratio Lower Upper
62 100
64 18.7 24.9 37.3#





#32
 1,1,1-Trichloroethane
 Concen: 0.034 ppbv m
 RT: 3.373 min Scan# 1014
 Delta R.T. 0.003 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

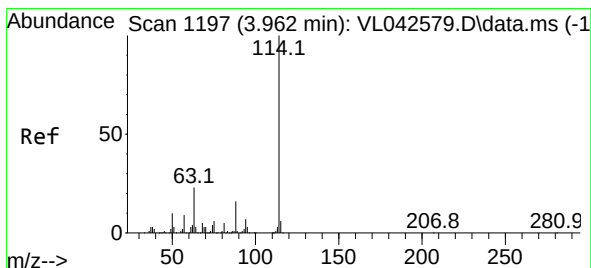
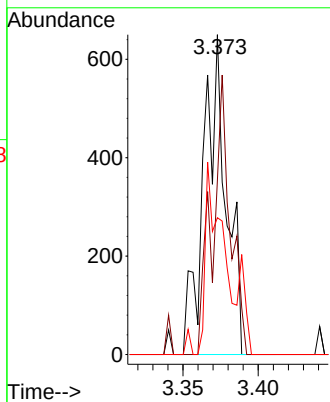
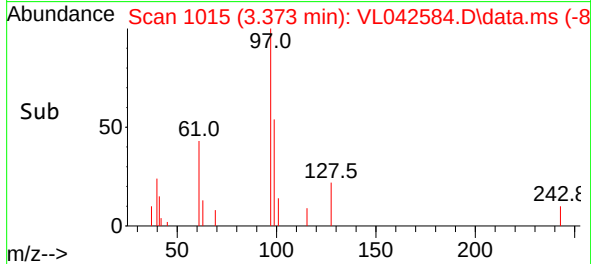
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03



Tgt Ion: 97 Resp: 683
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.0 76.6
 61 55.6 39.4 59.0

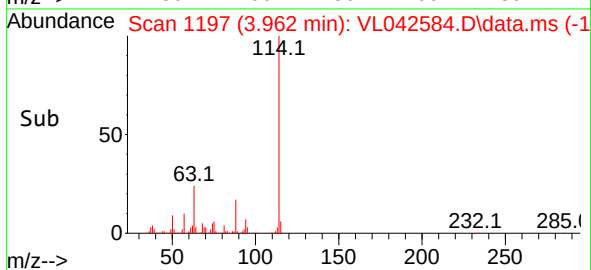
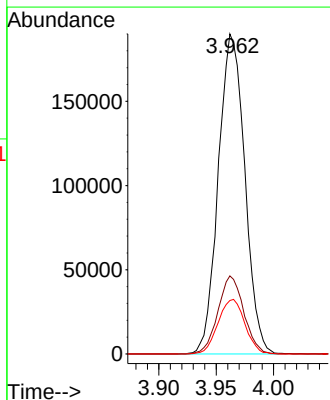
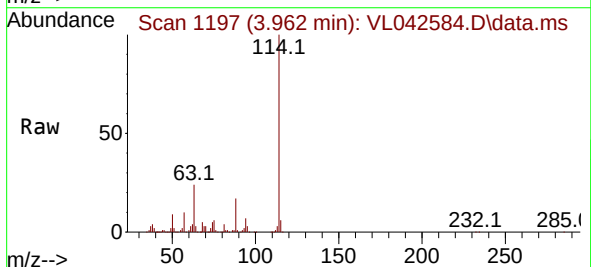
Manual Integrations
 APPROVED

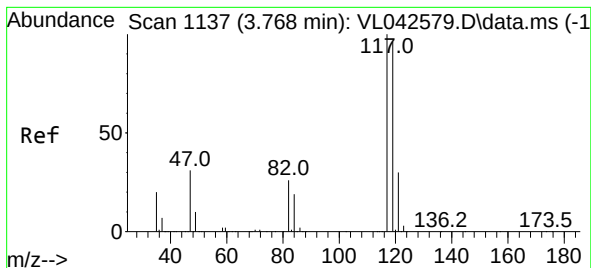
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.962 min Scan# 1197
 Delta R.T. 0.000 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

Tgt Ion:114 Resp: 305114
 Ion Ratio Lower Upper
 114 100
 63 23.8 19.0 28.6
 88 17.2 13.6 20.4





#35

Carbon Tetrachloride

Concen: 0.031 ppbv m

RT: 3.764 min Scan# 1136

Delta R.T. -0.003 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

Instrument :

MSVOA_L

ClientSampleId :

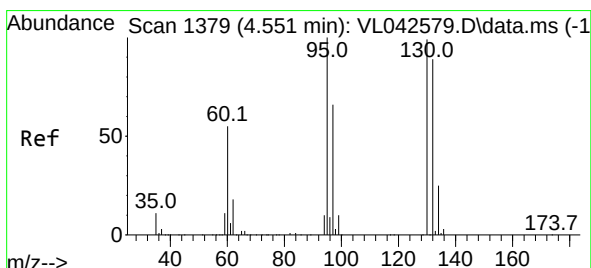
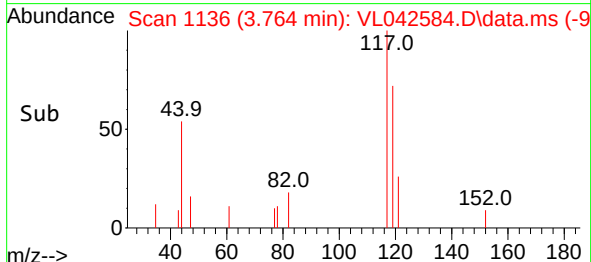
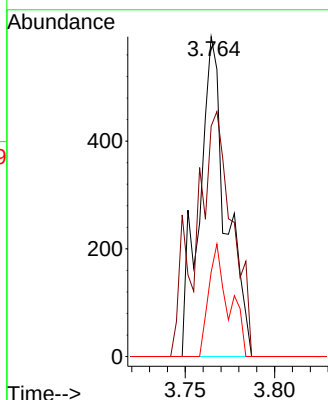
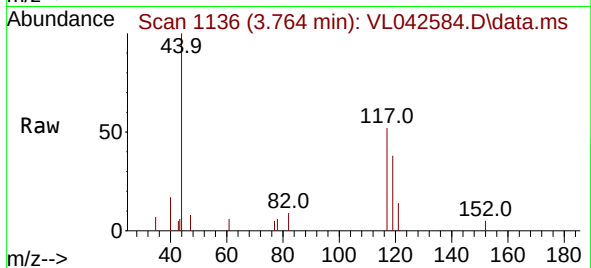
VSTDIC0.03

Tgt Ion:117	Resp:	62
Ion Ratio	Lower	Upper
117	100	
119	72.1	76.8 115.2
121	26.4	24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#38

Trichloroethene

Concen: 0.028 ppbv m

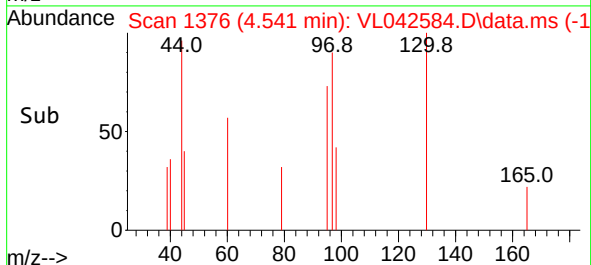
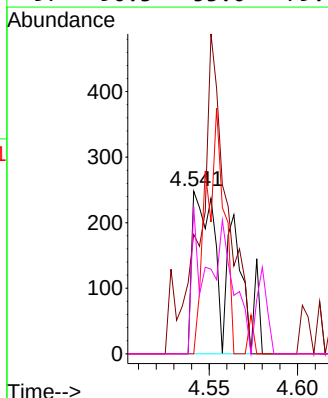
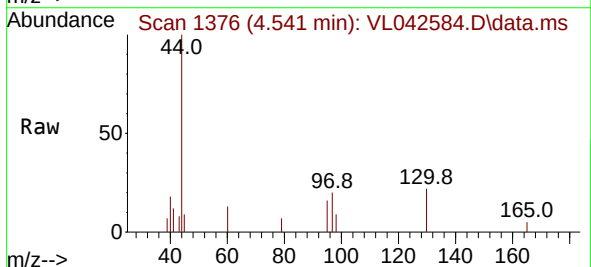
RT: 4.541 min Scan# 1376

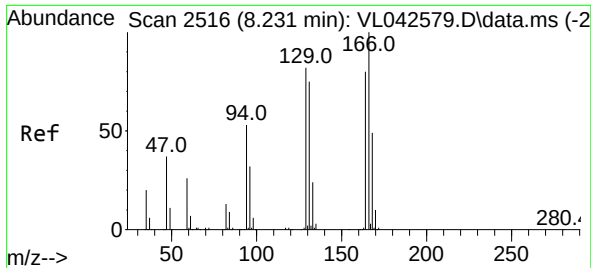
Delta R.T. -0.010 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

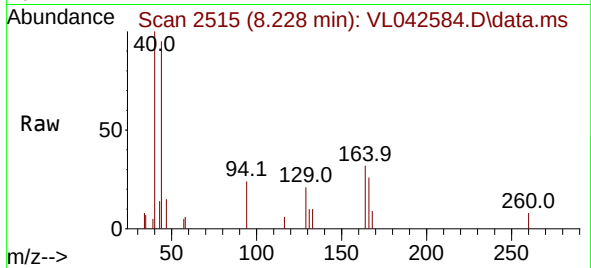
Tgt Ion:130	Resp:	356
Ion Ratio	Lower	Upper
130	100	
95	73.4	80.6 121.0#
132	0.0	71.8 107.6#
97	90.3	53.0 79.4#





#52
Tetrachloroethene
Concen: 0.029 ppbv m
RT: 8.228 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

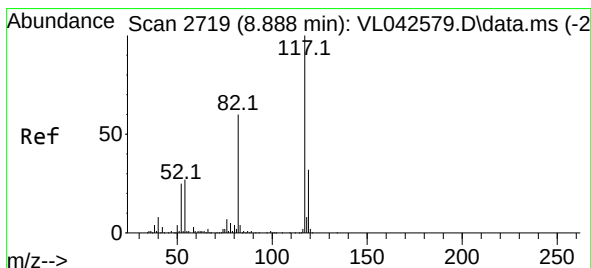
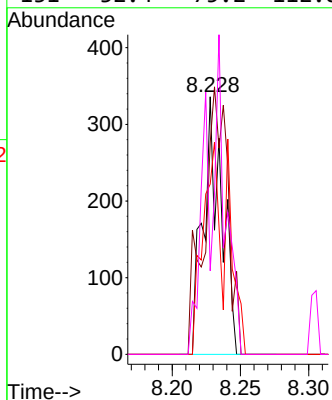
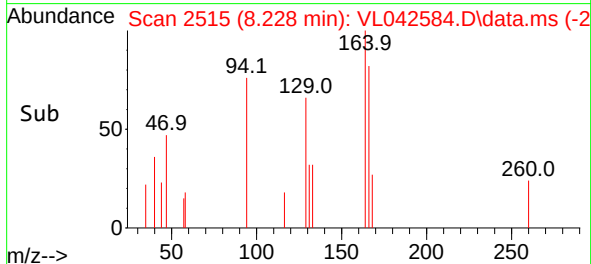
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:164 Resp: 321
Ion Ratio Lower Upper
164 100
166 82.1 100.0 150.0
129 66.1 82.2 123.4
131 32.4 75.2 112.8

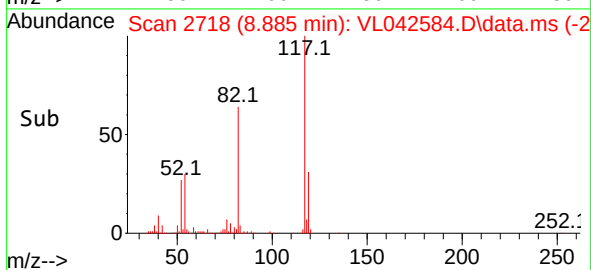
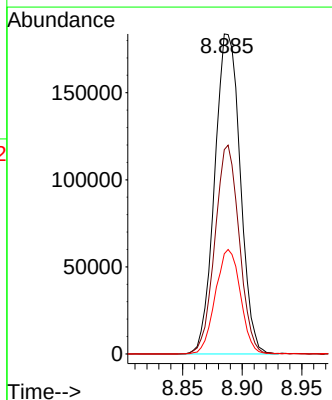
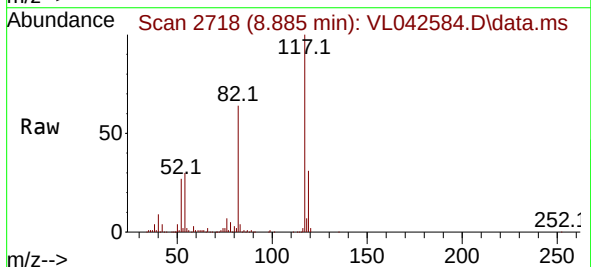
Manual Integrations
APPROVED

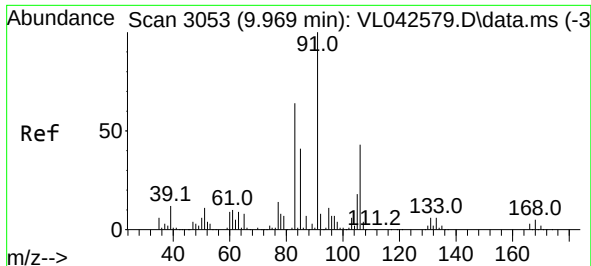
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. -0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

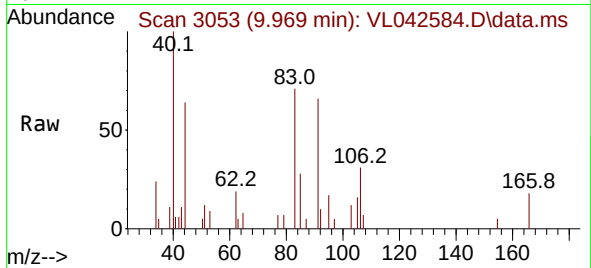
Tgt Ion:117 Resp: 273881
Ion Ratio Lower Upper
117 100
82 62.2 51.2 76.8
119 32.2 26.3 39.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.037 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.000 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

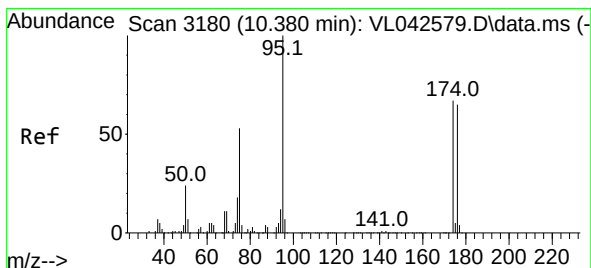
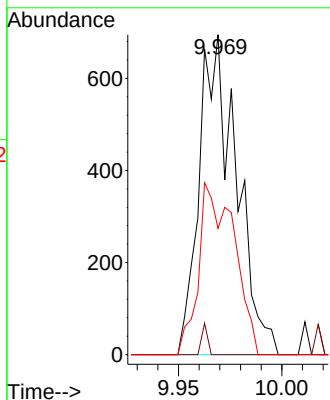
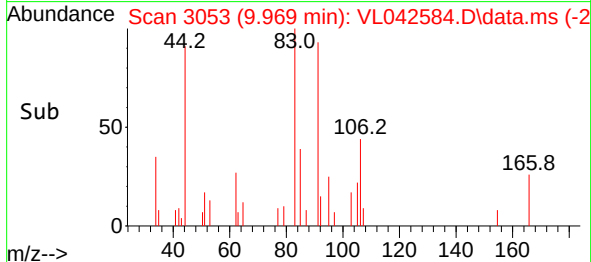
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 83 Resp: 860
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4
85 51.4 32.5 97.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 10.033 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion: 95 Resp: 205981
Ion Ratio Lower Upper
95 100
174 65.5 53.1 79.7
175 5.1 4.2 6.2

