

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042583.D
 Acq On : 29 May 2025 13:19
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Manual Integrations
 APPROVED

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

Quant Time: May 30 01:35:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2025
 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	103370	10.000	ppbv	0.00
33) 1,4-Difluorobenzene		3.962	114	302218	10.000	ppbv	0.00
55) Chlorobenzene-d5		8.888	117	273881	10.000	ppbv	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		10.380	95	205672	10.018	ppbv	0.00
Spiked Amount		10.000	Range	65 - 135	Recovery	= 100.200%	
Target Compounds							
							Qvalue
5) Vinyl Chloride		1.580	62	481	0.094	ppbv	# 31
32) 1,1,1-Trichloroethane		3.373	97	2153	0.107	ppbv	90
35) Carbon Tetrachloride		3.768	117	2135	0.107	ppbv	# 76
38) Trichloroethene		4.548	130	1305m	0.102	ppbv	
52) Tetrachloroethene		8.238	164	1230m	0.111	ppbv	
54) 1,2-Dibromoethane		7.658	107	1737m	0.103	ppbv	
63) 1,1,2,2-Tetrachloroethane		9.969	83	2267	0.098	ppbv	96
79) Naphthalene		13.523	128	2980m	0.076	ppbv	

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

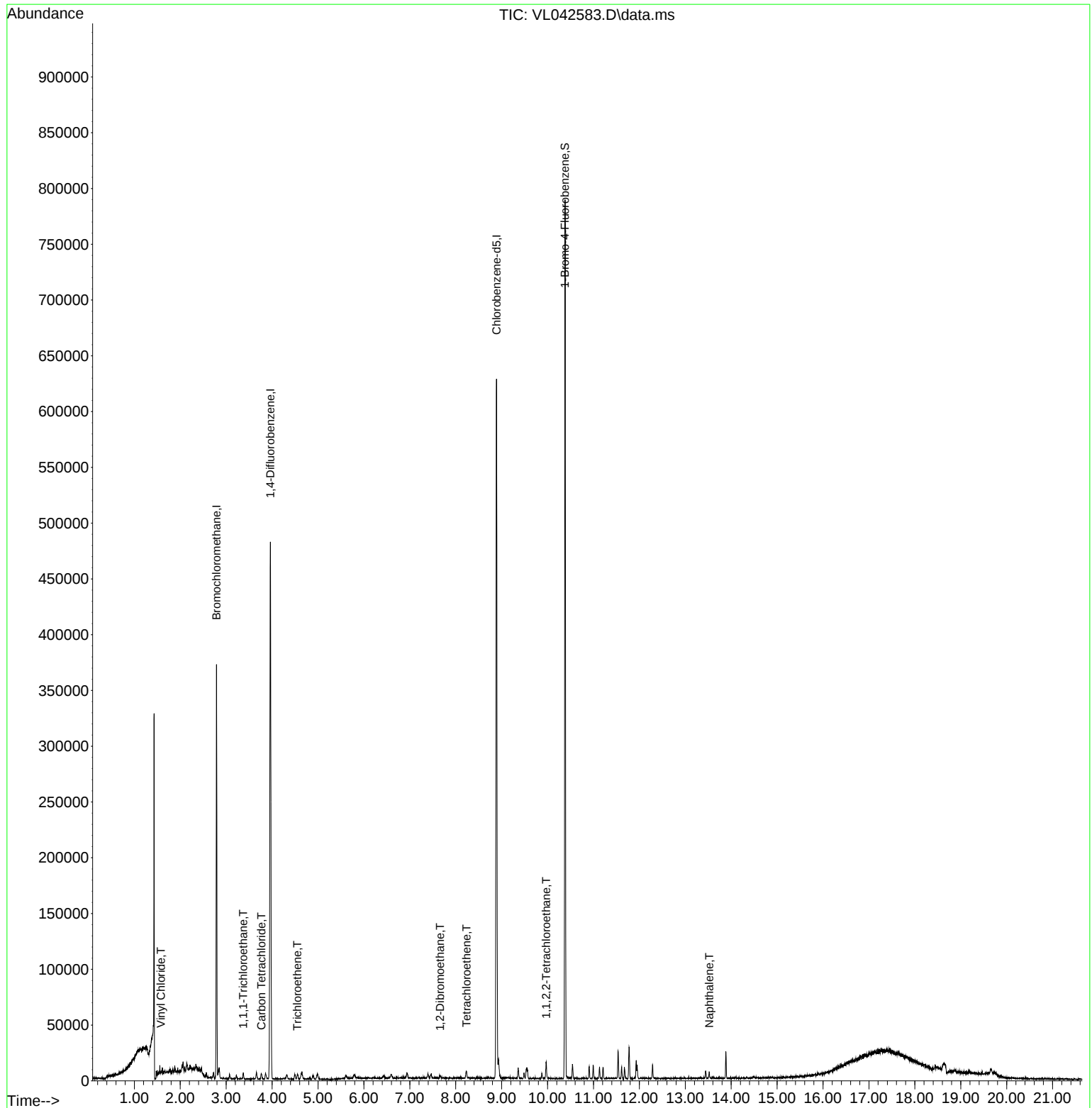
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
Data File : VL042583.D
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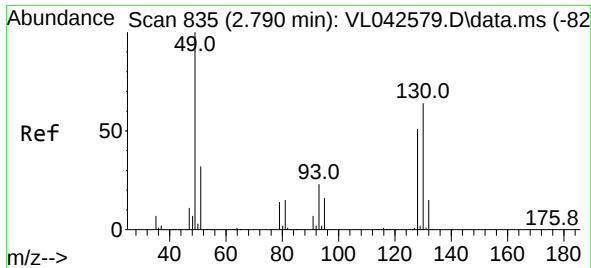
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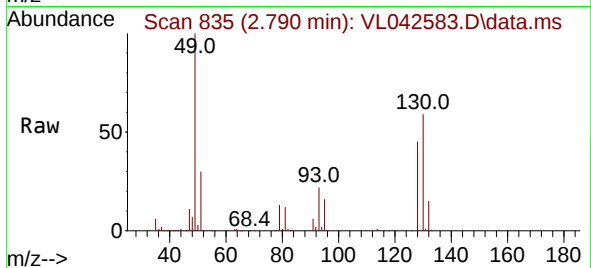
Quant Time: May 30 01:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri May 30 01:15:52 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042583.D
Acq: 29 May 2025 13:19

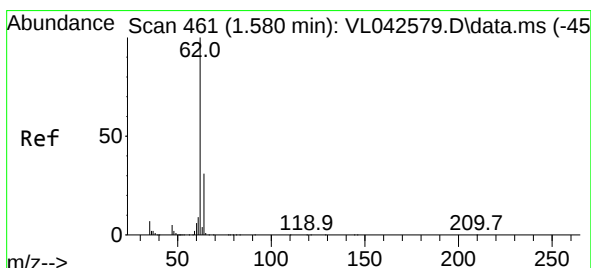
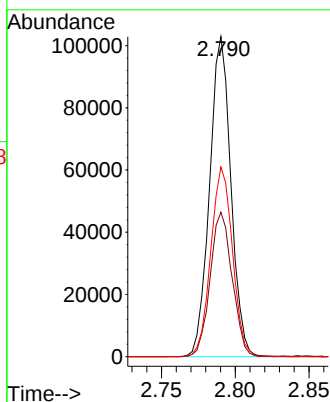
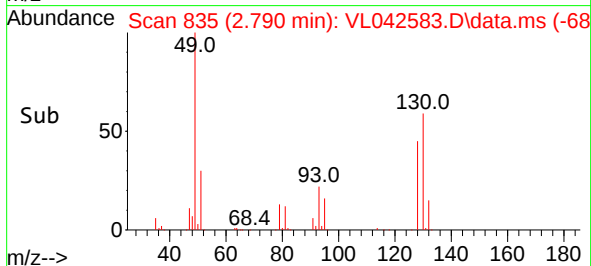
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



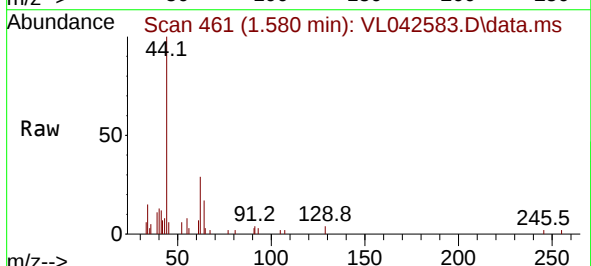
Tgt Ion: 49 Resp: 103370
Ion Ratio Lower Upper
49 100
128 46.5 24.2 72.6
130 60.4 30.4 91.2

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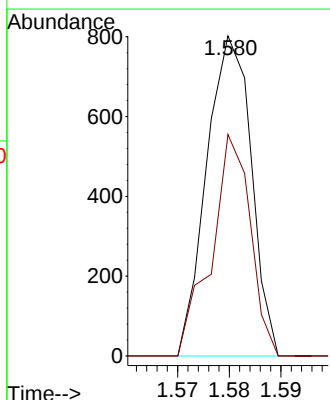
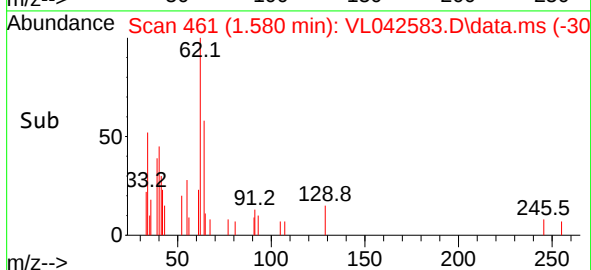
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

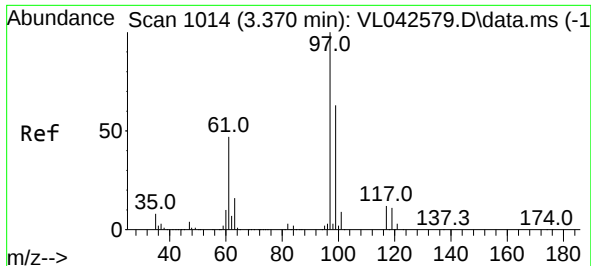


#5
Vinyl Chloride
Concen: 0.094 ppbv
RT: 1.580 min Scan# 461
Delta R.T. 0.000 min
Lab File: VL042583.D
Acq: 29 May 2025 13:19



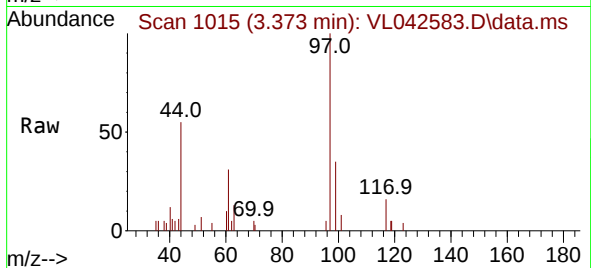
Tgt Ion: 62 Resp: 481
Ion Ratio Lower Upper
62 100
64 69.2 24.9 37.3#





#32
1,1,1-Trichloroethane
Concen: 0.107 ppbv
RT: 3.373 min Scan# 1014
Delta R.T. 0.003 min
Lab File: VL042583.D
Acq: 29 May 2025 13:19

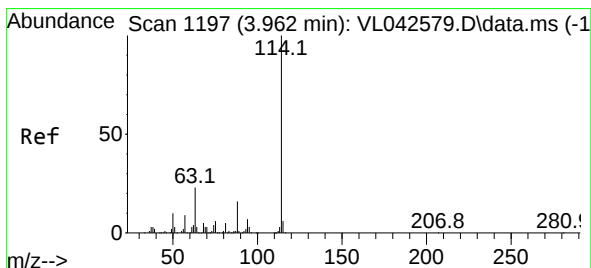
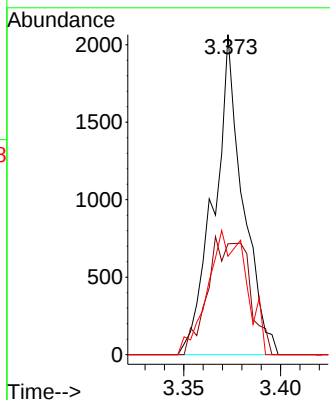
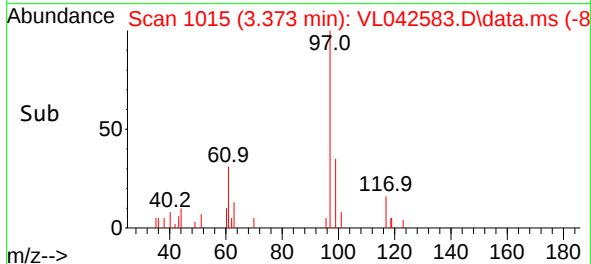
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1



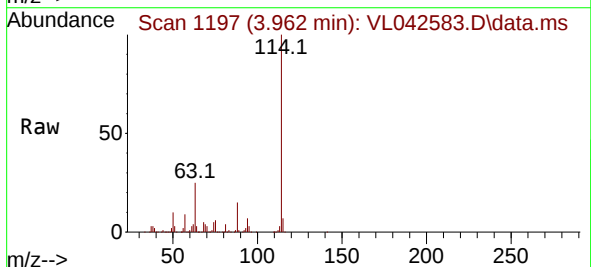
Tgt Ion: 97 Resp: 215
Ion Ratio Lower Upper
97 100
99 52.2 51.0 76.6
61 51.3 39.4 59.0

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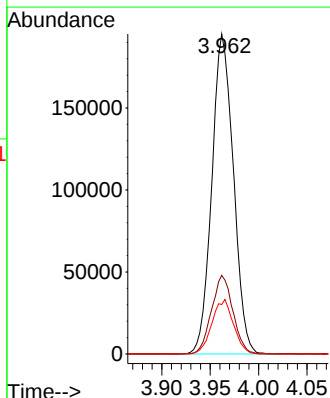
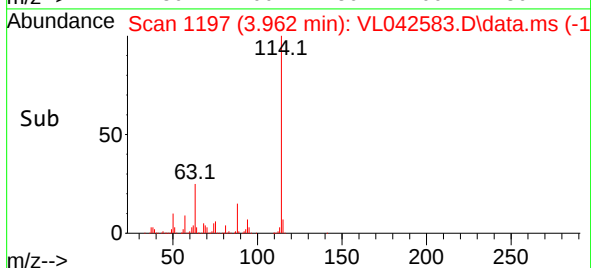
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

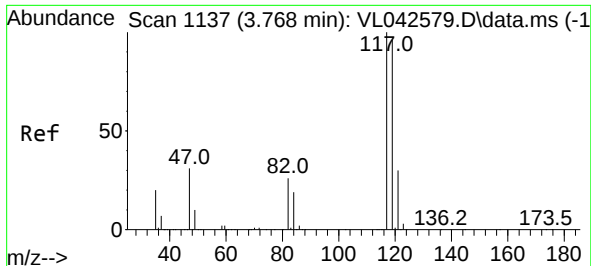


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.000 min
Lab File: VL042583.D
Acq: 29 May 2025 13:19



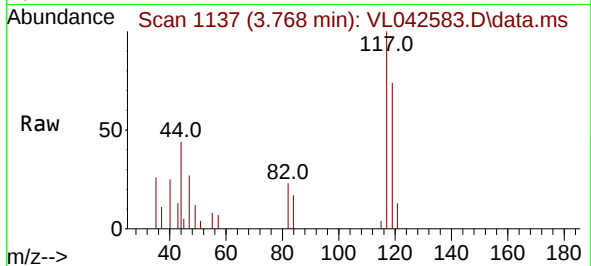
Tgt Ion:114 Resp: 302218
Ion Ratio Lower Upper
114 100
63 24.3 19.0 28.6
88 17.0 13.6 20.4





#35
Carbon Tetrachloride
Concen: 0.107 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VL042583.D
Acq: 29 May 2025 13:19

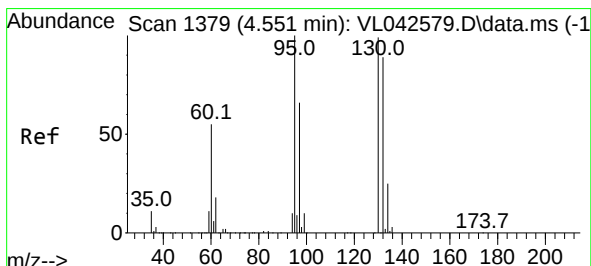
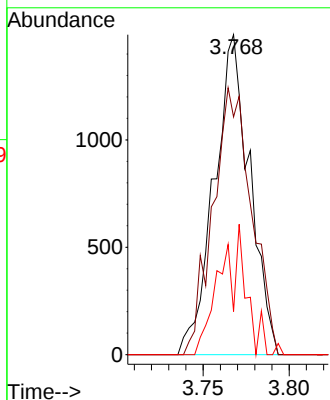
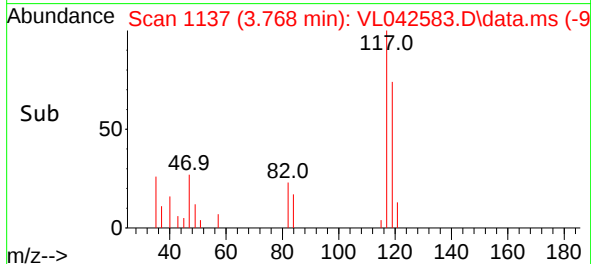
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



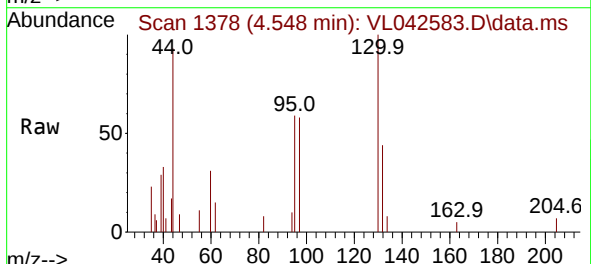
Tgt Ion:117 Resp: 2135
Ion Ratio Lower Upper
117 100
119 74.3 76.8 115.2
121 13.5 24.3 36.5

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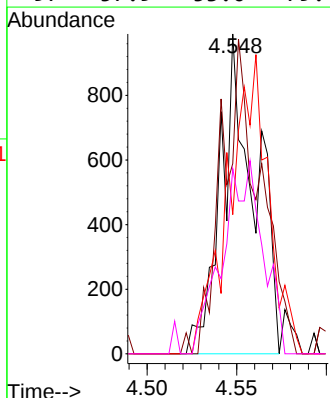
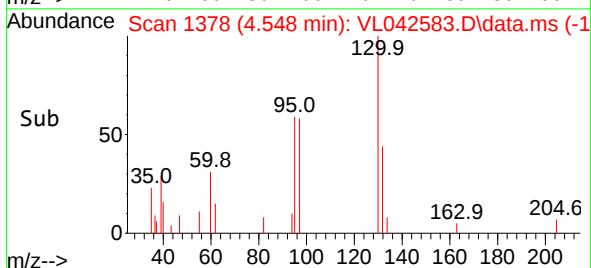
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

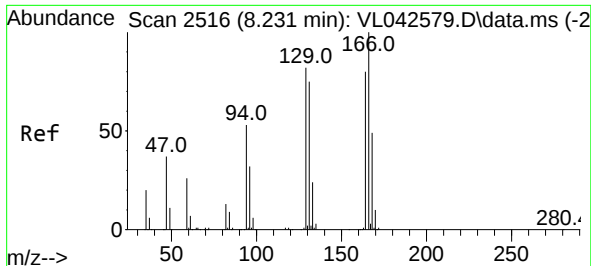


#38
Trichloroethene
Concen: 0.102 ppbv m
RT: 4.548 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VL042583.D
Acq: 29 May 2025 13:19



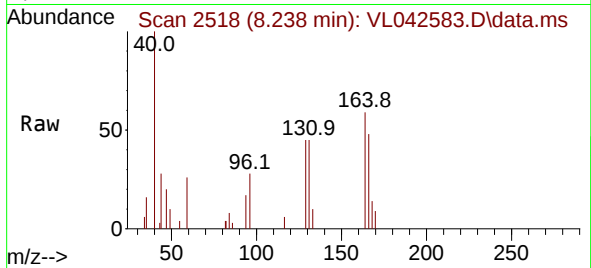
Tgt Ion:130 Resp: 1305
Ion Ratio Lower Upper
130 100
95 59.5 80.6 121.0#
132 43.5 71.8 107.6#
97 57.9 53.0 79.4





#52
Tetrachloroethene
Concen: 0.111 ppbv m
RT: 8.238 min Scan# 2516
Delta R.T. 0.006 min
Lab File: VL042583.D
Acq: 29 May 2025 13:19

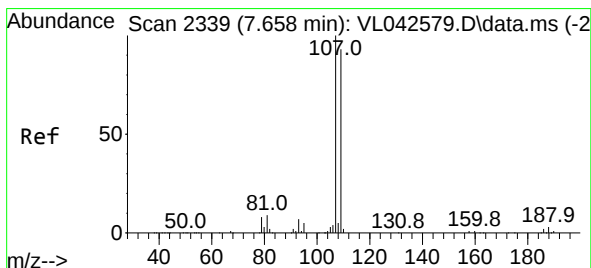
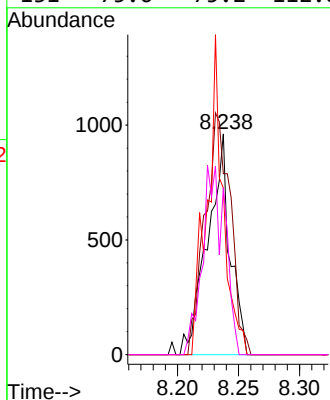
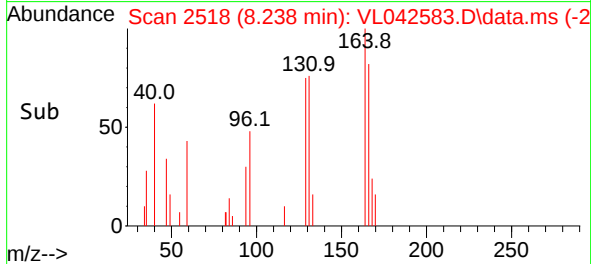
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion:164 Resp: 1230
Ion Ratio Lower Upper
164 100
166 81.9 100.0 150.0
129 75.5 82.2 123.4
131 75.6 75.2 112.8

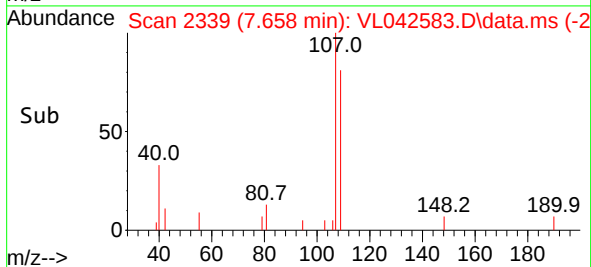
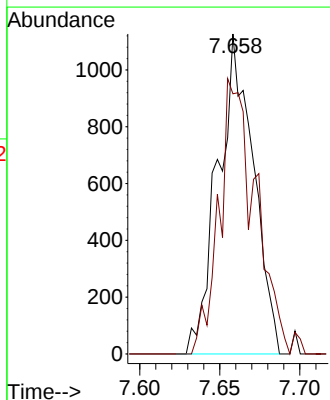
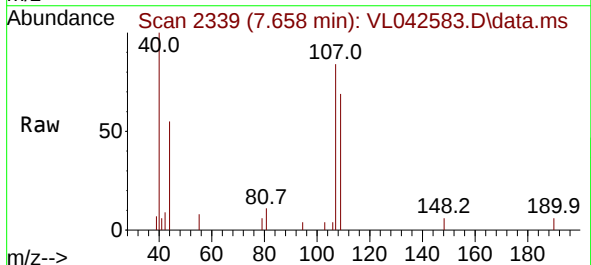
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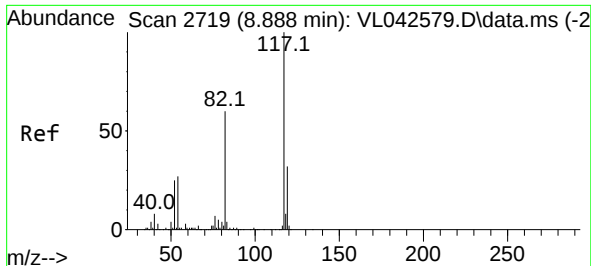
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#54
1,2-Dibromoethane
Concen: 0.103 ppbv m
RT: 7.658 min Scan# 2339
Delta R.T. 0.000 min
Lab File: VL042583.D
Acq: 29 May 2025 13:19

Tgt Ion:107 Resp: 1737
Ion Ratio Lower Upper
107 100
109 81.3 74.3 111.5





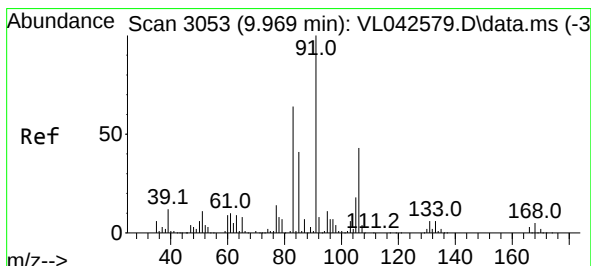
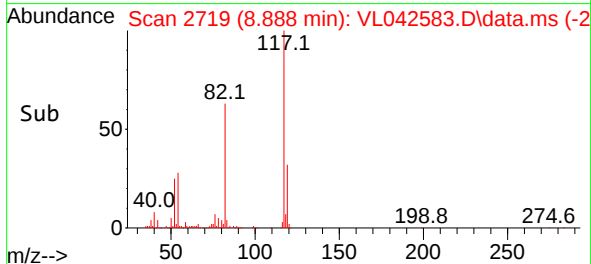
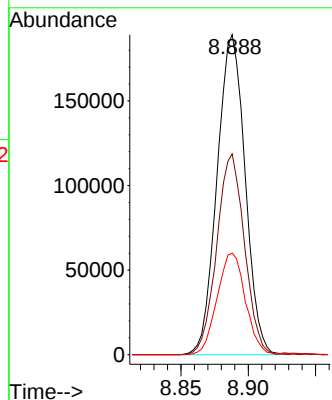
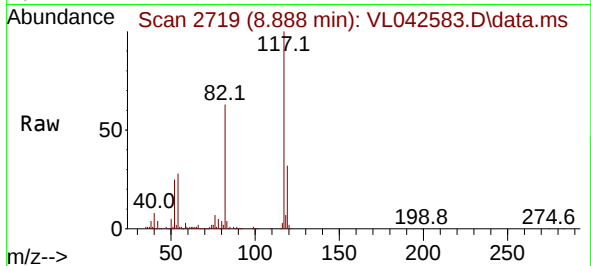
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.000 min
Lab File: VL042583.D
Acq: 29 May 2025 13:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 117 Resp: 27388
Ion Ratio Lower Upper
117 100
82 62.1 51.2 76.8
119 32.3 26.3 39.5

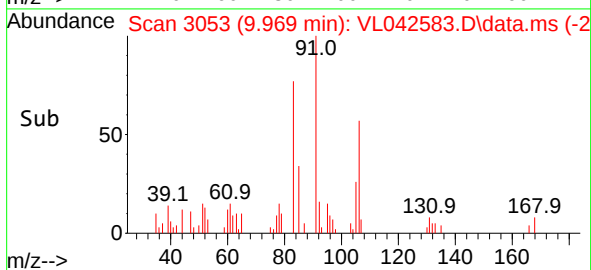
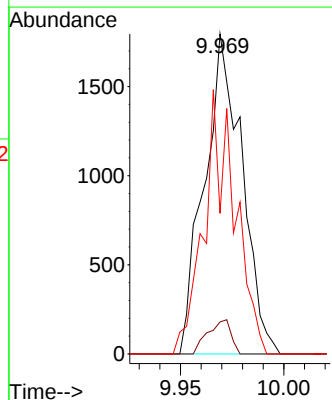
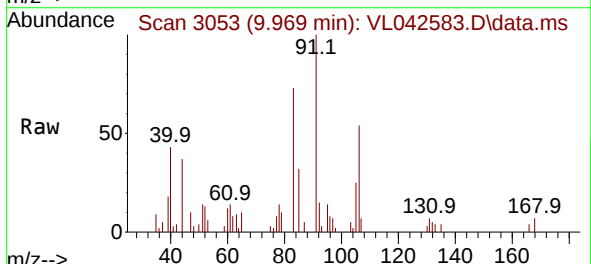
Manual Integrations
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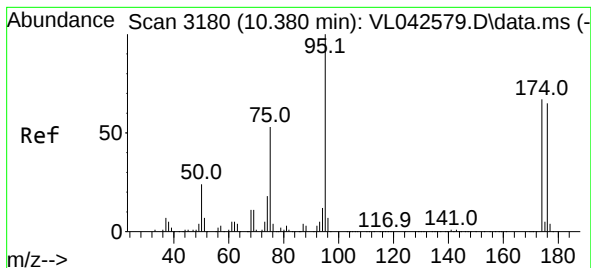
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#63
1,1,2,2-Tetrachloroethane
Concen: 0.098 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.000 min
Lab File: VL042583.D
Acq: 29 May 2025 13:19

Tgt Ion: 83 Resp: 2267
Ion Ratio Lower Upper
83 100
131 6.6 4.8 14.4
85 68.0 32.5 97.4





#68

1-Bromo-4-Fluorobenzene

Concen: 10.018 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.000 min

Lab File: VL042583.D

Acq: 29 May 2025 13:19

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

Tgt Ion: 95 Resp: 20567

Ion Ratio Lower Upper

95 100

174 64.7 53.1 79.7

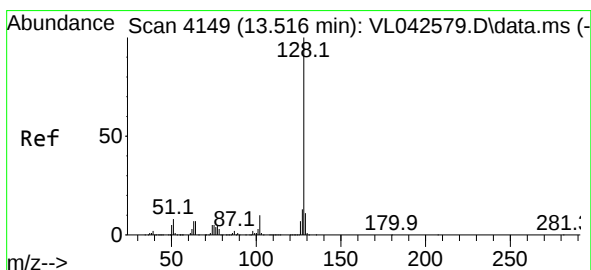
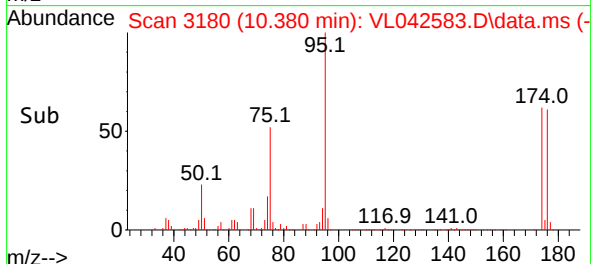
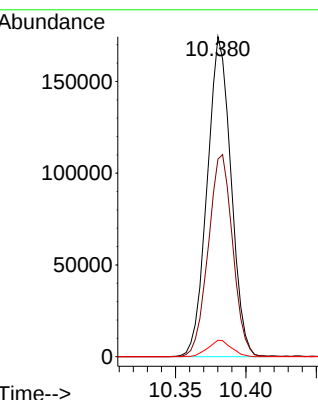
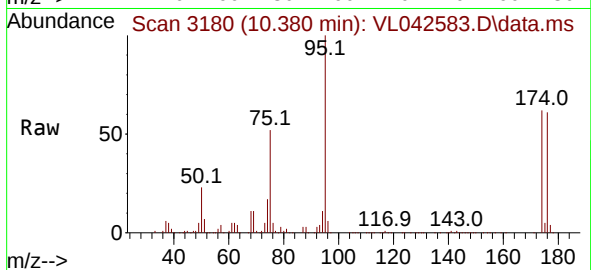
175 5.0 4.2 6.2

Manual Integrations

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Supervised By :Mahesh Dadoda 05/30/2025



#79

Naphthalene

Concen: 0.076 ppbv m

RT: 13.523 min Scan# 4151

Delta R.T. 0.006 min

Lab File: VL042583.D

Acq: 29 May 2025 13:19

Tgt Ion:128 Resp: 2980

Ion Ratio Lower Upper

128 100

127 14.7 10.2 15.4

129 11.0 8.8 13.2

