

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022525\
 Data File : VL042046.D
 Acq On : 25 Feb 2025 11:34
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 25 12:34:19 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Feb 25 10:31:48 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	160156	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	410900	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	353154	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	272906	9.368	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.700%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.586	62	215	0.017	ppbv	89
32) 1,1,1-Trichloroethane	3.379	97	923m	0.020	ppbv	
35) Carbon Tetrachloride	3.784	117	818m	0.021	ppbv	
38) Trichloroethene	4.577	130	551m	0.027	ppbv	
52) Tetrachloroethene	8.237	164	397m	0.023	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.979	83	1058m	0.027	ppbv	

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

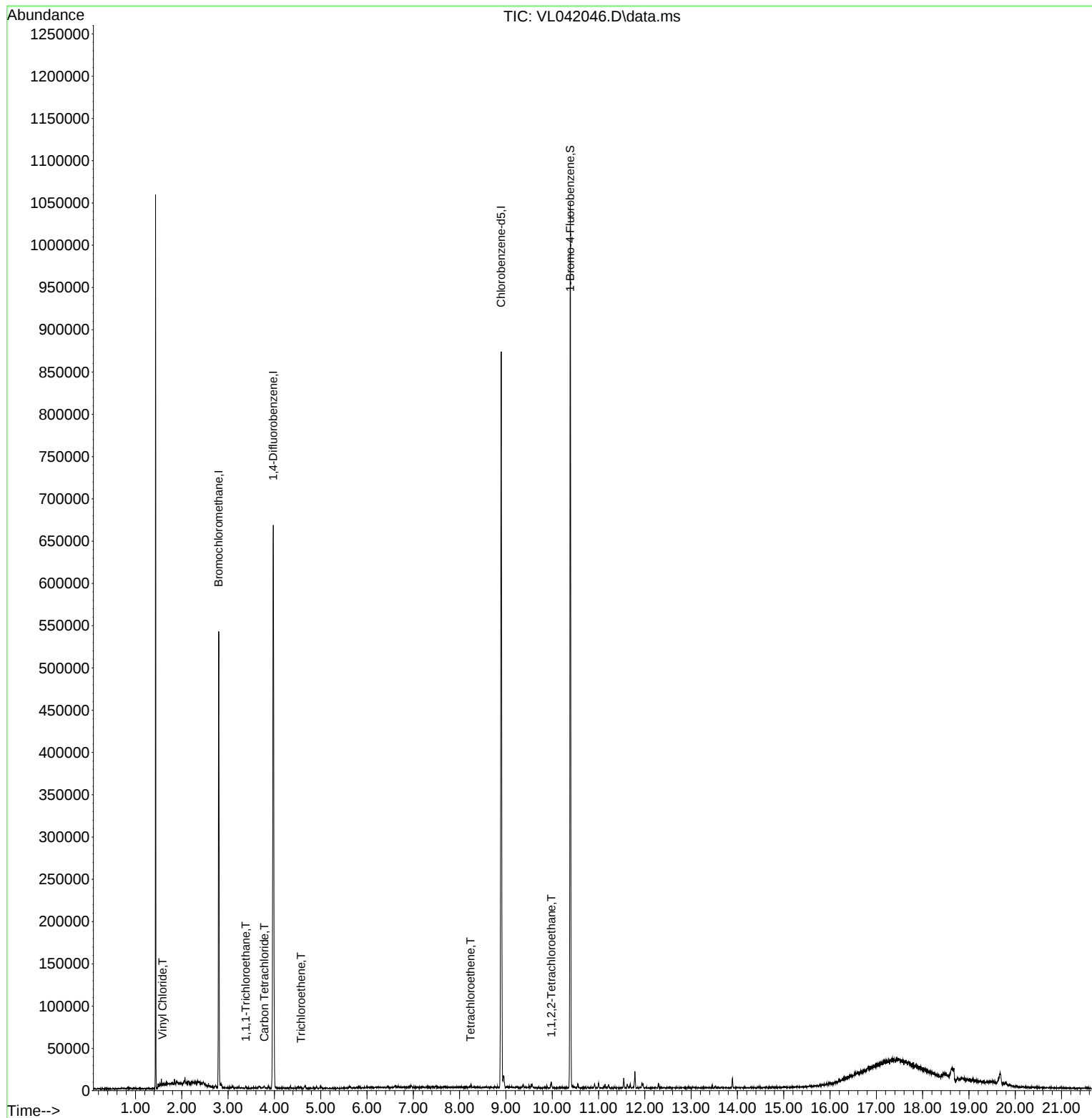
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022525\
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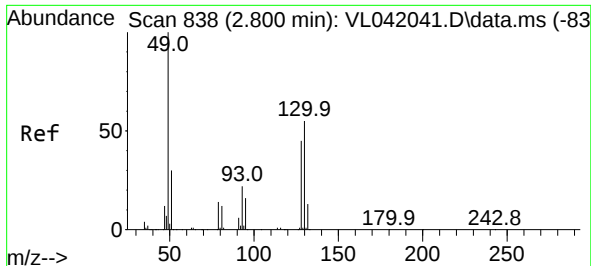
Instrument :
MSVOA_L
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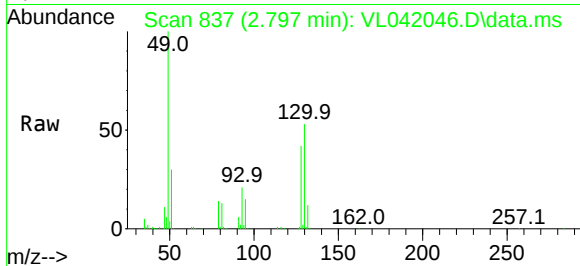
Reviewed By : Semsettin Yesilyurt 02/26/2025
Supervised By : Mahesh Dadoda 02/26/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042046.D
Acq: 25 Feb 2025 11:34

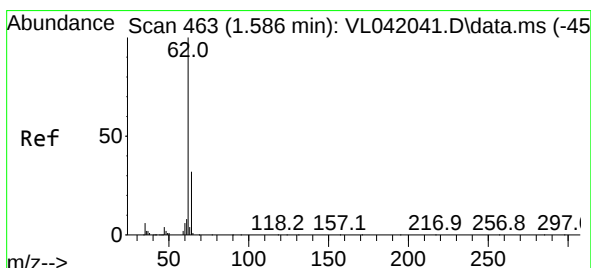
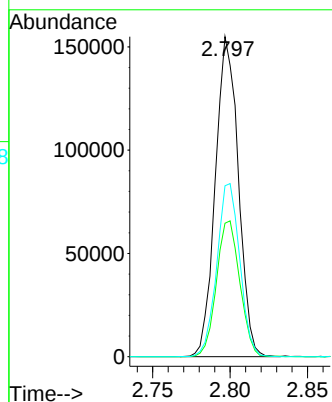
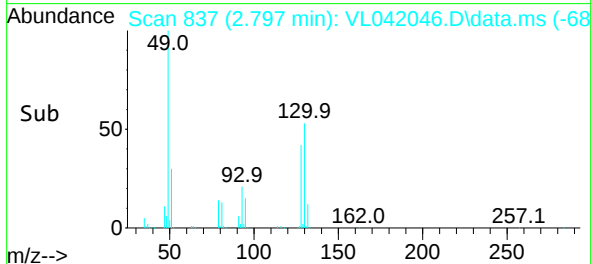
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



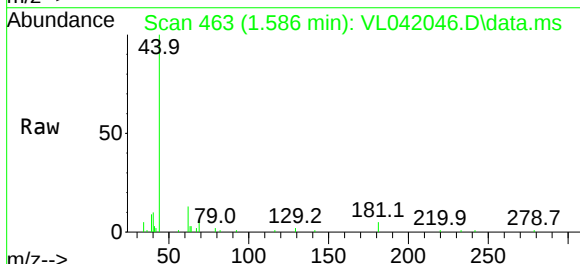
Tgt Ion: 49 Resp: 160150
Ion Ratio Lower Upper
49 100
128 43.1 21.6 64.8
130 53.9 27.8 83.4

Manual Integrations
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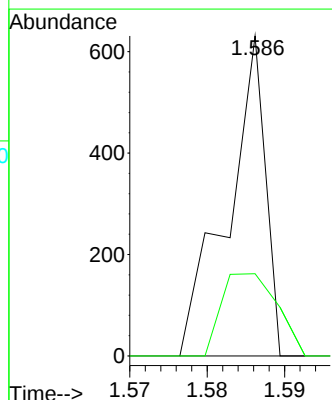
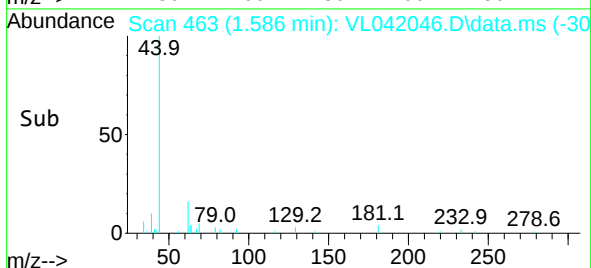
Reviewed By :Semsettin Yesilyurt 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

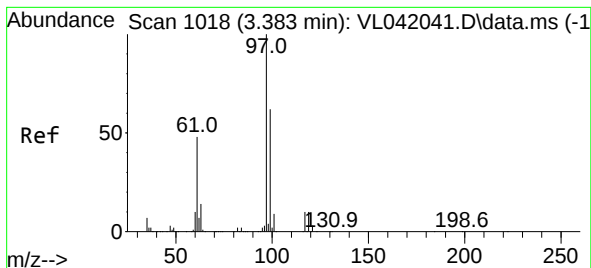


#5
Vinyl Chloride
Concen: 0.017 ppbv
RT: 1.586 min Scan# 463
Delta R.T. -0.000 min
Lab File: VL042046.D
Acq: 25 Feb 2025 11:34



Tgt Ion: 62 Resp: 215
Ion Ratio Lower Upper
62 100
64 25.7 25.3 37.9





#32

1,1,1-Trichloroethane

Concen: 0.020 ppbv m

RT: 3.379 min Scan# 1017

Delta R.T. -0.003 min

Lab File: VL042046.D

Acq: 25 Feb 2025 11:34

Instrument :

MSVOA_L

ClientSampleId :

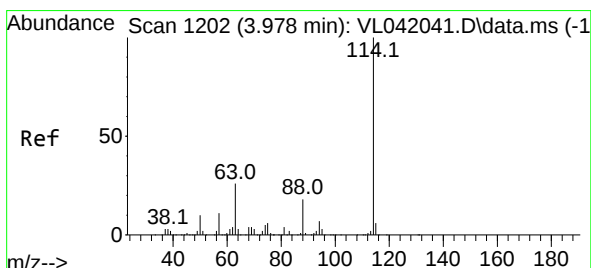
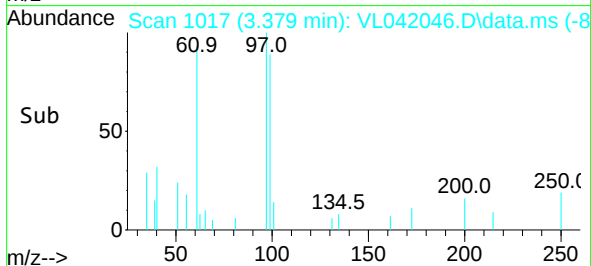
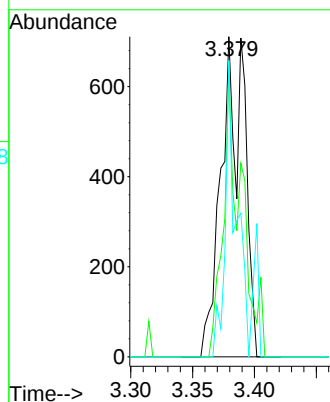
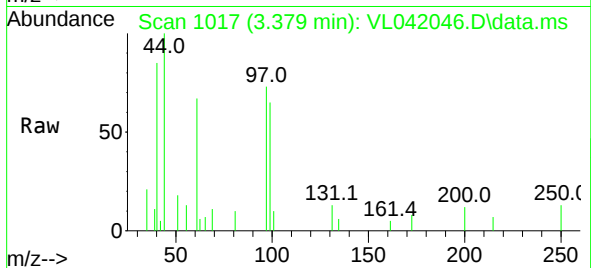
VSTDIC0.03

Tgt Ion: 97	Resp: 92
Ion Ratio	Lower Upper
97 100	
99 71.2	49.8 74.6
61 54.6	38.9 58.3

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

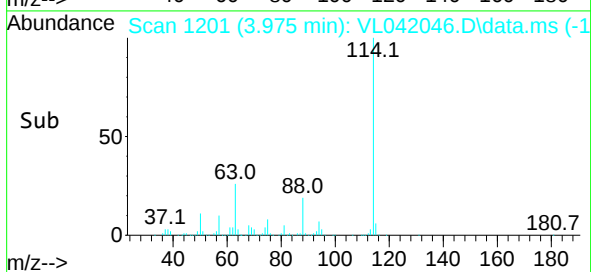
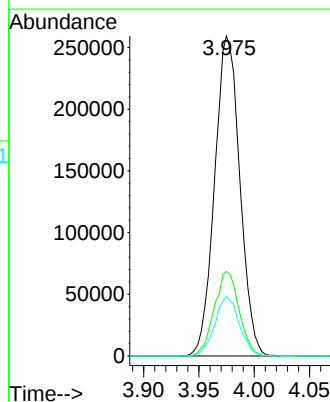
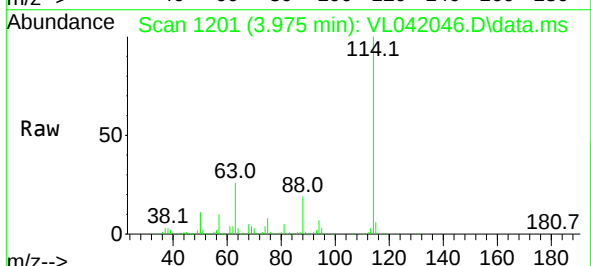
RT: 3.975 min Scan# 1201

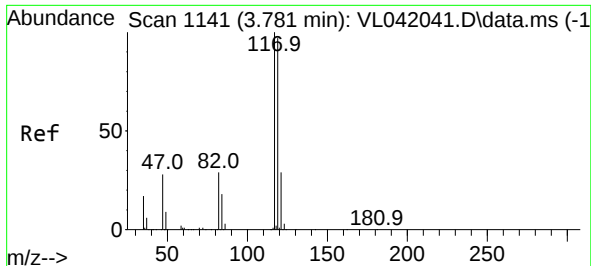
Delta R.T. -0.003 min

Lab File: VL042046.D

Acq: 25 Feb 2025 11:34

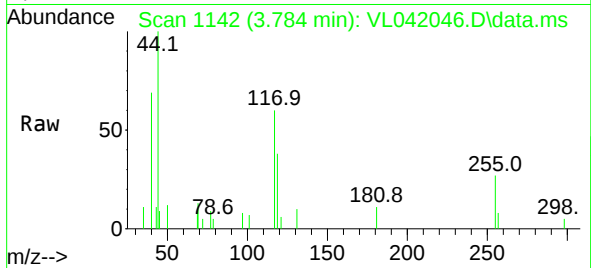
Tgt Ion:114	Resp: 410900
Ion Ratio	Lower Upper
114 100	
63 26.1	20.1 30.1
88 18.1	14.3 21.5





#35
Carbon Tetrachloride
Concen: 0.021 ppbv m
RT: 3.784 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VL042046.D
Acq: 25 Feb 2025 11:34

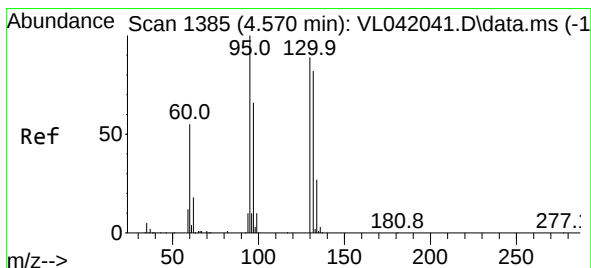
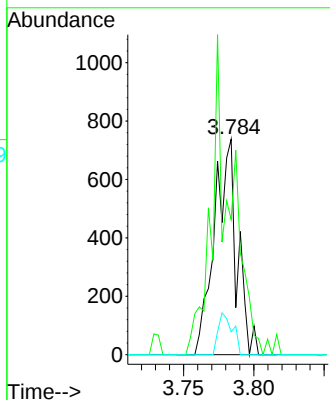
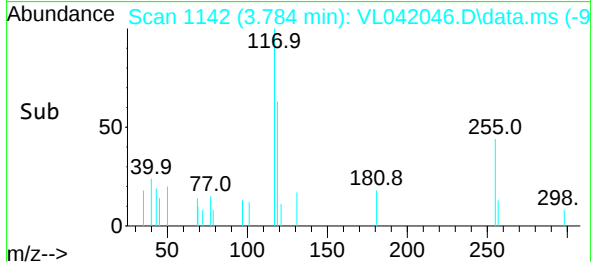
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



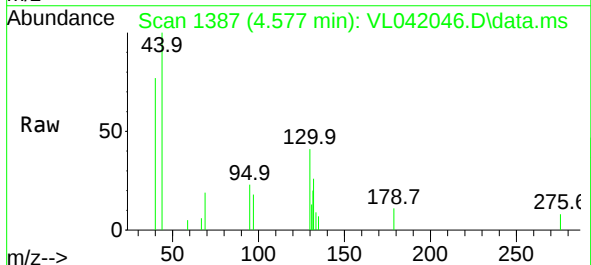
Tgt Ion:117 Resp: 818
Ion Ratio Lower Upper
117 100
119 62.7 77.8 116.8#
121 10.6 23.4 35.0#

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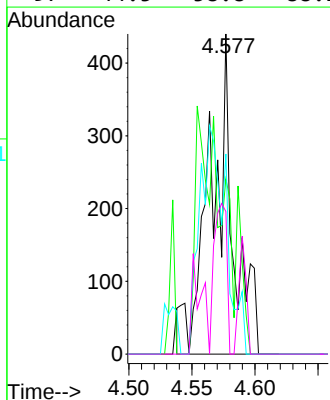
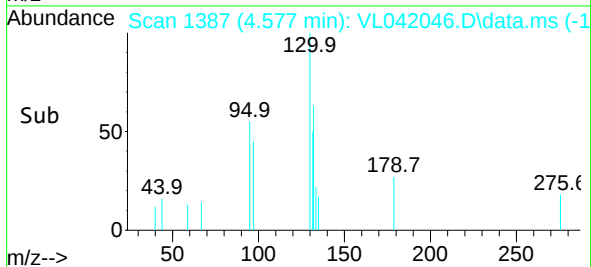
Reviewed By :Semsettin Yesilyurt 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

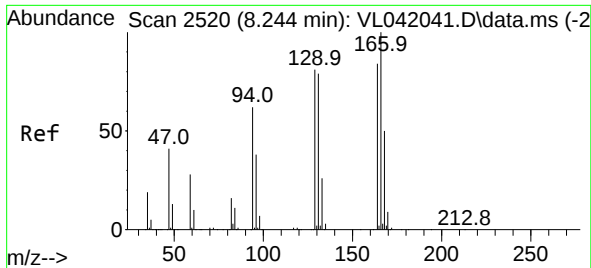


#38
Trichloroethene
Concen: 0.027 ppbv m
RT: 4.577 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VL042046.D
Acq: 25 Feb 2025 11:34



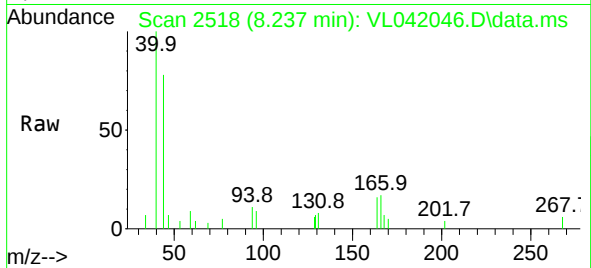
Tgt Ion:130 Resp: 551
Ion Ratio Lower Upper
130 100
95 54.8 89.5 134.3#
132 62.5 73.8 110.6#
97 44.5 58.8 88.2#





#52
Tetrachloroethene
Concen: 0.023 ppbv m
RT: 8.237 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042046.D
Acq: 25 Feb 2025 11:34

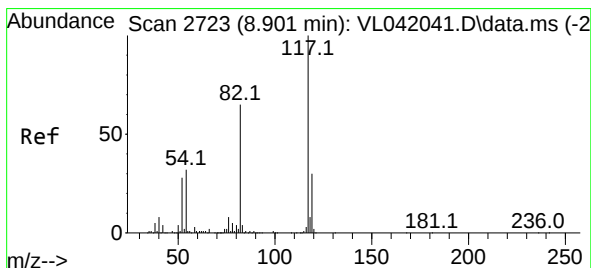
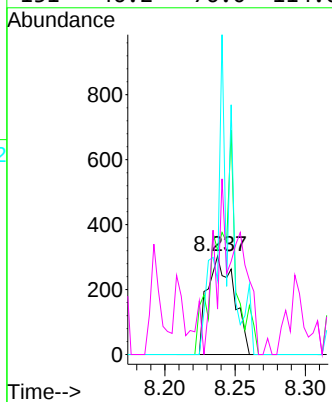
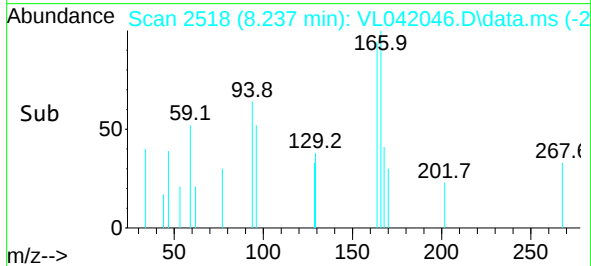
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:164 Resp: 39
Ion Ratio Lower Upper
164 100
166 106.3 95.7 143.5
129 40.3 77.1 115.7
131 46.2 76.0 114.0

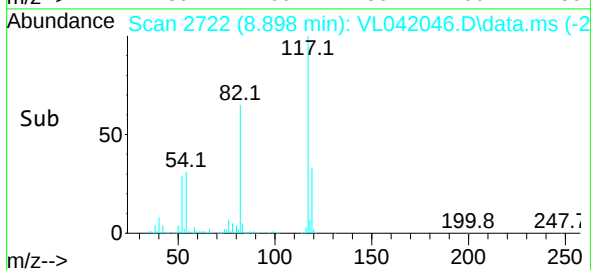
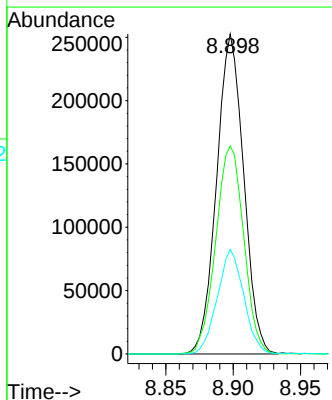
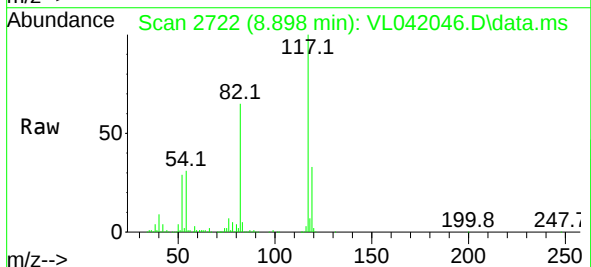
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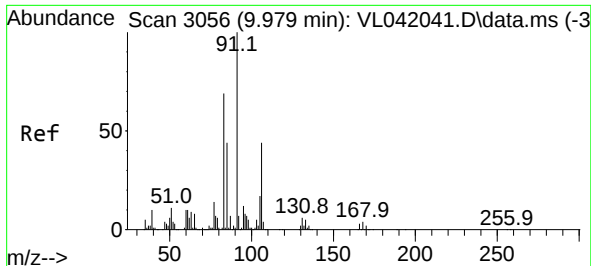
Reviewed By :Semsettin Yesilyurt 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. -0.003 min
Lab File: VL042046.D
Acq: 25 Feb 2025 11:34

Tgt Ion:117 Resp: 353154
Ion Ratio Lower Upper
117 100
82 67.3 55.0 82.6
119 32.2 25.9 38.9





#63

1,1,2,2-Tetrachloroethane

Concen: 0.027 ppbv m

RT: 9.979 min Scan# 3056

Delta R.T. -0.000 min

Lab File: VL042046.D

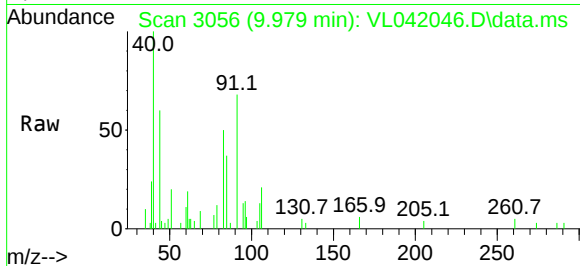
Acq: 25 Feb 2025 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

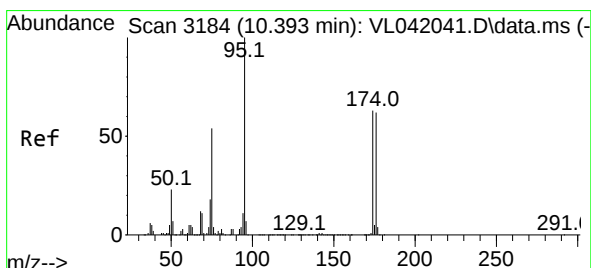
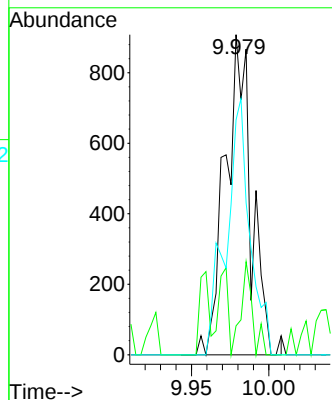
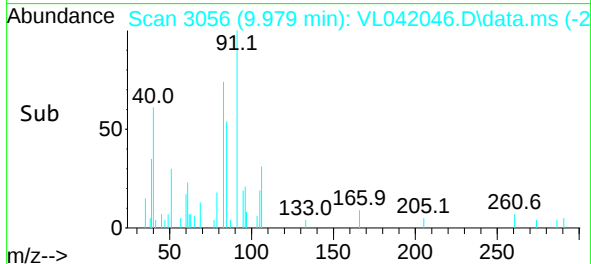


Tgt Ion:	83	Resp:	1058
Ion Ratio	Lower	Upper	
83	100		
131	0.0	4.5	13.7
85	0.0	32.1	96.3

Manual Integrations

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.368 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. -0.003 min

Lab File: VL042046.D

Acq: 25 Feb 2025 11:34

Tgt Ion:	95	Resp:	272906
Ion Ratio	Lower	Upper	
95	100		
174	63.3	51.8	77.6
175	4.5	3.9	5.9

