

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042466.D
 Acq On : 01 May 2025 14:10
 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 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

Quant Time: May 02 01:46:15 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M

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

QLast Update : Fri May 02 01:37:48 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.791	49	66546	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	186737	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	161050	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	148088	9.918	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.580	62	151	0.033	ppbv #	87
32) 1,1,1-Trichloroethane	3.370	97	595m	0.035	ppbv	
35) Carbon Tetrachloride	3.771	117	653m	0.040	ppbv	
38) Trichloroethene	4.551	130	135	0.020	ppbv #	40
52) Tetrachloroethene	8.231	164	285m	0.042	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.973	83	551m	0.038	ppbv	

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

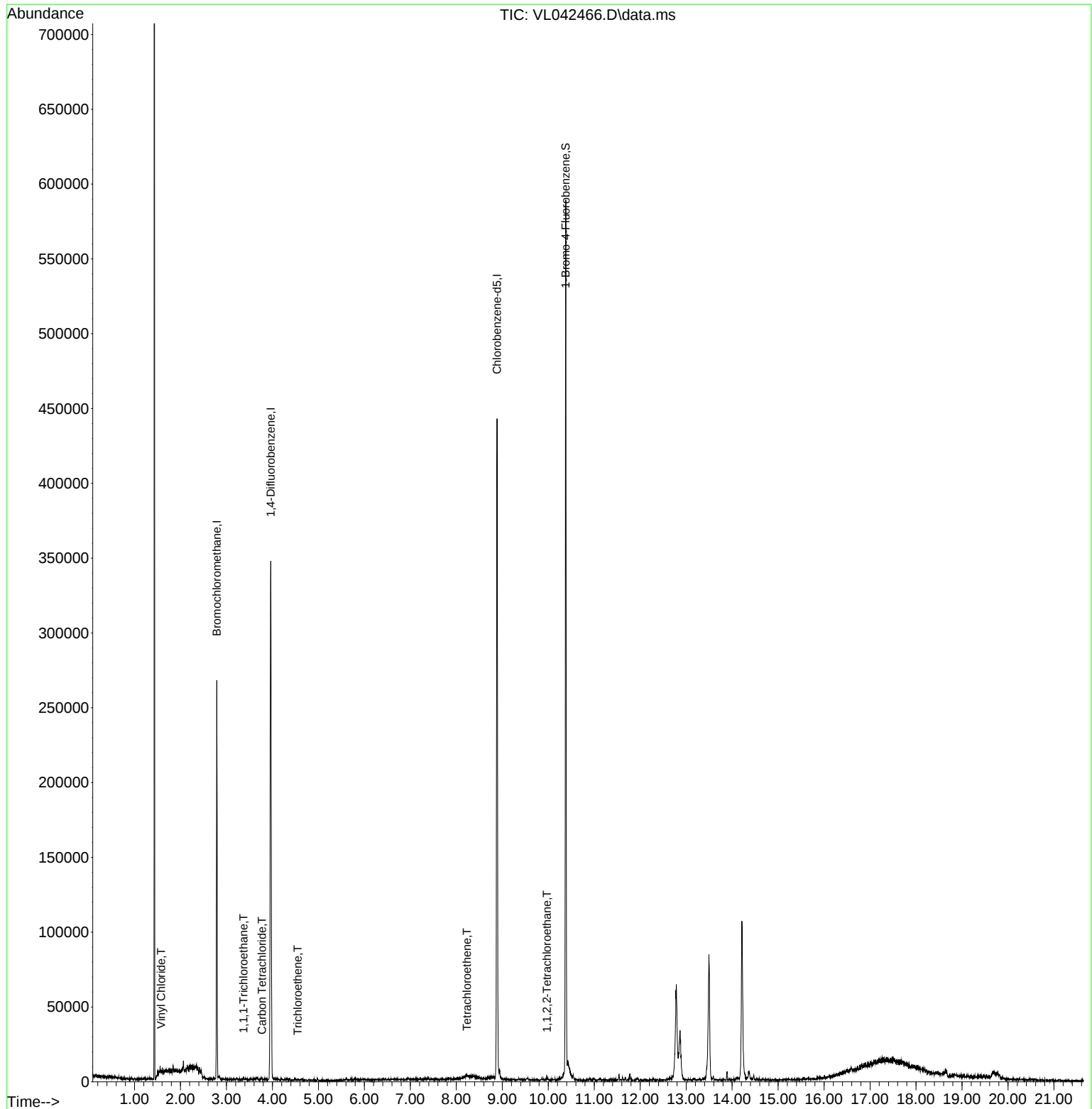
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
Data File : VL042466.D
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Operator : SY/MD
Sample : VSTDICC0.03
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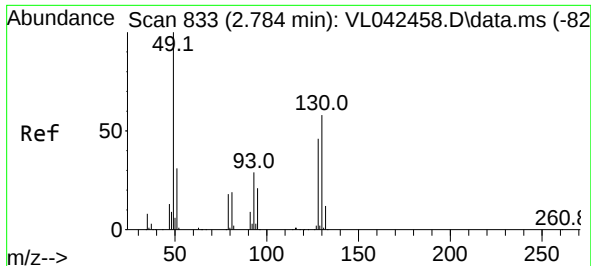
Instrument :
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ClientSampleId :
VSTDICC0.03

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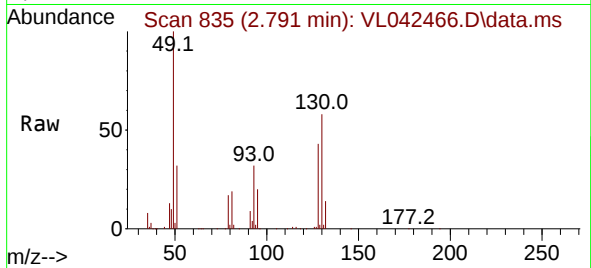
Quant Time: May 02 01:46:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri May 02 01:37:48 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.791 min Scan# 833
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

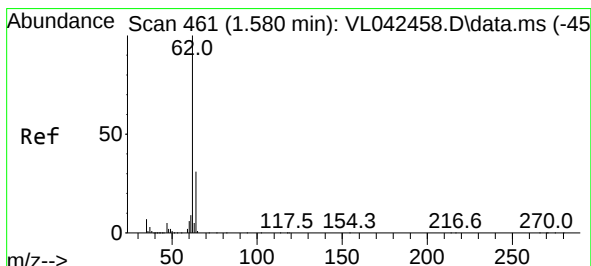
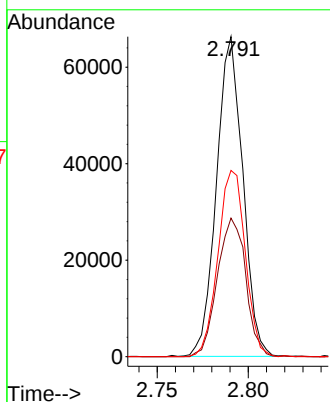
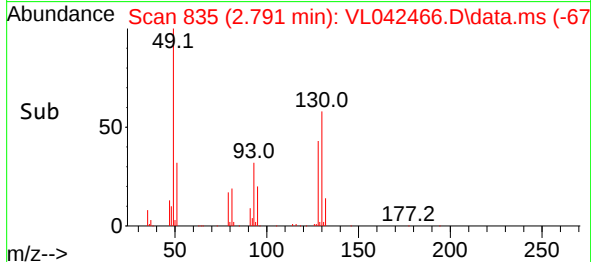
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 49 Resp: 66540
Ion Ratio Lower Upper
49 100
128 46.8 23.3 69.9
130 60.5 29.5 88.6

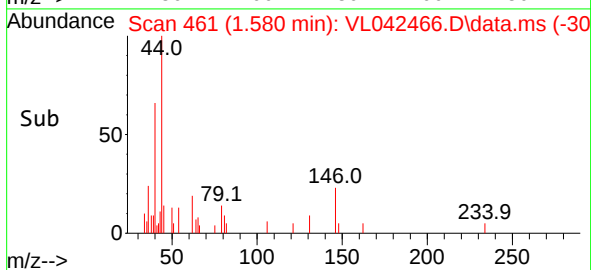
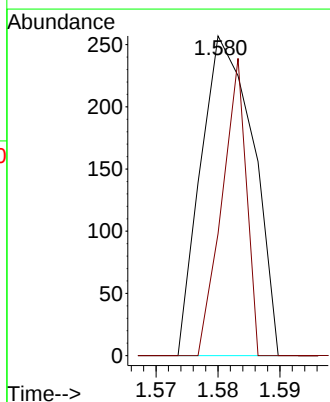
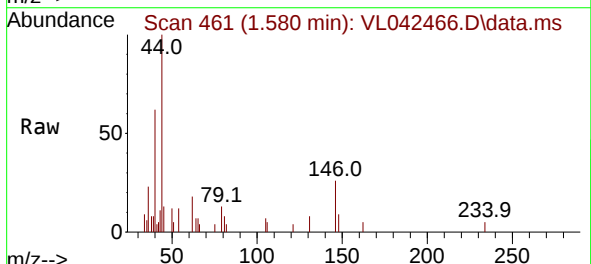
Manual Integrations
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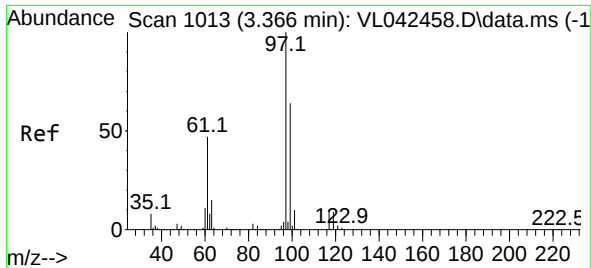
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#5
Vinyl Chloride
Concen: 0.033 ppbv
RT: 1.580 min Scan# 461
Delta R.T. 0.000 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

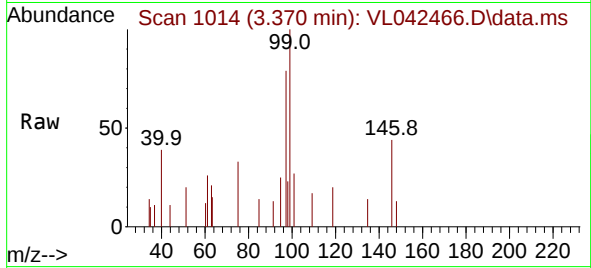
Tgt Ion: 62 Resp: 151
Ion Ratio Lower Upper
62 100
64 38.1 24.9 37.3#





#32
1,1,1-Trichloroethane
Concen: 0.035 ppbv m
RT: 3.370 min Scan# 1013
Delta R.T. 0.004 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

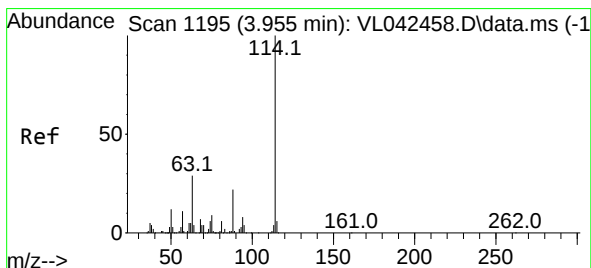
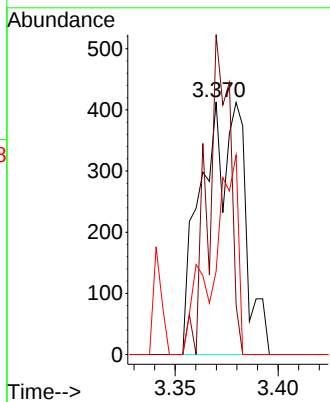
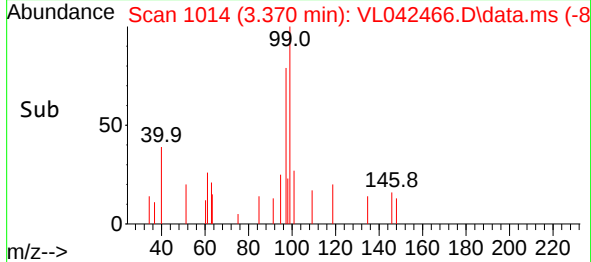
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



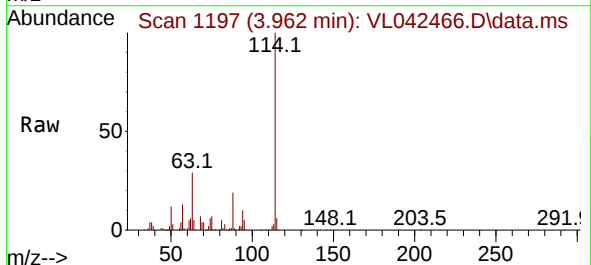
Tgt Ion: 97 Resp: 59
Ion Ratio Lower Upper
97 100
99 0.0 50.7 76.1
61 55.5 40.9 61.3

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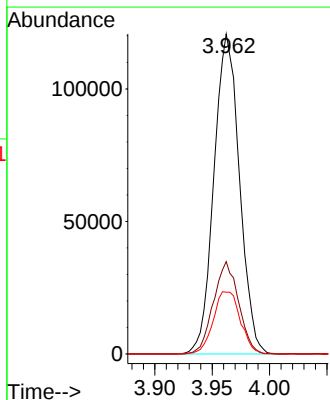
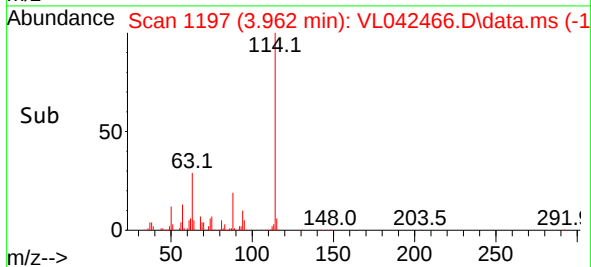
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

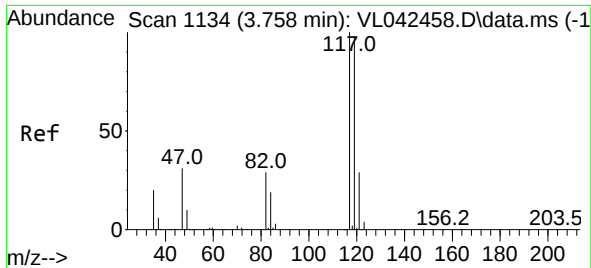


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10



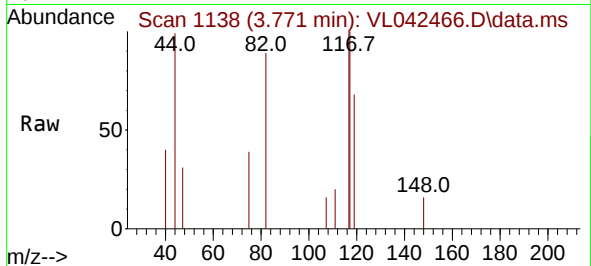
Tgt Ion:114 Resp: 186737
Ion Ratio Lower Upper
114 100
63 28.5 23.1 34.7
88 20.7 16.1 24.1





#35
Carbon Tetrachloride
Concen: 0.040 ppbv m
RT: 3.771 min Scan# 1138
Delta R.T. 0.013 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

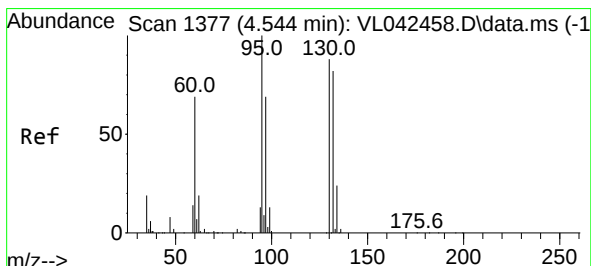
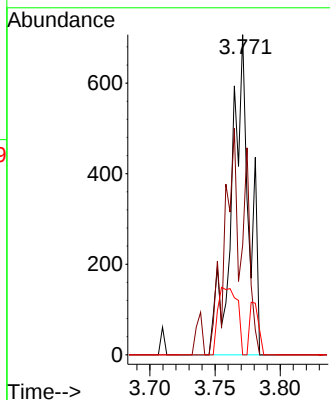
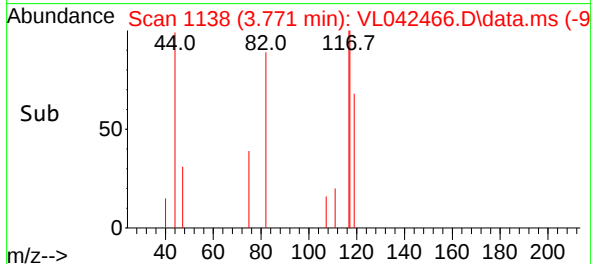
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:117 Resp: 65
Ion Ratio Lower Upper
117 100
119 68.4 78.1 117.1
121 0.0 23.0 34.6

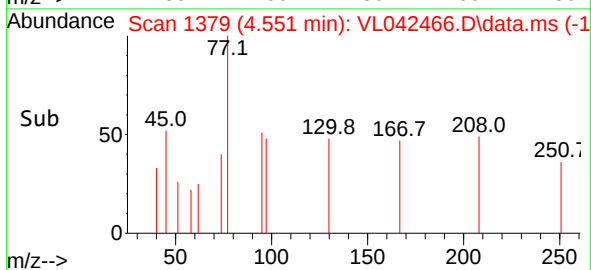
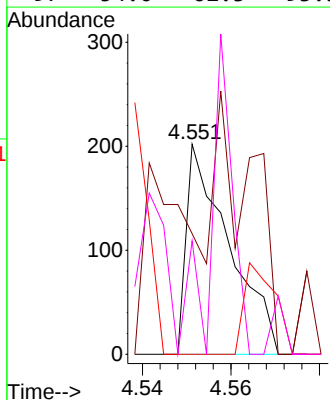
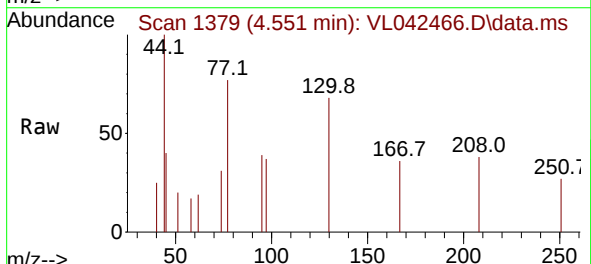
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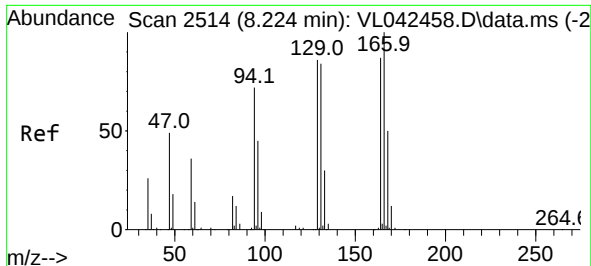
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#38
Trichloroethene
Concen: 0.020 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

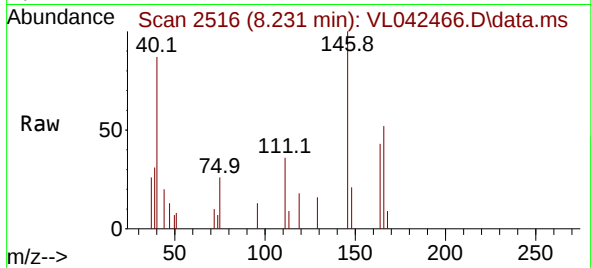
Tgt Ion:130 Resp: 135
Ion Ratio Lower Upper
130 100
95 57.4 91.0 136.4#
132 0.0 74.2 111.4#
97 54.0 62.3 93.5#





#52
Tetrachloroethene
Concen: 0.042 ppbv m
RT: 8.231 min Scan# 2514
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

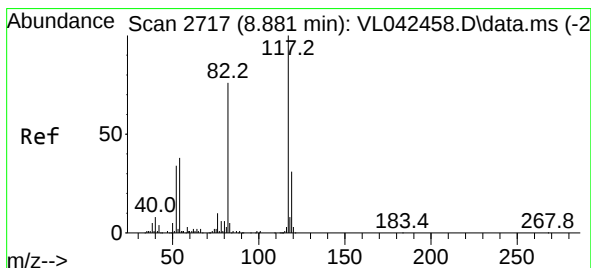
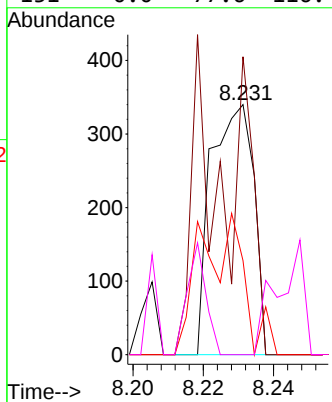
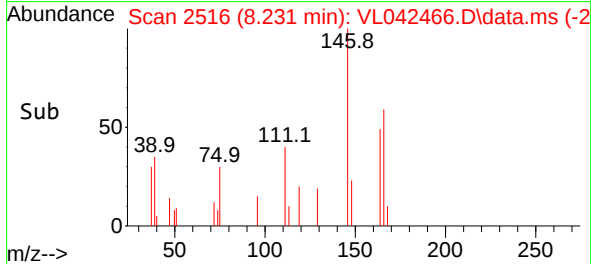
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:164 Resp: 285
Ion Ratio Lower Upper
164 100
166 119.1 91.6 137.4
129 37.6 79.0 118.4
131 0.0 77.6 116.4#

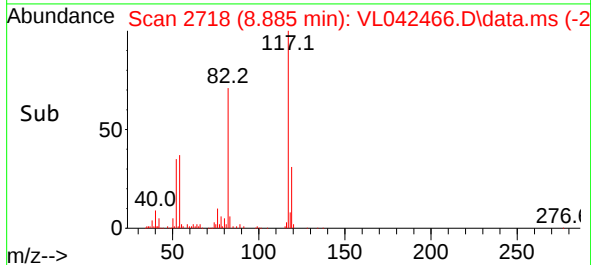
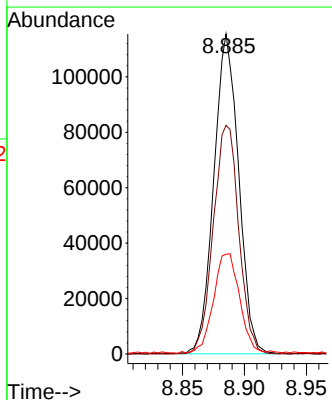
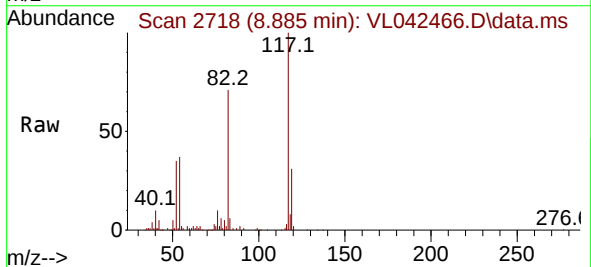
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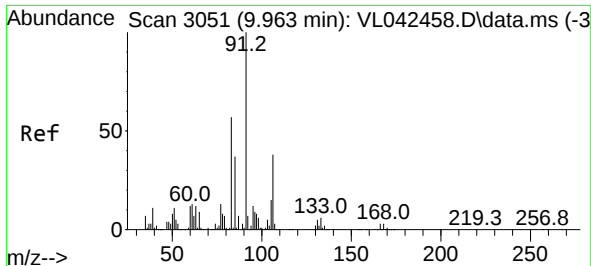
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. 0.004 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion:117 Resp: 161050
Ion Ratio Lower Upper
117 100
82 73.6 63.5 95.3
119 33.8 25.8 38.8





#63

1,1,2,2-Tetrachloroethane

Concen: 0.038 ppbv m

RT: 9.973 min Scan# 3051

Delta R.T. 0.010 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

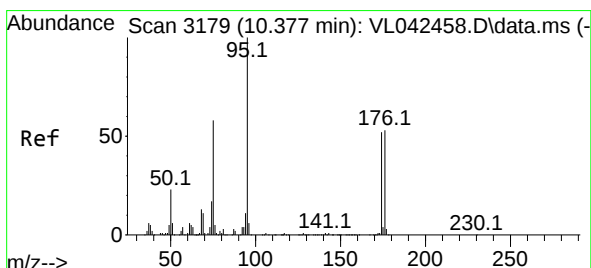
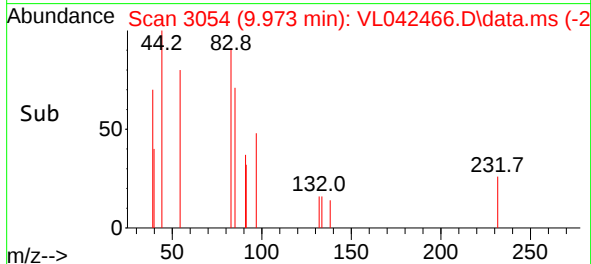
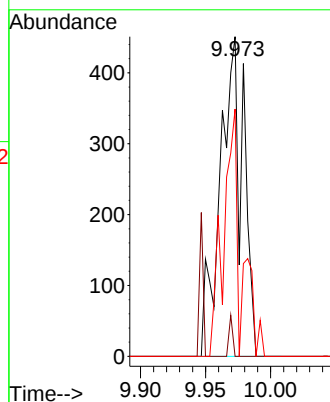
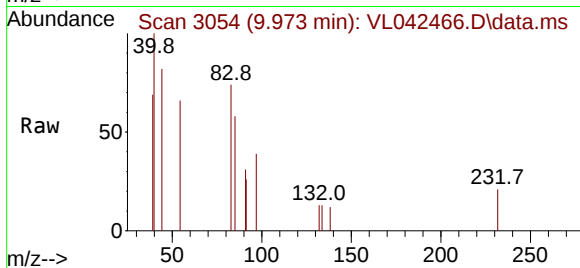
VSTDICC0.03

Tgt Ion:	83	Resp:	55
Ion Ratio	Lower	Upper	
83	100		
131	0.0	4.7	14.1
85	59.2	32.5	97.4

Manual Integrations

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.918 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.004 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Tgt Ion:	95	Resp:	148088
Ion Ratio	Lower	Upper	
95	100		
174	53.5	42.7	64.1
175	4.4	3.6	5.4

