

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041757.D
 Acq On : 16 Dec 2024 16:08
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: Dec 19 06:15:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 19 06:09:59 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Bromochloromethane	2.787	49	64158	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.958	114	174825	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	154998	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	128167	9.923	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.580	62	175	0.039	ppbv #	84
32) 1,1,1-Trichloroethane	3.369	97	427m	0.032	ppbv	
35) Carbon Tetrachloride	3.768	117	352m	0.028	ppbv	
38) Trichloroethene	4.551	130	289m	0.038	ppbv	
52) Tetrachloroethene	8.234	164	291m	0.043	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.969	83	455	0.032	ppbv #	96

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

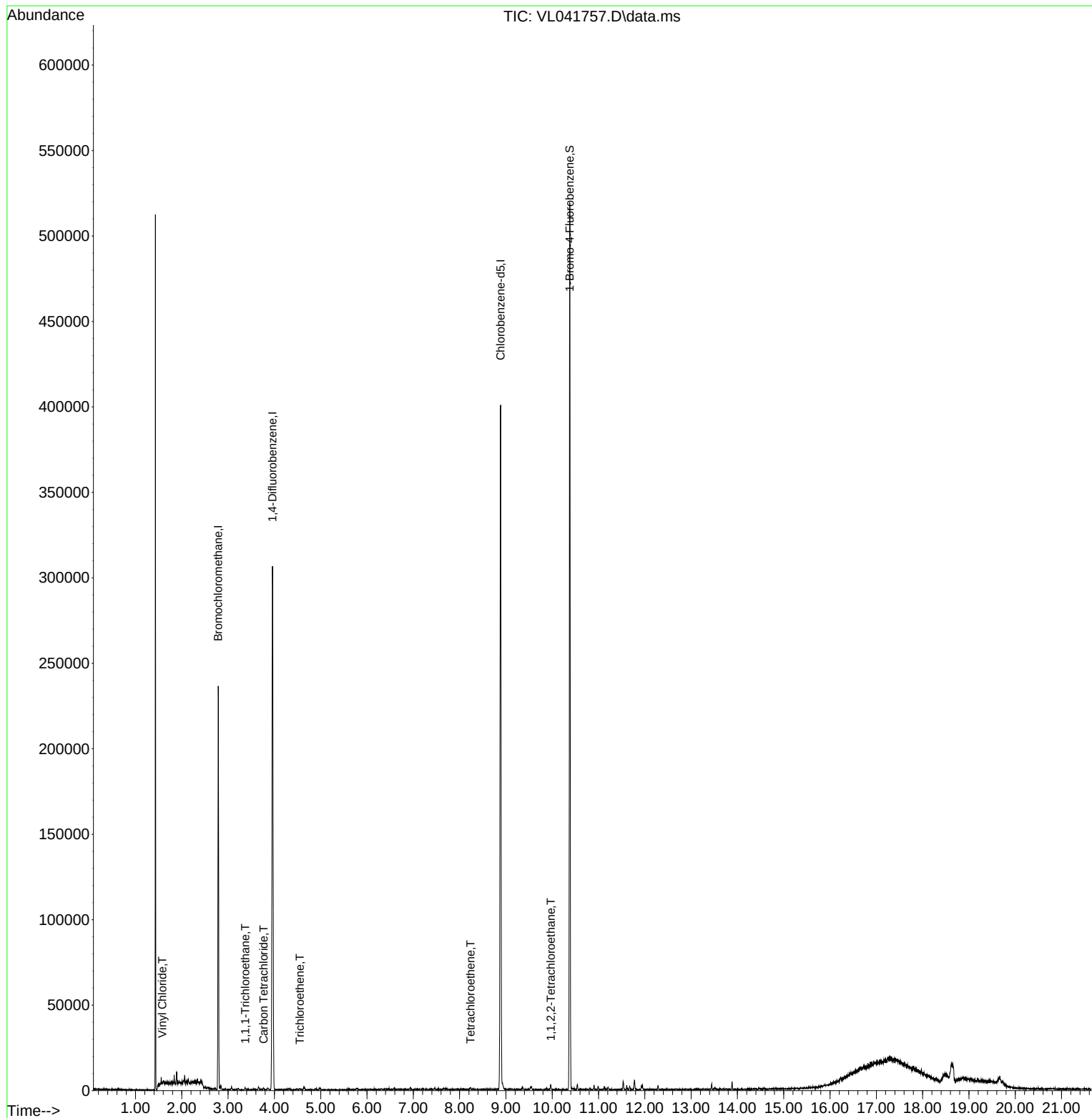
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
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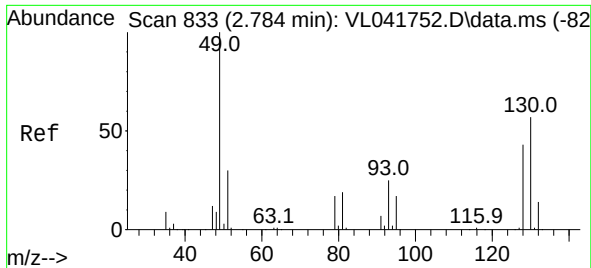
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Dec 19 06:15:54 2024
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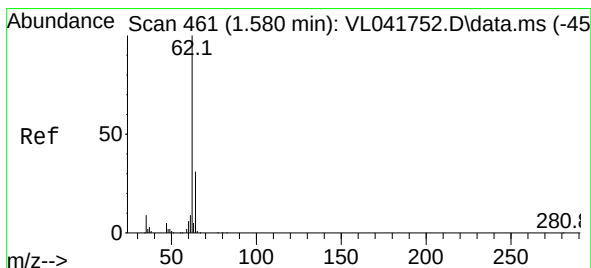
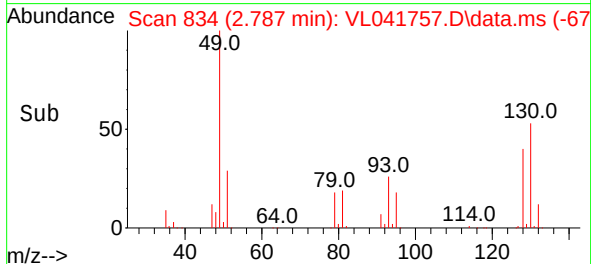
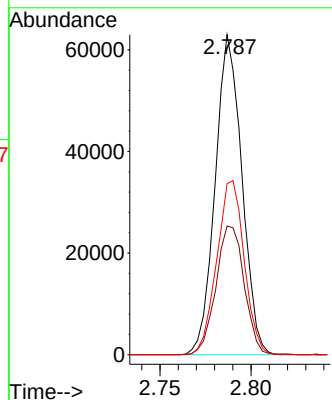
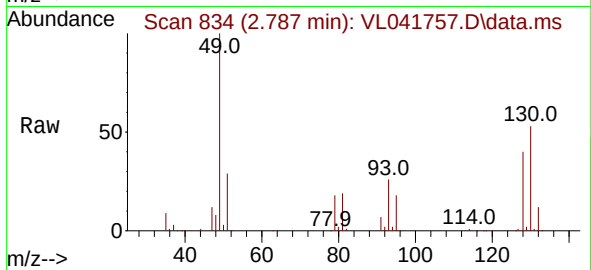
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 833
Delta R.T. 0.003 min
Lab File: VL041757.D
Acq: 16 Dec 2024 16:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 49 Resp: 64158
Ion Ratio Lower Upper
49 100
128 42.4 21.6 64.6
130 56.0 28.3 85.0

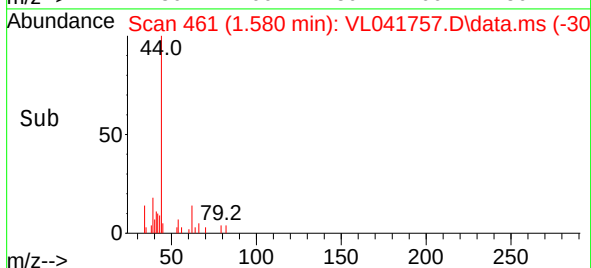
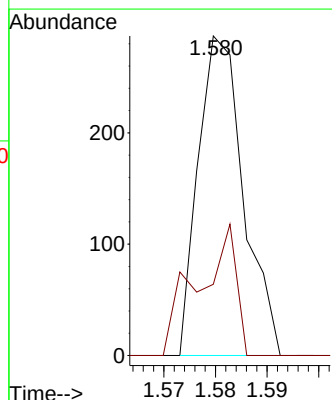
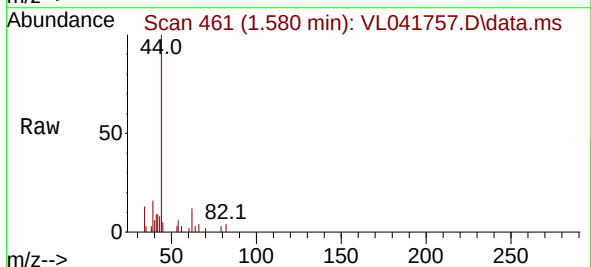
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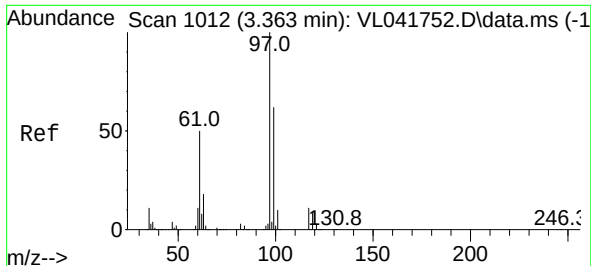
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#5
Vinyl Chloride
Concen: 0.039 ppbv
RT: 1.580 min Scan# 461
Delta R.T. -0.000 min
Lab File: VL041757.D
Acq: 16 Dec 2024 16:08

Tgt Ion: 62 Resp: 175
Ion Ratio Lower Upper
62 100
64 22.3 25.1 37.7#





#32

1,1,1-Trichloroethane

Concen: 0.032 ppbv m

RT: 3.369 min Scan# 1012

Delta R.T. 0.006 min

Lab File: VL041757.D

Acq: 16 Dec 2024 16:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

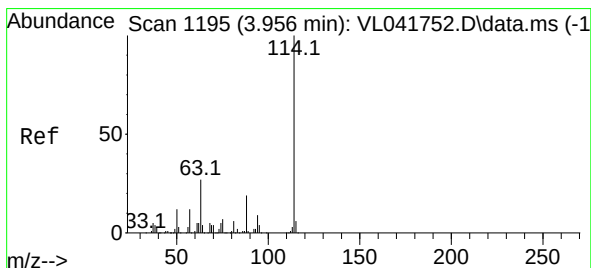
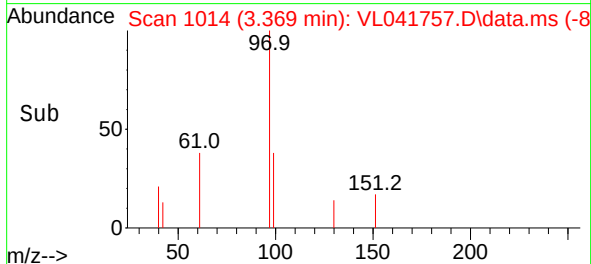
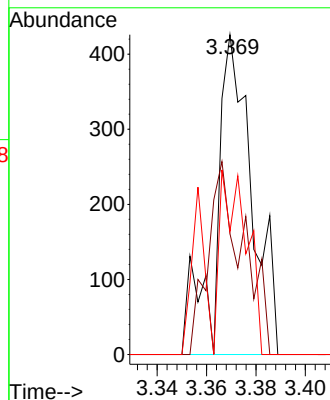
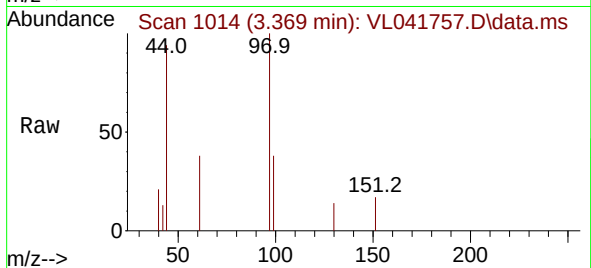
Tgt Ion: 97	Resp: 42
Ion Ratio	Lower Upper
97 100	
99 59.5	51.0 76.4
61 62.1	42.2 63.2

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

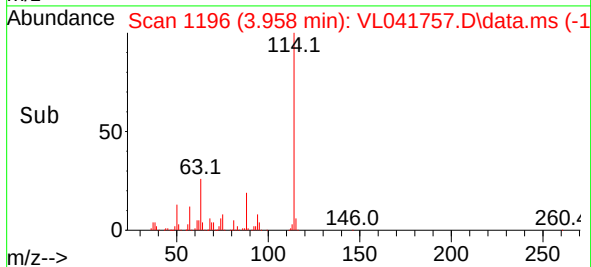
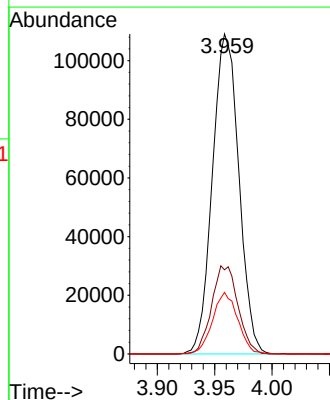
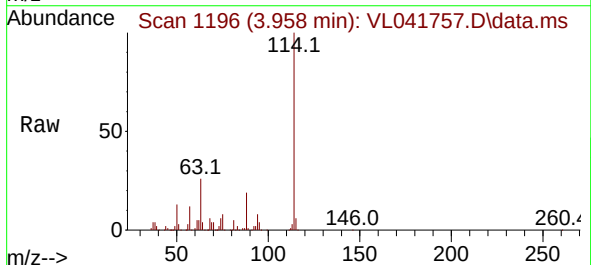
RT: 3.958 min Scan# 1196

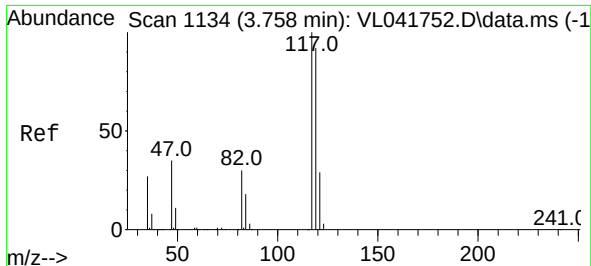
Delta R.T. 0.003 min

Lab File: VL041757.D

Acq: 16 Dec 2024 16:08

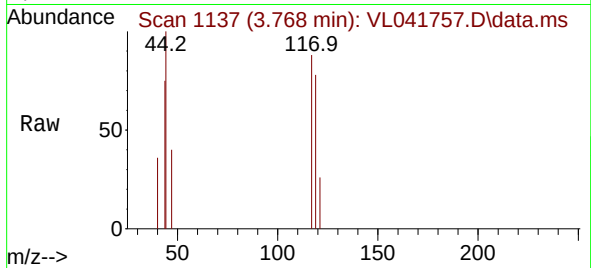
Tgt	Ion:114	Resp:	174825
Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.8	32.8
88	18.4	14.8	22.2





#35
Carbon Tetrachloride
Concen: 0.028 ppbv m
RT: 3.768 min Scan# 1134
Delta R.T. 0.009 min
Lab File: VL041757.D
Acq: 16 Dec 2024 16:08

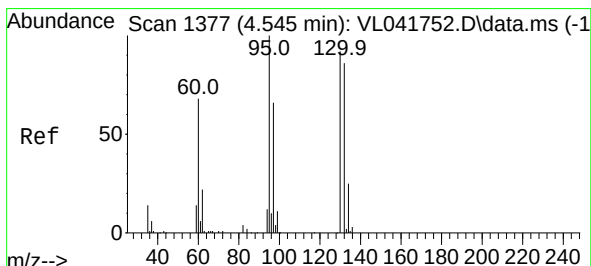
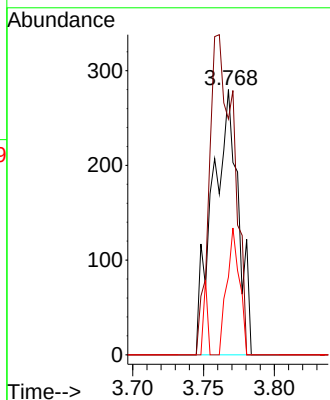
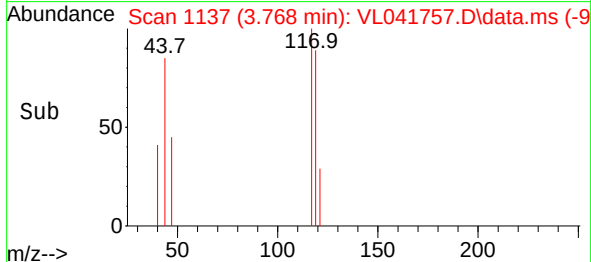
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:117 Resp: 352
Ion Ratio Lower Upper
117 100
119 88.9 73.7 110.5
121 29.3 23.0 34.4

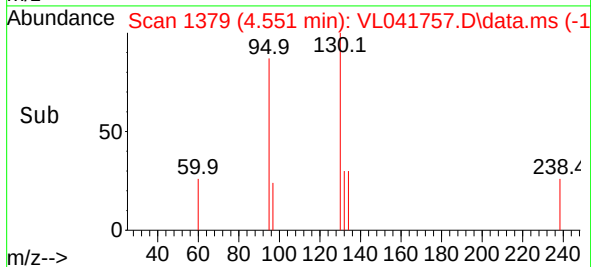
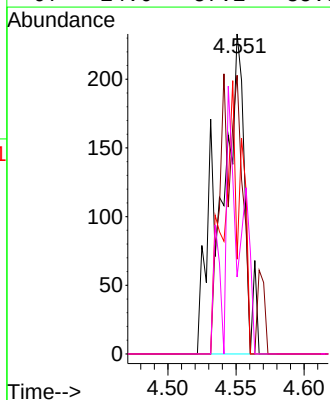
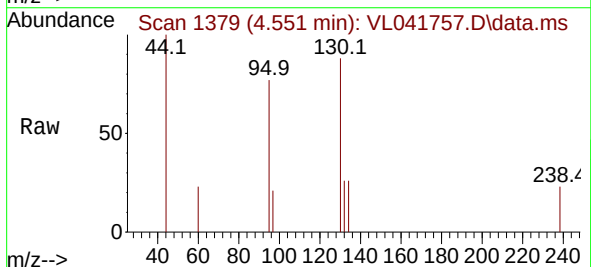
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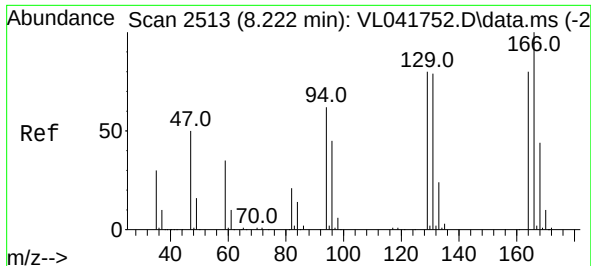
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Trichloroethene
Concen: 0.038 ppbv m
RT: 4.551 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VL041757.D
Acq: 16 Dec 2024 16:08

Tgt Ion:130 Resp: 289
Ion Ratio Lower Upper
130 100
95 87.1 87.0 130.6
132 29.6 75.0 112.6#
97 24.0 57.2 85.8#





#52

Tetrachloroethene

Concen: 0.043 ppbv

RT: 8.234 min Scan# 2513

Delta R.T. 0.012 min

Lab File: VL041757.D

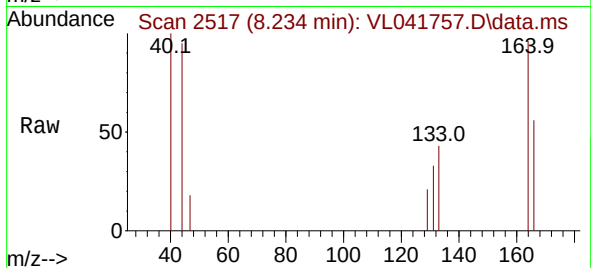
Acq: 16 Dec 2024 16:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

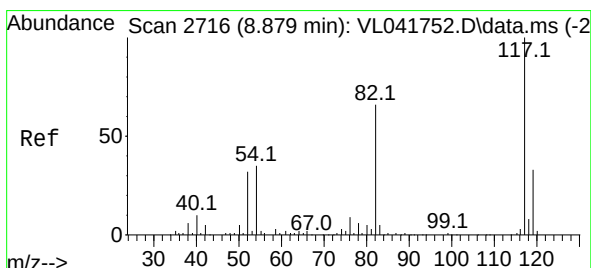
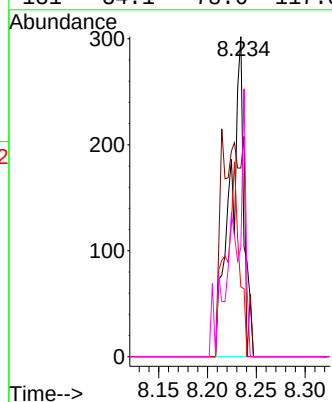


Tgt Ion:164	Resp:	291
Ion	Ratio	Lower Upper
164	100	
166	58.9	99.8 149.6
129	21.9	79.6 119.4
131	34.1	78.6 117.8

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

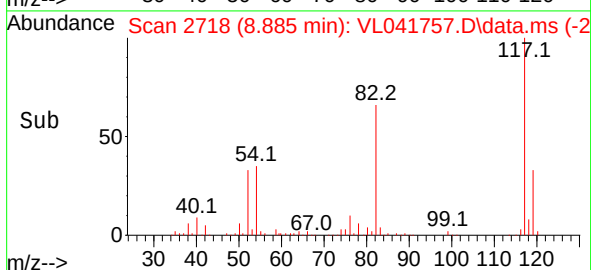
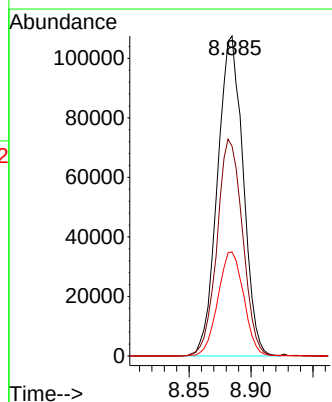
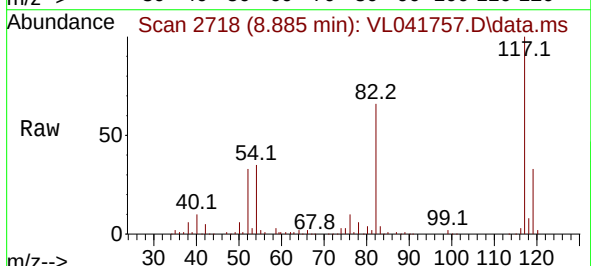
RT: 8.885 min Scan# 2718

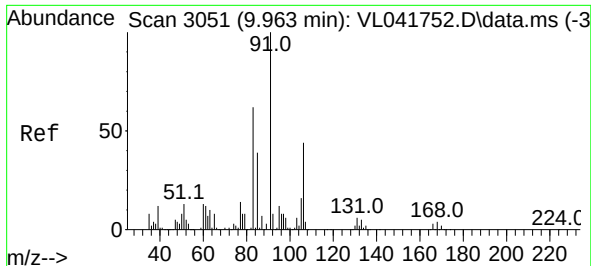
Delta R.T. 0.006 min

Lab File: VL041757.D

Acq: 16 Dec 2024 16:08

Tgt Ion:117	Resp:	154998
Ion	Ratio	Lower Upper
117	100	
82	67.6	53.8 80.8
119	32.9	26.7 40.1





#63

1,1,2,2-Tetrachloroethane

Concen: 0.032 ppbv

RT: 9.969 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VL041757.D

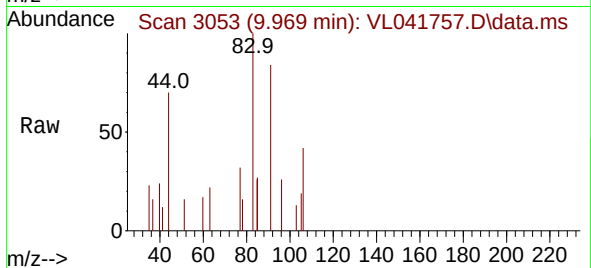
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Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

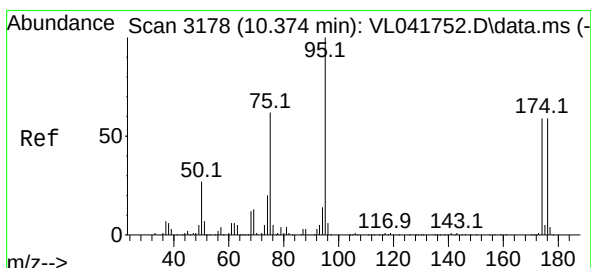
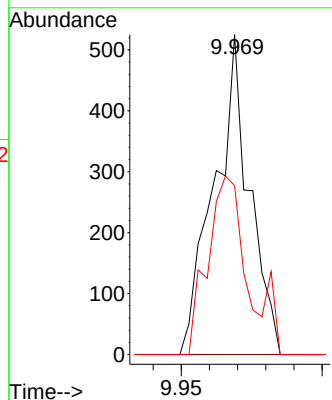
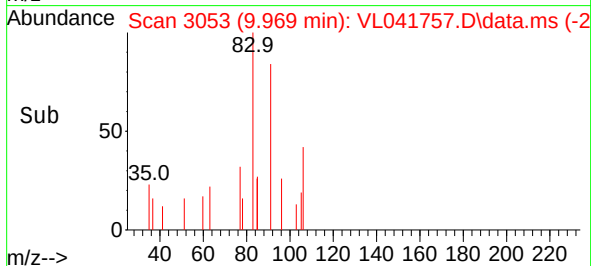


Tgt Ion:	83	Resp:	45
Ion Ratio	Lower	Upper	
83	100		
131	0.0	4.9	14.7
85	63.5	32.0	96.2

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Supervised By :Mahesh Dadoda 12/20/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 9.923 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. 0.003 min

Lab File: VL041757.D

Acq: 16 Dec 2024 16:08

Tgt Ion:	95	Resp:	128167
Ion Ratio	Lower	Upper	
95	100		
174	59.8	47.6	71.4
175	4.7	3.7	5.5

