

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041767.D
 Acq On : 16 Dec 2024 23:55
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 03:34:33 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 07:32:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	56547	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	151595	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.891	117	132362	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.386	95	106669	9.671	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.700%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.586	62	171m	0.043	ppbv	
32) 1,1,1-Trichloroethane	3.376	97	355	0.030	ppbv #	83
35) Carbon Tetrachloride	3.780	117	330m	0.031	ppbv	
38) Trichloroethene	4.554	130	132m	0.020	ppbv	
52) Tetrachloroethene	8.228	164	228m	0.039	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.966	83	410m	0.034	ppbv	

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

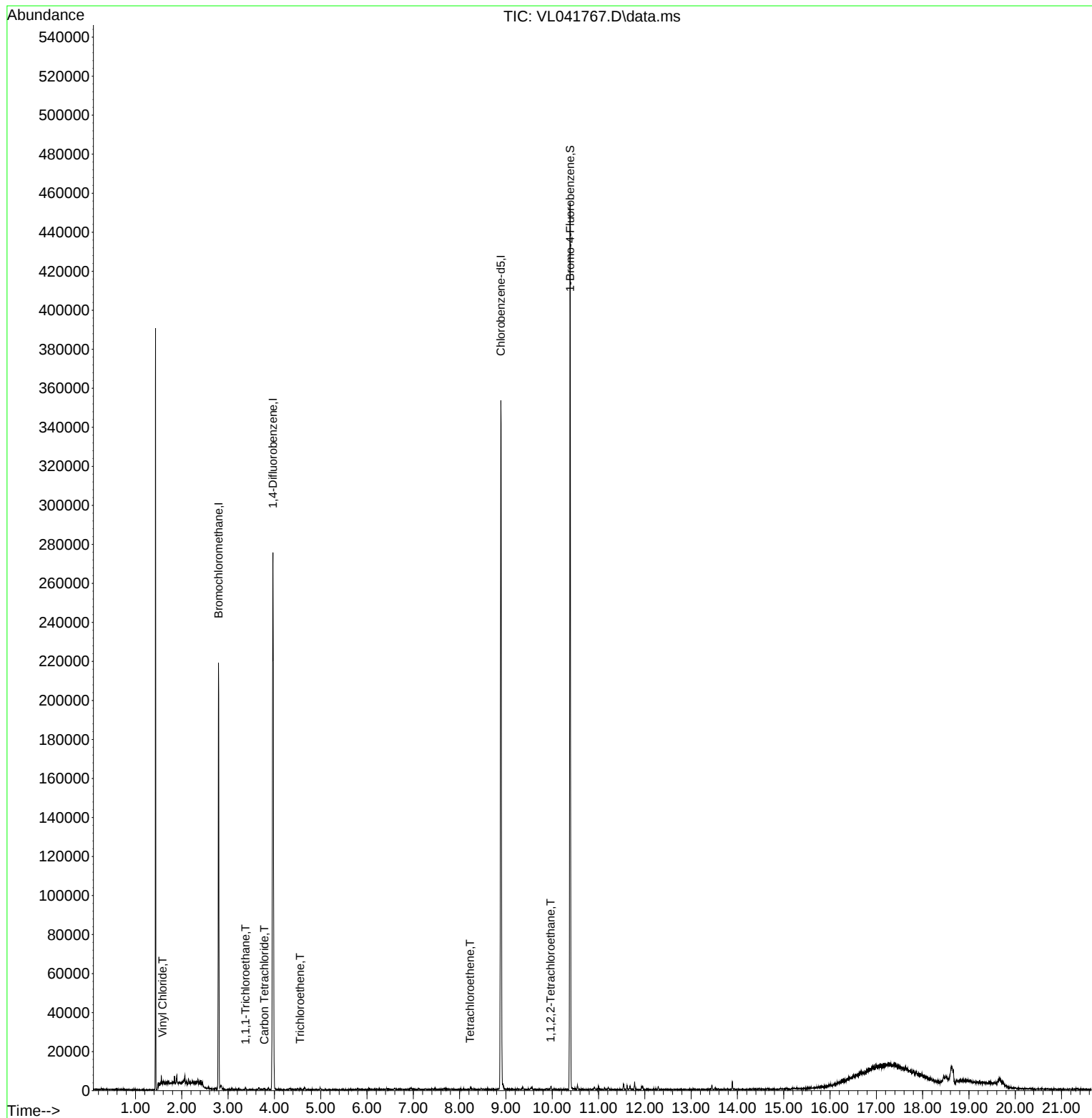
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
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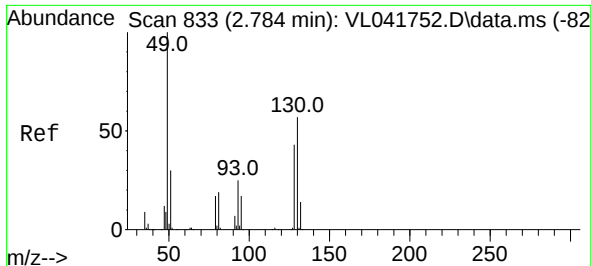
Instrument :
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ClientSampleId :
MDL 0.03

Quant Time: Dec 20 03:34:33 2024
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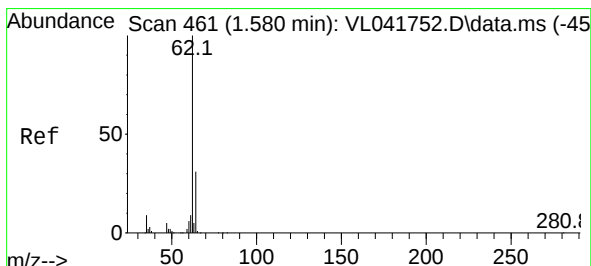
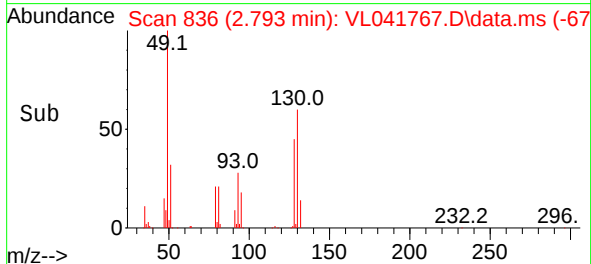
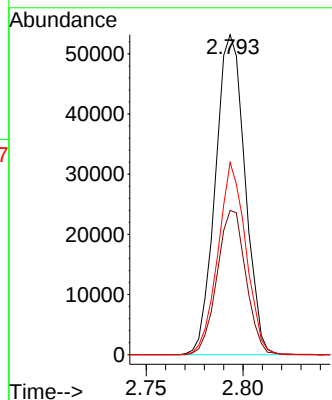
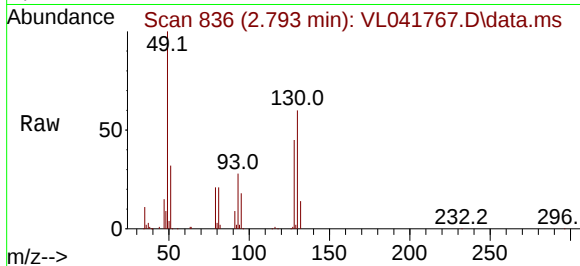
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 833
Delta R.T. 0.009 min
Lab File: VL041767.D
Acq: 16 Dec 2024 23:55

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Tgt Ion: 49 Resp: 5654
Ion Ratio Lower Upper
49 100
128 43.9 21.6 64.6
130 56.8 28.3 85.0

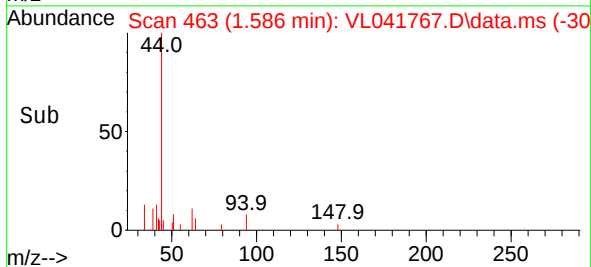
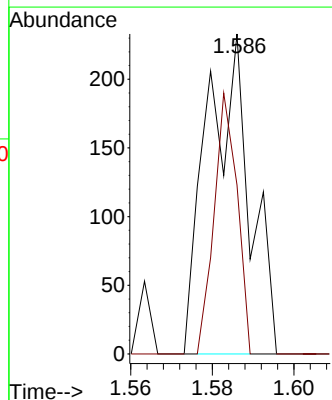
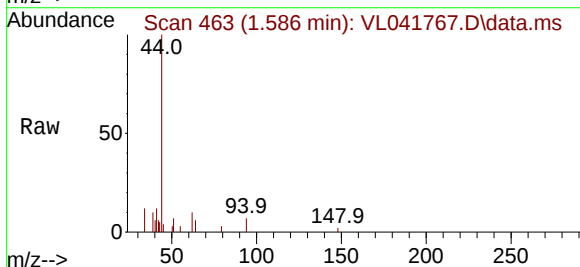
Manual Integrations
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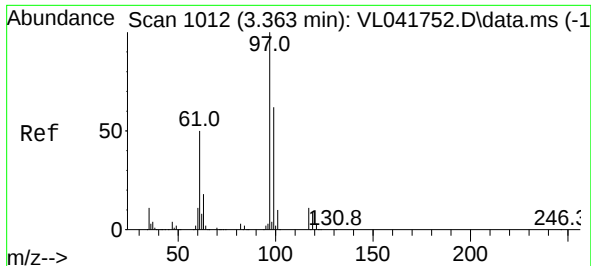
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#5
Vinyl Chloride
Concen: 0.043 ppbv m
RT: 1.586 min Scan# 463
Delta R.T. 0.006 min
Lab File: VL041767.D
Acq: 16 Dec 2024 23:55

Tgt Ion: 62 Resp: 171
Ion Ratio Lower Upper
62 100
64 52.8 25.1 37.7#





#32

1,1,1-Trichloroethane

Concen: 0.030 ppbv

RT: 3.376 min Scan# 110

Delta R.T. 0.012 min

Lab File: VL041767.D

Acq: 16 Dec 2024 23:55

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

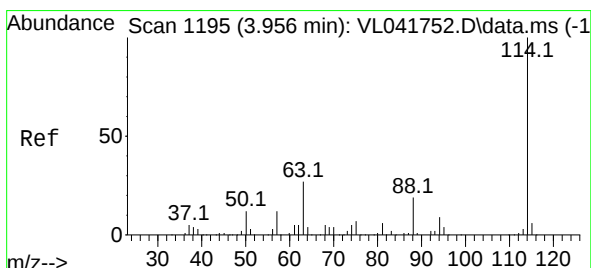
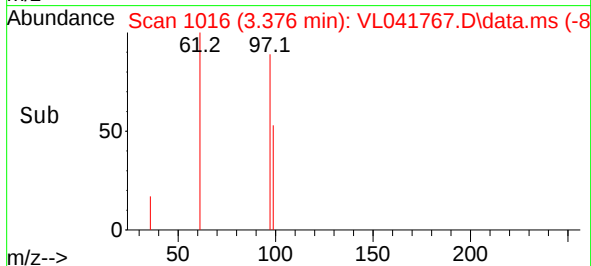
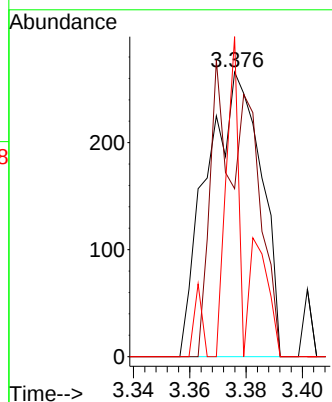
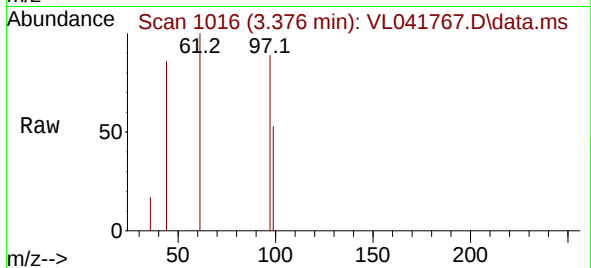
Tgt Ion: 97 Resp: 35

Ion	Ratio	Lower	Upper
97	100		
99	76.1	51.0	76.4
61	39.4	42.2	63.2

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

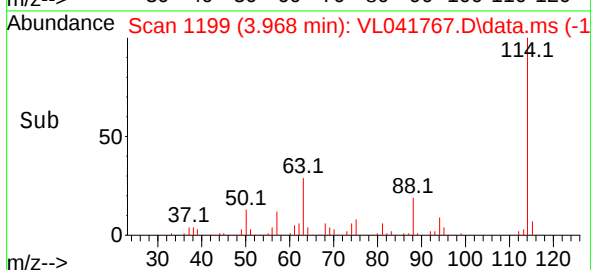
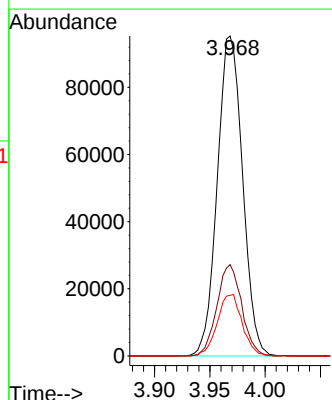
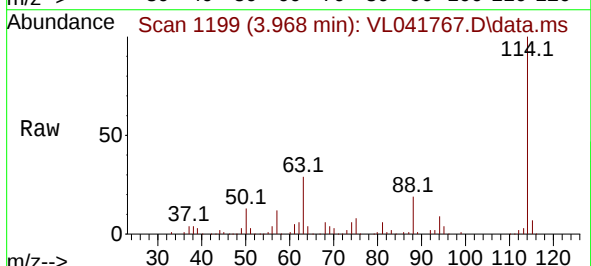
Delta R.T. 0.012 min

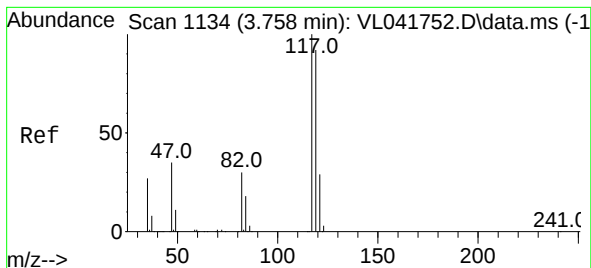
Lab File: VL041767.D

Acq: 16 Dec 2024 23:55

Tgt Ion:114 Resp: 151595

Ion	Ratio	Lower	Upper
114	100		
63	28.0	21.8	32.8
88	18.9	14.8	22.2





#35

Carbon Tetrachloride

Concen: 0.031 ppbv m

RT: 3.780 min Scan# 1134

Delta R.T. 0.022 min

Lab File: VL041767.D

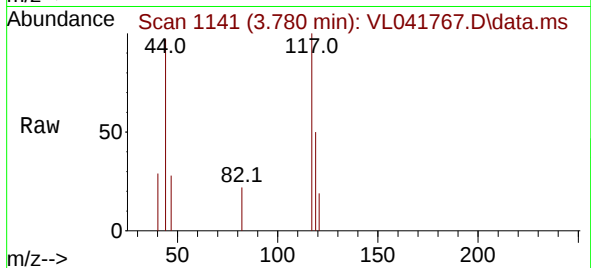
Acq: 16 Dec 2024 23:55

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03



Tgt Ion:117 Resp: 330

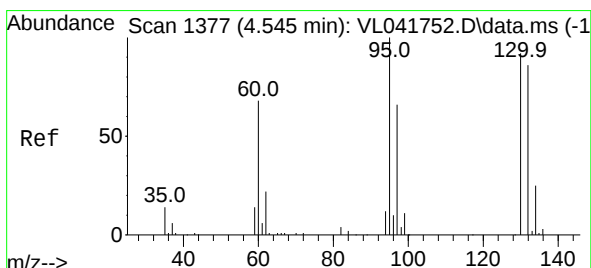
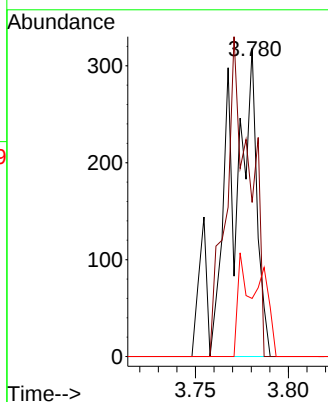
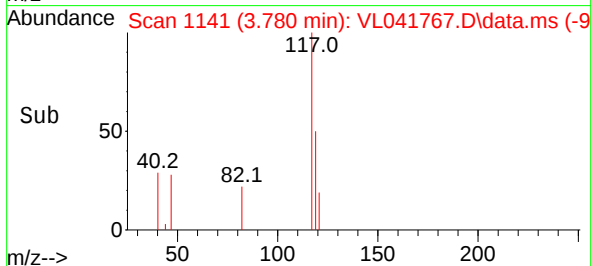
Ion	Ratio	Lower	Upper
117	100		
119	50.0	73.7	110.5
121	18.9	23.0	34.4

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Supervised By :Mahesh Dadoda 12/20/2024



#38

Trichloroethene

Concen: 0.020 ppbv m

RT: 4.554 min Scan# 1380

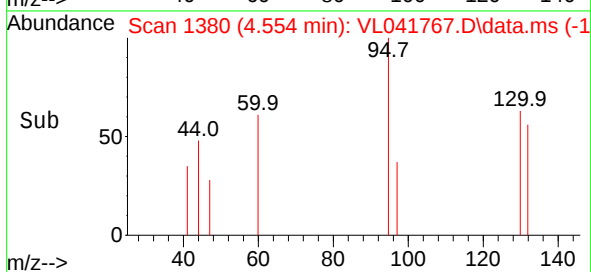
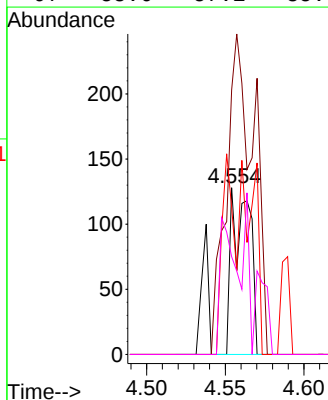
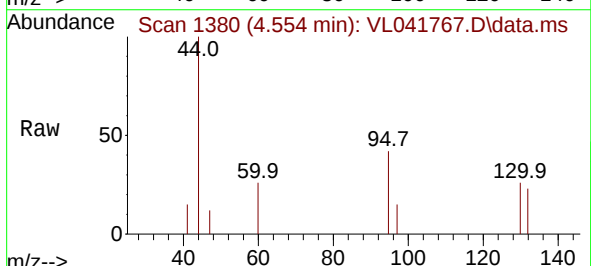
Delta R.T. 0.009 min

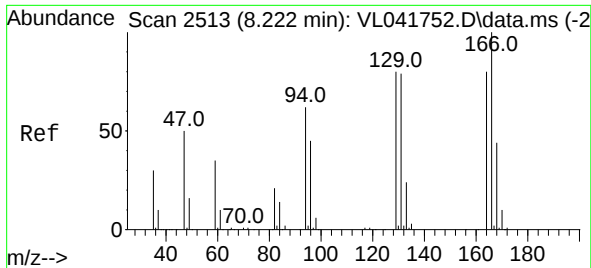
Lab File: VL041767.D

Acq: 16 Dec 2024 23:55

Tgt Ion:130 Resp: 132

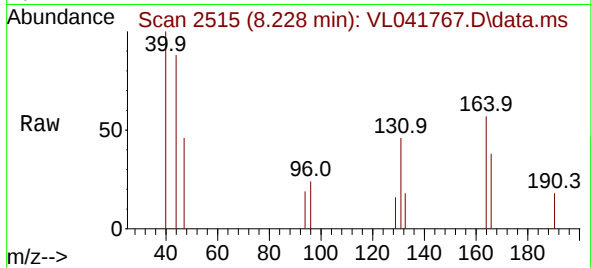
Ion	Ratio	Lower	Upper
130	100		
95	158.6	87.0	130.6
132	88.3	75.0	112.6
97	58.6	57.2	85.8





#52
Tetrachloroethene
Concen: 0.039 ppbv m
RT: 8.228 min Scan# 2513
Delta R.T. 0.006 min
Lab File: VL041767.D
Acq: 16 Dec 2024 23:55

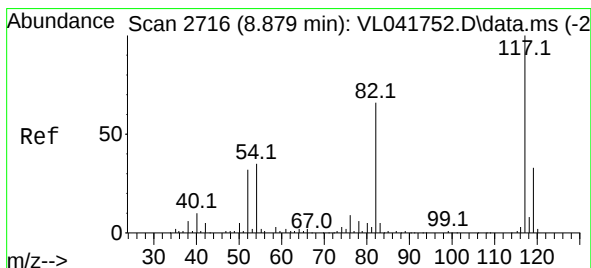
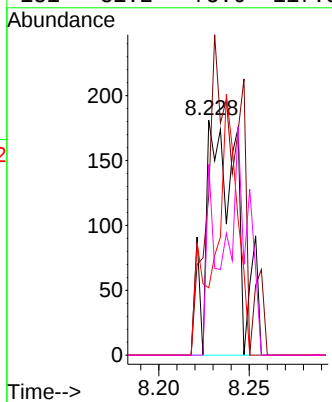
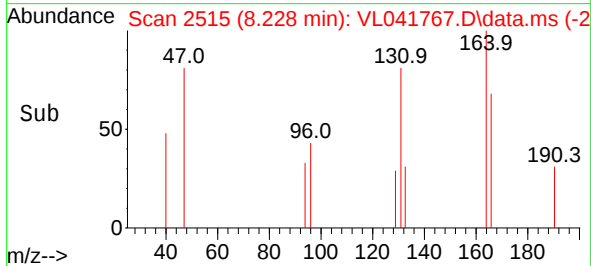
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



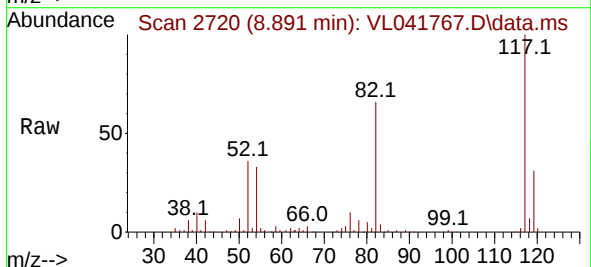
Tgt Ion:164 Resp: 228
Ion Ratio Lower Upper
164 100
166 68.0 99.8 149.6
129 28.7 79.6 119.4
131 81.2 78.6 117.8

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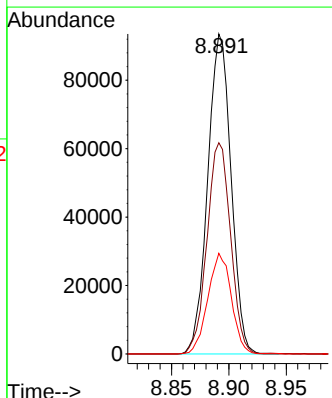
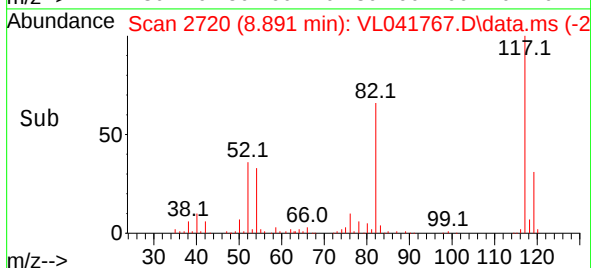
Reviewed By :Semsettin Yesilyurt 12/20/2024
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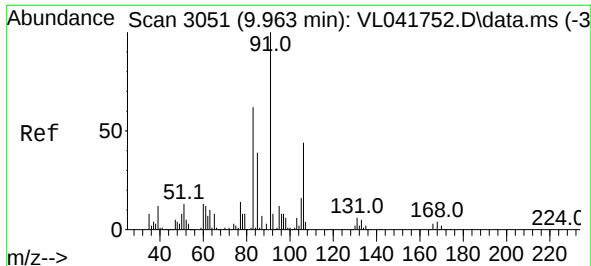


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2720
Delta R.T. 0.012 min
Lab File: VL041767.D
Acq: 16 Dec 2024 23:55



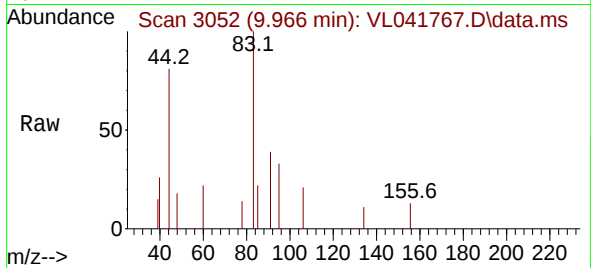
Tgt Ion:117 Resp: 132362
Ion Ratio Lower Upper
117 100
82 66.7 53.8 80.8
119 31.7 26.7 40.1





#63
1,1,2,2-Tetrachloroethane
Concen: 0.034 ppbv m
RT: 9.966 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VL041767.D
Acq: 16 Dec 2024 23:55

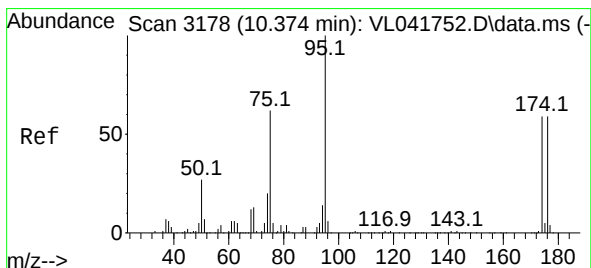
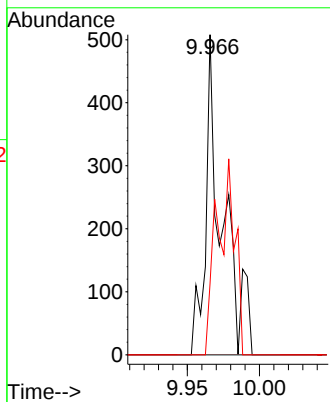
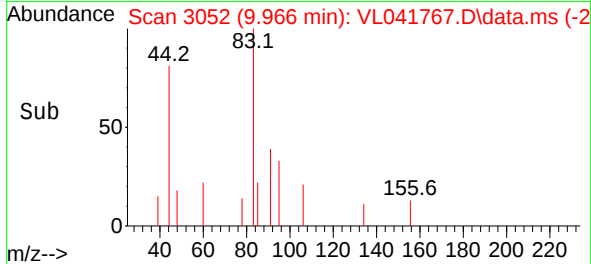
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 83 Resp: 410
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7
85 65.4 32.0 96.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.671 ppbv
RT: 10.386 min Scan# 3182
Delta R.T. 0.012 min
Lab File: VL041767.D
Acq: 16 Dec 2024 23:55

Tgt Ion: 95 Resp: 106669
Ion Ratio Lower Upper
95 100
174 59.5 47.6 71.4
175 4.9 3.7 5.5

