

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
Data File : VL041766.D
Acq On : 16 Dec 2024 23:24
Operator : SY/MD
Sample : MDL 0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Quant Time: Dec 20 03:33:46 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

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	57684	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	154535	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	133684	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	110900	9.955	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.580	62	115	0.028	ppbv #	82
32) 1,1,1-Trichloroethane	3.373	97	400m	0.033	ppbv	
35) Carbon Tetrachloride	3.761	117	308m	0.028	ppbv	
38) Trichloroethene	4.558	130	208m	0.031	ppbv	
52) Tetrachloroethene	8.234	164	172m	0.029	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.972	83	427m	0.035	ppbv	

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

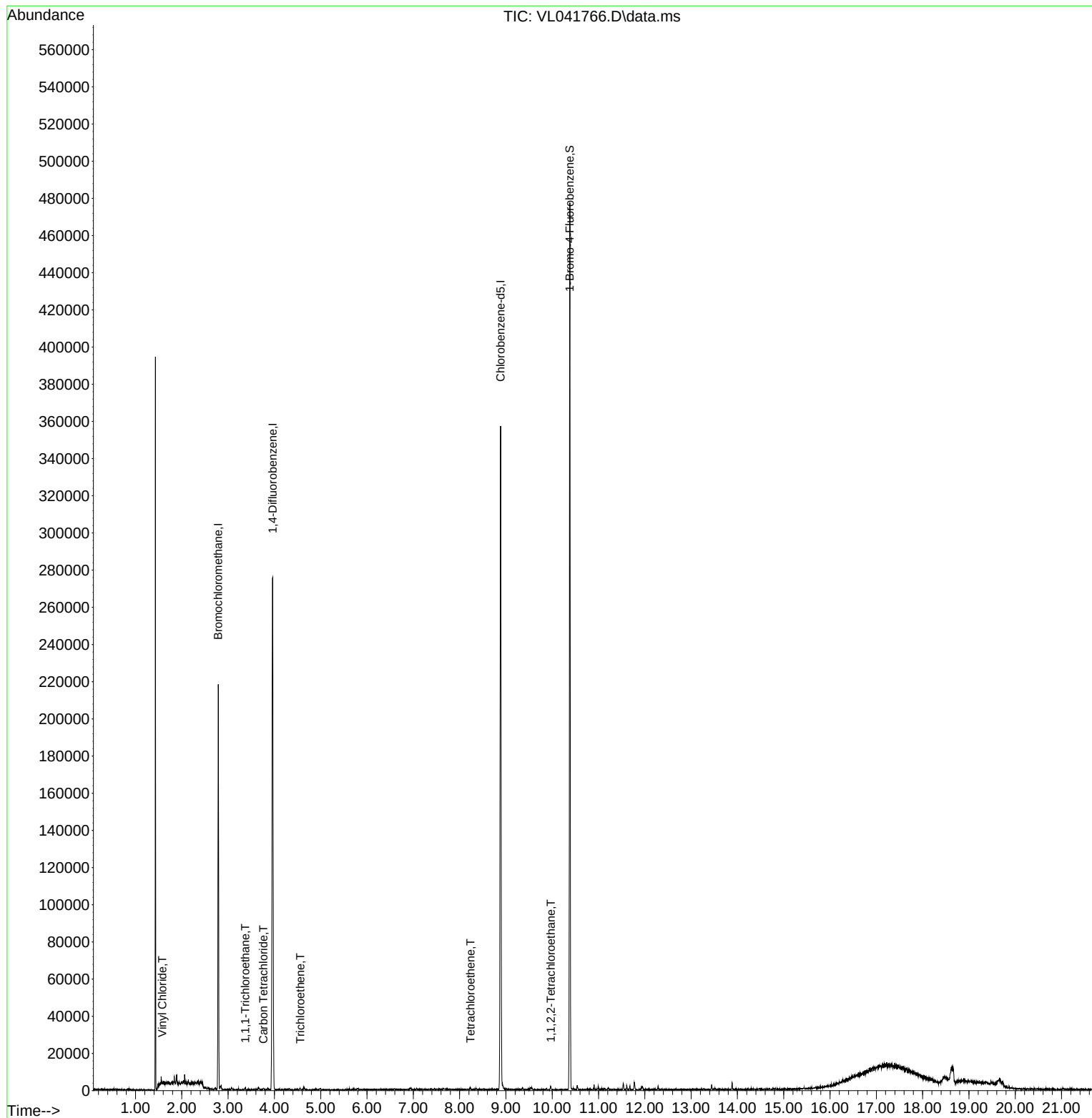
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
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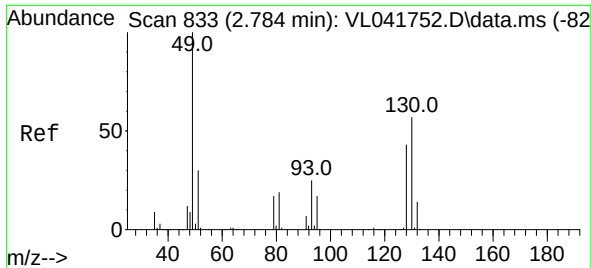
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Quant Time: Dec 20 03:33:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
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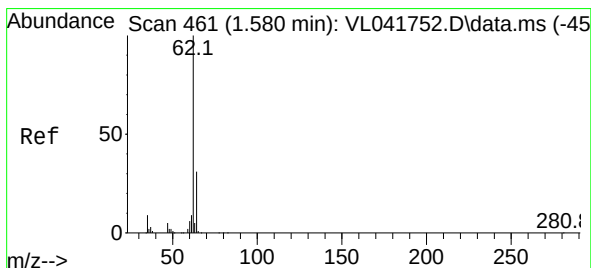
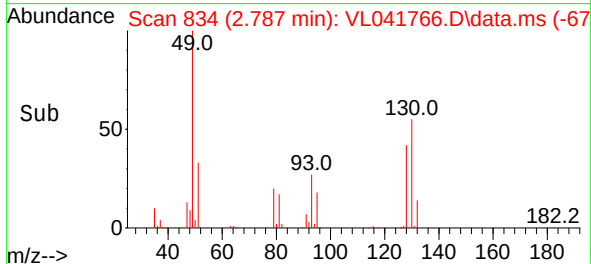
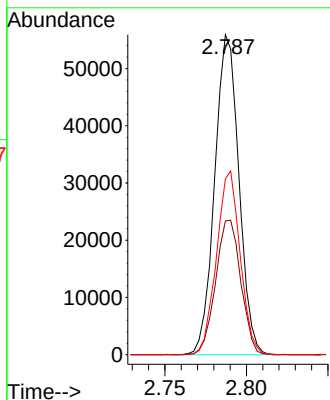
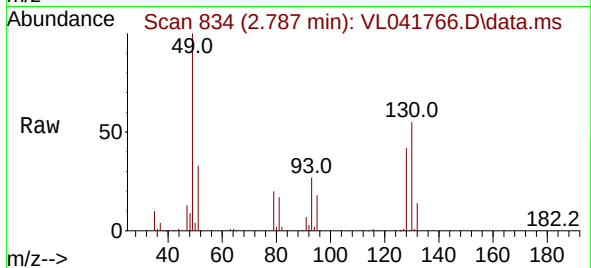
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 833
Delta R.T. 0.003 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Tgt Ion: 49 Resp: 57684
Ion Ratio Lower Upper
49 100
128 43.6 21.6 64.6
130 56.0 28.3 85.0

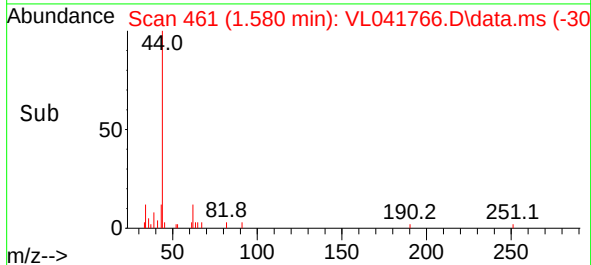
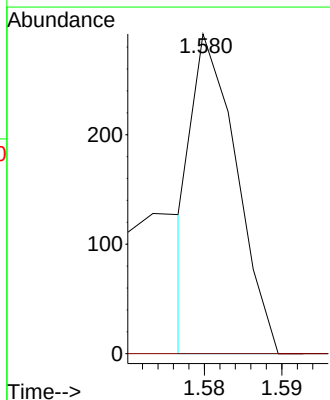
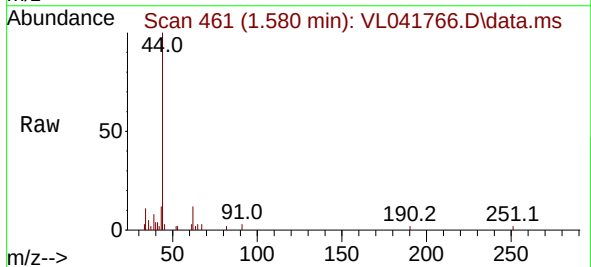
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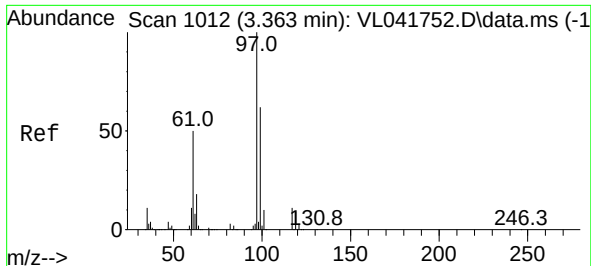
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#5
Vinyl Chloride
Concen: 0.028 ppbv
RT: 1.580 min Scan# 461
Delta R.T. -0.000 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

Tgt Ion: 62 Resp: 115
Ion Ratio Lower Upper
62 100
64 21.6 25.1 37.7#





#32

1,1,1-Trichloroethane

Concen: 0.033 ppbv m

RT: 3.373 min Scan# 1015

Delta R.T. 0.010 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

Tgt Ion: 97 Resp: 400

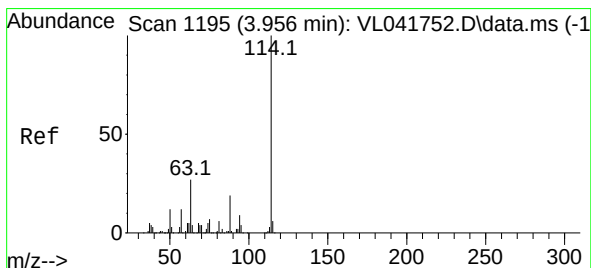
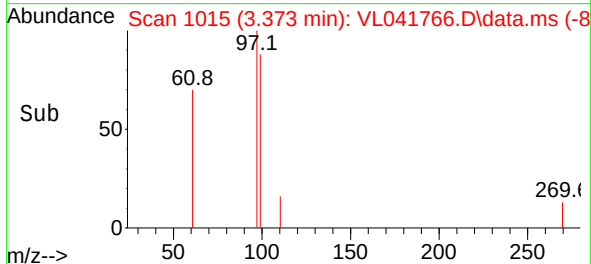
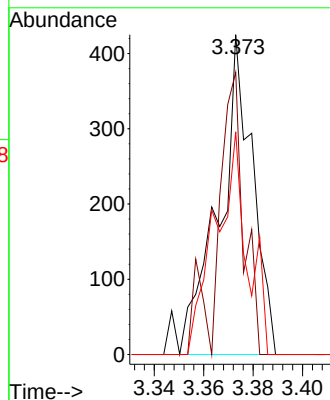
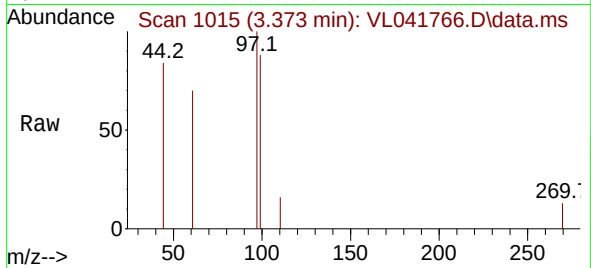
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.0	76.4
61	0.0	42.2	63.2

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

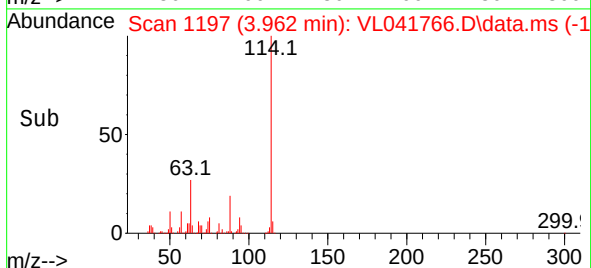
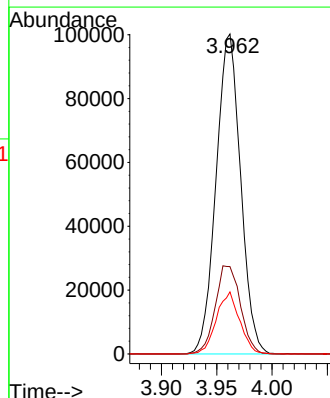
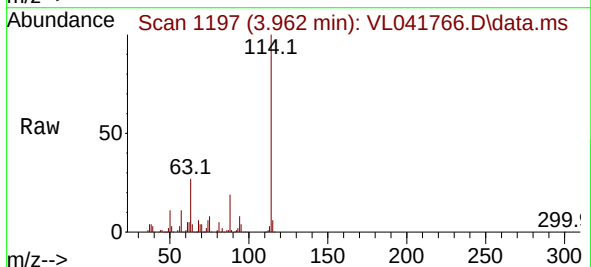
Delta R.T. 0.006 min

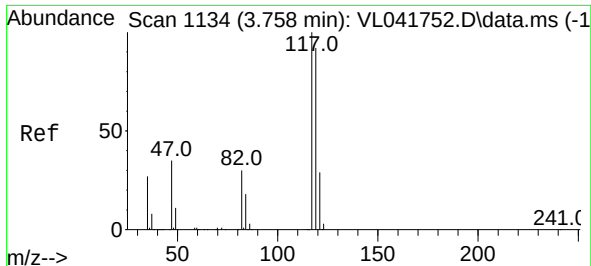
Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Tgt Ion:114 Resp: 154535

Ion	Ratio	Lower	Upper
114	100		
63	28.3	21.8	32.8
88	18.4	14.8	22.2





#35

Carbon Tetrachloride

Concen: 0.028 ppbv m

RT: 3.761 min Scan# 1135

Delta R.T. 0.003 min

Lab File: VL041766.D

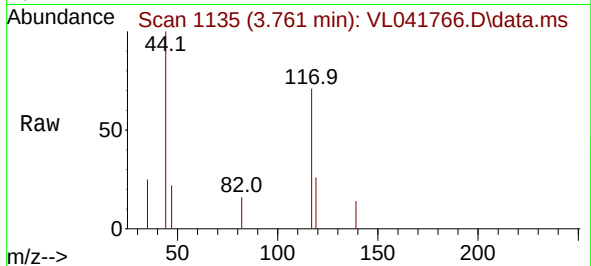
Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

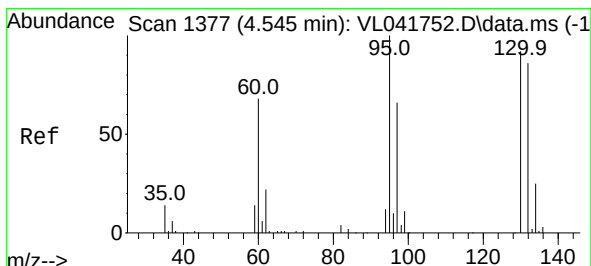
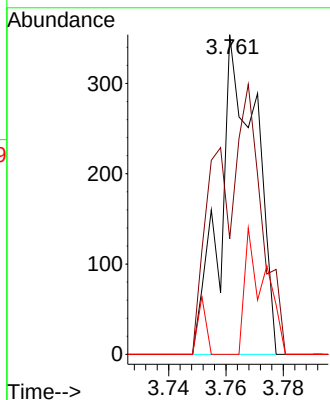
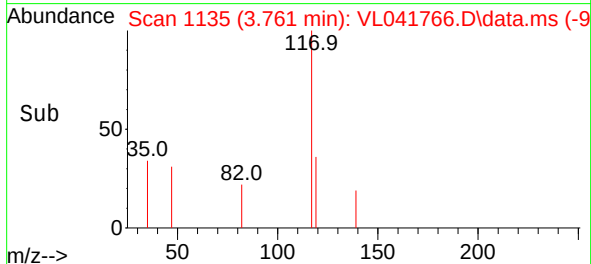


Tgt Ion:117	Resp:	308
Ion Ratio	Lower	Upper
117	100	
119	36.2	73.7 110.5#
121	0.0	23.0 34.4#

Manual Integrations

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Supervised By :Mahesh Dadoda 12/20/2024



#38

Trichloroethene

Concen: 0.031 ppbv m

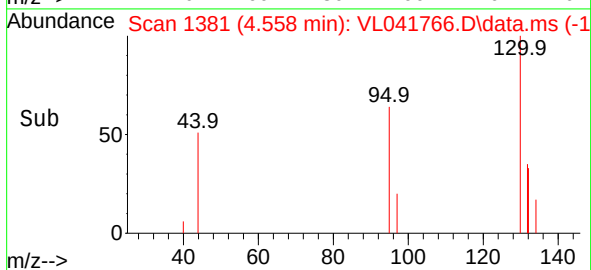
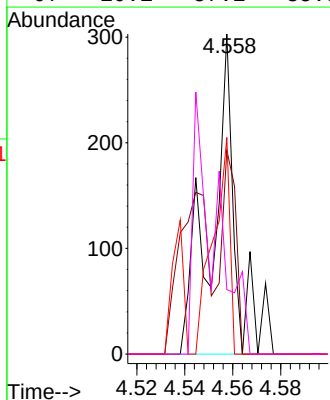
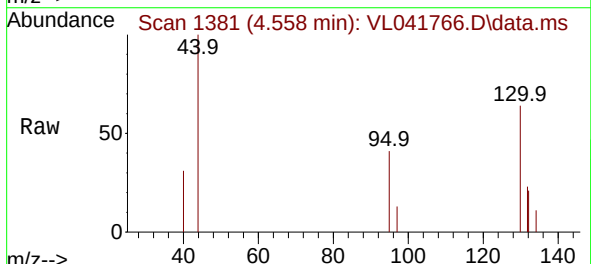
RT: 4.558 min Scan# 1381

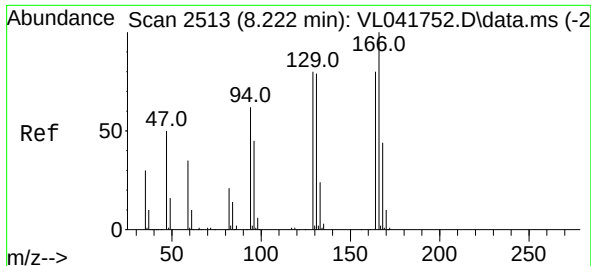
Delta R.T. 0.013 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

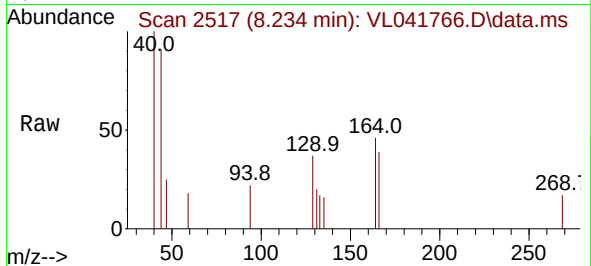
Tgt Ion:130	Resp:	208
Ion Ratio	Lower	Upper
130	100	
95	63.7	87.0 130.6#
132	35.0	75.0 112.6#
97	20.1	57.2 85.8#





#52
Tetrachloroethene
Concen: 0.029 ppbv m
RT: 8.234 min Scan# 2513
Delta R.T. 0.013 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

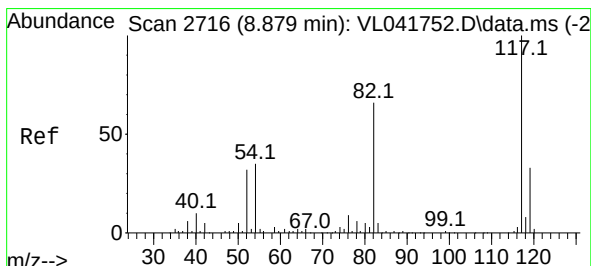
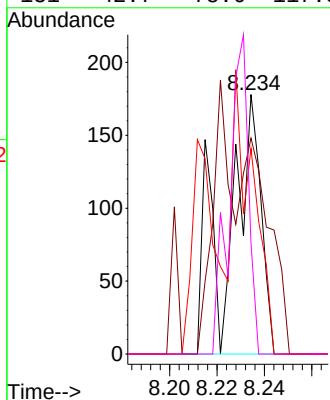
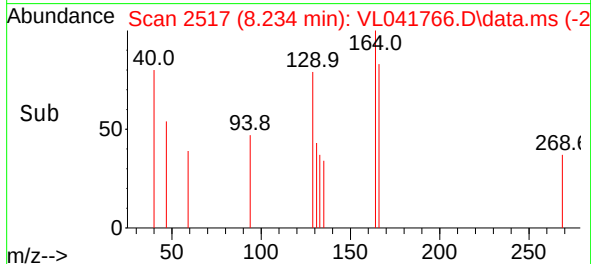
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion:164 Resp: 172
Ion Ratio Lower Upper
164 100
166 83.1 99.8 149.6
129 79.2 79.6 119.4
131 42.7 78.6 117.8

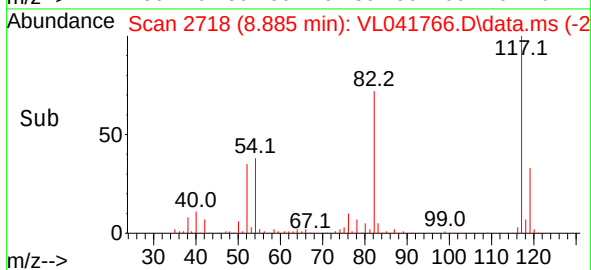
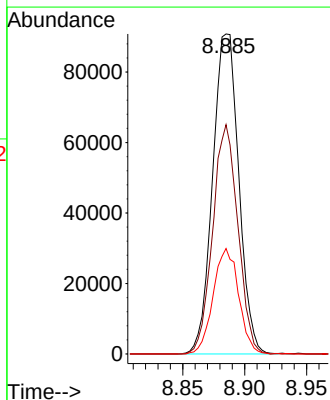
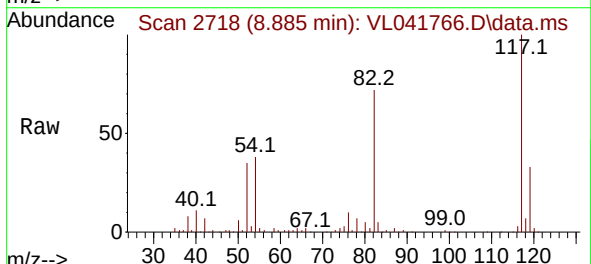
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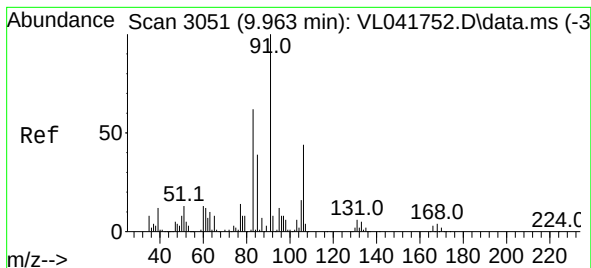
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. 0.006 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

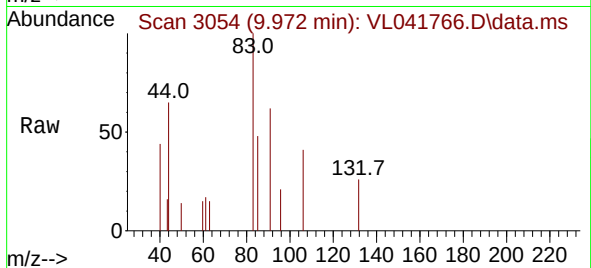
Tgt Ion:117 Resp: 133684
Ion Ratio Lower Upper
117 100
82 68.9 53.8 80.8
119 32.1 26.7 40.1





#63
1,1,2,2-Tetrachloroethane
Concen: 0.035 ppbv m
RT: 9.972 min Scan# 3051
Delta R.T. 0.010 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

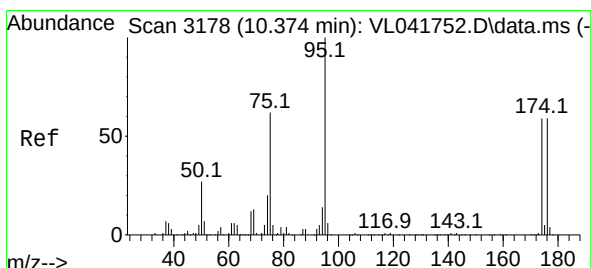
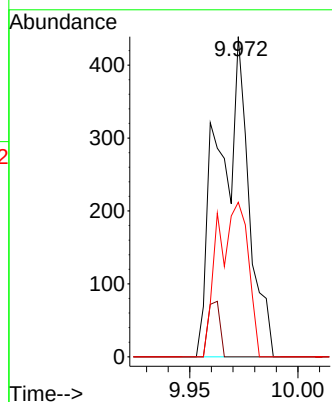
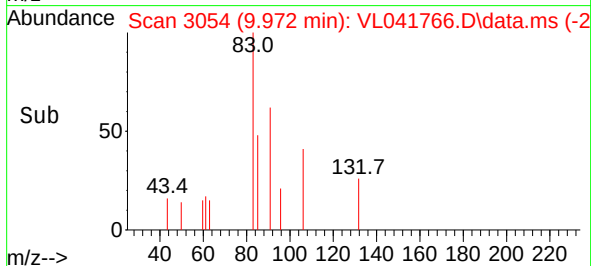
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 83 Resp: 427
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7
85 48.5 32.0 96.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.955 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.006 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

Tgt Ion: 95 Resp: 110900
Ion Ratio Lower Upper
95 100
174 58.7 47.6 71.4
175 4.8 3.7 5.5

