

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041724.D
 Acq On : 11 Dec 2024 16:48
 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 :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

Quant Time: Dec 12 13:17:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 12 13:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	271460	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	1347505	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	1202636	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	782948	9.903	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.583	62	583	0.038	ppbv #	64
32) 1,1,1-Trichloroethane	3.379	97	2101m	0.033	ppbv	
38) Trichloroethene	4.567	130	1777m	0.032	ppbv	
52) Tetrachloroethene	8.244	164	1822m	0.032	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.985	83	2549m	0.032	ppbv	

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

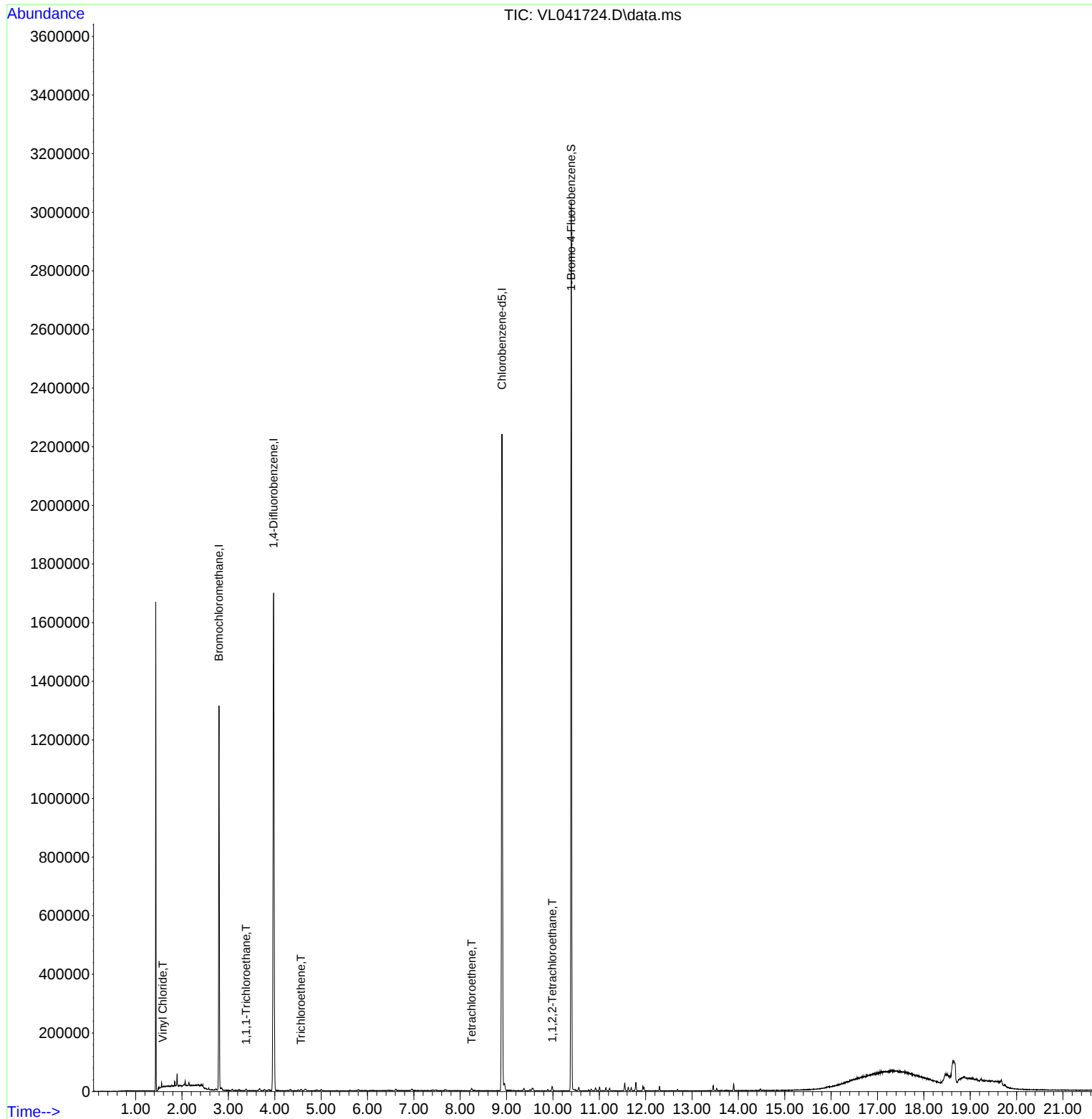
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
Data File : VL041724.D
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Operator : SY/MD
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

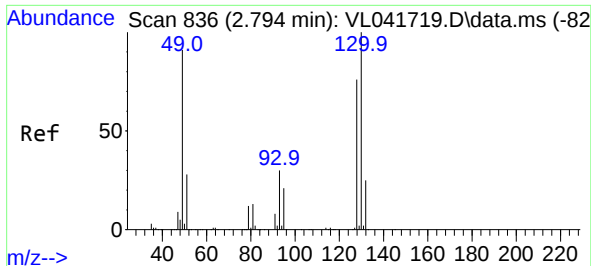
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ClientSampleId :
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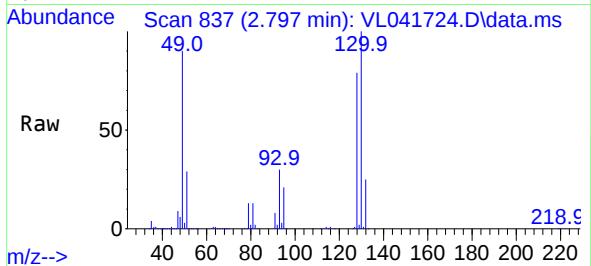
Quant Time: Dec 12 13:17:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Dec 12 13:14:06 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

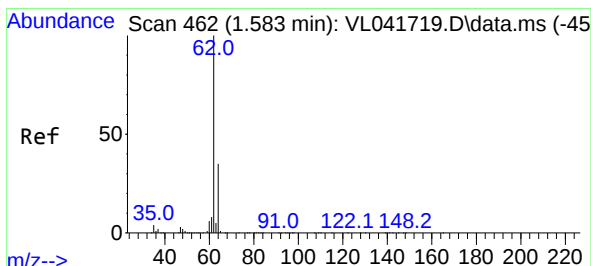
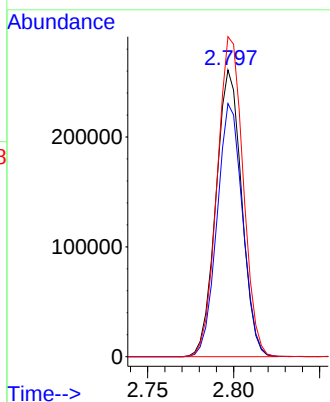
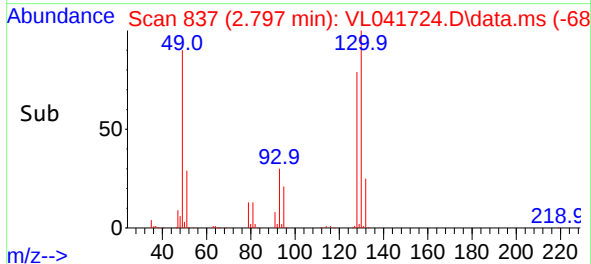
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 49 Resp: 271460
Ion Ratio Lower Upper
49 100
128 87.8 42.8 128.3
130 112.9 55.8 167.4

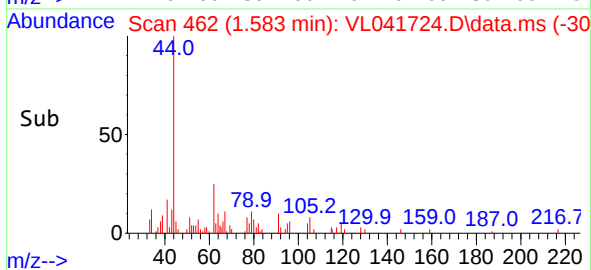
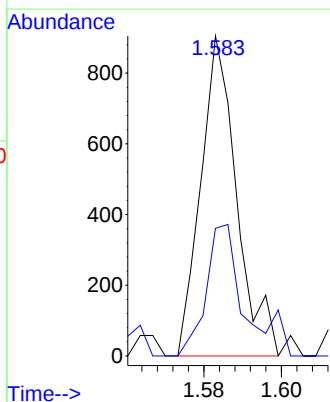
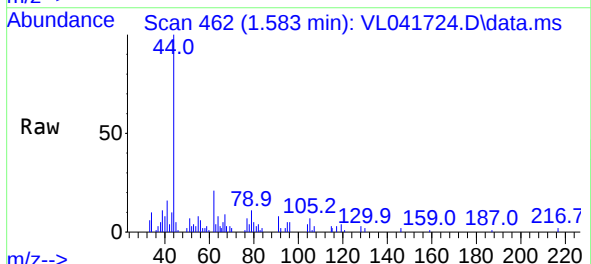
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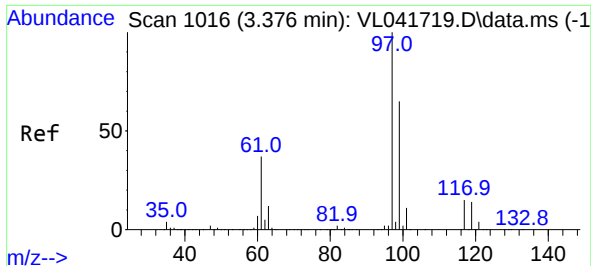
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#5
Vinyl Chloride
Concen: 0.038 ppbv
RT: 1.583 min Scan# 462
Delta R.T. -0.000 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

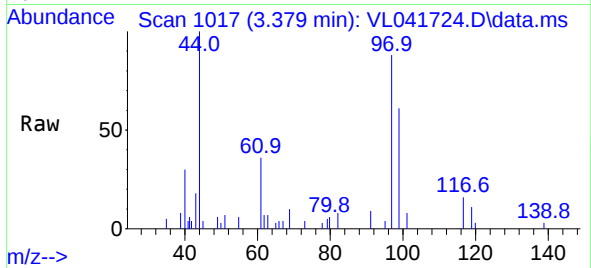
Tgt Ion: 62 Resp: 583
Ion Ratio Lower Upper
62 100
64 55.2 27.6 41.4#





#32
1,1,1-Trichloroethane
Concen: 0.033 ppbv m
RT: 3.379 min Scan# 1016
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

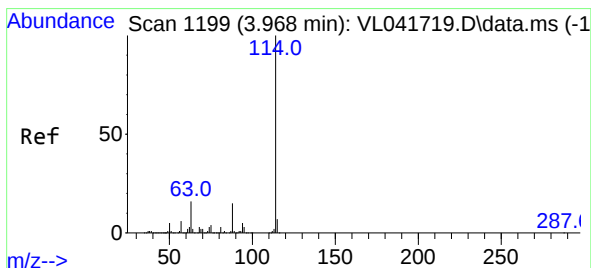
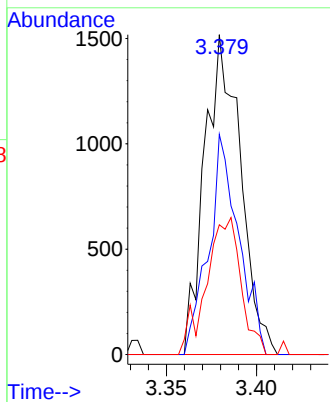
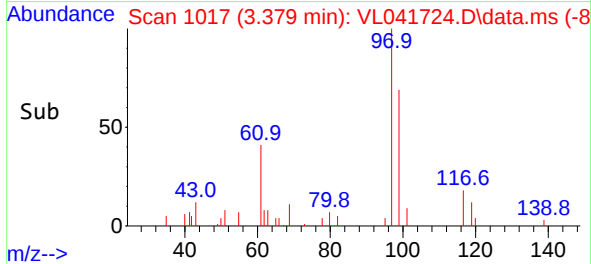
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 97 Resp: 210
Ion Ratio Lower Upper
97 100
99 58.0 52.2 78.2
61 42.0 29.8 44.8

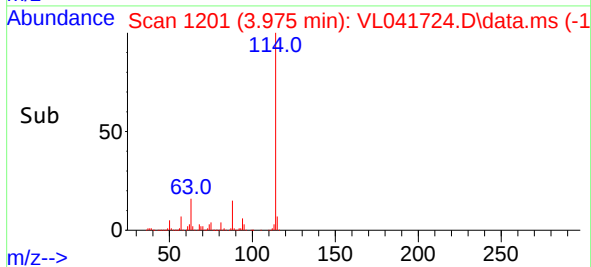
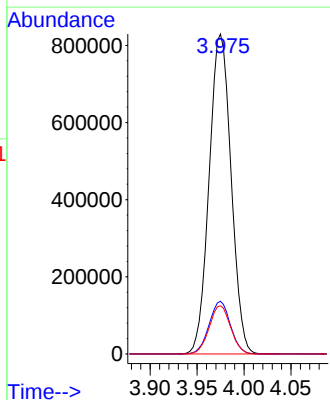
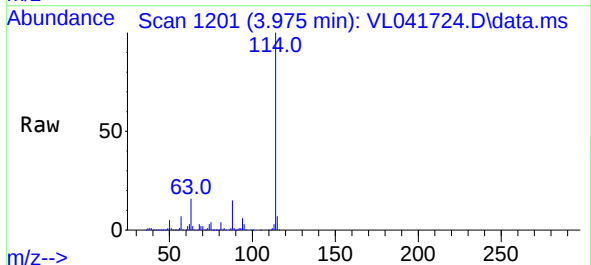
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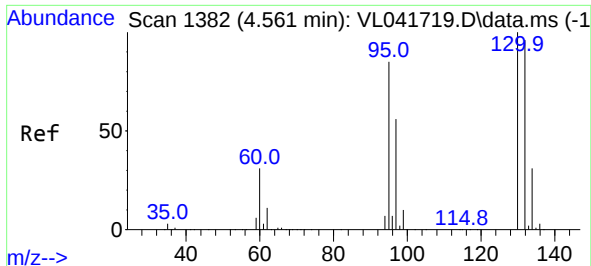
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. 0.006 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

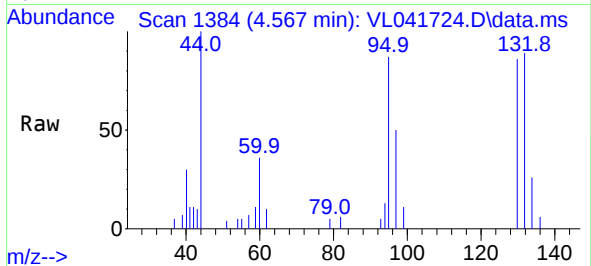
Tgt Ion:114 Resp: 1347505
Ion Ratio Lower Upper
114 100
63 16.0 12.9 19.3
88 14.7 11.8 17.6





#38
Trichloroethene
Concen: 0.032 ppbv m
RT: 4.567 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

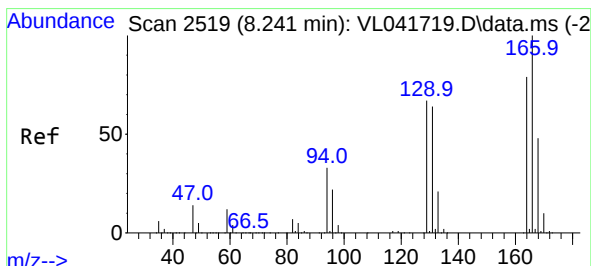
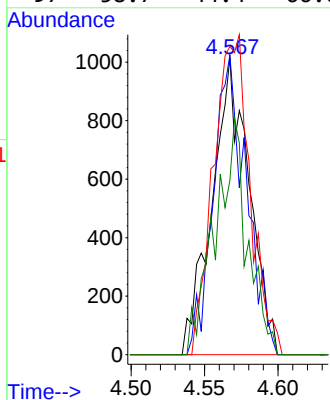
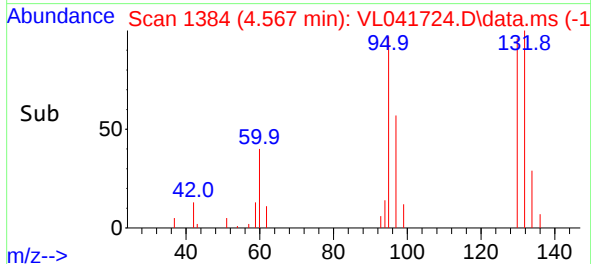


Tgt Ion:130 Resp: 177

Ion	Ratio	Lower	Upper
130	100		
95	100.8	68.0	102.0
132	103.7	76.5	114.7
97	58.7	44.4	66.6

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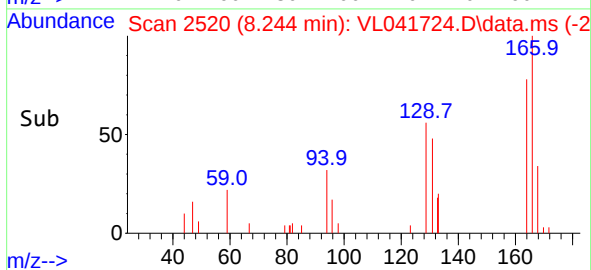
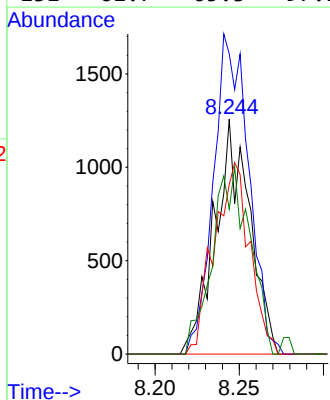
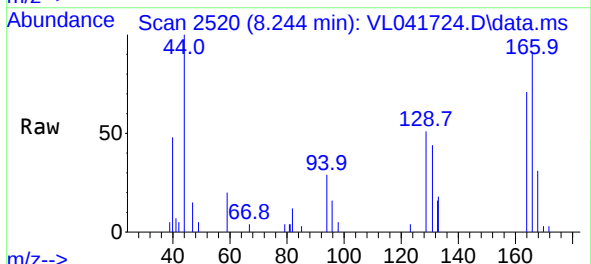
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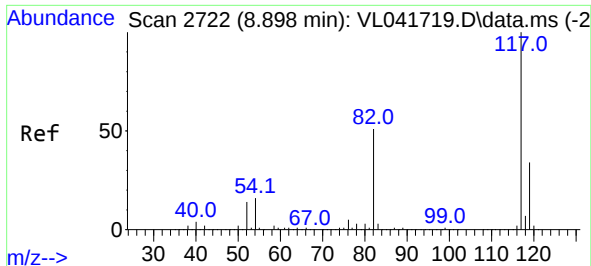


#52
Tetrachloroethene
Concen: 0.032 ppbv m
RT: 8.244 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Tgt Ion:164 Resp: 1822

Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.4	152.0
129	72.1	67.6	101.4
131	61.7	65.3	97.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Instrument :

MSVOA_L

ClientSampleId :

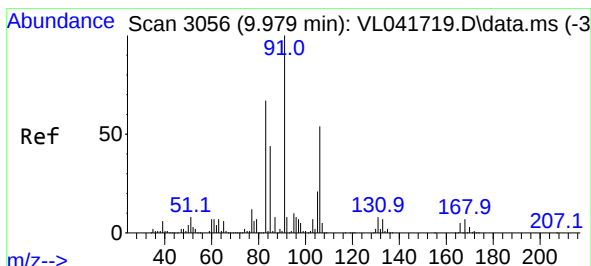
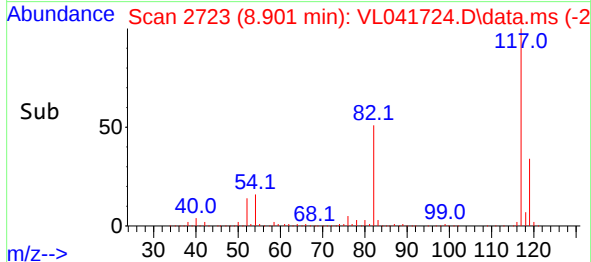
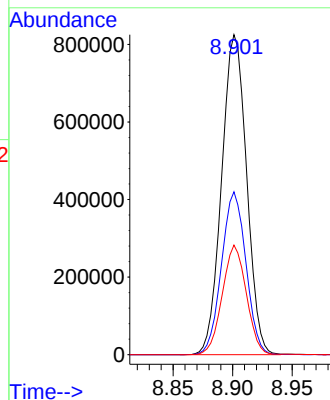
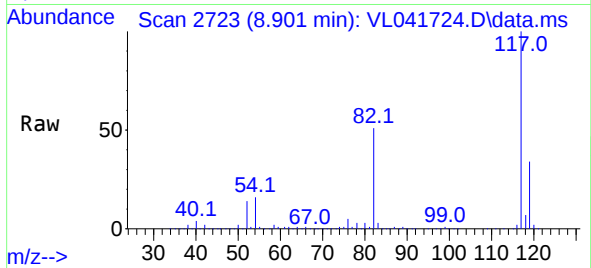
VSTDICC0.03

Tgt Ion:117 Resp: 1202630
Ion Ratio Lower Upper
117 100
82 49.8 41.3 61.9
119 33.0 25.8 38.8

Manual Integrations

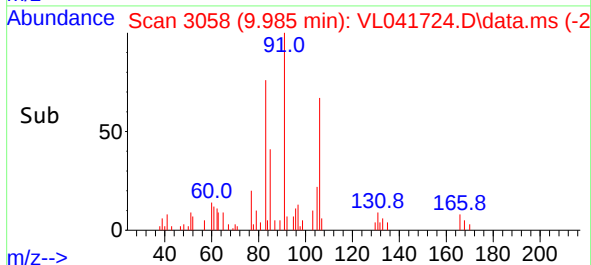
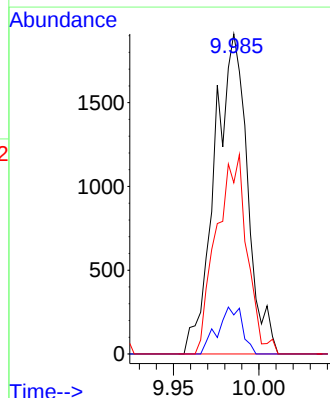
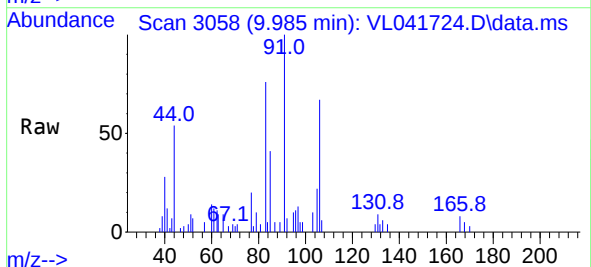
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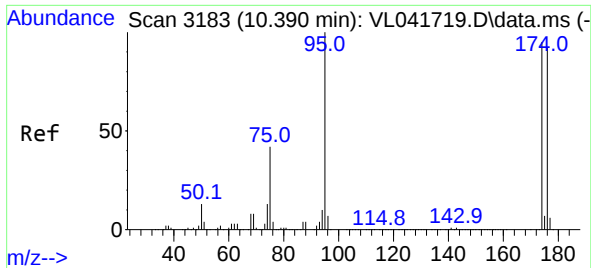
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Supervised By :Semsettin Yesilyurt 12/13/2024



#63
1,1,2,2-Tetrachloroethane
Concen: 0.032 ppbv m
RT: 9.985 min Scan# 3058
Delta R.T. 0.006 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

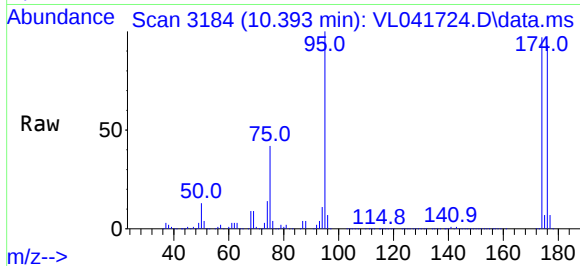
Tgt Ion: 83 Resp: 2549
Ion Ratio Lower Upper
83 100
131 11.1 5.9 17.6
85 58.5 32.8 98.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.903 ppbv
 RT: 10.393 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VL041724.D
 Acq: 11 Dec 2024 16:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03



Tgt Ion: 95 Resp: 782948
 Ion Ratio Lower Upper
 95 100
 174 97.8 76.7 115.1
 175 6.7 5.4 8.2

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