

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041843.D
 Acq On : 07 Jan 2025 11:52
 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 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025

Quant Time: Jan 08 01:23:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2025
 QLast Update : Wed Jan 08 01:18:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.803	49	85525	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.984	114	192559	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	161678	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.396	95	131934	9.528	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.300%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.586	62	224	0.038	ppbv #	32
32) 1,1,1-Trichloroethane	3.389	97	547	0.035	ppbv #	83
35) Carbon Tetrachloride	3.790	117	461m	0.032	ppbv	
38) Trichloroethene	4.574	130	177m	0.025	ppbv	
52) Tetrachloroethene	8.250	164	97m	0.018	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.982	83	601m	0.036	ppbv	

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

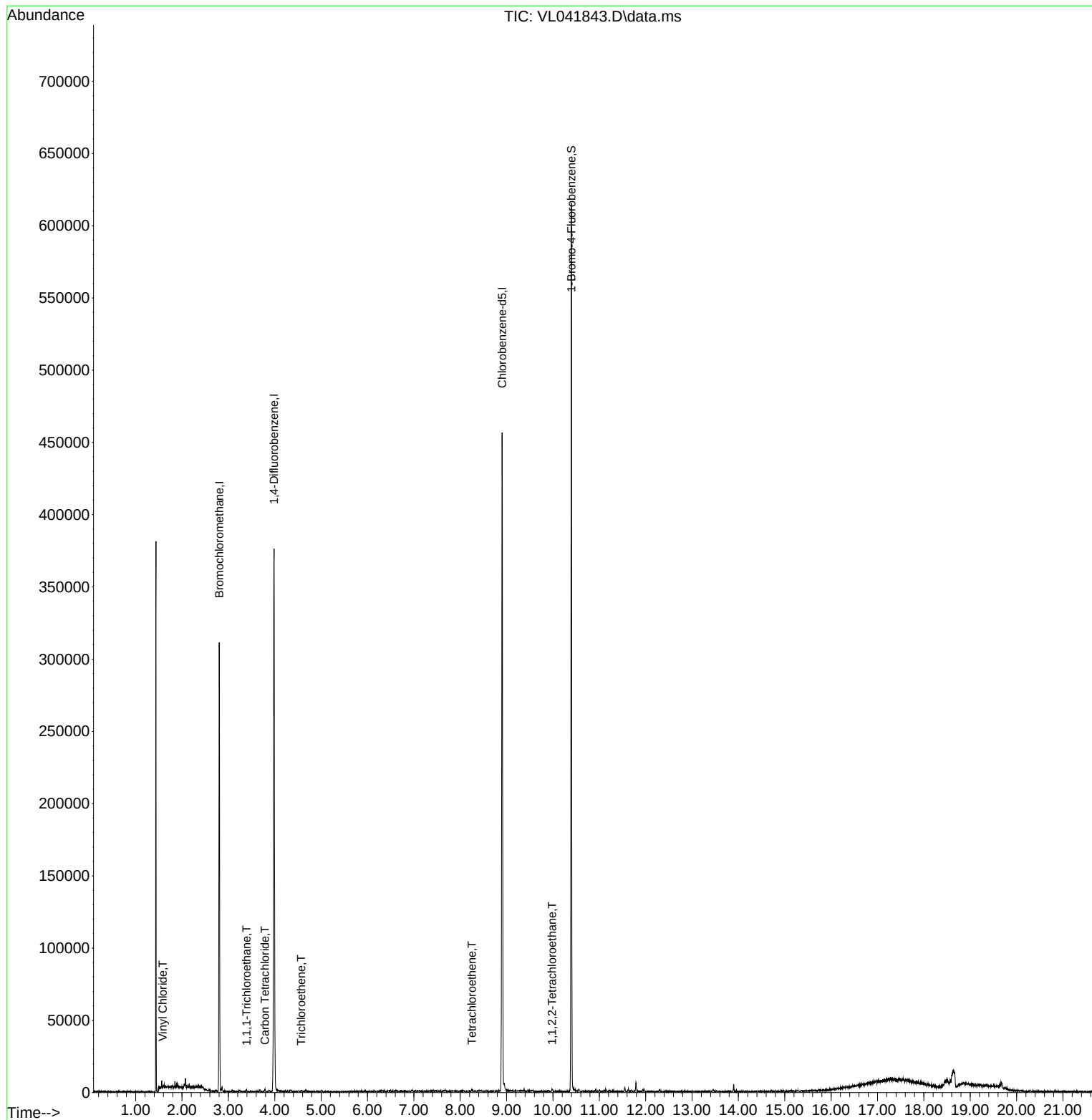
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
Data File : VL041843.D
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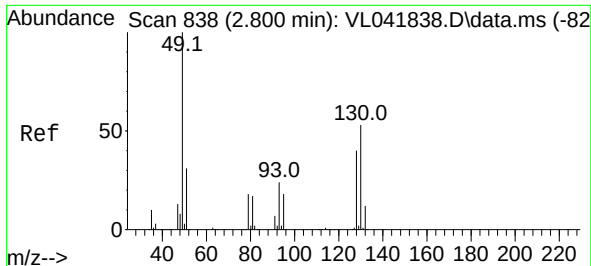
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Jan 08 01:23:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Jan 08 01:18:22 2025
Response via : Initial Calibration

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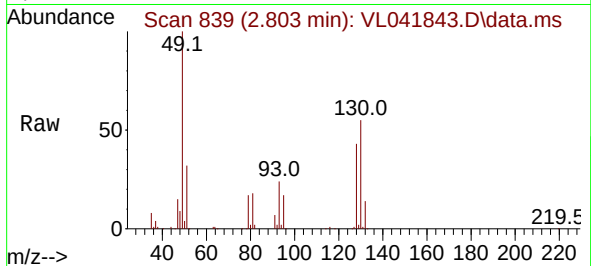
Reviewed By : Semsettin Yesilyurt 01/09/2025
Supervised By : Mahesh Dadoda 01/09/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 839
Delta R.T. 0.003 min
Lab File: VL041843.D
Acq: 07 Jan 2025 11:52

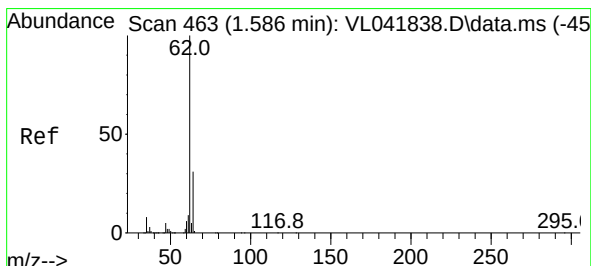
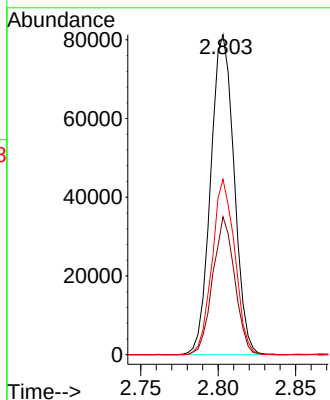
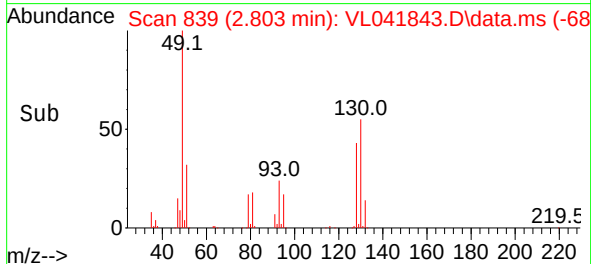
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 85524
Ion Ratio Lower Upper
49 100
128 40.3 19.7 59.1
130 53.1 26.4 79.2

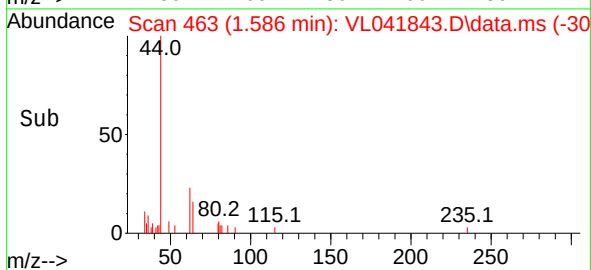
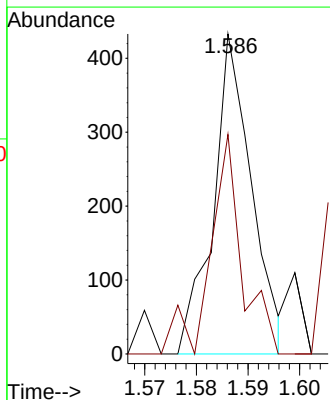
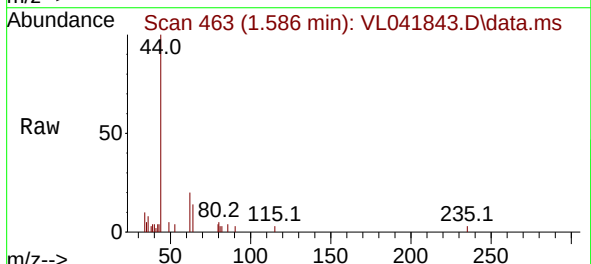
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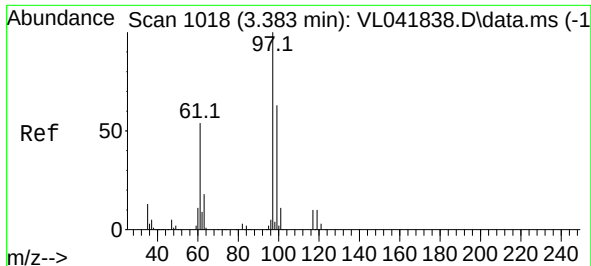
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#5
Vinyl Chloride
Concen: 0.038 ppbv
RT: 1.586 min Scan# 463
Delta R.T. -0.000 min
Lab File: VL041843.D
Acq: 07 Jan 2025 11:52

Tgt Ion: 62 Resp: 224
Ion Ratio Lower Upper
62 100
64 68.6 24.9 37.3#





#32

1,1,1-Trichloroethane

Concen: 0.035 ppbv

RT: 3.389 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VL041843.D

Acq: 07 Jan 2025 11:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

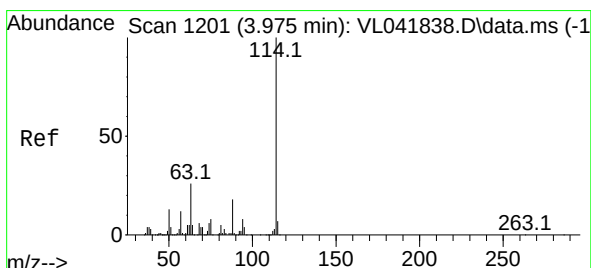
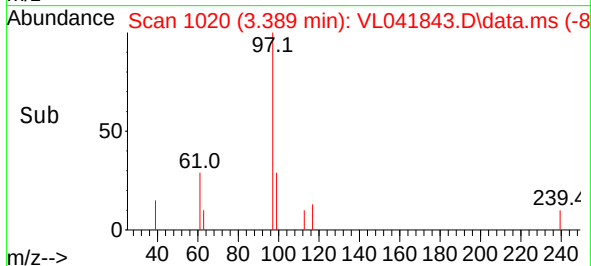
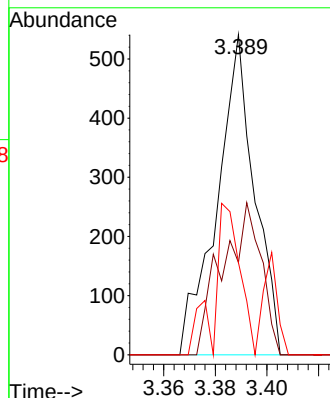
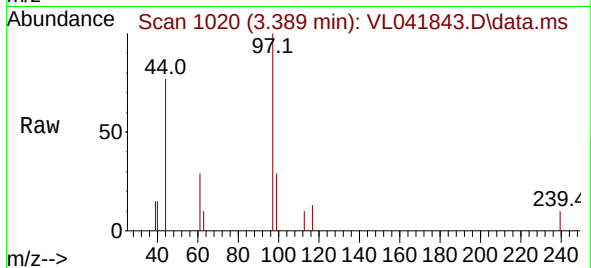
Tgt Ion: 97 Resp: 547

Ion	Ratio	Lower	Upper
97	100		
99	49.0	50.6	76.0
61	44.2	45.0	67.6

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.984 min Scan# 1204

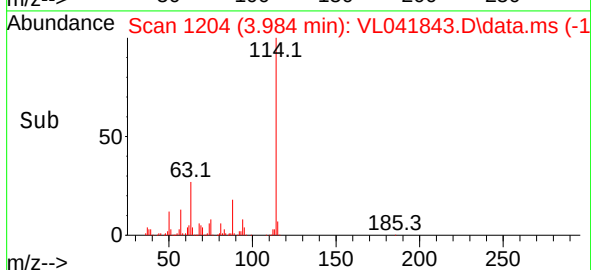
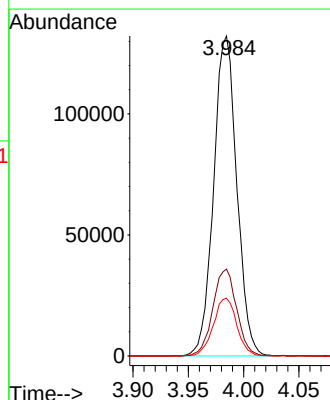
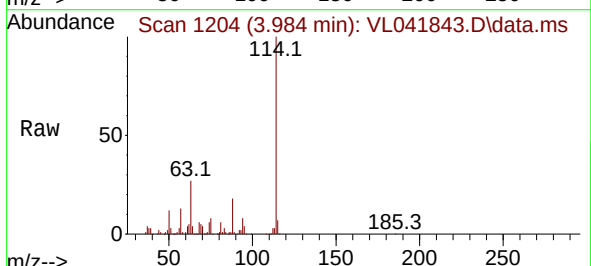
Delta R.T. 0.010 min

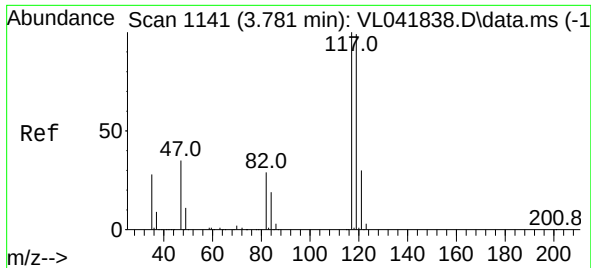
Lab File: VL041843.D

Acq: 07 Jan 2025 11:52

Tgt Ion:114 Resp: 192559

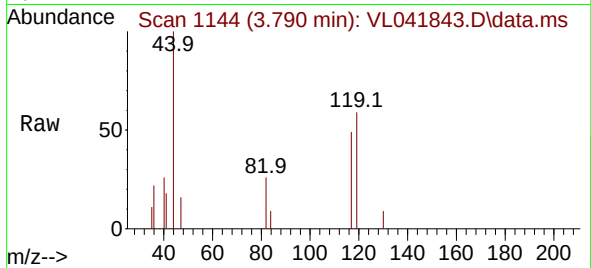
Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.3	33.5
88	18.3	14.9	22.3





#35
Carbon Tetrachloride
Concen: 0.032 ppbv m
RT: 3.790 min Scan# 1141
Delta R.T. 0.010 min
Lab File: VL041843.D
Acq: 07 Jan 2025 11:52

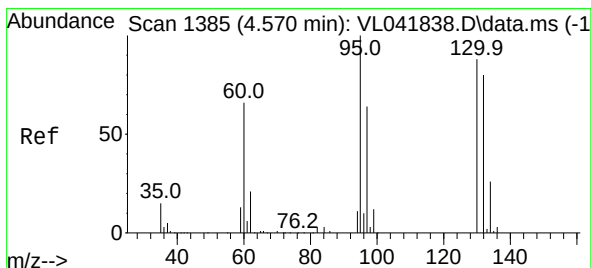
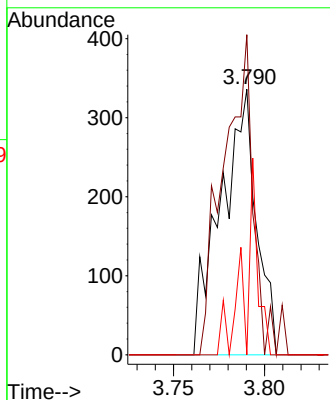
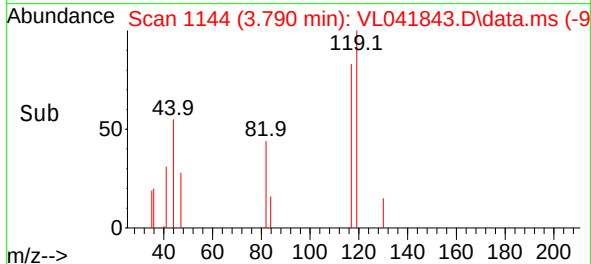
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion:117 Resp: 461
Ion Ratio Lower Upper
117 100
119 120.5 79.1 118.7#
121 0.0 24.2 36.2#

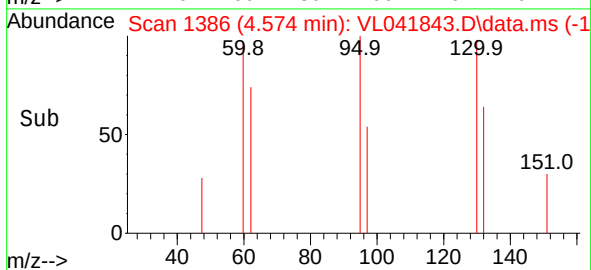
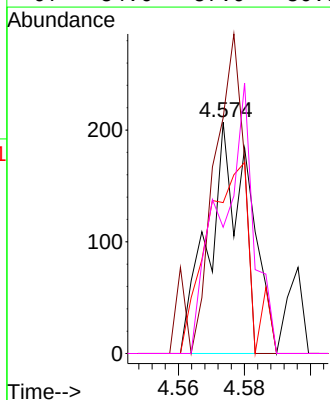
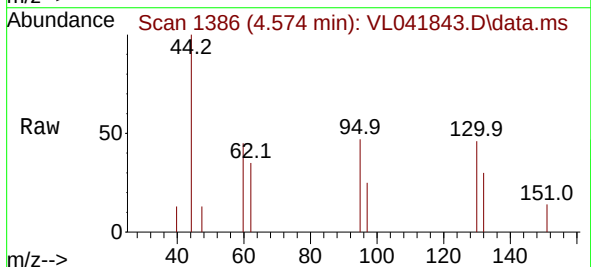
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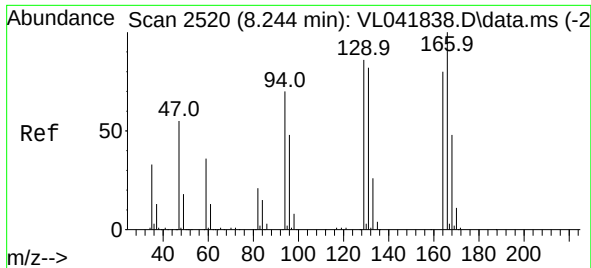
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#38
Trichloroethene
Concen: 0.025 ppbv m
RT: 4.574 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VL041843.D
Acq: 07 Jan 2025 11:52

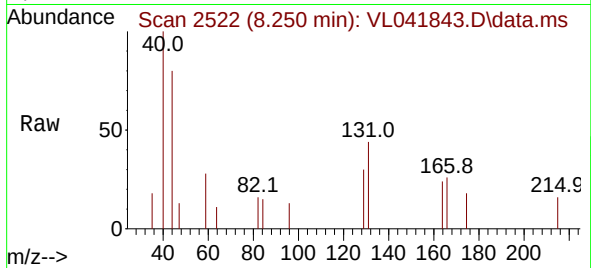
Tgt Ion:130 Resp: 177
Ion Ratio Lower Upper
130 100
95 101.9 90.1 135.1
132 65.2 71.8 107.8#
97 54.6 57.9 86.9#





#52
Tetrachloroethene
Concen: 0.018 ppbv m
RT: 8.250 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VL041843.D
Acq: 07 Jan 2025 11:52

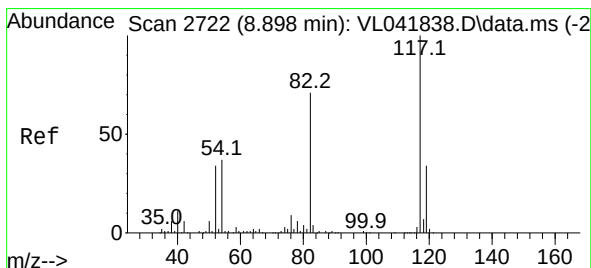
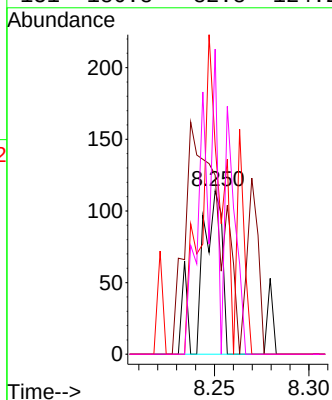
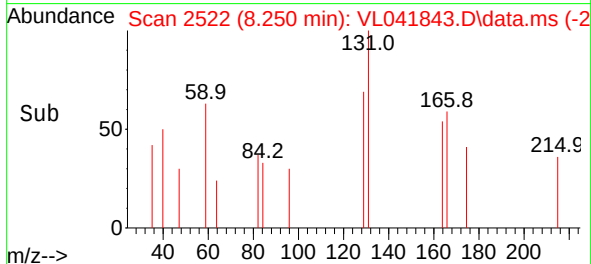
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion:164 Resp: 91
Ion Ratio Lower Upper
164 100
166 109.6 100.4 150.6
129 128.1 85.9 128.9
131 186.8 82.8 124.2#

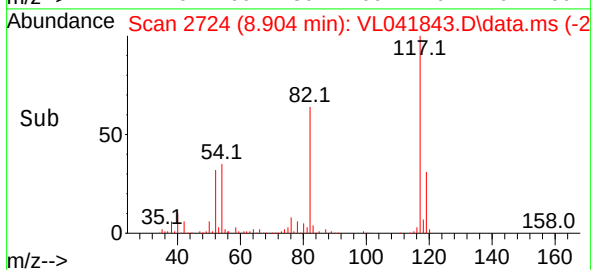
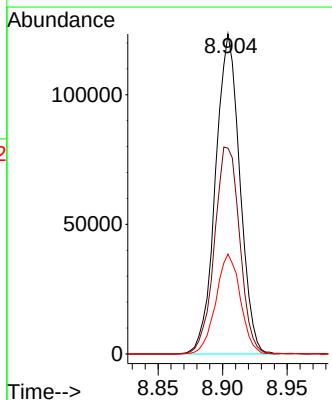
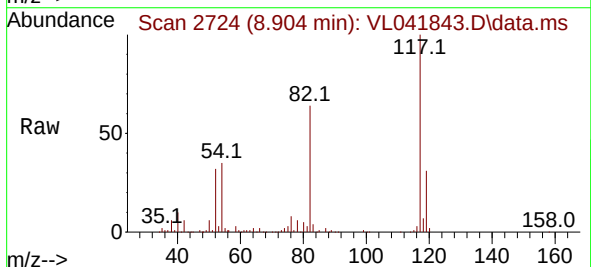
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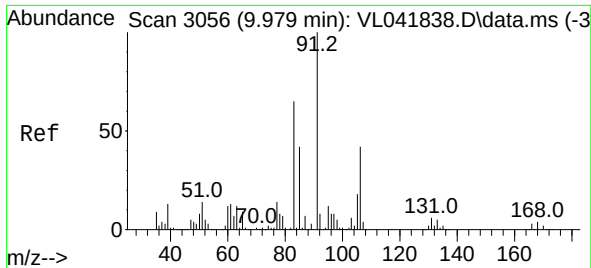
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.904 min Scan# 2724
Delta R.T. 0.006 min
Lab File: VL041843.D
Acq: 07 Jan 2025 11:52

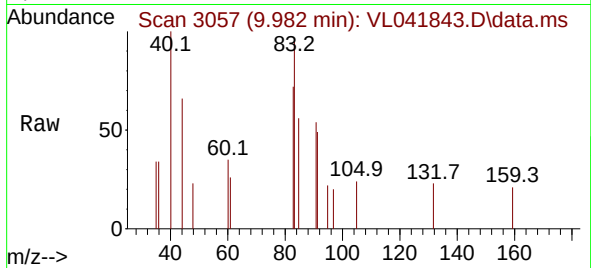
Tgt Ion:117 Resp: 161678
Ion Ratio Lower Upper
117 100
82 67.3 59.1 88.7
119 31.6 27.3 40.9





#63
1,1,2,2-Tetrachloroethane
Concen: 0.036 ppbv m
RT: 9.982 min Scan# 3056
Delta R.T. 0.003 min
Lab File: VL041843.D
Acq: 07 Jan 2025 11:52

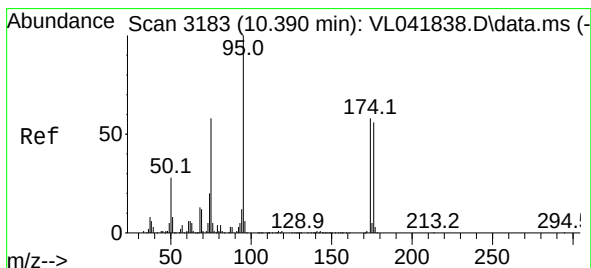
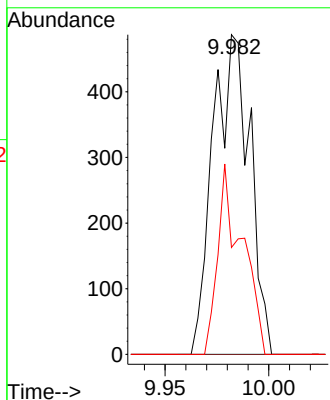
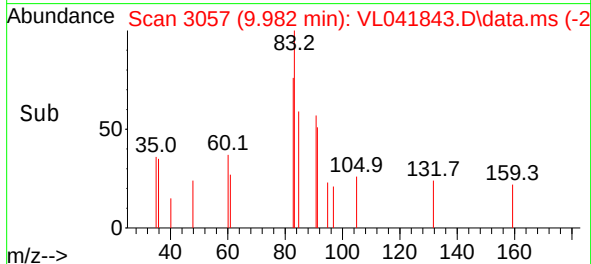
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 83 Resp: 601
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3
85 0.0 31.9 95.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.528 ppbv
RT: 10.396 min Scan# 3185
Delta R.T. 0.006 min
Lab File: VL041843.D
Acq: 07 Jan 2025 11:52

Tgt Ion: 95 Resp: 131934
Ion Ratio Lower Upper
95 100
174 59.4 47.6 71.4
175 4.6 3.8 5.6

