

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032525\
 Data File : VL042169.D
 Acq On : 25 Mar 2025 11:34
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

Quant Time: Mar 26 01:34:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Mar 26 01:29:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	166423	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	380460	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	317718	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	254617	10.255	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.583	62	258m	0.041	ppbv	
32) 1,1,1-Trichloroethane	3.376	97	770m	0.025	ppbv	
35) Carbon Tetrachloride	3.768	117	981m	0.037	ppbv	
38) Trichloroethene	4.567	130	485m	0.030	ppbv	
52) Tetrachloroethene	8.238	164	431m	0.032	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.979	83	1238m	0.039	ppbv	

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

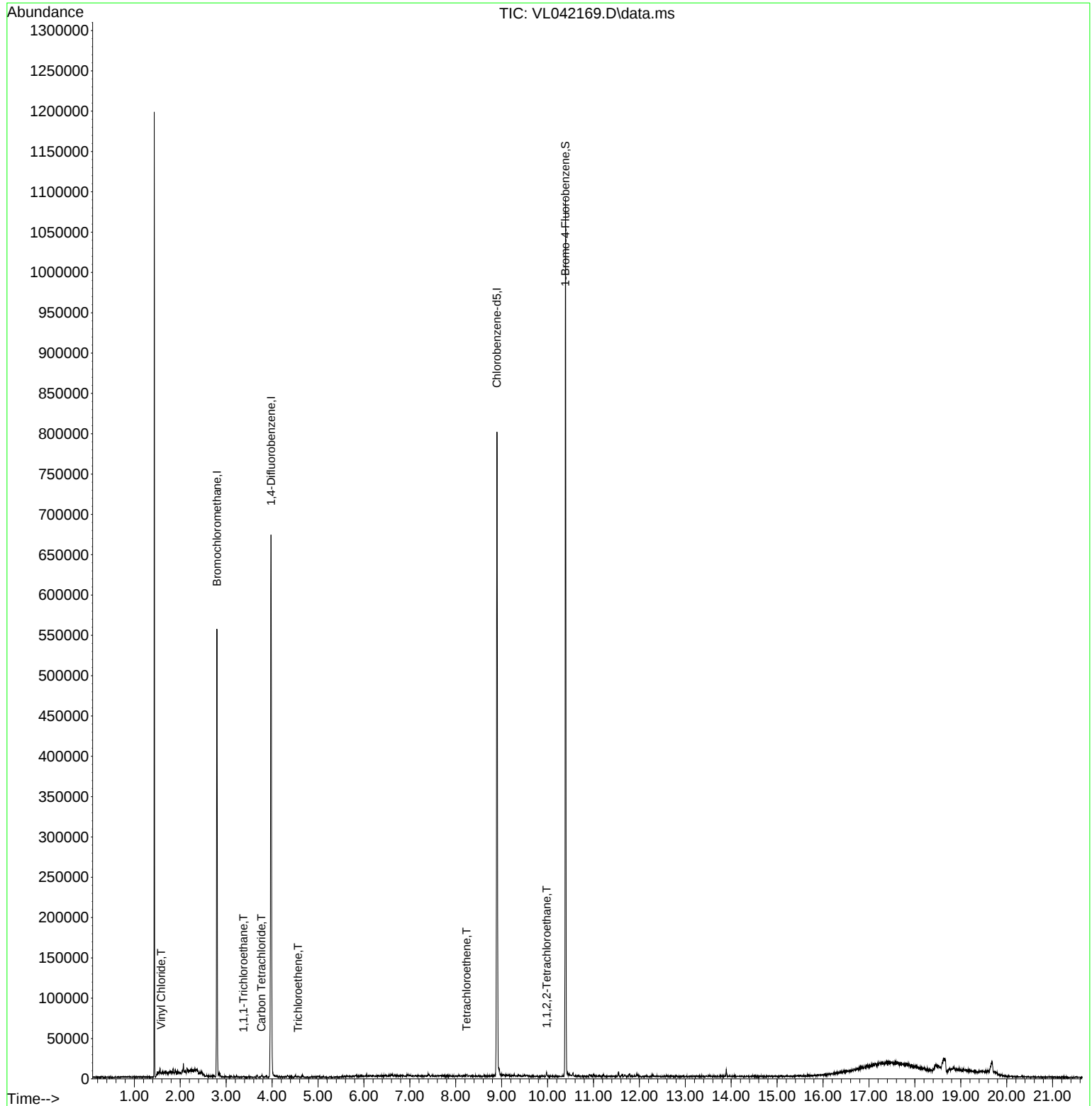
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032525\
Data File : VL042169.D
Acq On : 25 Mar 2025 11:34
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

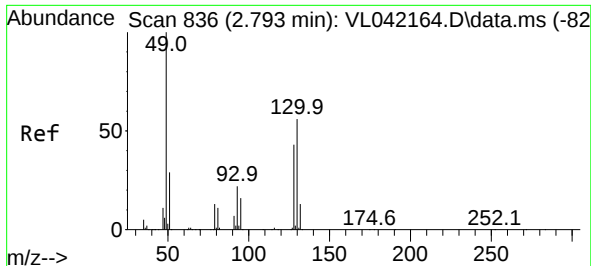
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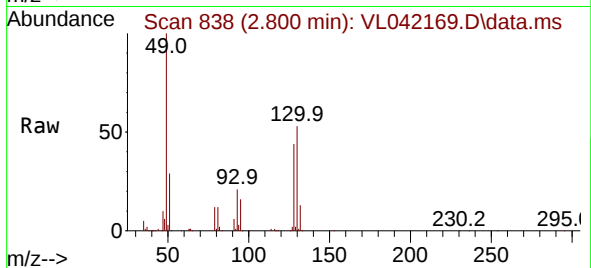
Quant Time: Mar 26 01:34:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Mar 26 01:29:19 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL042169.D
Acq: 25 Mar 2025 11:34

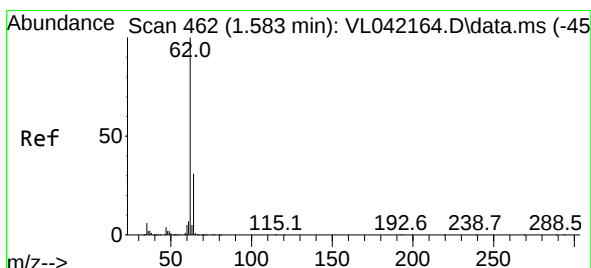
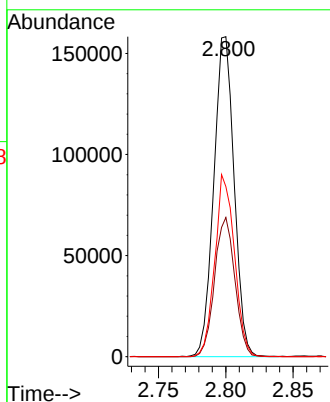
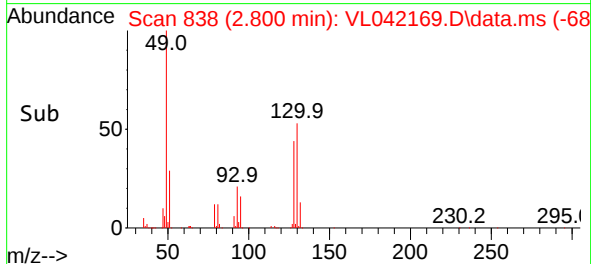
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 49 Resp: 16642
Ion Ratio Lower Upper
49 100
128 43.4 21.5 64.5
130 54.9 27.3 81.9

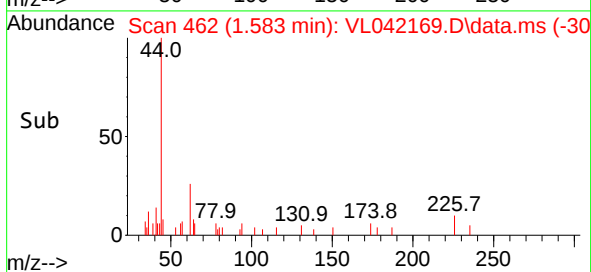
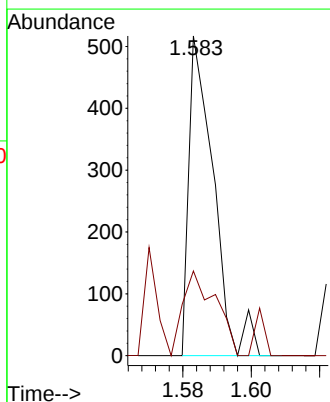
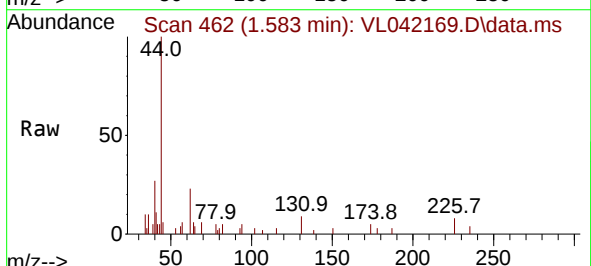
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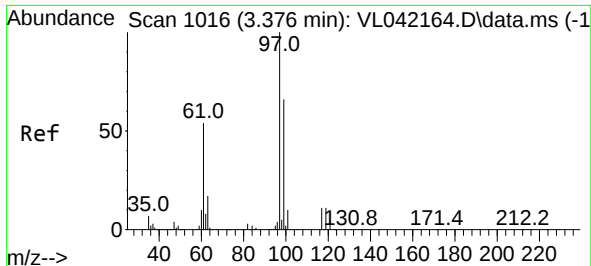
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#5
Vinyl Chloride
Concen: 0.041 ppbv m
RT: 1.583 min Scan# 462
Delta R.T. 0.000 min
Lab File: VL042169.D
Acq: 25 Mar 2025 11:34

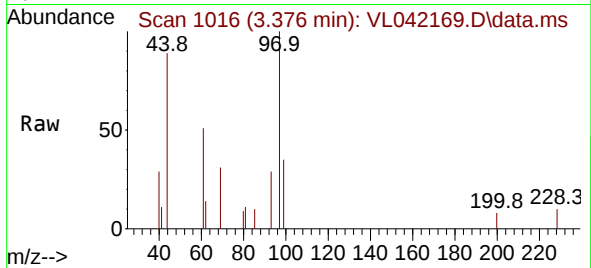
Tgt Ion: 62 Resp: 258
Ion Ratio Lower Upper
62 100
64 26.5 24.8 37.2





#32
1,1,1-Trichloroethane
Concen: 0.025 ppbv m
RT: 3.376 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VL042169.D
Acq: 25 Mar 2025 11:34

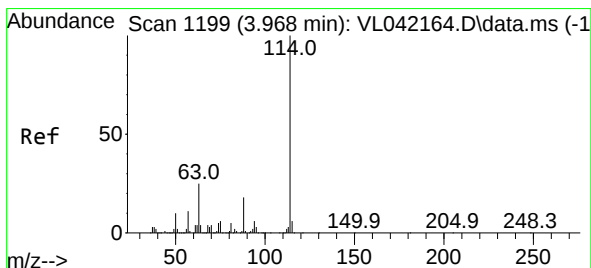
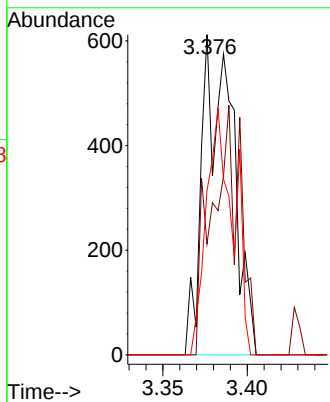
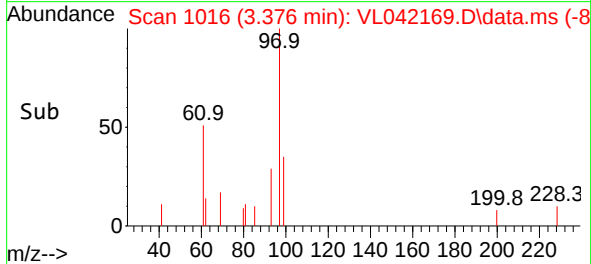
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 97 Resp: 770
Ion Ratio Lower Upper
97 100
99 71.8 50.6 75.8
61 67.5 42.1 63.1

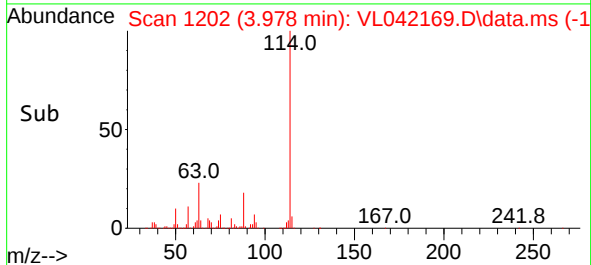
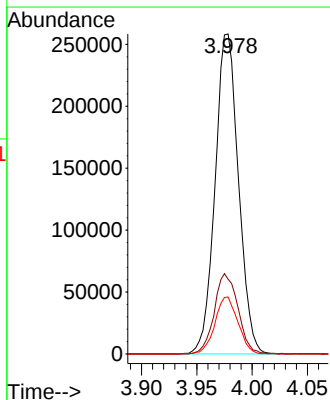
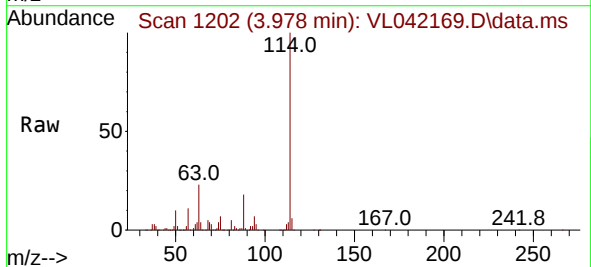
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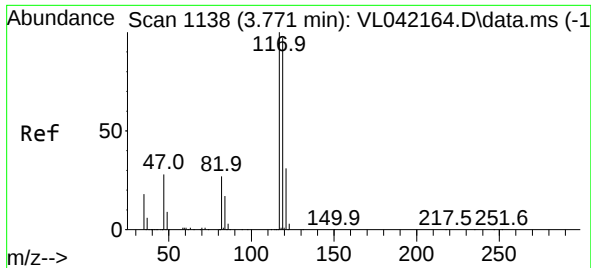
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 1202
Delta R.T. 0.010 min
Lab File: VL042169.D
Acq: 25 Mar 2025 11:34

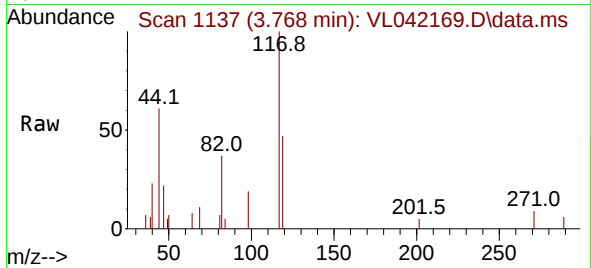
Tgt Ion:114 Resp: 380460
Ion Ratio Lower Upper
114 100
63 25.4 20.1 30.1
88 17.5 14.2 21.2





#35
Carbon Tetrachloride
Concen: 0.037 ppbv m
RT: 3.768 min Scan# 1137
Delta R.T. -0.003 min
Lab File: VL042169.D
Acq: 25 Mar 2025 11:34

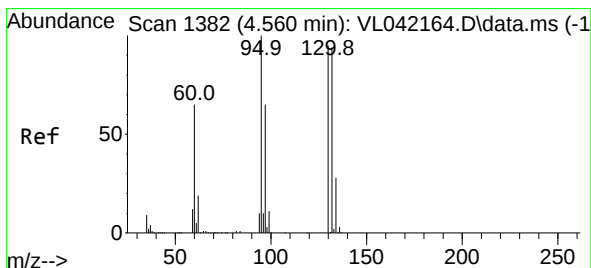
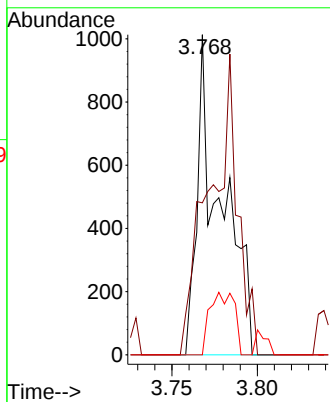
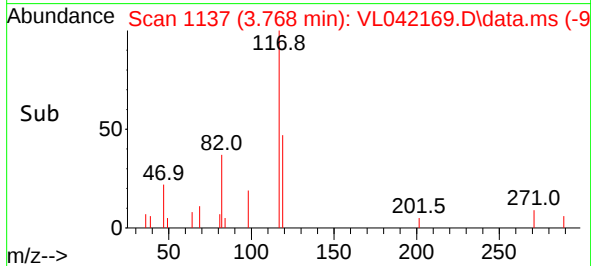
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion:117 Resp: 98
Ion Ratio Lower Upper
117 100
119 47.5 77.5 116.3
121 0.0 24.5 36.7

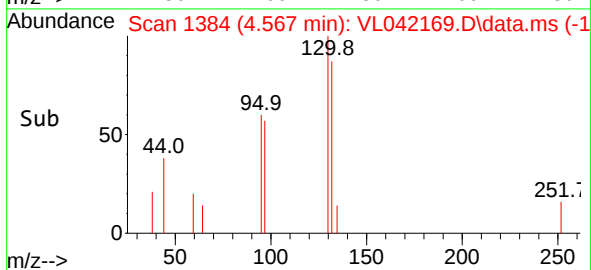
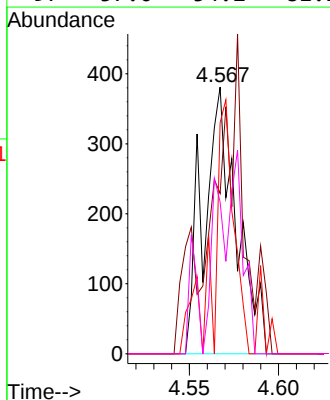
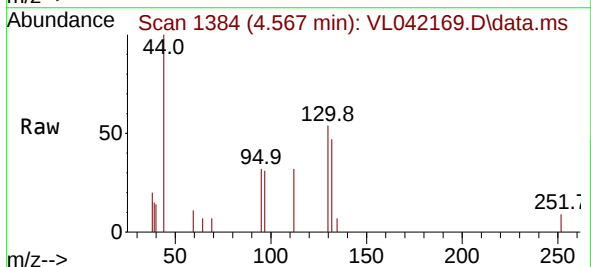
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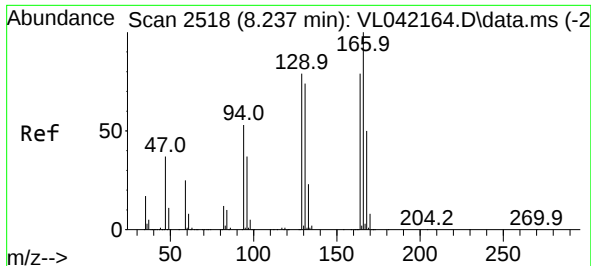
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#38
Trichloroethene
Concen: 0.030 ppbv m
RT: 4.567 min Scan# 1384
Delta R.T. 0.007 min
Lab File: VL042169.D
Acq: 25 Mar 2025 11:34

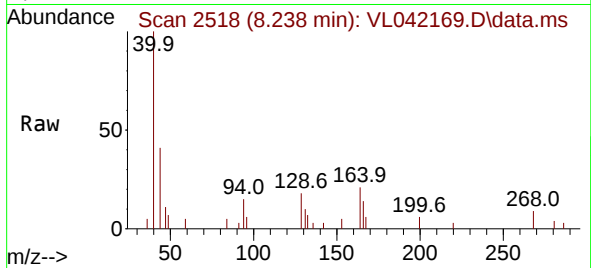
Tgt Ion:130 Resp: 485
Ion Ratio Lower Upper
130 100
95 60.1 84.1 126.1#
132 86.6 79.0 118.6
97 57.0 54.2 81.2





#52
Tetrachloroethene
Concen: 0.032 ppbv m
RT: 8.238 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VL042169.D
Acq: 25 Mar 2025 11:34

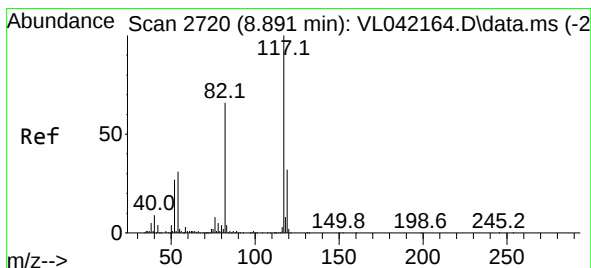
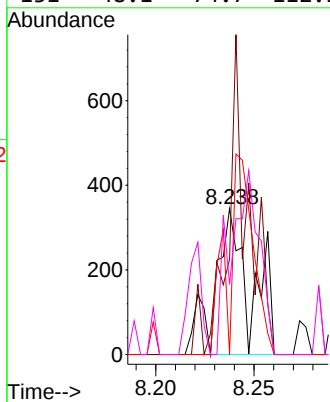
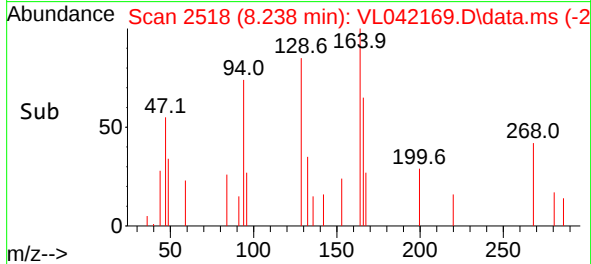
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion:164 Resp: 431
Ion Ratio Lower Upper
164 100
166 65.2 101.3 151.9
129 0.0 79.6 119.4
131 48.1 74.7 112.1

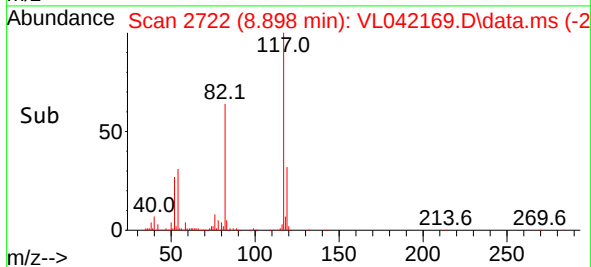
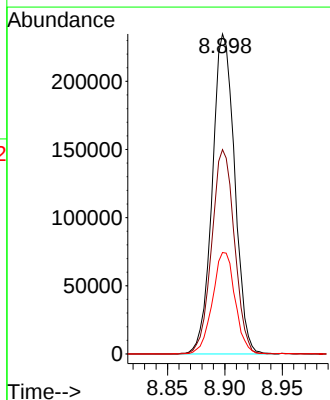
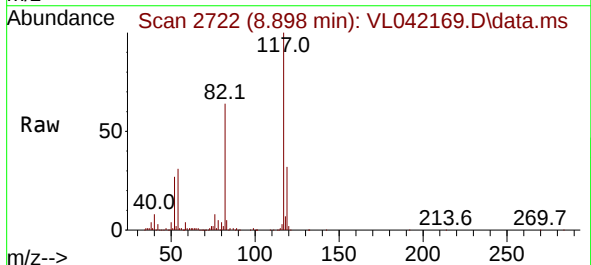
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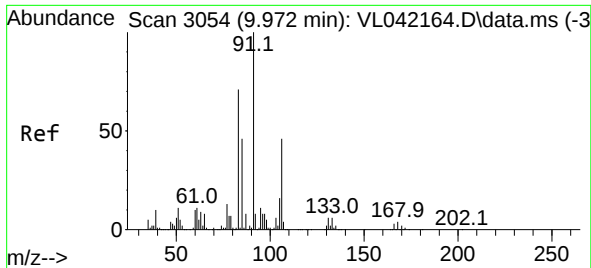
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. 0.007 min
Lab File: VL042169.D
Acq: 25 Mar 2025 11:34

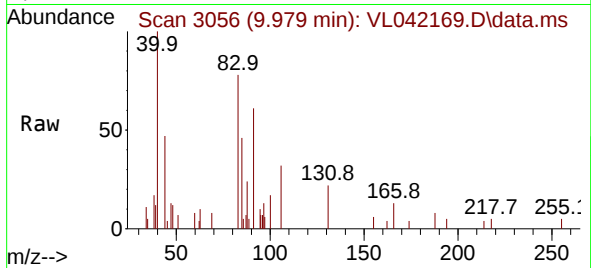
Tgt Ion:117 Resp: 317718
Ion Ratio Lower Upper
117 100
82 65.1 54.2 81.4
119 32.3 25.4 38.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.039 ppbv m
RT: 9.979 min Scan# 3054
Delta R.T. 0.007 min
Lab File: VL042169.D
Acq: 25 Mar 2025 11:34

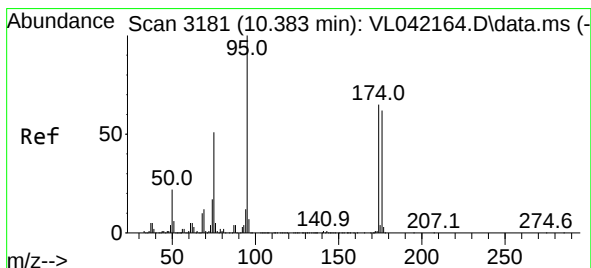
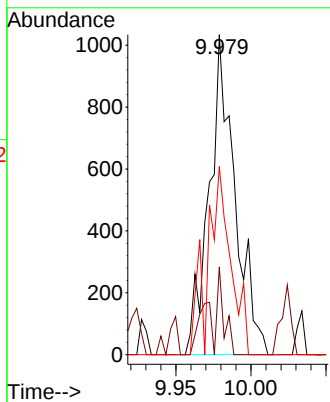
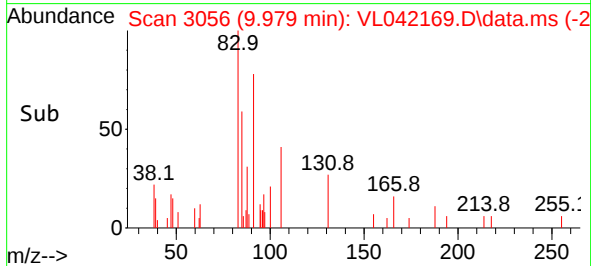
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VSTDIC0.03



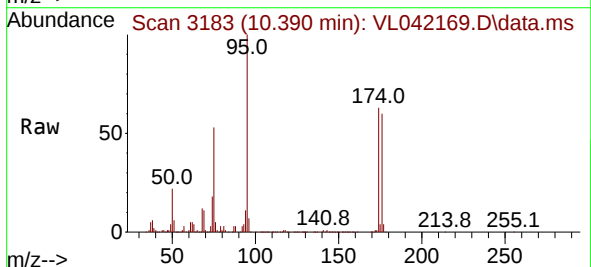
Tgt Ion: 83 Resp: 1238
Ion Ratio Lower Upper
83 100
131 19.8 4.5 13.5
85 53.2 32.3 96.9

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.255 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. 0.007 min
Lab File: VL042169.D
Acq: 25 Mar 2025 11:34



Tgt Ion: 95 Resp: 254617
Ion Ratio Lower Upper
95 100
174 64.4 53.5 80.3
175 4.7 3.8 5.8

