

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
 Data File : VL042237.D
 Acq On : 07 Apr 2025 18:15
 Operator : SY/MD
 Sample : Q1725-02DL2 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B10-4-04012025DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025
 Supervised By :Mahesh Dadoda 04/09/2025

Quant Time: Apr 08 01:33:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2025
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.806	49	200617	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.988	114	522646	10.000	ppbv	0.04
55) Chlorobenzene-d5	8.908	117	451439	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.400	95	350496	9.454	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.500%
Target Compounds						
					Qvalue	
9) Propene	1.496	41	2178	0.157	ppbv	97
13) Ethanol	1.732	45	8680	6.620	ppbv #	27
15) Acetone	1.848	43	50890	1.814	ppbv	94
19) Isopropyl Alcohol	1.900	45	22681	1.433	ppbv #	81
20) Methylene Chloride	2.075	84	2093	0.200	ppbv	98
29) Chloroform	2.868	83	915723	22.245	ppbv	99
35) Carbon Tetrachloride	3.794	117	7028m	0.172	ppbv	
38) Trichloroethene	4.583	130	1290m	0.060	ppbv	
52) Tetrachloroethene	8.257	164	3274m	0.159	ppbv	

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

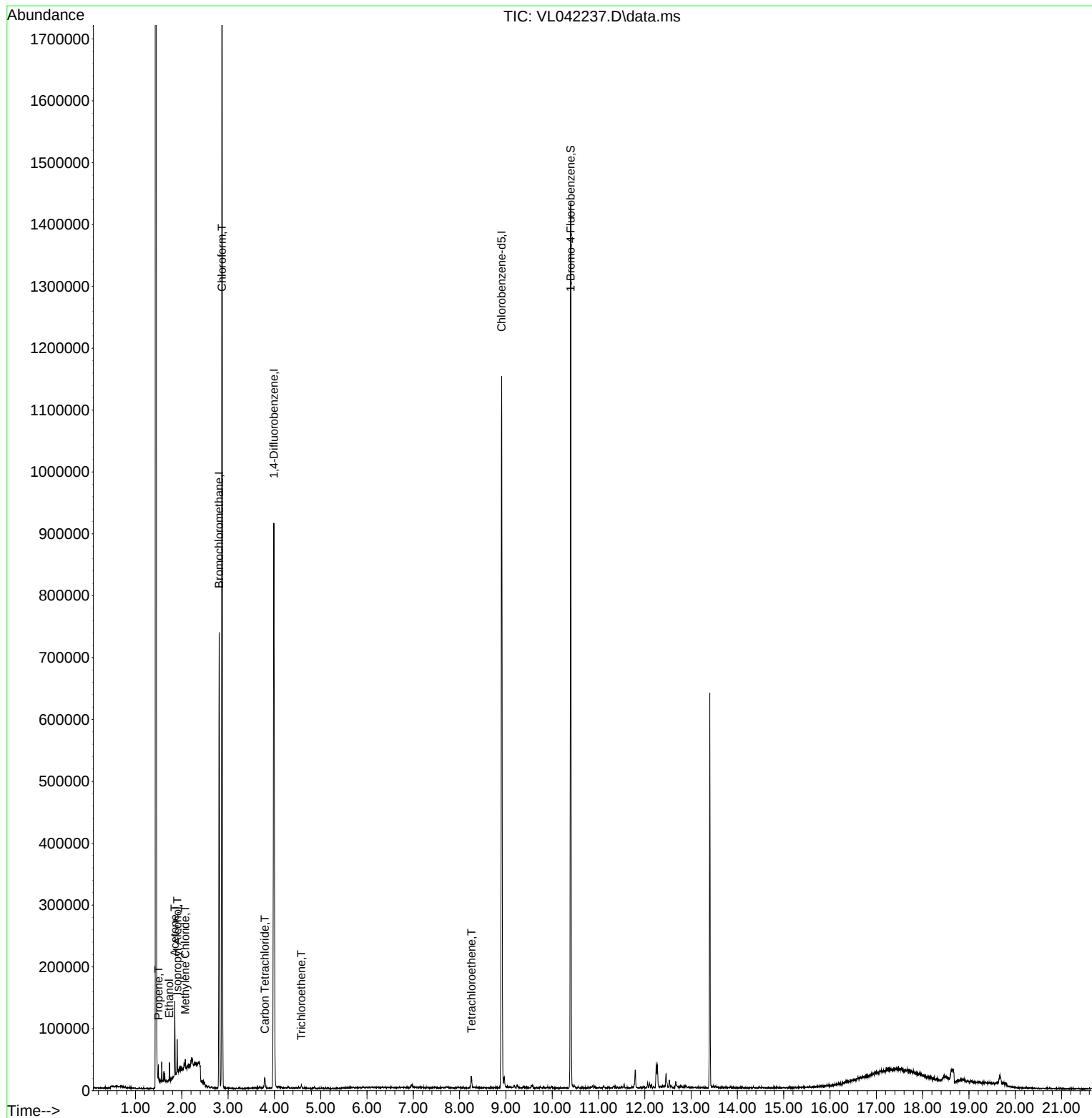
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
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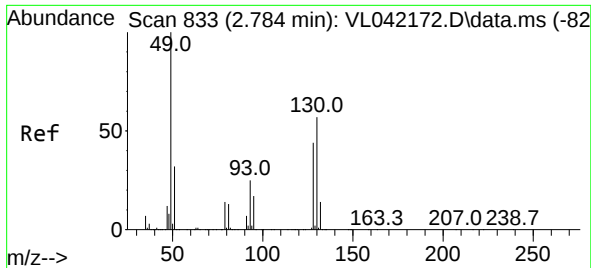
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-4-04012025DL2

Quant Time: Apr 08 01:33:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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Response via : Initial Calibration

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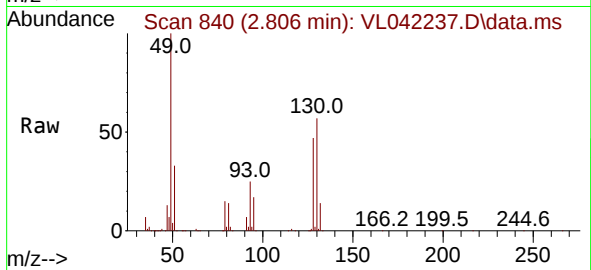
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.806 min Scan# 84
Delta R.T. 0.022 min
Lab File: VL042237.D
Acq: 07 Apr 2025 18:15

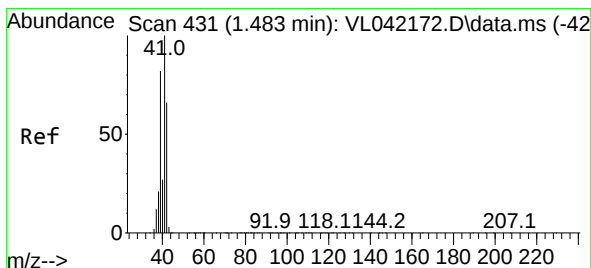
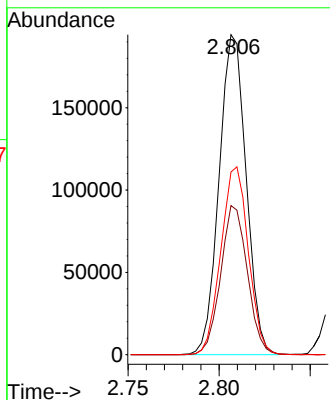
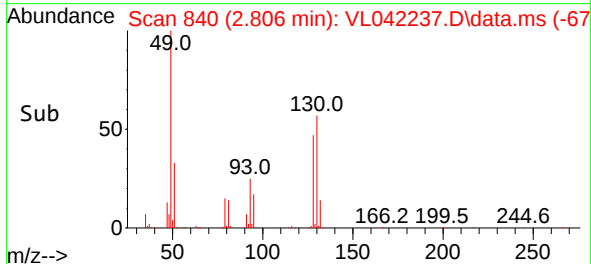
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-4-04012025DL2



Tgt Ion: 49 Resp: 20061
Ion Ratio Lower Upper
49 100
128 46.1 22.9 68.5
130 59.7 28.8 86.4

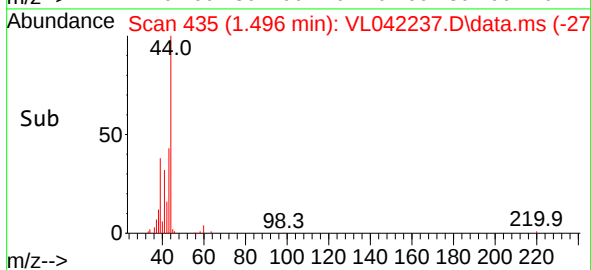
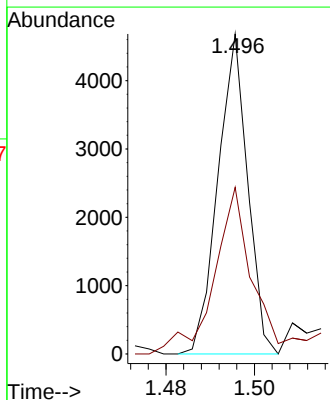
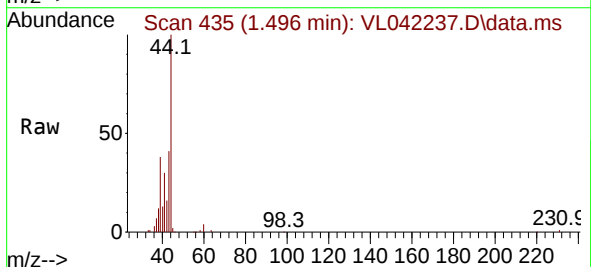
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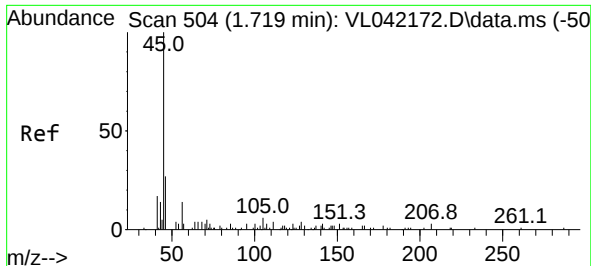
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Supervised By :Mahesh Dadoda 04/09/2025



#9
Propene
Concen: 0.157 ppbv
RT: 1.496 min Scan# 435
Delta R.T. 0.013 min
Lab File: VL042237.D
Acq: 07 Apr 2025 18:15

Tgt Ion: 41 Resp: 2178
Ion Ratio Lower Upper
41 100
42 71.3 55.4 83.2





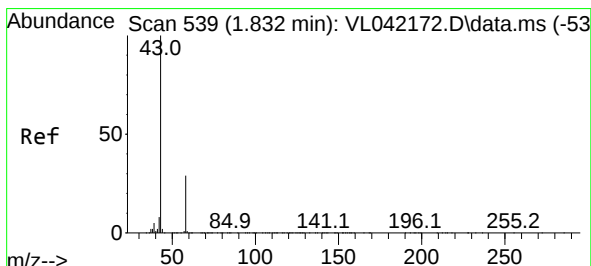
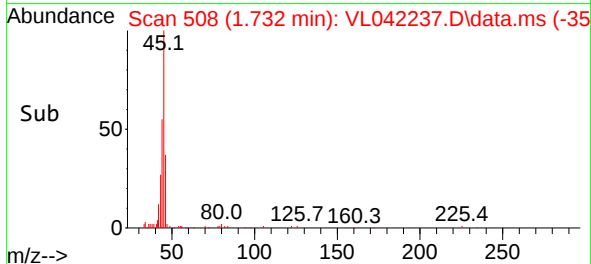
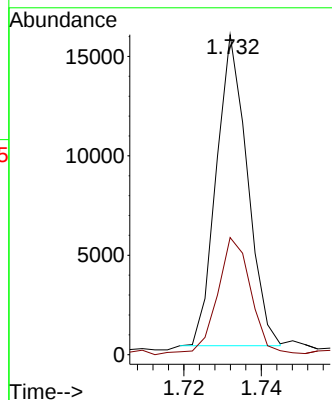
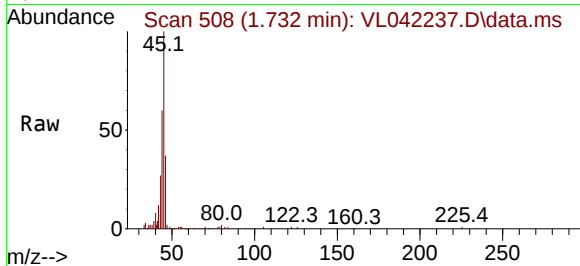
#13
Ethanol
Concen: 6.620 ppbv
RT: 1.732 min Scan# 508
Delta R.T. 0.013 min
Lab File: VL042237.D
Acq: 07 Apr 2025 18:15

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-4-04012025DL2

Tgt Ion: 45 Resp: 8680
Ion Ratio Lower Upper
45 100
46 0.0 20.2 80.8

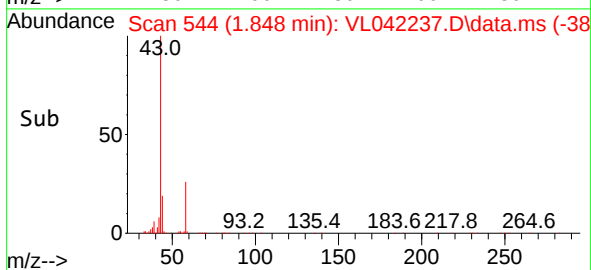
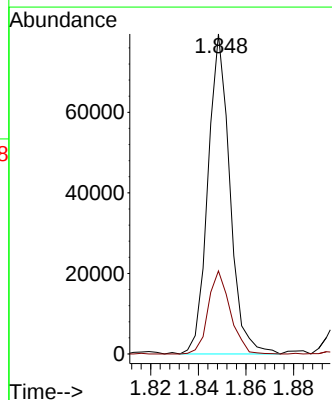
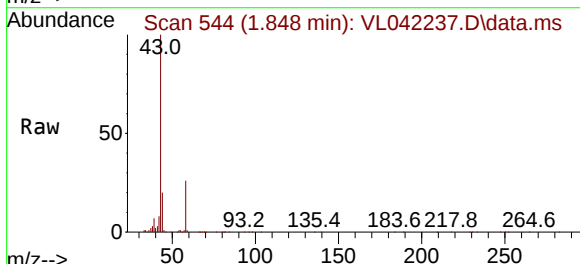
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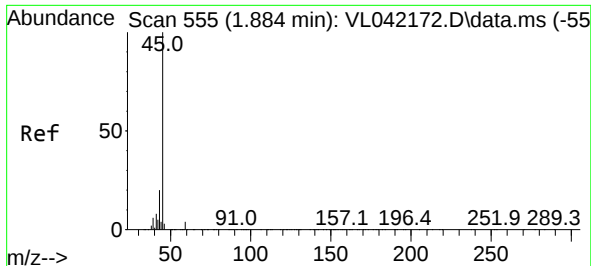
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#15
Acetone
Concen: 1.814 ppbv
RT: 1.848 min Scan# 544
Delta R.T. 0.016 min
Lab File: VL042237.D
Acq: 07 Apr 2025 18:15

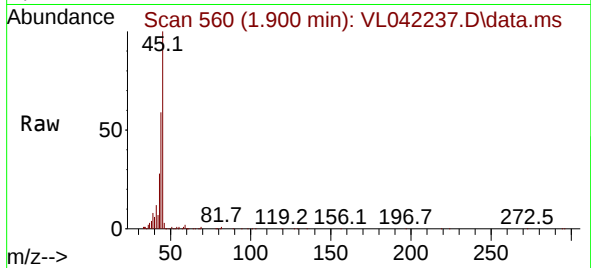
Tgt Ion: 43 Resp: 50890
Ion Ratio Lower Upper
43 100
58 25.9 23.2 34.8





#19
Isopropyl Alcohol
Concen: 1.433 ppbv
RT: 1.900 min Scan# 50
Delta R.T. 0.016 min
Lab File: VL042237.D
Acq: 07 Apr 2025 18:15

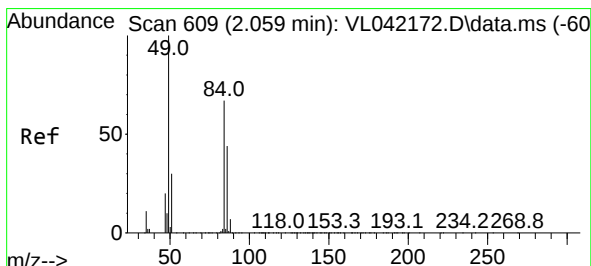
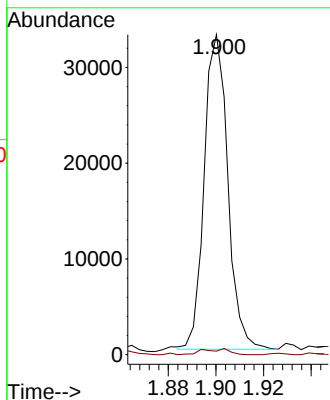
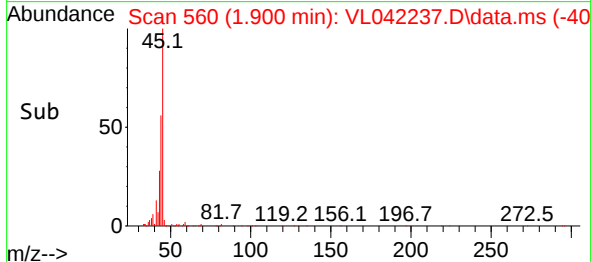
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-4-04012025DL2



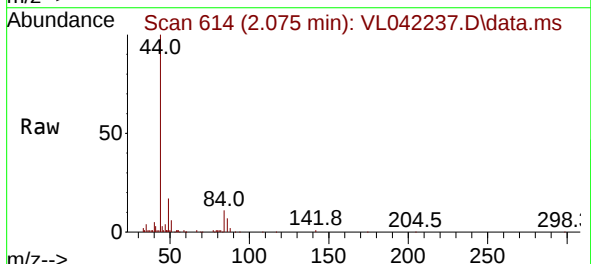
Tgt Ion: 45 Resp: 2268
Ion Ratio Lower Upper
45 100
58 58.5 36.9 55.3

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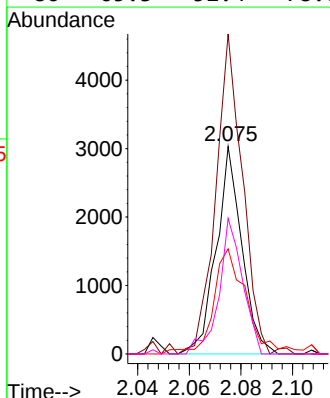
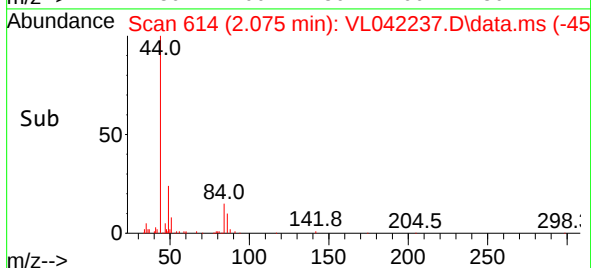
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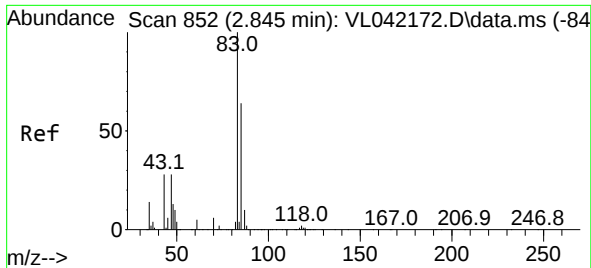


#20
Methylene Chloride
Concen: 0.200 ppbv
RT: 2.075 min Scan# 614
Delta R.T. 0.016 min
Lab File: VL042237.D
Acq: 07 Apr 2025 18:15



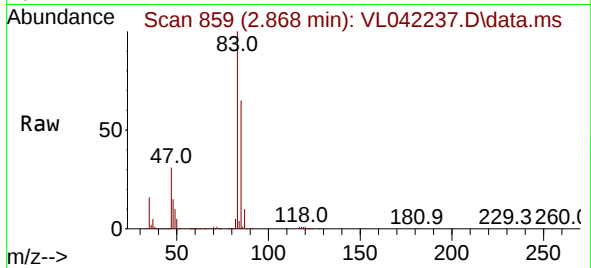
Tgt Ion: 84 Resp: 2093
Ion Ratio Lower Upper
84 100
49 154.2 120.2 180.4
51 48.4 37.4 56.0
86 65.3 52.4 78.6





#29
Chloroform
Concen: 22.245 ppbv
RT: 2.868 min Scan# 81
Delta R.T. 0.023 min
Lab File: VL042237.D
Acq: 07 Apr 2025 18:15

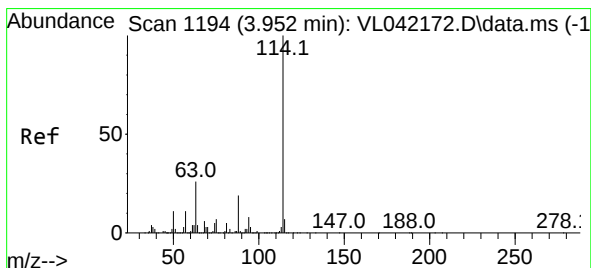
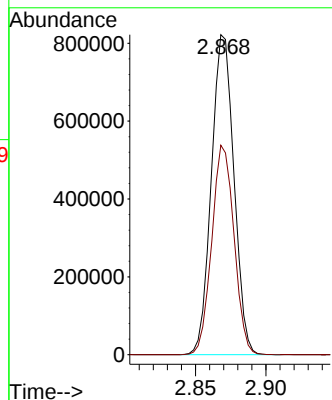
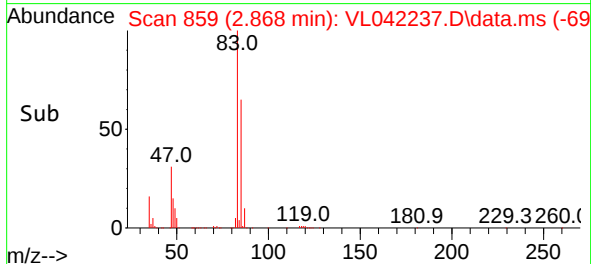
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-4-04012025DL2



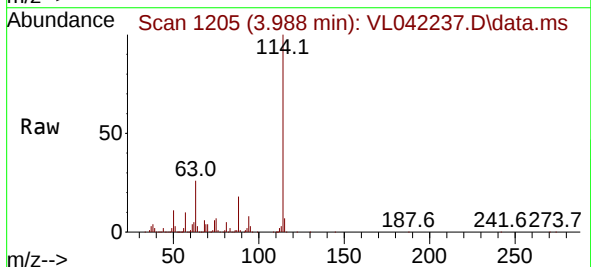
Tgt Ion: 83 Resp: 91572
Ion Ratio Lower Upper
83 100
85 65.4 51.4 77.2

Manual Integrations
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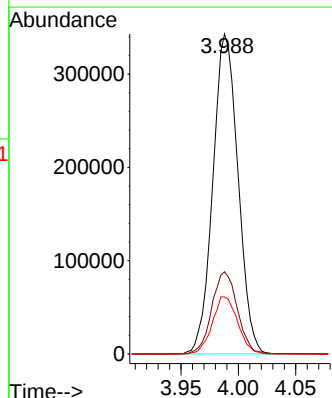
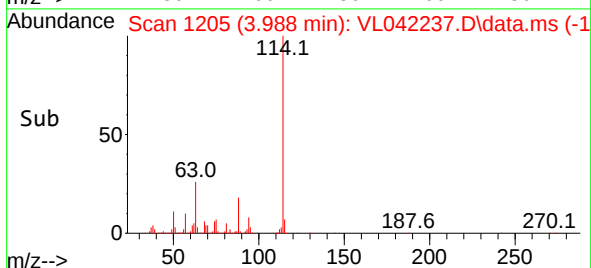
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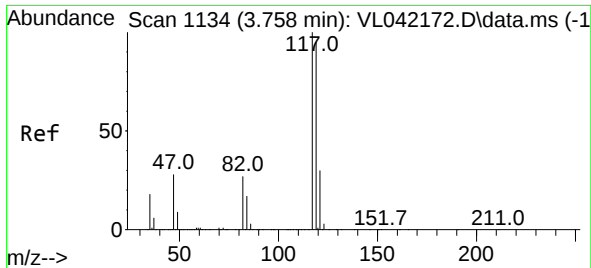


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.988 min Scan# 1205
Delta R.T. 0.035 min
Lab File: VL042237.D
Acq: 07 Apr 2025 18:15



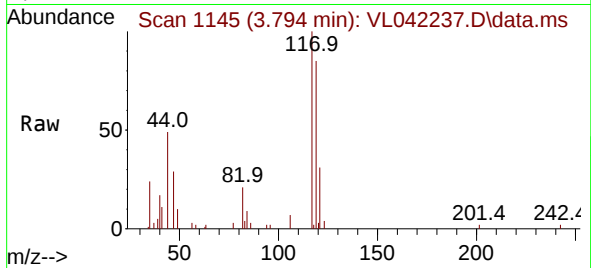
Tgt Ion:114 Resp: 522646
Ion Ratio Lower Upper
114 100
63 26.1 20.7 31.1
88 18.0 15.0 22.4





#35
Carbon Tetrachloride
Concen: 0.172 ppbv m
RT: 3.794 min Scan# 1134
Delta R.T. 0.035 min
Lab File: VL042237.D
Acq: 07 Apr 2025 18:15

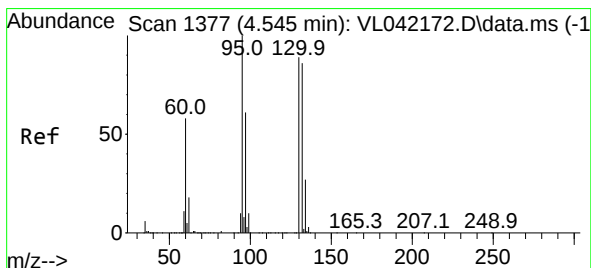
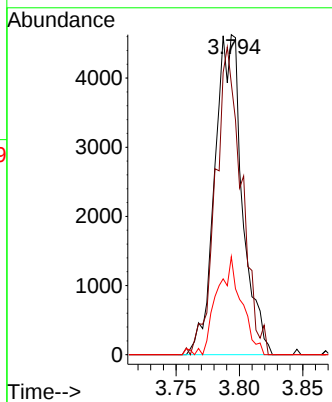
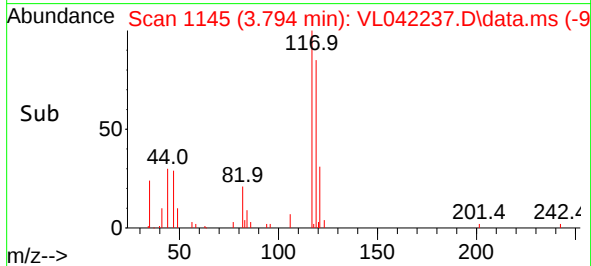
Instrument : MSVOA_L
ClientSampleId : SSSG-B10-4-04012025DL2



Tgt Ion:117 Resp: 7028
Ion Ratio Lower Upper
117 100
119 84.7 76.2 114.2
121 30.6 24.2 36.4

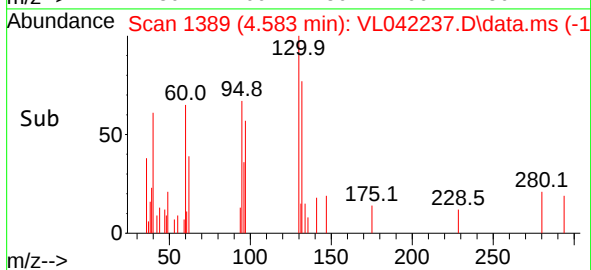
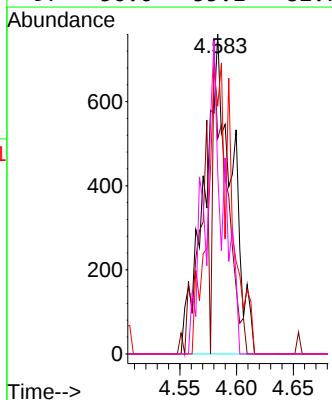
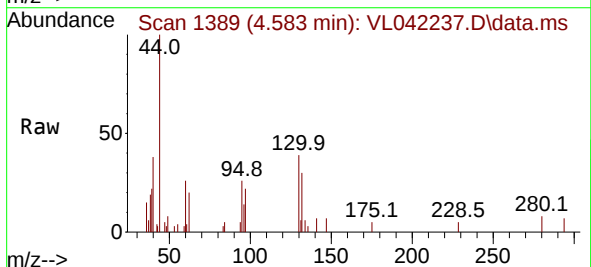
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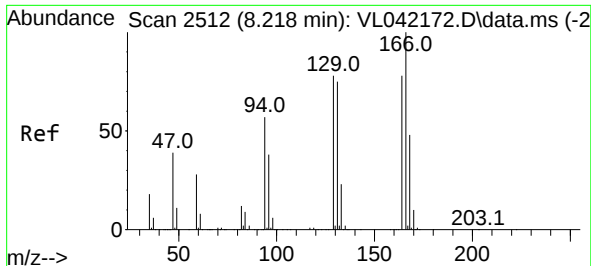
Reviewed By :Semsettin Yesilyurt 04/08/2025
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#38
Trichloroethene
Concen: 0.060 ppbv m
RT: 4.583 min Scan# 1389
Delta R.T. 0.039 min
Lab File: VL042237.D
Acq: 07 Apr 2025 18:15

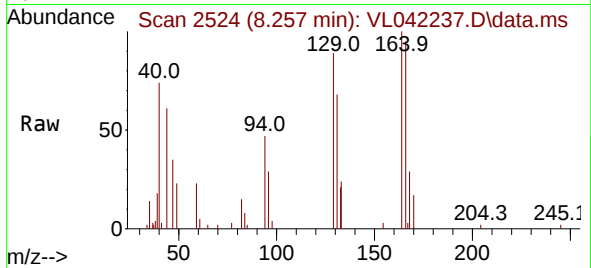
Tgt Ion:130 Resp: 1290
Ion Ratio Lower Upper
130 100
95 67.4 89.8 134.8#
132 77.4 77.4 116.2#
97 56.6 55.1 82.7





#52
Tetrachloroethene
Concen: 0.159 ppbv m
RT: 8.257 min Scan# 21
Delta R.T. 0.039 min
Lab File: VL042237.D
Acq: 07 Apr 2025 18:15

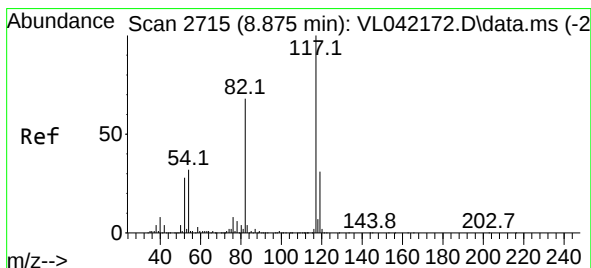
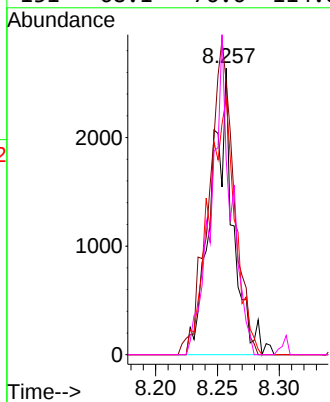
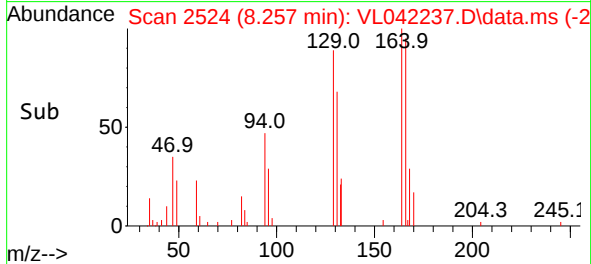
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-4-04012025DL2



Tgt Ion:164 Resp: 3274
Ion Ratio Lower Upper
164 100
166 95.0 102.5 153.7
129 89.3 79.8 119.8
131 68.1 76.6 114.8#

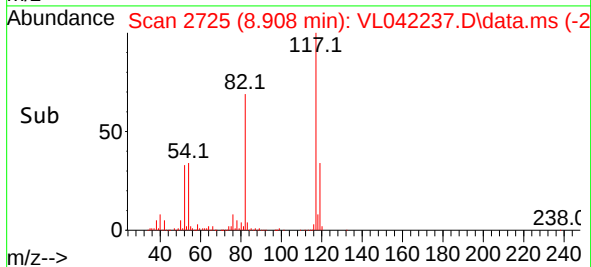
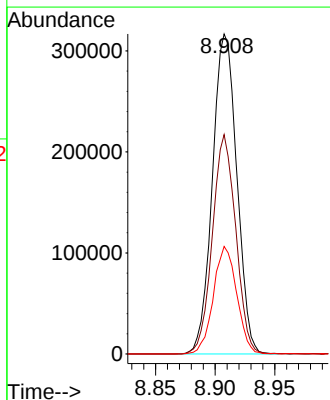
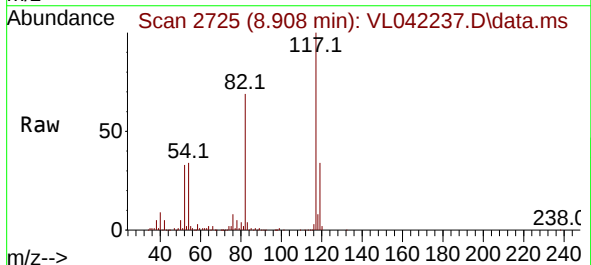
Manual Integrations
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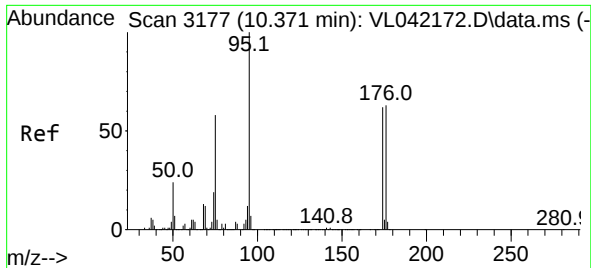
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.908 min Scan# 2725
Delta R.T. 0.032 min
Lab File: VL042237.D
Acq: 07 Apr 2025 18:15

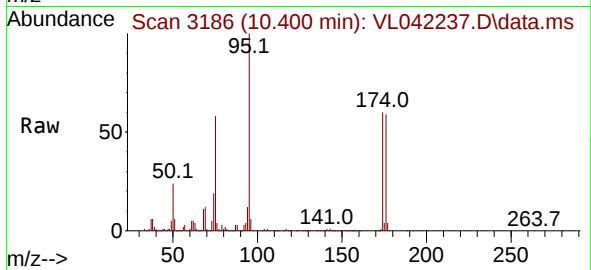
Tgt Ion:117 Resp: 451439
Ion Ratio Lower Upper
117 100
82 65.5 55.8 83.6
119 32.4 25.5 38.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.454 ppbv
 RT: 10.400 min Scan# 3177
 Delta R.T. 0.029 min
 Lab File: VL042237.D
 Acq: 07 Apr 2025 18:15

Instrument : MSVOA_L
 ClientSampleId : SSSG-B10-4-04012025DL2



Tgt Ion: 95 Resp: 350490
 Ion Ratio Lower Upper
 95 100
 174 59.4 50.6 76.0
 175 4.4 3.8 5.6

Manual Integrations
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