

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
 Data File : VL042453.D
 Acq On : 29 Apr 2025 18:42
 Operator : SY/MD
 Sample : Q1665-21DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-1-3242025DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025

Quant Time: Apr 30 01:24:39 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Fri Apr 18 02:14:00 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	114227	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.972	114	302811	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.895	117	257605	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	229916	10.861	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.502	85	2620	0.130	ppbv #	72
4) Chloromethane	1.535	50	1272	0.159	ppbv #	87
9) Propene	1.493	41	2655m	0.303	ppbv	
13) Ethanol	1.726	45	267493	192.292	ppbv	76
15) Acetone	1.842	43	73473	3.929	ppbv	100
19) Isopropyl Alcohol	1.891	45	95671	9.210	ppbv #	36
20) Methylene Chloride	2.069	84	5787	0.790	ppbv	92
26) Hexane	2.836	57	10634	0.570	ppbv #	39
34) 2-Butanone	2.567	43	4171	0.174	ppbv	94
53) Toluene	6.950	91	56027	1.429	ppbv	97
59) m/p-Xylene	9.539	91	7499m	0.182	ppbv	

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

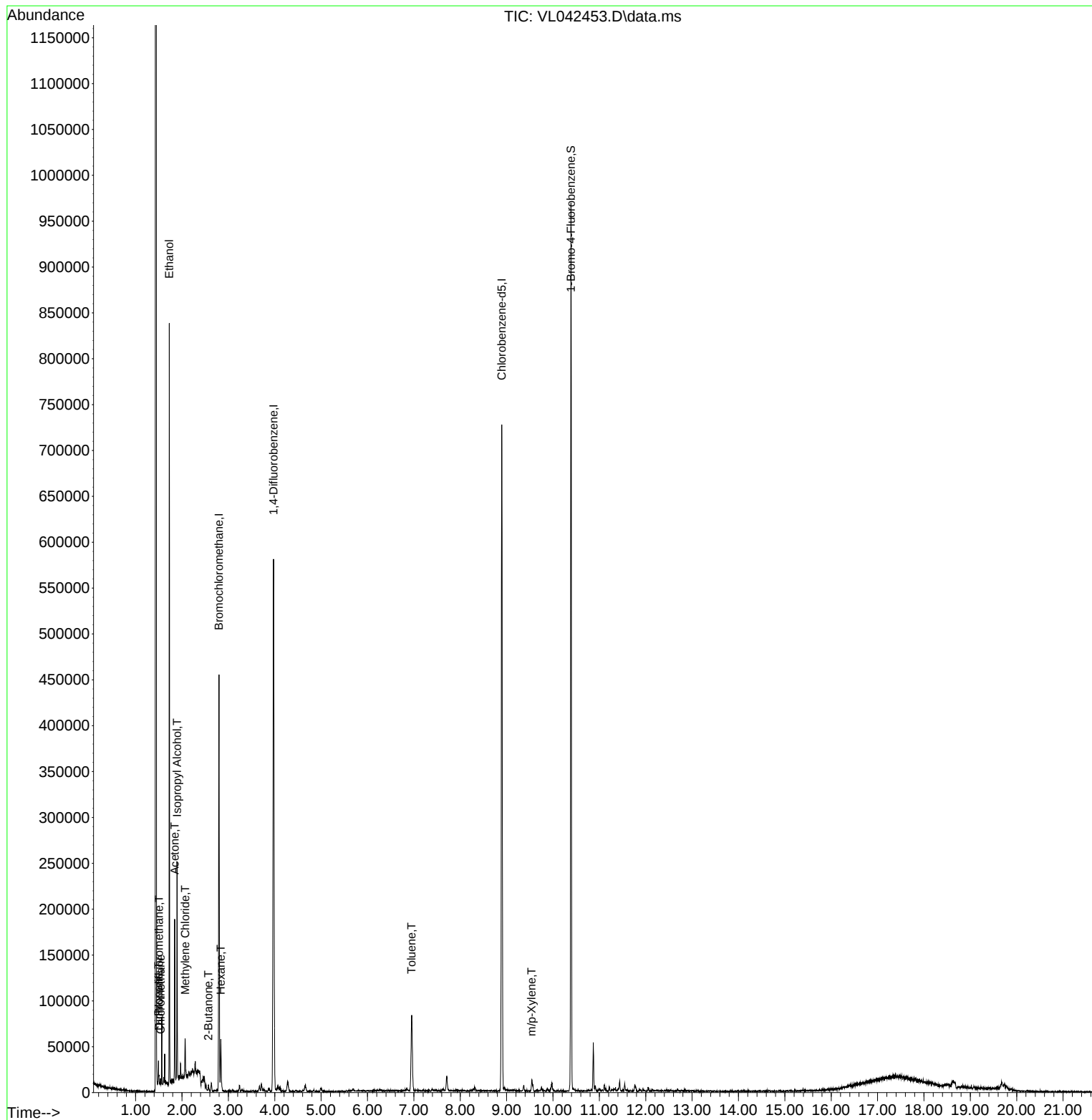
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
Data File : VL042453.D
Acq On : 29 Apr 2025 18:42
Operator : SY/MD
Sample : Q1665-21DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 15 Sample Multiplier: 1

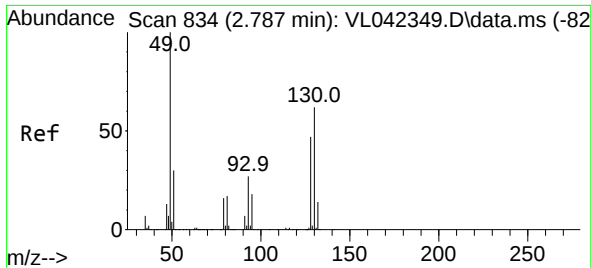
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025DL

Quant Time: Apr 30 01:24:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Apr 18 02:14:00 2025
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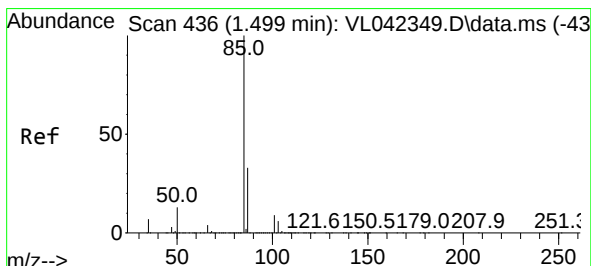
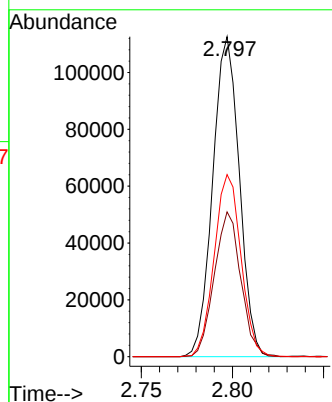
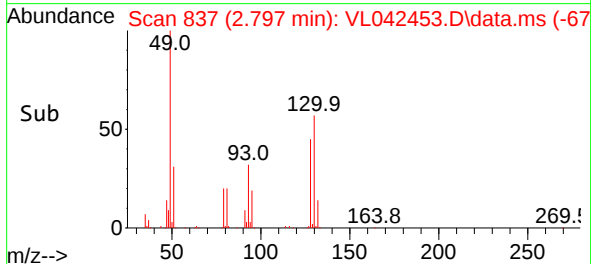
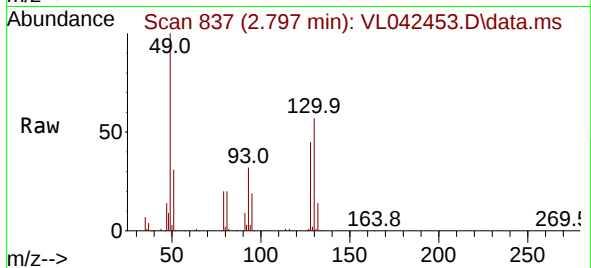
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL042453.D
Acq: 29 Apr 2025 18:42

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025DL

Tgt Ion: 49 Resp: 11422
Ion Ratio Lower Upper
49 100
128 44.9 22.8 68.4
130 57.3 29.3 88.0

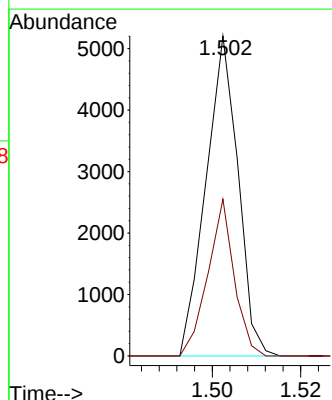
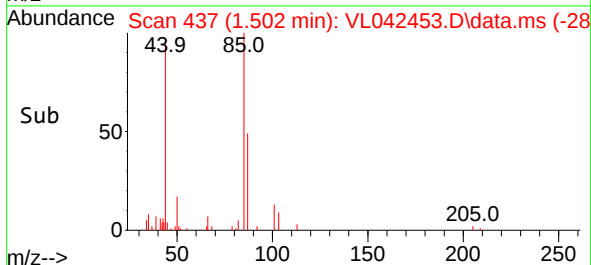
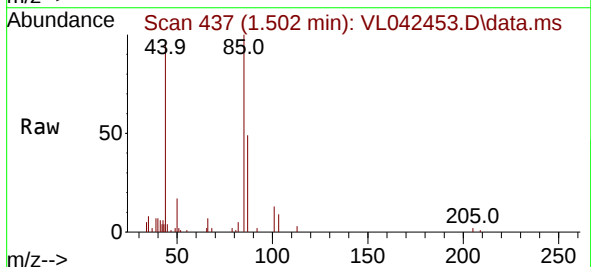
Manual Integrations
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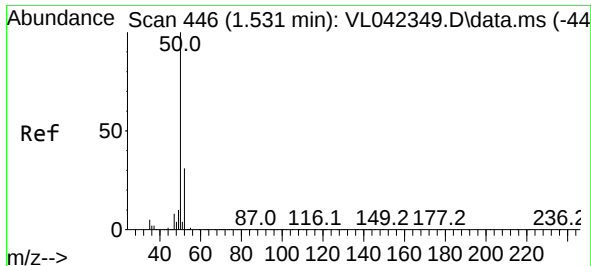
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#2
Dichlorodifluoromethane
Concen: 0.130 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.004 min
Lab File: VL042453.D
Acq: 29 Apr 2025 18:42

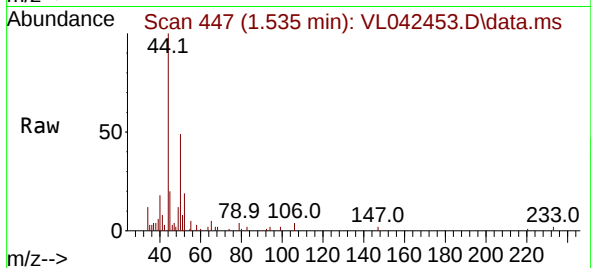
Tgt Ion: 85 Resp: 2620
Ion Ratio Lower Upper
85 100
87 49.0 26.6 39.8#





#4
Chloromethane
Concen: 0.159 ppbv
RT: 1.535 min Scan# 446
Delta R.T. 0.004 min
Lab File: VL042453.D
Acq: 29 Apr 2025 18:42

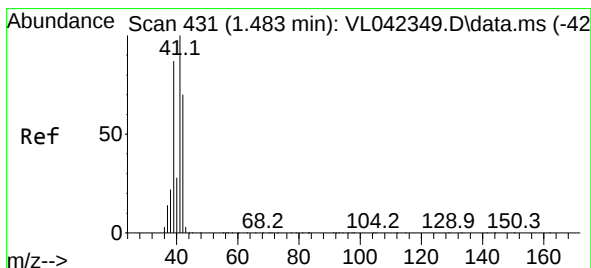
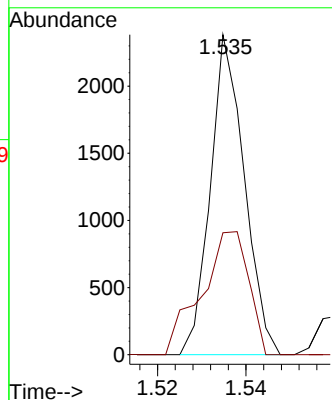
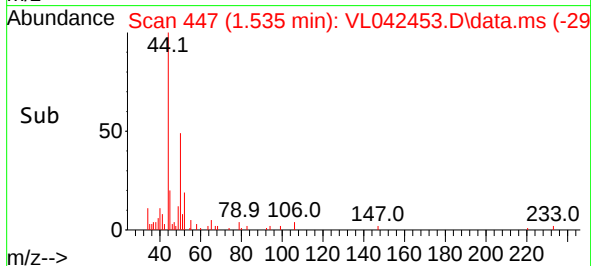
Instrument :
MSVOA_L
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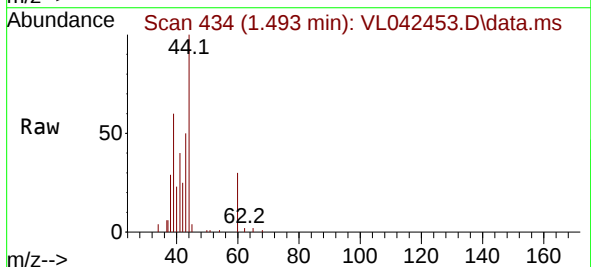
Tgt Ion: 50 Resp: 1272
Ion Ratio Lower Upper
50 100
52 38.1 24.7 37.1

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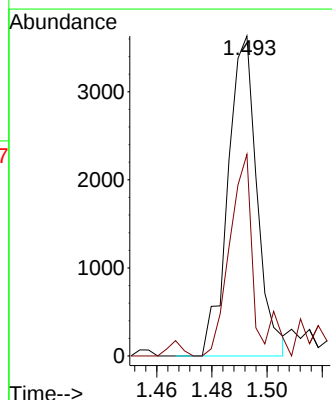
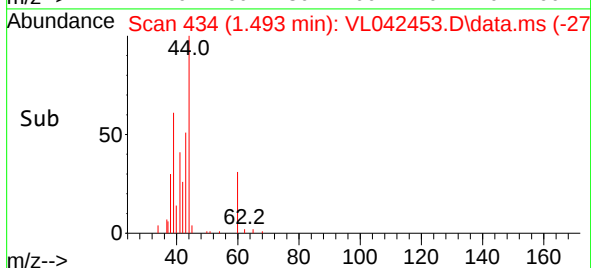
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

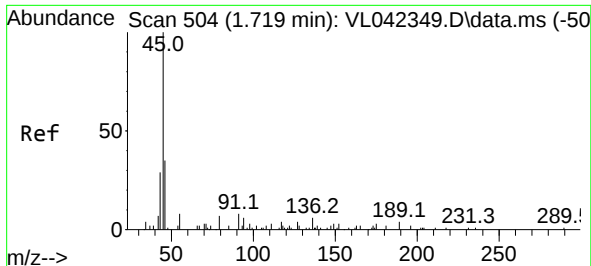


#9
Propene
Concen: 0.303 ppbv m
RT: 1.493 min Scan# 434
Delta R.T. 0.010 min
Lab File: VL042453.D
Acq: 29 Apr 2025 18:42



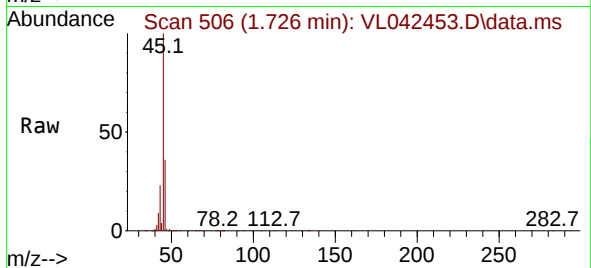
Tgt Ion: 41 Resp: 2655
Ion Ratio Lower Upper
41 100
42 77.1 56.2 84.4





#13
Ethanol
Concen: 192.292 ppbv
RT: 1.726 min Scan# 504
Delta R.T. 0.007 min
Lab File: VL042453.D
Acq: 29 Apr 2025 18:42

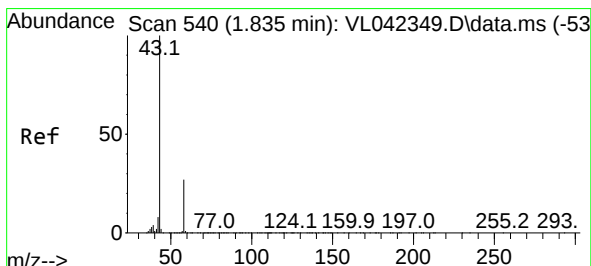
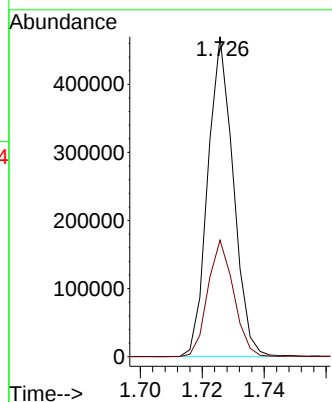
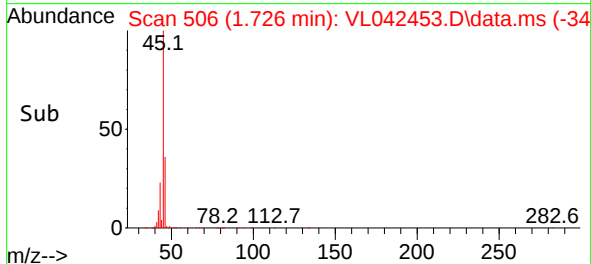
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025DL



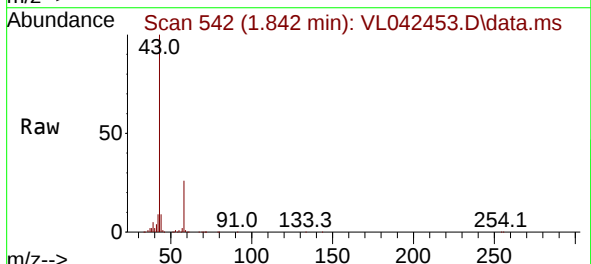
Tgt Ion: 45 Resp: 267493
Ion Ratio Lower Upper
45 100
46 37.5 21.9 87.7

Manual Integrations
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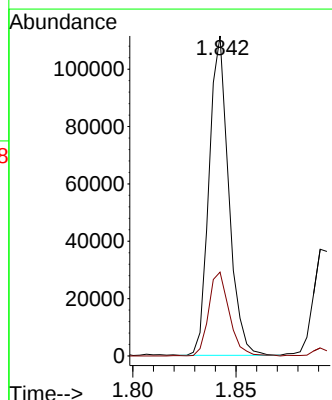
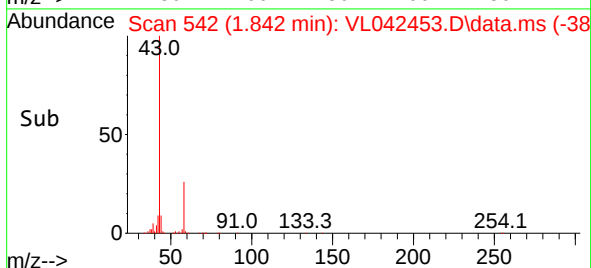
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

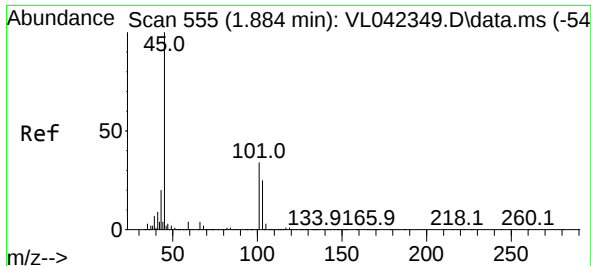


#15
Acetone
Concen: 3.929 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.007 min
Lab File: VL042453.D
Acq: 29 Apr 2025 18:42



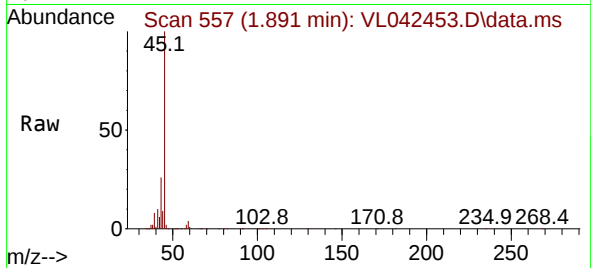
Tgt Ion: 43 Resp: 73473
Ion Ratio Lower Upper
43 100
58 27.8 22.4 33.6





#19
Isopropyl Alcohol
Concen: 9.210 ppbv
RT: 1.891 min Scan# 51
Delta R.T. 0.007 min
Lab File: VL042453.D
Acq: 29 Apr 2025 18:42

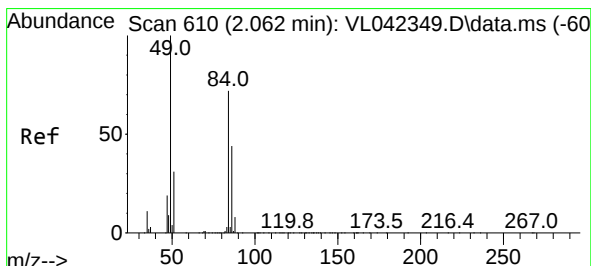
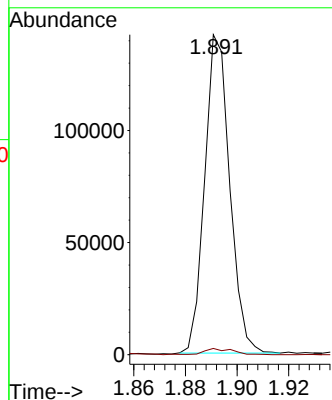
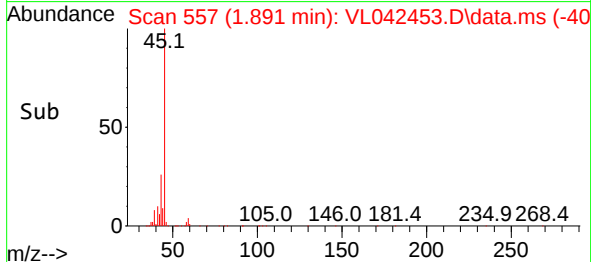
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025DL



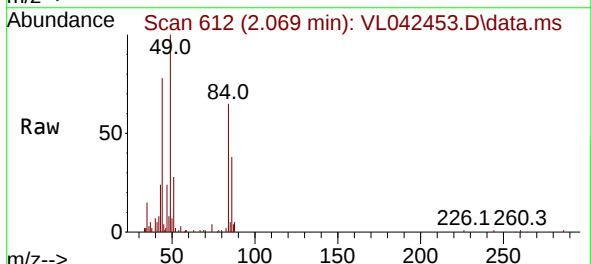
Tgt Ion: 45 Resp: 9567
Ion Ratio Lower Upper
45 100
58 2.3 34.5 51.7

Manual Integrations
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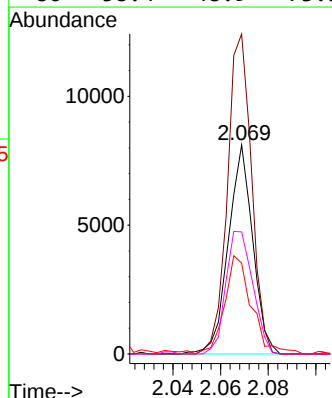
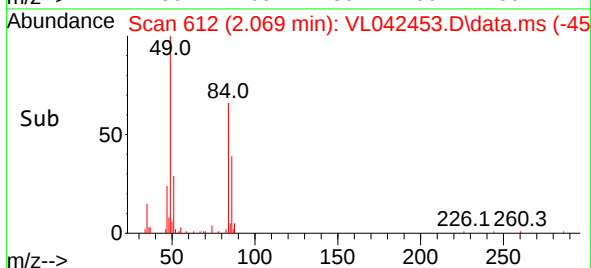
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

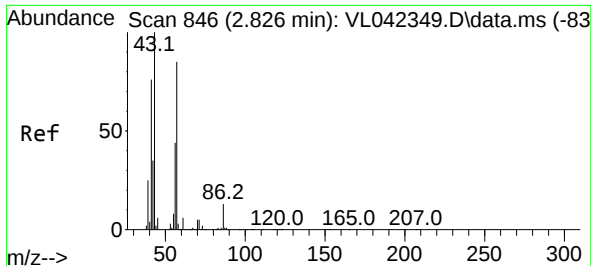


#20
Methylene Chloride
Concen: 0.790 ppbv
RT: 2.069 min Scan# 612
Delta R.T. 0.007 min
Lab File: VL042453.D
Acq: 29 Apr 2025 18:42



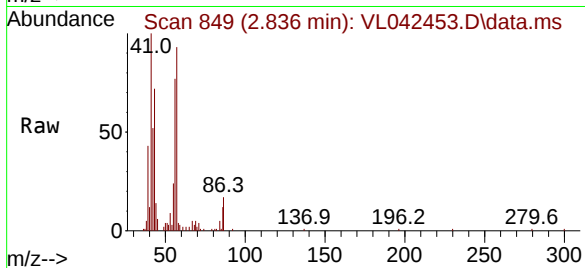
Tgt Ion: 84 Resp: 5787
Ion Ratio Lower Upper
84 100
49 153.1 111.6 167.4
51 42.5 35.1 52.7
86 58.4 48.9 73.3





#26
Hexane
Concen: 0.570 ppbv
RT: 2.836 min Scan# 846
Delta R.T. 0.010 min
Lab File: VL042453.D
Acq: 29 Apr 2025 18:42

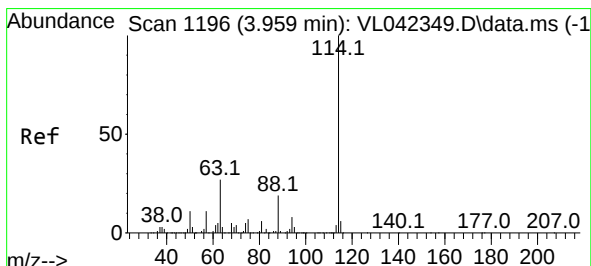
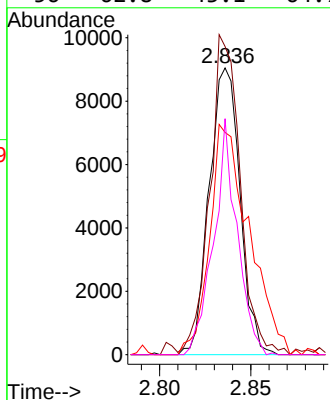
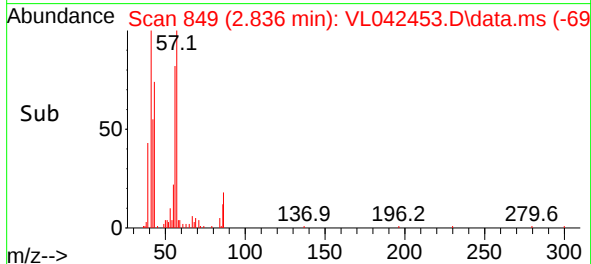
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025DL



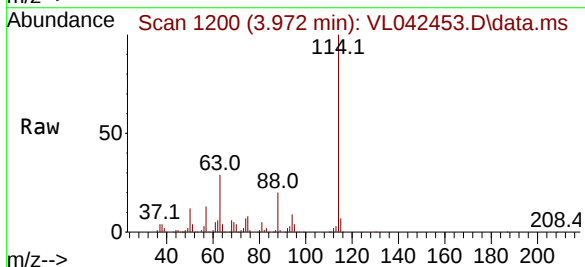
Tgt Ion: 57 Resp: 10634
Ion Ratio Lower Upper
57 100
41 112.6 77.9 116.9
43 102.9 208.4 312.6
56 62.8 43.1 64.7

Manual Integrations
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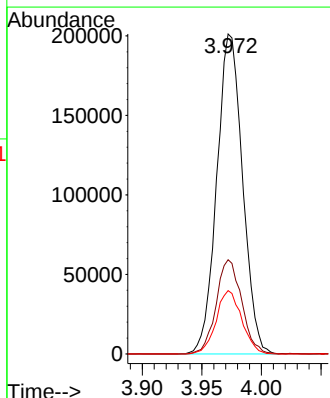
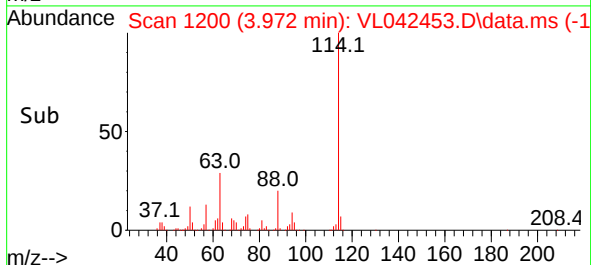
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

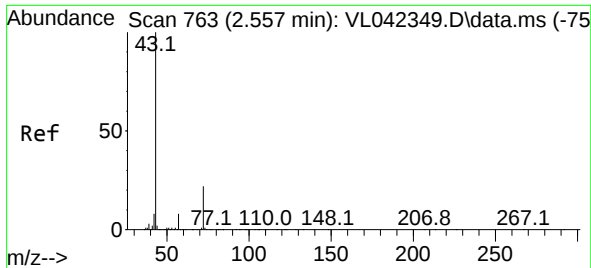


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1200
Delta R.T. 0.013 min
Lab File: VL042453.D
Acq: 29 Apr 2025 18:42



Tgt Ion:114 Resp: 302811
Ion Ratio Lower Upper
114 100
63 29.1 21.8 32.6
88 19.6 15.5 23.3





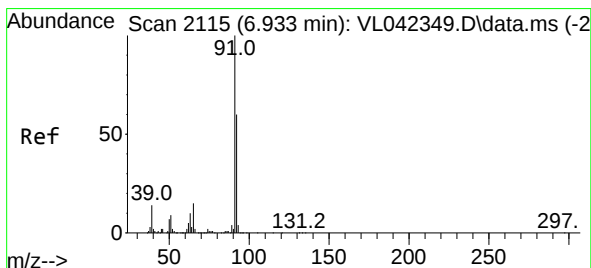
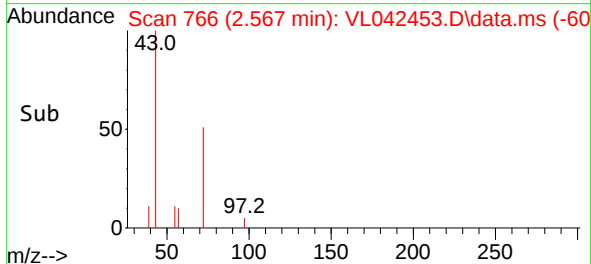
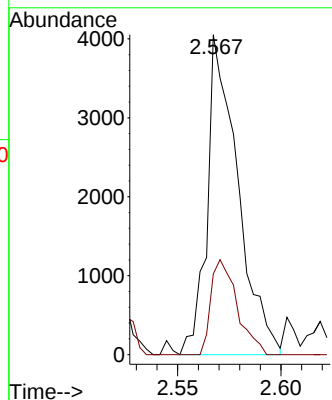
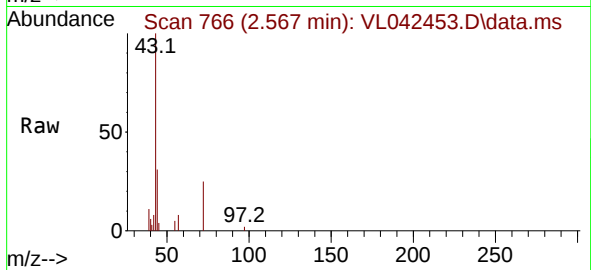
#34
2-Butanone
Concen: 0.174 ppbv
RT: 2.567 min Scan# 70
Delta R.T. 0.010 min
Lab File: VL042453.D
Acq: 29 Apr 2025 18:42

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025DL

Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
72 25.4 18.2 27.2

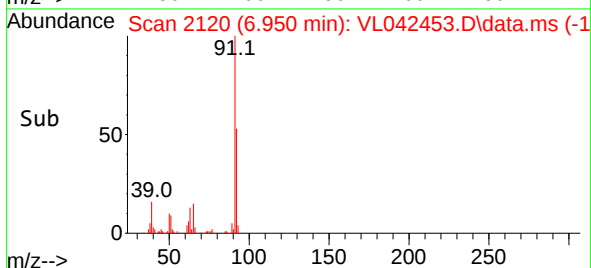
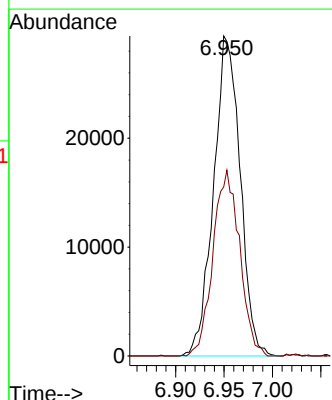
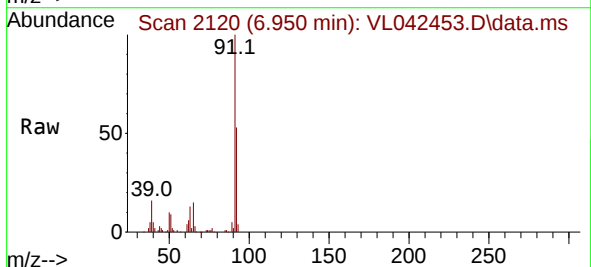
Manual Integrations
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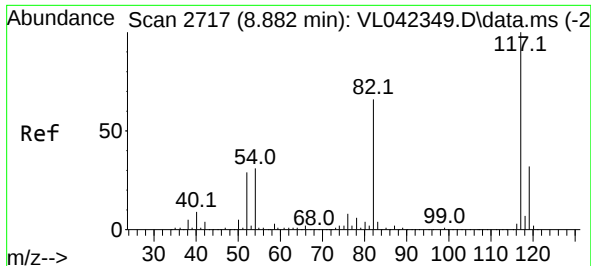
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#53
Toluene
Concen: 1.429 ppbv
RT: 6.950 min Scan# 2120
Delta R.T. 0.017 min
Lab File: VL042453.D
Acq: 29 Apr 2025 18:42

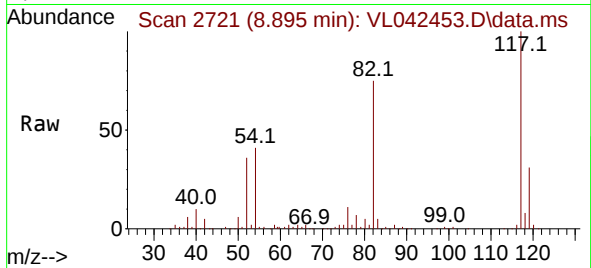
Tgt Ion: 91 Resp: 56027
Ion Ratio Lower Upper
91 100
92 58.2 48.2 72.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042453.D
Acq: 29 Apr 2025 18:42

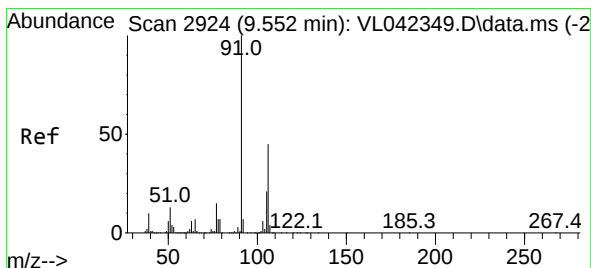
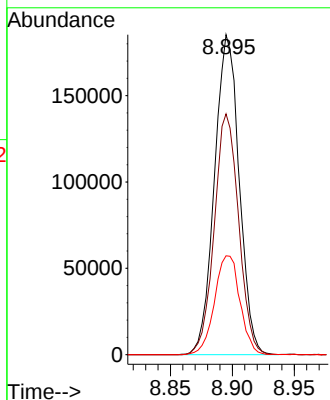
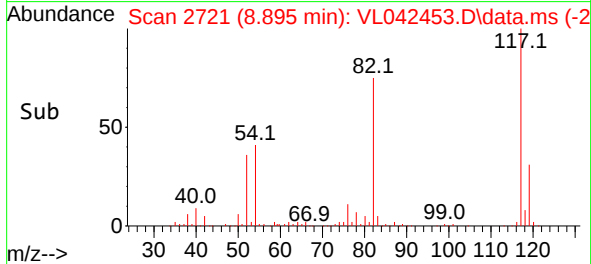
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025DL



Tgt Ion:117 Resp: 25760
Ion Ratio Lower Upper
117 100
82 74.3 57.8 86.6
119 31.9 25.2 37.8

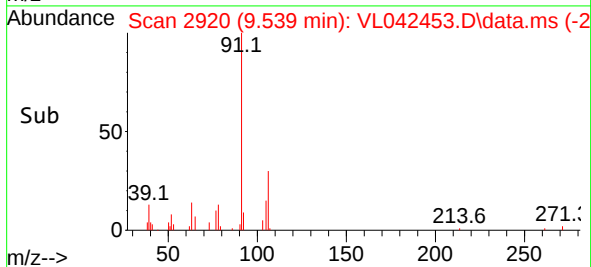
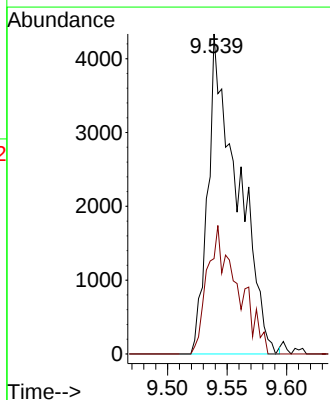
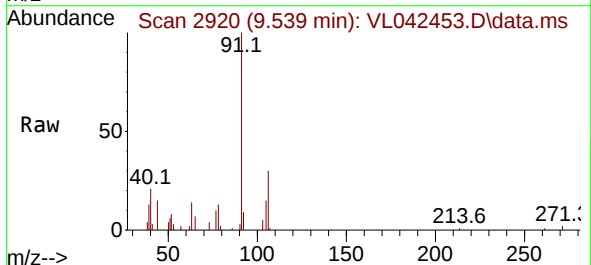
Manual Integrations
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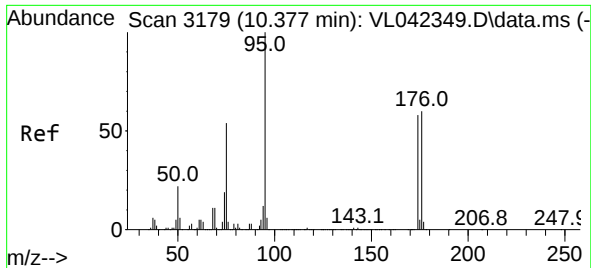
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#59
m/p-Xylene
Concen: 0.182 ppbv m
RT: 9.539 min Scan# 2920
Delta R.T. -0.013 min
Lab File: VL042453.D
Acq: 29 Apr 2025 18:42

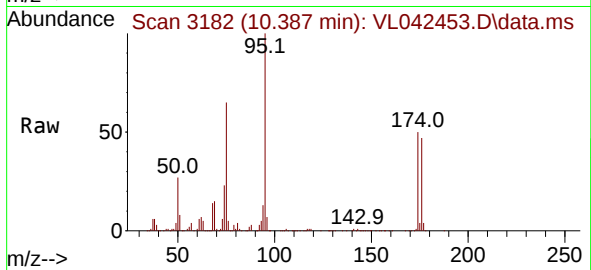
Tgt Ion: 91 Resp: 7499
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.861 ppbv
 RT: 10.387 min Scan# 3179
 Delta R.T. 0.010 min
 Lab File: VL042453.D
 Acq: 29 Apr 2025 18:42

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-1-3242025DL



Tgt Ion: 95 Resp: 229910
 Ion Ratio Lower Upper
 95 100
 174 51.3 48.5 72.7
 175 3.6 3.7 5.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025

