

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041825\
 Data File : VL042386.D
 Acq On : 18 Apr 2025 12:09
 Operator : SY/MD
 Sample : Q1726-07DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-4-03312025DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

Quant Time: Apr 18 22:57:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri 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	2.787	49	137576	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	424572	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	368674	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	298684	9.859	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%
Target Compounds						
					Qvalue	
9) Propene	1.622	41	2578	0.245	ppbv	99
13) Ethanol	1.722	45	11275	6.730	ppbv	79
15) Acetone	1.835	43	264945	11.764	ppbv	100
19) Isopropyl Alcohol	1.887	45	9262	0.740	ppbv #	1
44) 2,2,4-Trimethylpentane	4.638	57	14250	0.180	ppbv #	88
53) Toluene	6.930	91	25162m	0.458	ppbv	
59) m/p-Xylene	9.529	91	17952m	0.305	ppbv	
60) o-Xylene	9.963	91	6838	0.115	ppbv	94

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

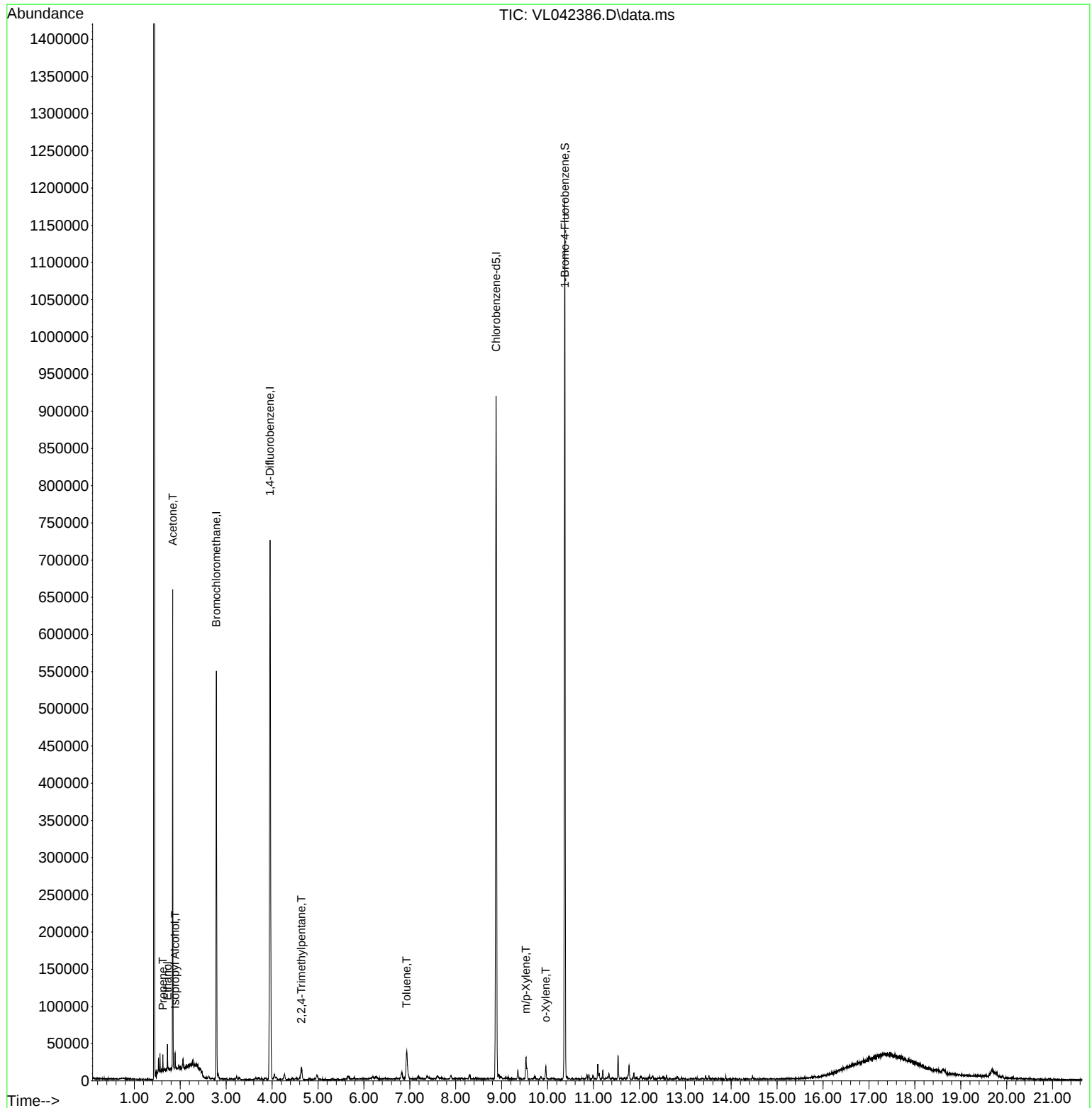
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041825\
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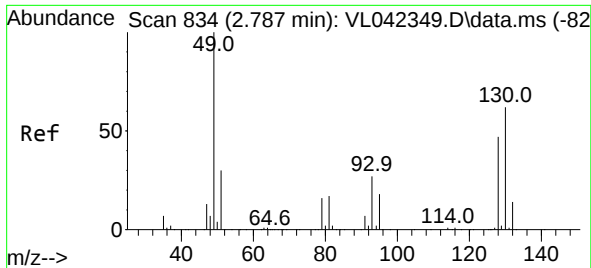
Instrument :
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ClientSampleId :
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Quant Time: Apr 18 22:57:29 2025
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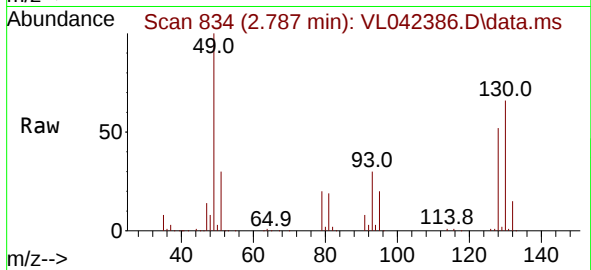
Reviewed By : Semsettin Yesilyurt 04/21/2025
Supervised By : Mahesh Dadoda 04/21/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042386.D
Acq: 18 Apr 2025 12:09

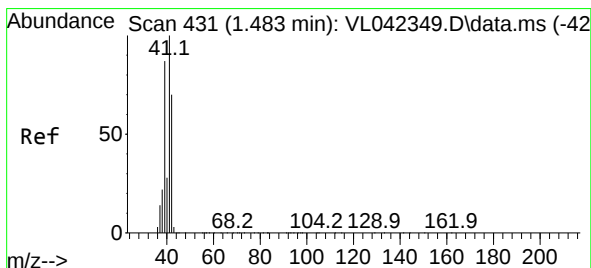
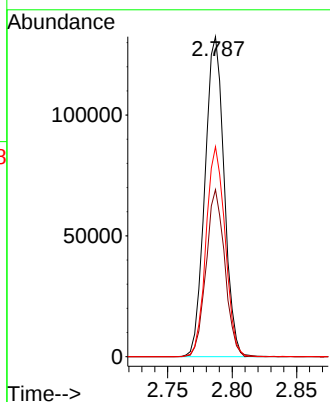
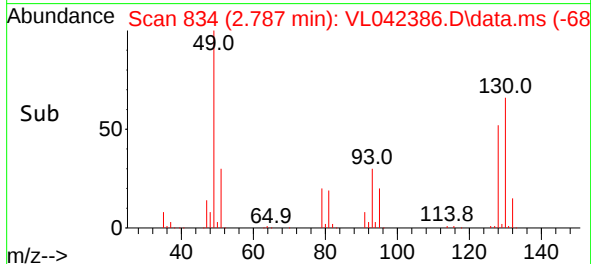
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-4-03312025DL2



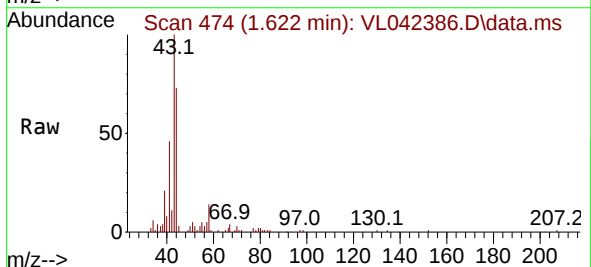
Tgt Ion: 49 Resp: 137570
Ion Ratio Lower Upper
49 100
128 50.8 22.8 68.4
130 65.1 29.3 88.0

Manual Integrations
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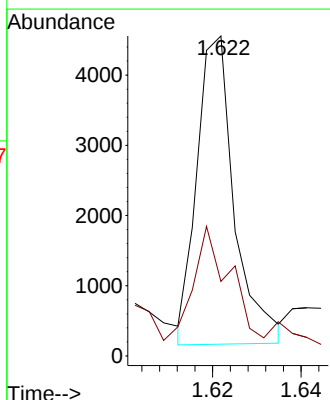
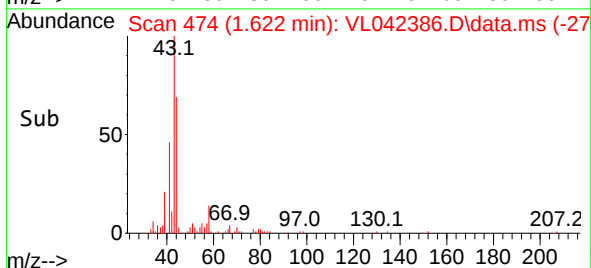
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

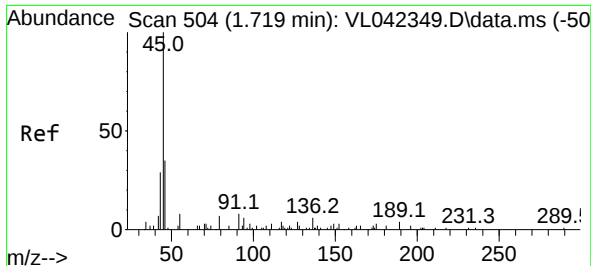


#9
Propene
Concen: 0.245 ppbv
RT: 1.622 min Scan# 474
Delta R.T. 0.139 min
Lab File: VL042386.D
Acq: 18 Apr 2025 12:09



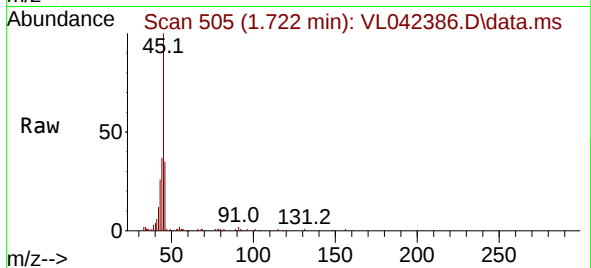
Tgt Ion: 41 Resp: 2578
Ion Ratio Lower Upper
41 100
42 71.3 56.2 84.4





#13
Ethanol
Concen: 6.730 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042386.D
Acq: 18 Apr 2025 12:09

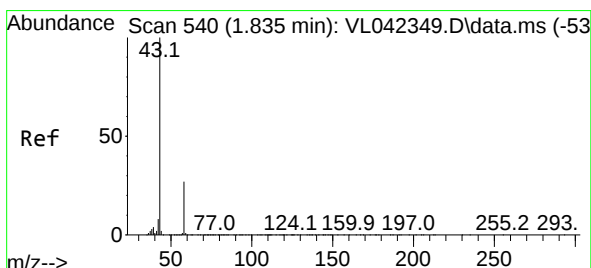
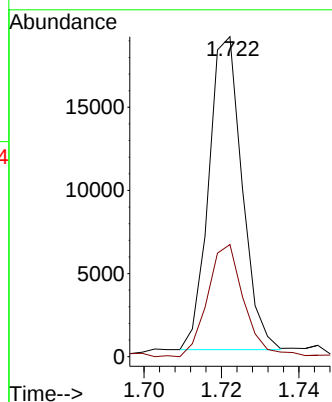
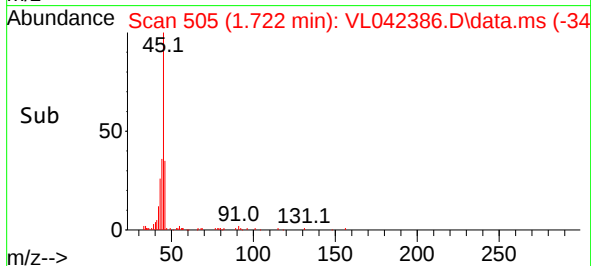
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-4-03312025DL2



Tgt Ion: 45 Resp: 11275
Ion Ratio Lower Upper
45 100
46 39.6 21.9 87.7

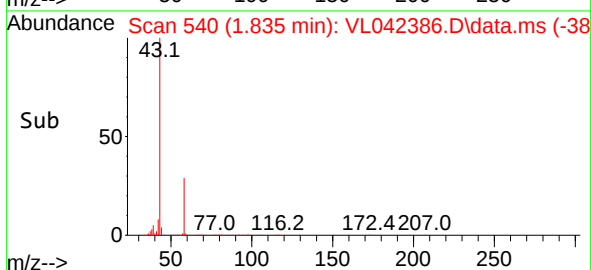
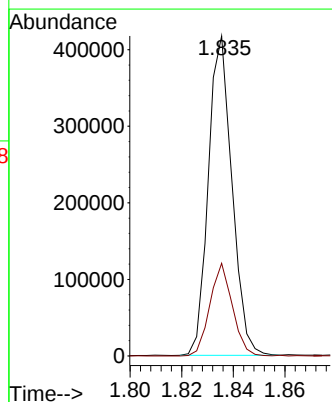
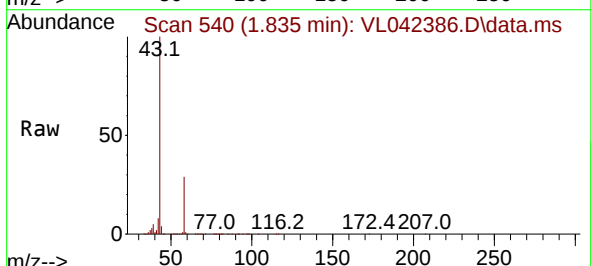
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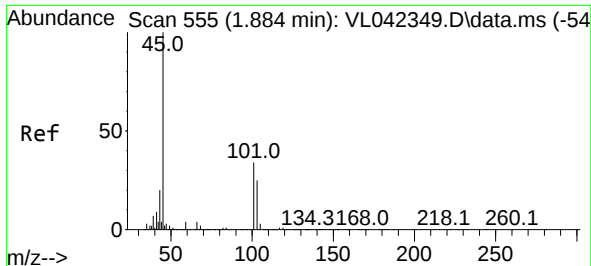
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#15
Acetone
Concen: 11.764 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042386.D
Acq: 18 Apr 2025 12:09

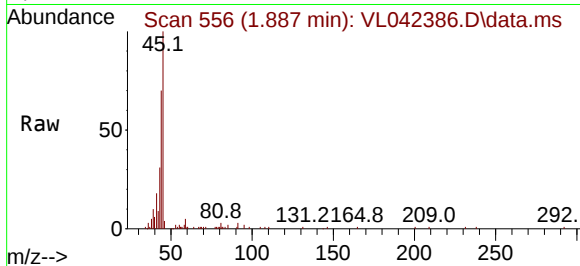
Tgt Ion: 43 Resp: 264945
Ion Ratio Lower Upper
43 100
58 27.9 22.4 33.6





#19
Isopropyl Alcohol
Concen: 0.740 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042386.D
Acq: 18 Apr 2025 12:09

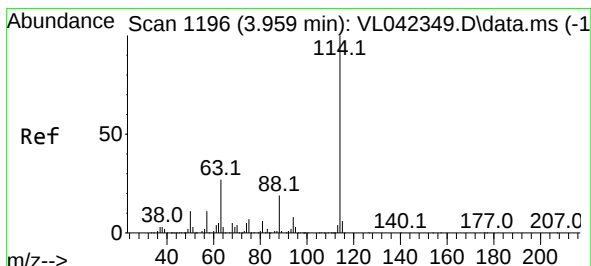
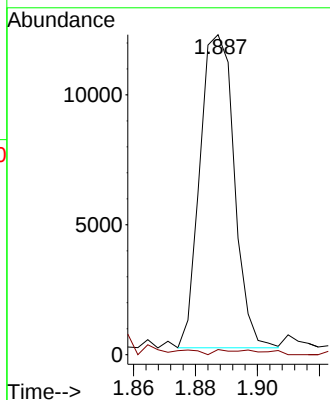
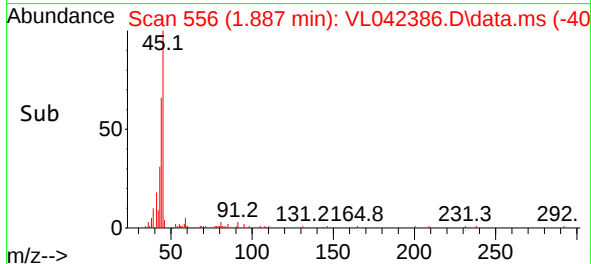
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-4-03312025DL2



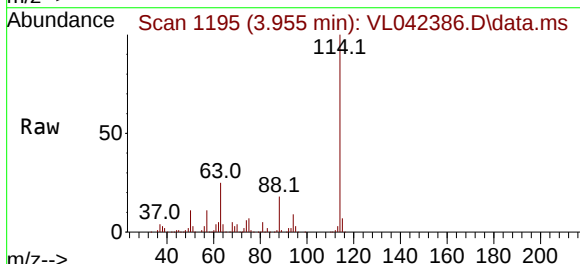
Tgt Ion: 45 Resp: 926
Ion Ratio Lower Upper
45 100
58 797.3 34.5 51.7

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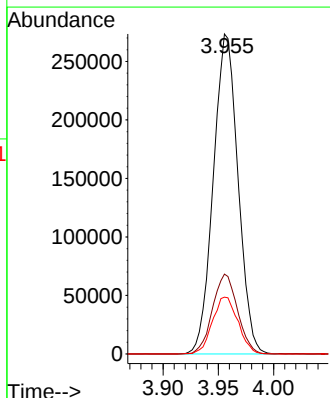
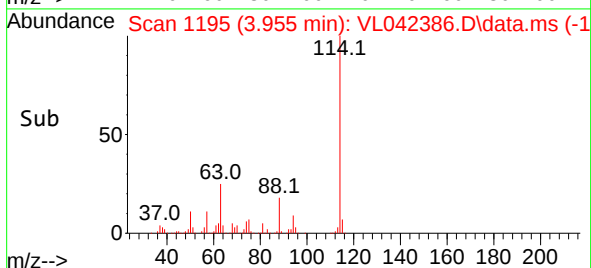
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

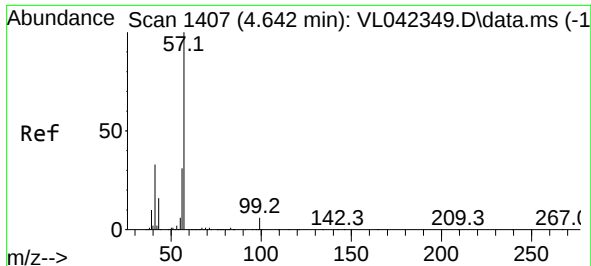


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. -0.003 min
Lab File: VL042386.D
Acq: 18 Apr 2025 12:09



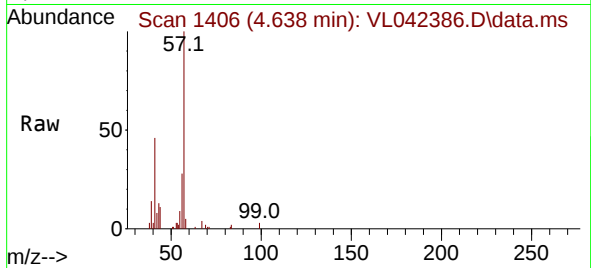
Tgt Ion:114 Resp: 424572
Ion Ratio Lower Upper
114 100
63 25.4 21.8 32.6
88 18.4 15.5 23.3





#44
2,2,4-Trimethylpentane
Concen: 0.180 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.003 min
Lab File: VL042386.D
Acq: 18 Apr 2025 12:09

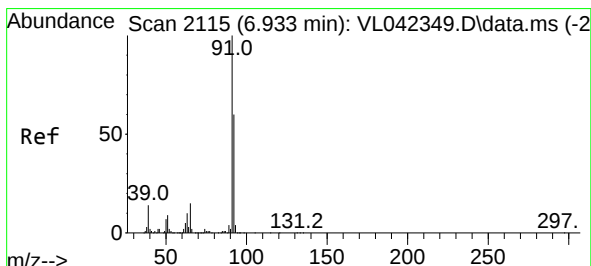
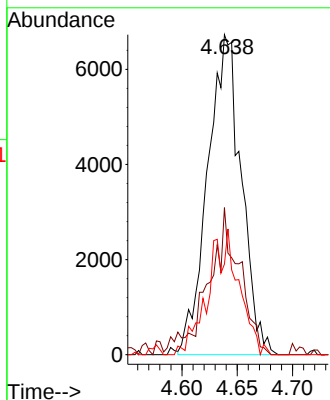
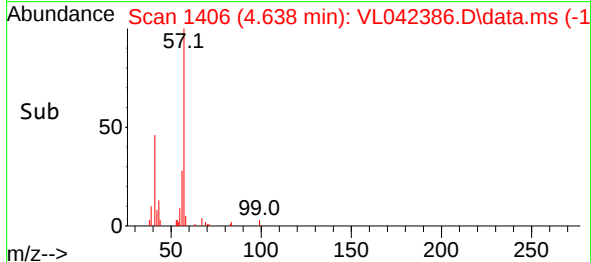
Instrument : MSVOA_L
ClientSampleId : IA-B2-4-03312025DL2



Tgt Ion: 57 Resp: 14250
Ion Ratio Lower Upper
57 100
41 43.5 27.2 40.8
56 36.0 25.7 38.5

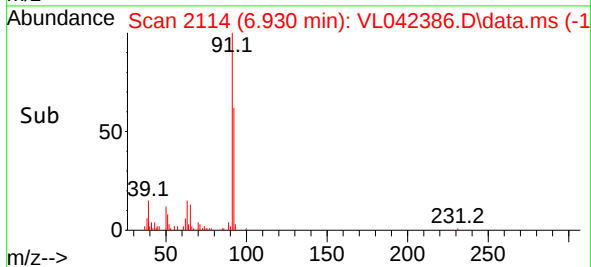
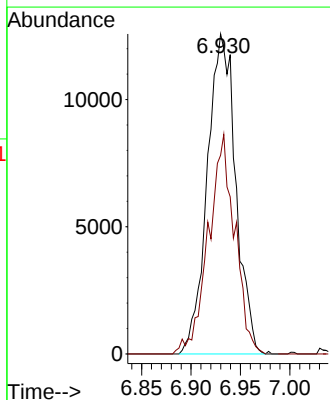
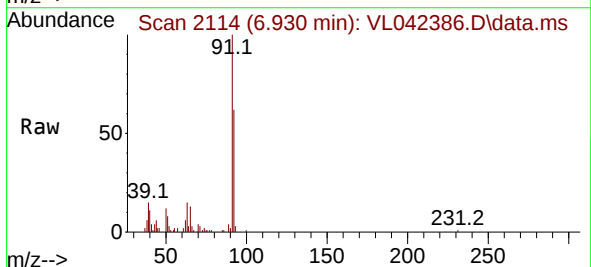
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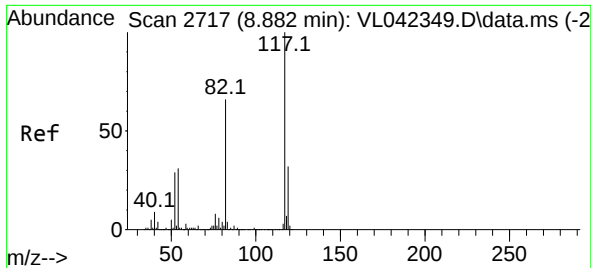
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#53
Toluene
Concen: 0.458 ppbv m
RT: 6.930 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VL042386.D
Acq: 18 Apr 2025 12:09

Tgt Ion: 91 Resp: 25162
Ion Ratio Lower Upper
91 100
92 63.7 48.2 72.4





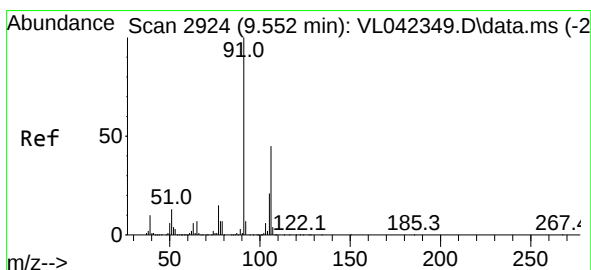
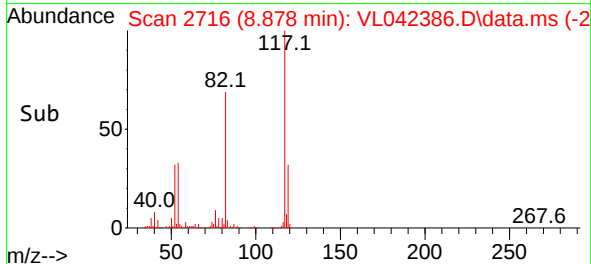
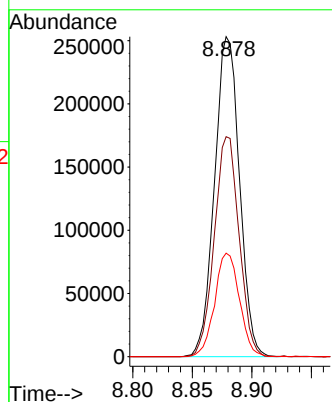
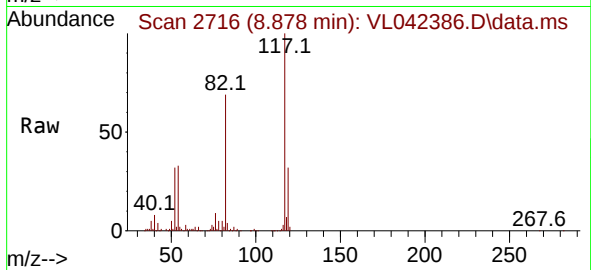
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VL042386.D
Acq: 18 Apr 2025 12:09

Instrument : MSVOA_L
ClientSampleId : IA-B2-4-03312025DL2

Tgt Ion:117 Resp: 368674
Ion Ratio Lower Upper
117 100
82 68.2 57.8 86.6
119 32.1 25.2 37.8

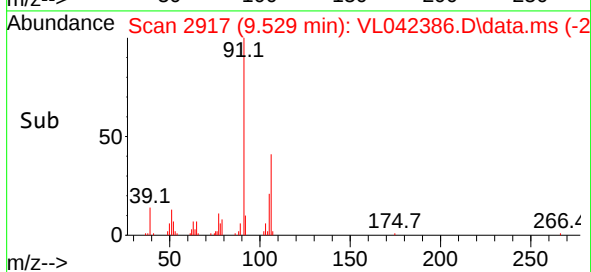
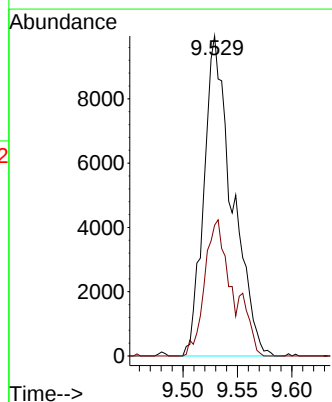
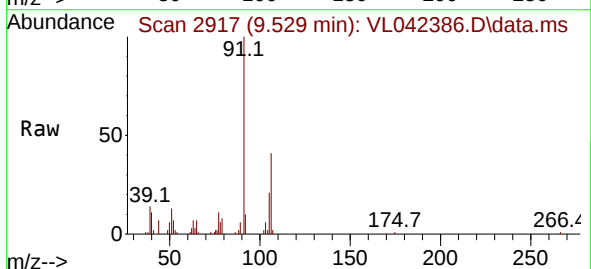
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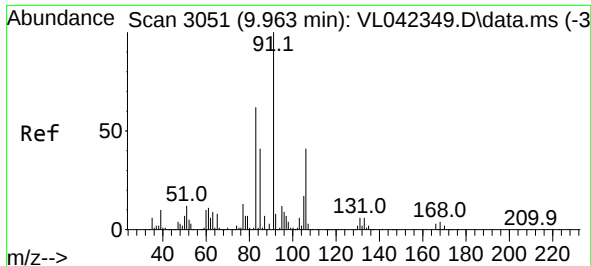
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#59
m/p-Xylene
Concen: 0.305 ppbv m
RT: 9.529 min Scan# 2917
Delta R.T. -0.023 min
Lab File: VL042386.D
Acq: 18 Apr 2025 12:09

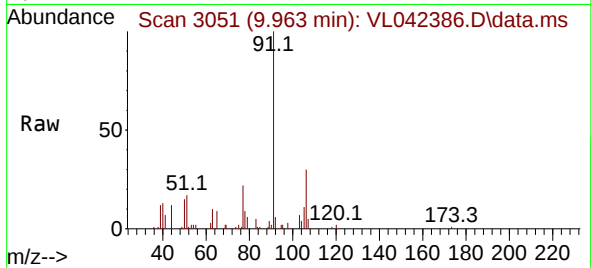
Tgt Ion: 91 Resp: 17952
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#





#60
o-Xylene
Concen: 0.115 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VL042386.D
Acq: 18 Apr 2025 12:09

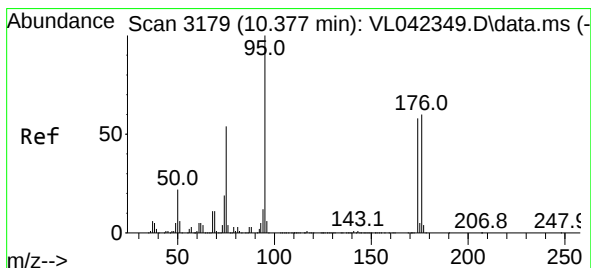
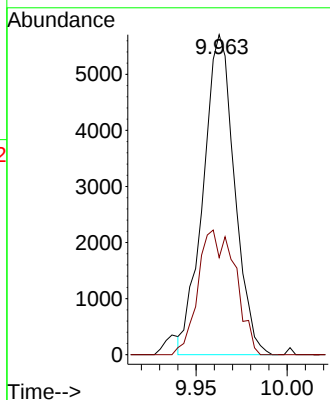
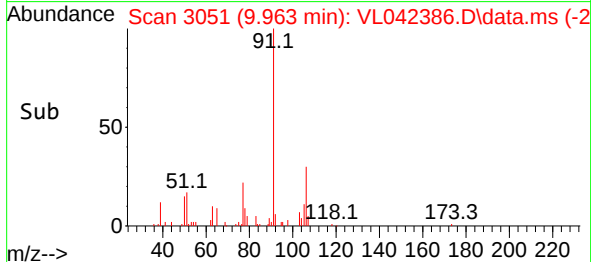
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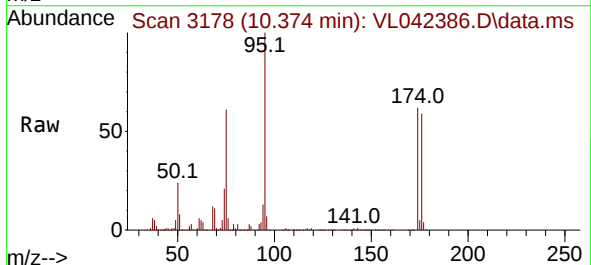
Tgt Ion: 91 Resp: 6838
Ion Ratio Lower Upper
91 100
106 46.2 21.1 63.4

Manual Integrations
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Supervised By :Mahesh Dadoda 04/21/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 9.859 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. -0.003 min
Lab File: VL042386.D
Acq: 18 Apr 2025 12:09



Tgt Ion: 95 Resp: 298684
Ion Ratio Lower Upper
95 100
174 61.0 48.5 72.7
175 4.7 3.7 5.5

