

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
 Data File : VL042124.D
 Acq On : 10 Mar 2025 14:37
 Operator : SY/MD
 Sample : Q1532-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025

Quant Time: Mar 11 01:25:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	165446	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	385805	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	316585	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	244109	10.022	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.200%
Target Compounds						
					Qvalue	
4) Chloromethane	1.538	50	772m	0.121	ppbv	
9) Propene	1.489	41	2073	0.212	ppbv	85
13) Ethanol	1.725	45	6698	10.771	ppbv #	33
15) Acetone	1.842	43	12804	0.876	ppbv	95
19) Isopropyl Alcohol	1.894	45	10773	1.284	ppbv	88
20) Methylene Chloride	2.065	84	1684	0.305	ppbv #	81
34) 2-Butanone	2.570	43	4005m	0.133	ppbv	

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

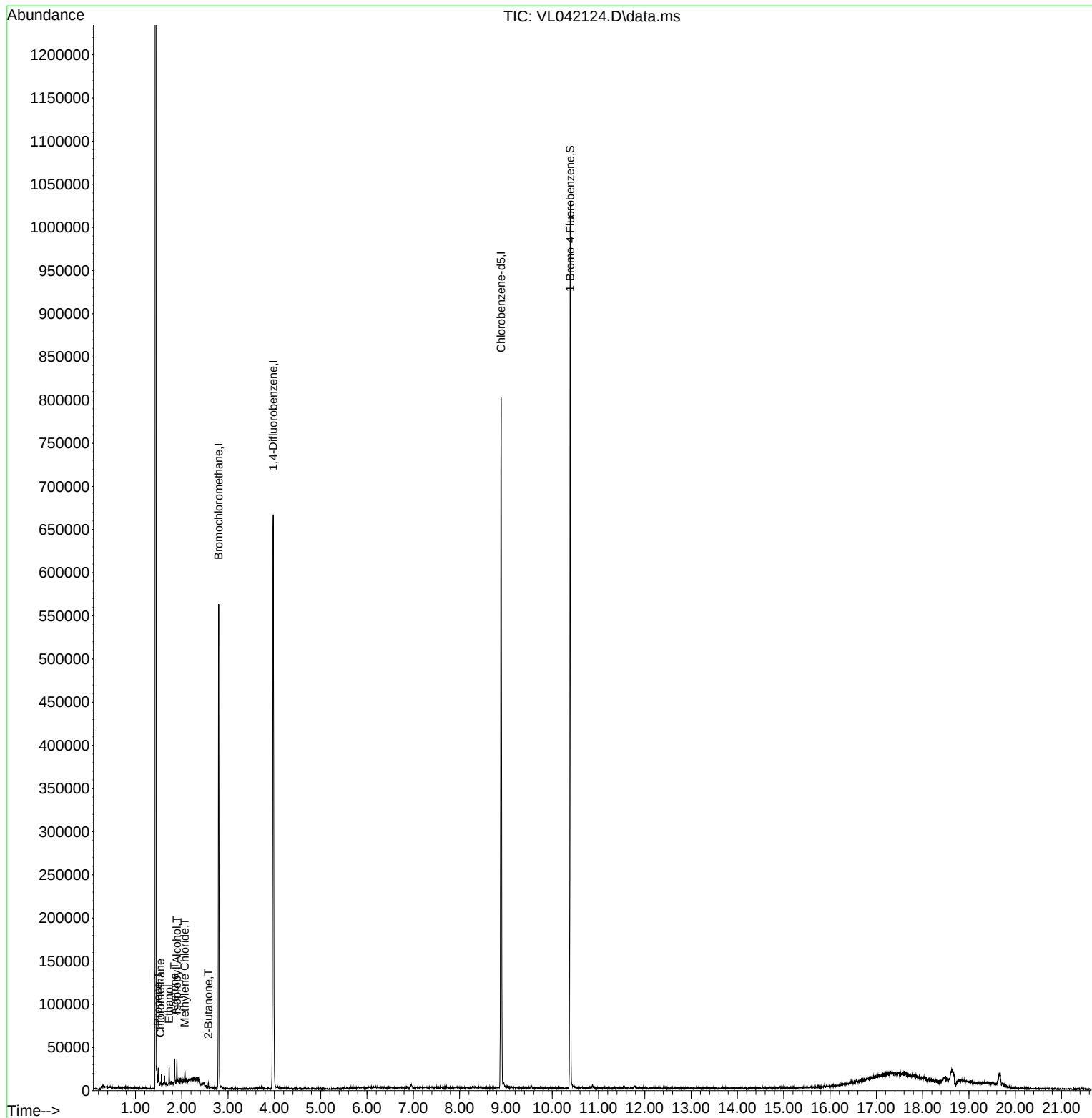
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
Data File : VL042124.D
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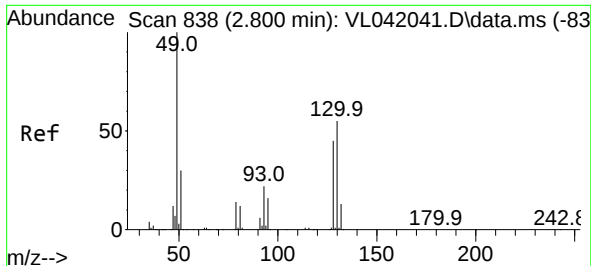
Instrument :
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ClientSampleId :
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Quant Time: Mar 11 01:25:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
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Response via : Initial Calibration

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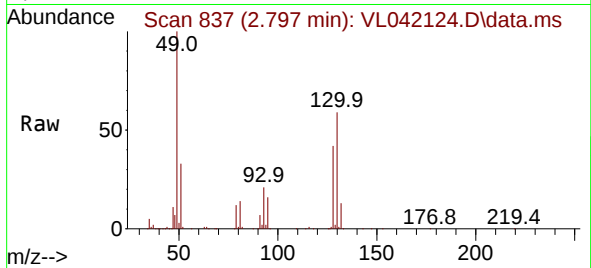
Reviewed By : Semsettin Yesilyurt 03/11/2025
Supervised By : Mahesh Dadoda 03/11/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 838
Delta R.T. -0.003 min
Lab File: VL042124.D
Acq: 10 Mar 2025 14:37

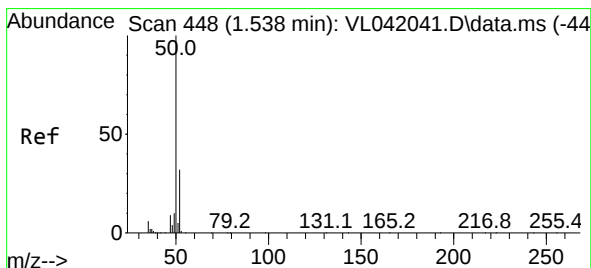
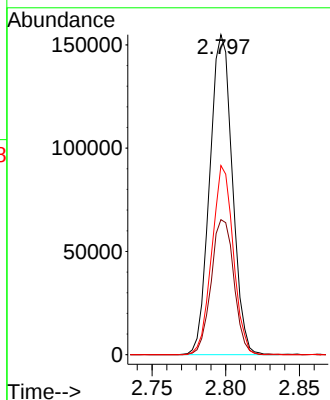
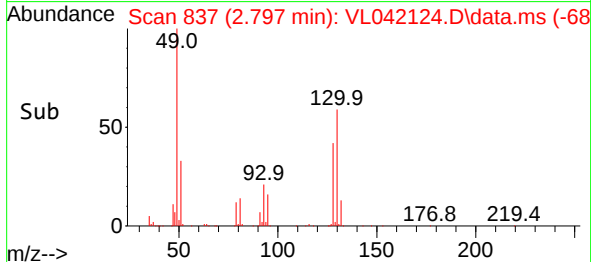
Instrument :
MSVOA_L
ClientSampleId :
2DL



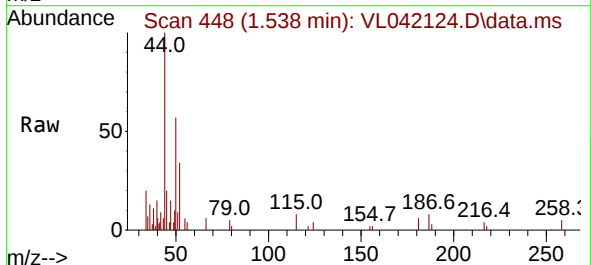
Tgt Ion: 49 Resp: 165440
Ion Ratio Lower Upper
49 100
128 42.4 21.6 64.8
130 56.0 27.8 83.4

Manual Integrations
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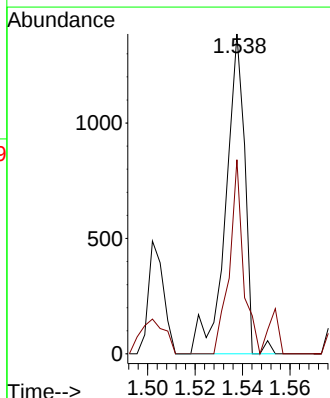
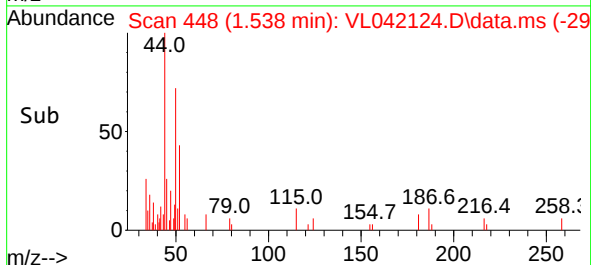
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Supervised By :Mahesh Dadoda 03/11/2025

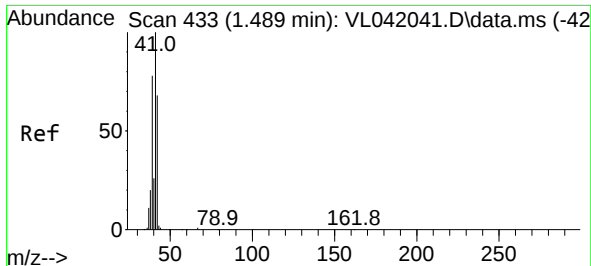


#4
Chloromethane
Concen: 0.121 ppbv m
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL042124.D
Acq: 10 Mar 2025 14:37



Tgt Ion: 50 Resp: 772
Ion Ratio Lower Upper
50 100
52 60.7 25.4 38.0#





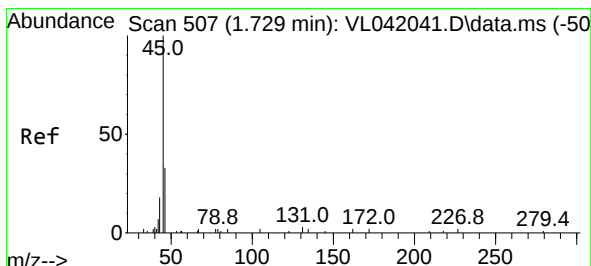
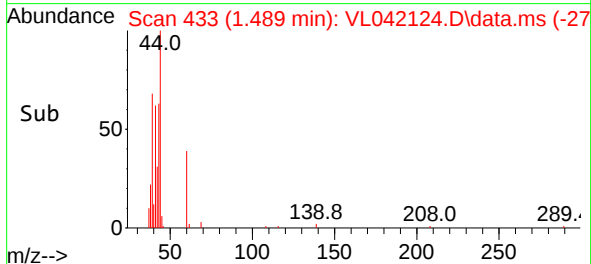
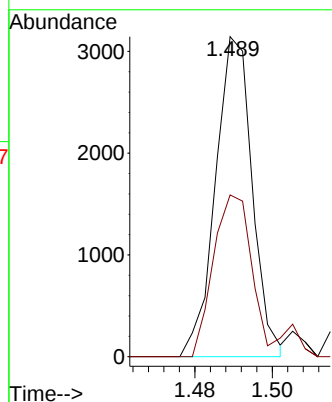
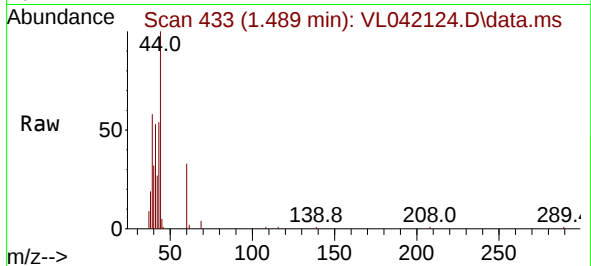
#9
Propene
Concen: 0.212 ppbv
RT: 1.489 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042124.D
Acq: 10 Mar 2025 14:37

Instrument :
MSVOA_L
ClientSampleId :
2DL

Tgt Ion: 41 Resp: 207
Ion Ratio Lower Upper
41 100
42 57.7 55.8 83.6

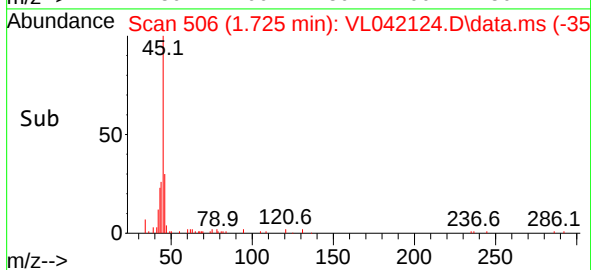
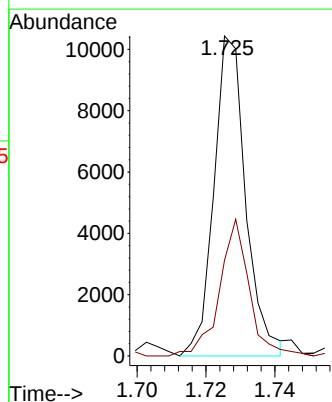
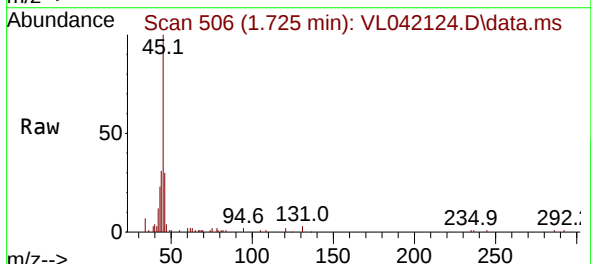
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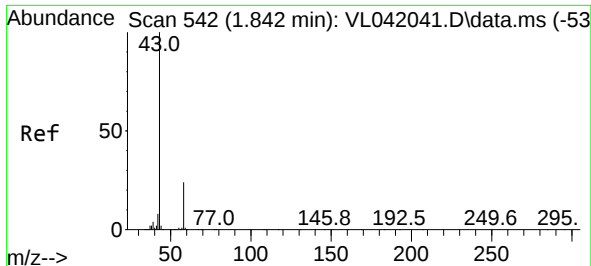
Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#13
Ethanol
Concen: 10.771 ppbv
RT: 1.725 min Scan# 506
Delta R.T. -0.003 min
Lab File: VL042124.D
Acq: 10 Mar 2025 14:37

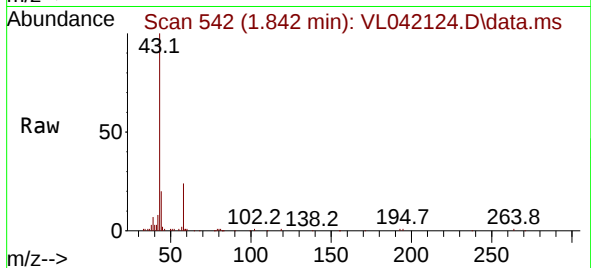
Tgt Ion: 45 Resp: 6698
Ion Ratio Lower Upper
45 100
46 0.0 17.1 68.3#





#15
Acetone
Concen: 0.876 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL042124.D
Acq: 10 Mar 2025 14:37

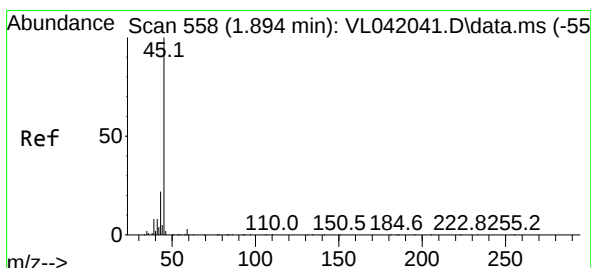
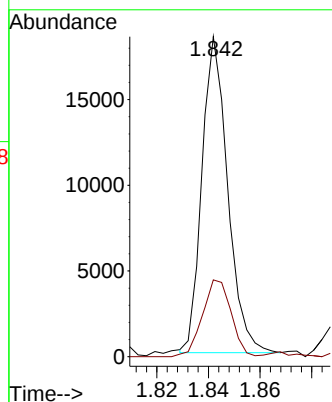
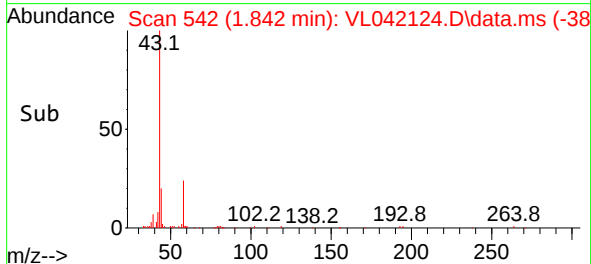
Instrument :
MSVOA_L
ClientSampleId :
2DL



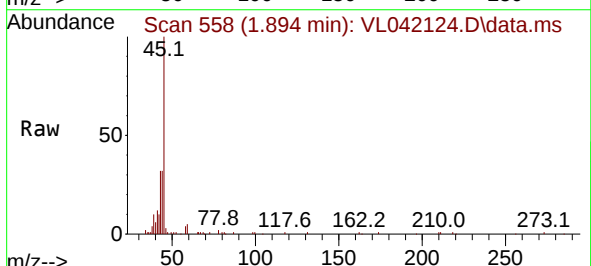
Tgt Ion: 43 Resp: 12804
Ion Ratio Lower Upper
43 100
58 28.3 20.7 31.1

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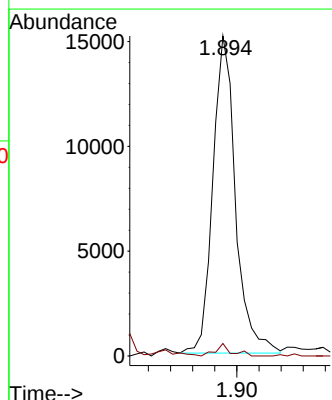
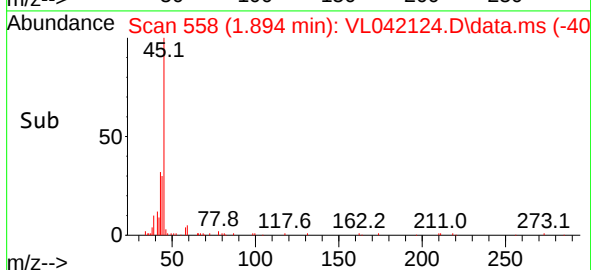
Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

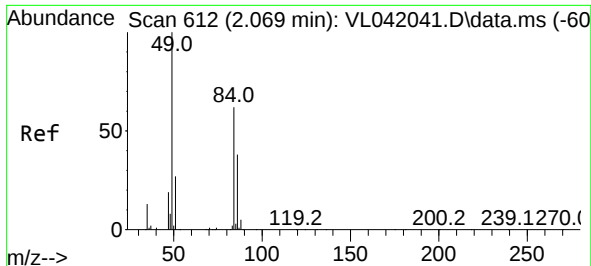


#19
Isopropyl Alcohol
Concen: 1.284 ppbv
RT: 1.894 min Scan# 558
Delta R.T. -0.000 min
Lab File: VL042124.D
Acq: 10 Mar 2025 14:37



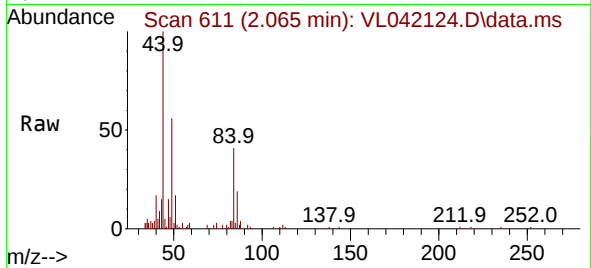
Tgt Ion: 45 Resp: 10773
Ion Ratio Lower Upper
45 100
58 36.2 35.3 52.9





#20
Methylene Chloride
Concen: 0.305 ppbv
RT: 2.065 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042124.D
Acq: 10 Mar 2025 14:37

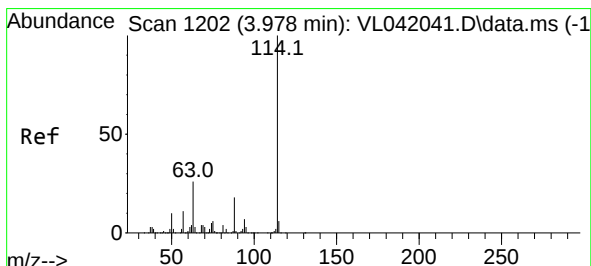
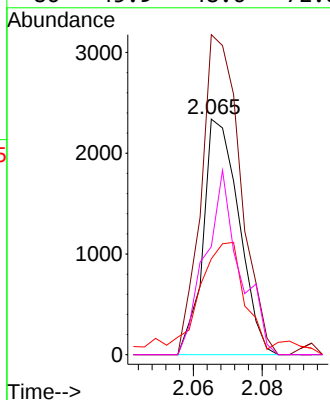
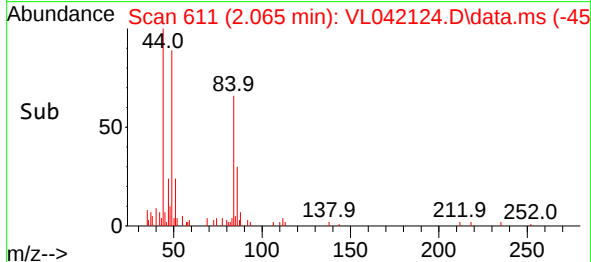
Instrument :
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ClientSampleId :
2DL



Tgt Ion: 84 Resp: 1684
Ion Ratio Lower Upper
84 100
49 135.9 130.0 195.0
51 35.4 37.4 56.0
86 45.9 48.6 72.8#

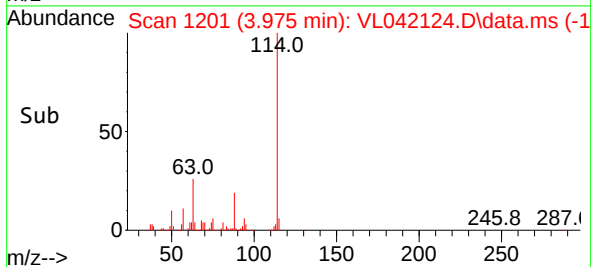
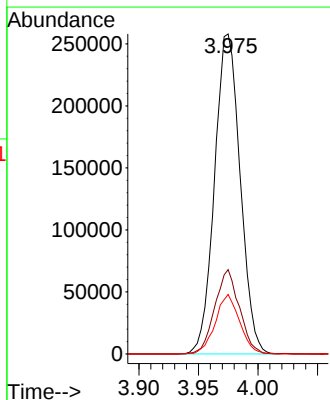
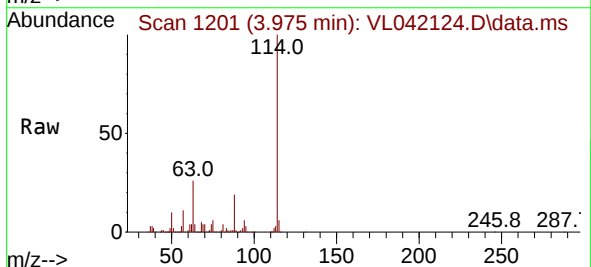
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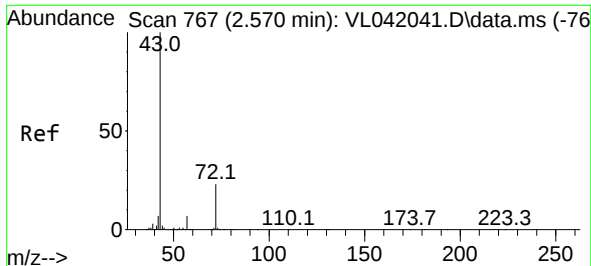
Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. -0.003 min
Lab File: VL042124.D
Acq: 10 Mar 2025 14:37

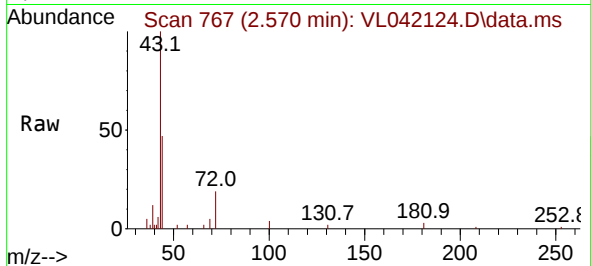
Tgt Ion:114 Resp: 385805
Ion Ratio Lower Upper
114 100
63 25.3 20.1 30.1
88 17.7 14.3 21.5





#34
2-Butanone
Concen: 0.133 ppbv m
RT: 2.570 min Scan# 767
Delta R.T. -0.000 min
Lab File: VL042124.D
Acq: 10 Mar 2025 14:37

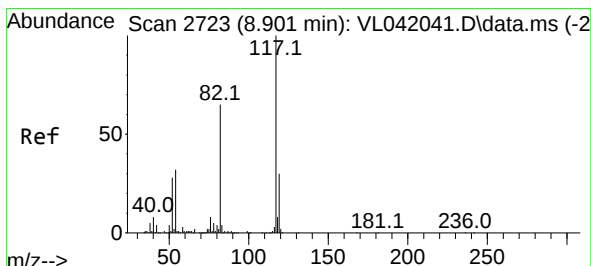
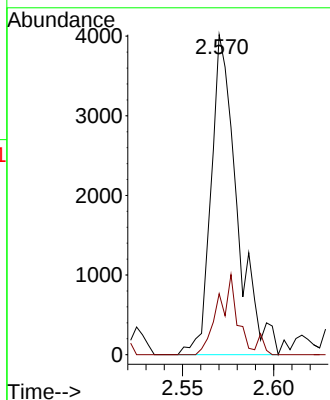
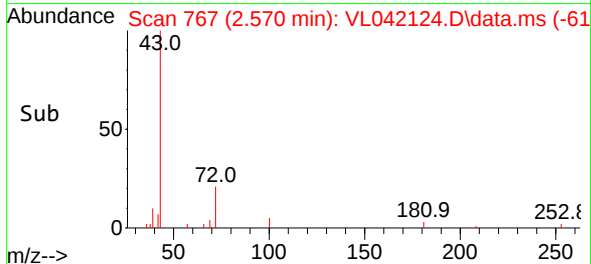
Instrument :
MSVOA_L
ClientSampleId :
2DL



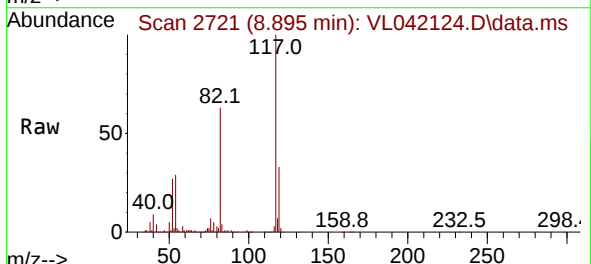
Tgt Ion: 43 Resp: 400
Ion Ratio Lower Upper
43 100
72 20.0 18.5 27.7

Manual Integrations
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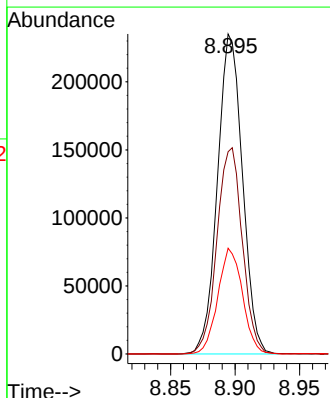
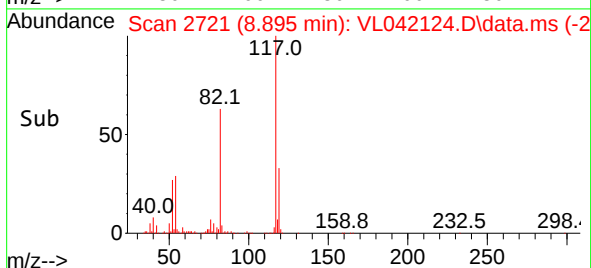
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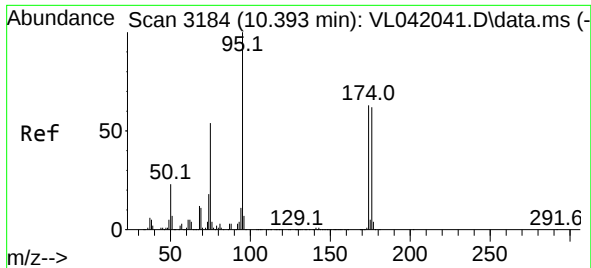


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 2721
Delta R.T. -0.007 min
Lab File: VL042124.D
Acq: 10 Mar 2025 14:37



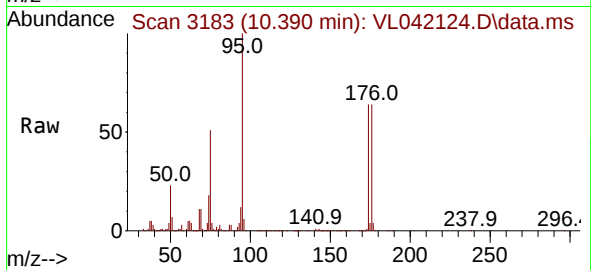
Tgt Ion:117 Resp: 316585
Ion Ratio Lower Upper
117 100
82 65.5 55.0 82.6
119 32.6 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.022 ppbv
 RT: 10.390 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VL042124.D
 Acq: 10 Mar 2025 14:37

Instrument :
 MSVOA_L
 ClientSampleId :
 2DL



Tgt Ion: 95 Resp: 244109
 Ion Ratio Lower Upper
 95 100
 174 64.3 51.8 77.6
 175 4.8 3.9 5.9

Manual Integrations
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