

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082125\
 Data File : VL042874.D
 Acq On : 21 Aug 2025 20:13
 Operator : SY/MD
 Sample : Q2898-03 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 22 01:28:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 22 01:28:01 2025
 QLast Update : Thu Aug 14 02:12:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	129498	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	383631	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	315784	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	239081	10.095	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%
Target Compounds						
						Qvalue
4) Chloromethane	1.531	50	919	0.120	ppbv	99
13) Ethanol	1.725	45	4048m	4.887	ppbv	
15) Acetone	1.839	43	22011	1.285	ppbv	94
20) Methylene Chloride	2.065	84	1960	0.273	ppbv	87
26) Hexane	2.829	57	2690m	0.141	ppbv	
34) 2-Butanone	2.570	43	3543m	0.137	ppbv	
53) Toluene	6.933	91	4786m	0.110	ppbv	

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

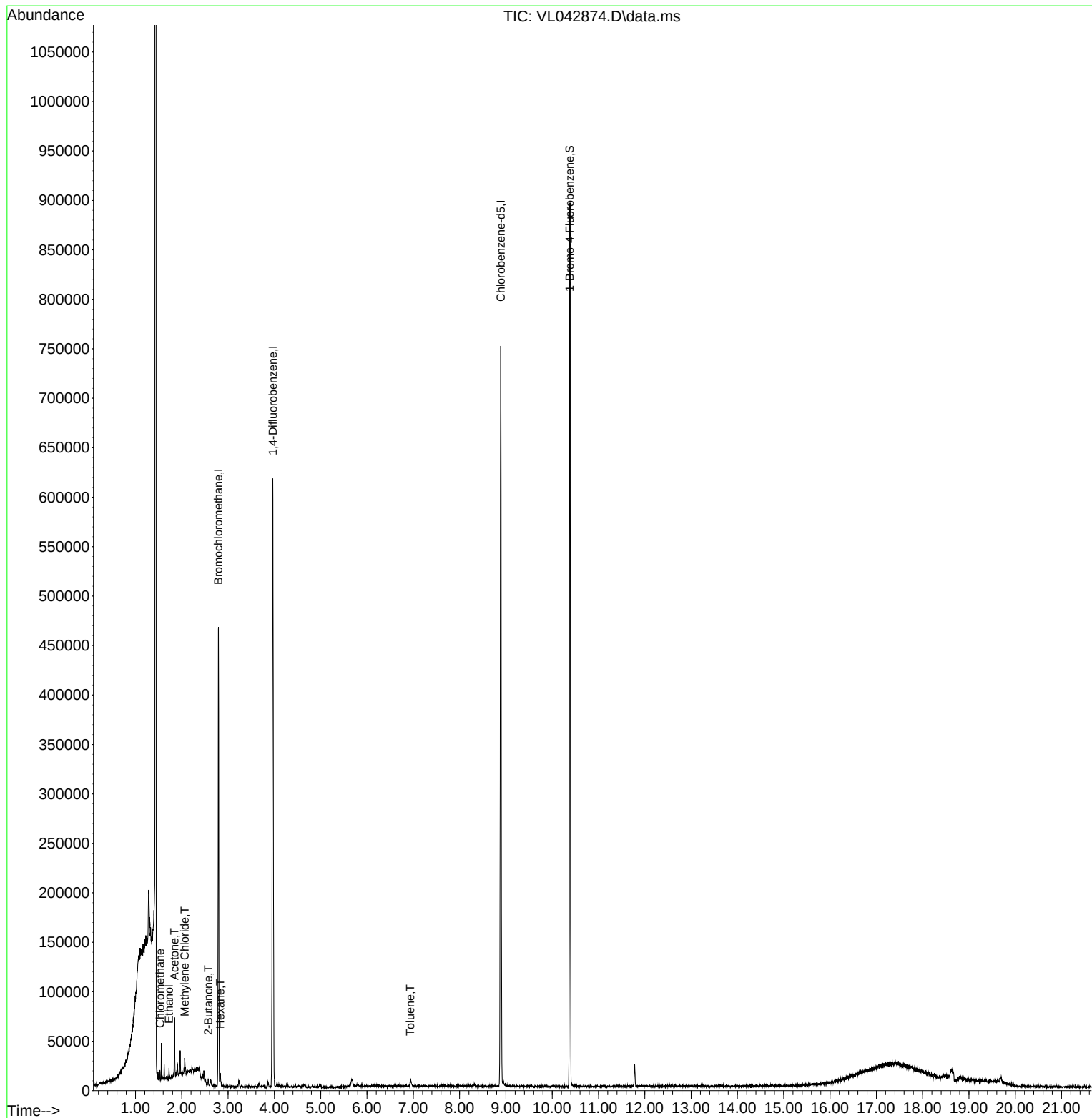
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082125\
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Acq On : 21 Aug 2025 20:13
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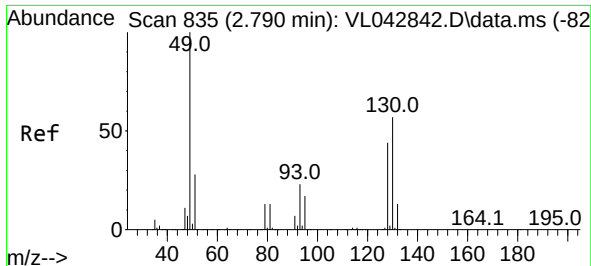
Instrument :
MSVOA_L
ClientSampleId :
OA1

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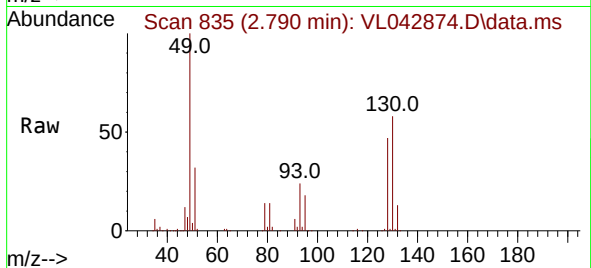
Reviewed By : Mahesh Dadoda 08/25/2025
Supervised By : Semsettin Yesilyurt 08/25/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042874.D
Acq: 21 Aug 2025 20:13

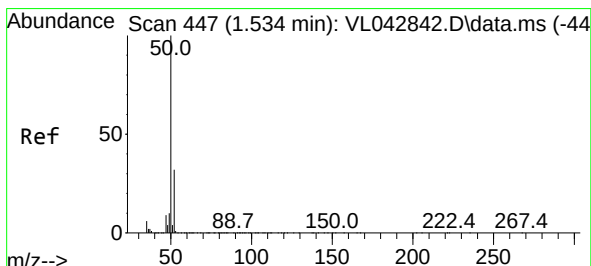
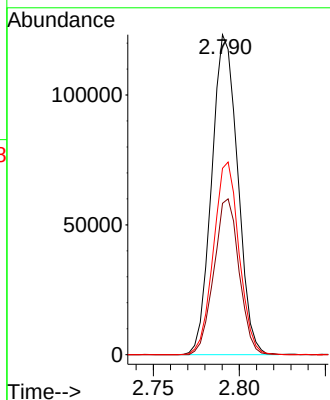
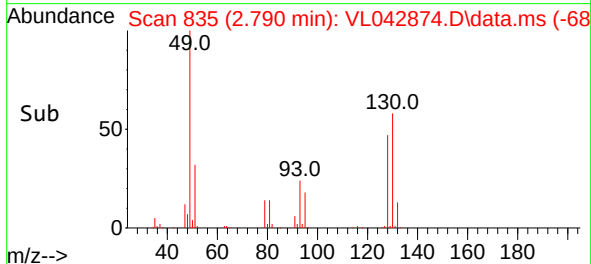
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion: 49 Resp: 129498
Ion Ratio Lower Upper
49 100
128 47.2 23.7 71.1
130 59.3 30.6 91.6

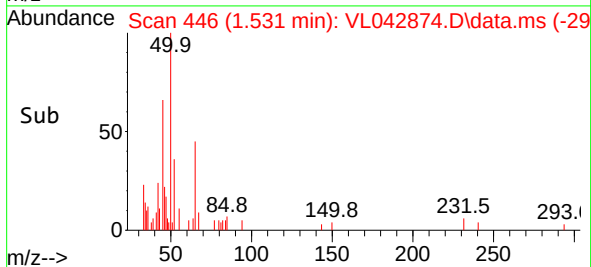
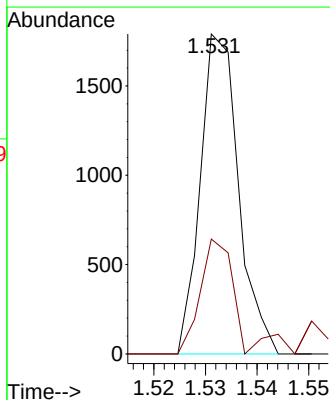
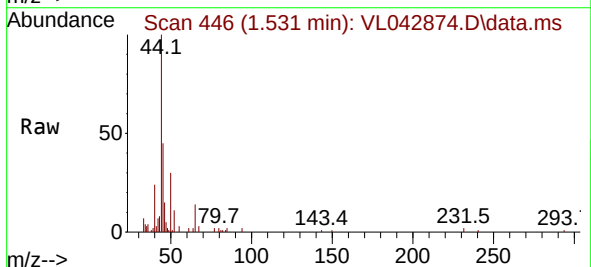
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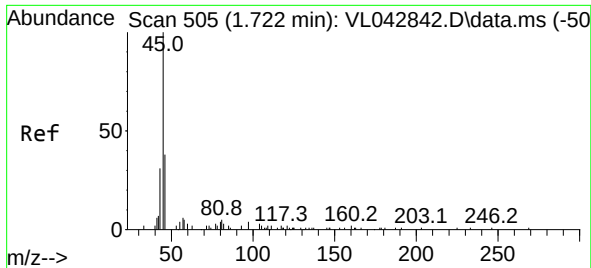
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#4
Chloromethane
Concen: 0.120 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042874.D
Acq: 21 Aug 2025 20:13

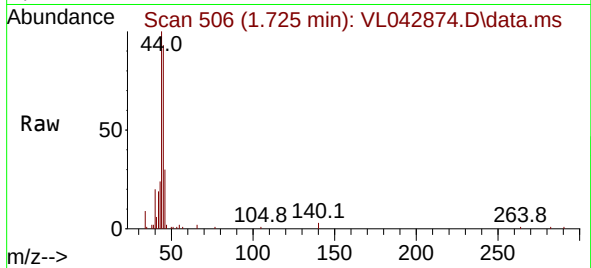
Tgt Ion: 50 Resp: 919
Ion Ratio Lower Upper
50 100
52 31.7 25.9 38.9





#13
Ethanol
Concen: 4.887 ppbv m
RT: 1.725 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042874.D
Acq: 21 Aug 2025 20:13

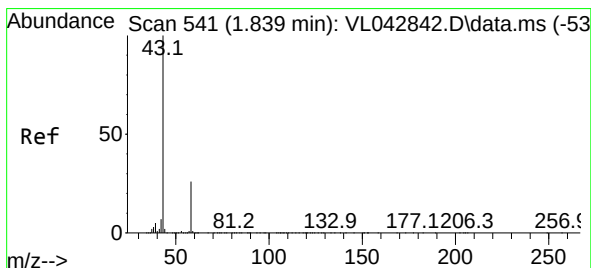
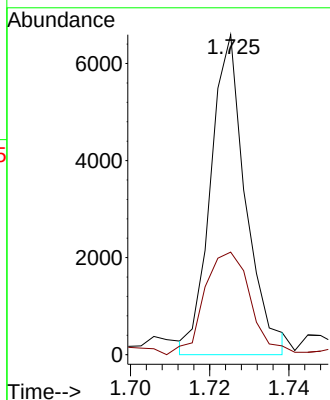
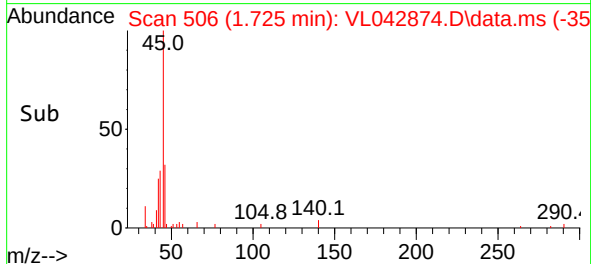
Instrument :
MSVOA_L
ClientSampleId :
OA1



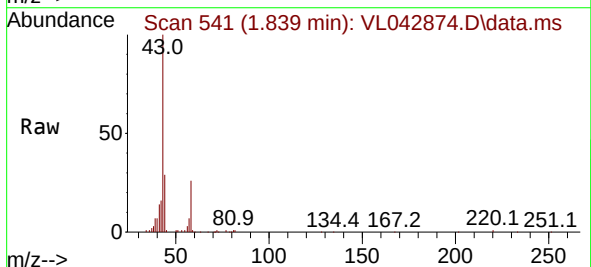
Tgt Ion: 45 Resp: 4048
Ion Ratio Lower Upper
45 100
46 2741.2 17.5 69.9

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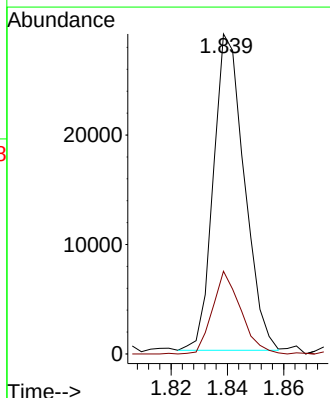
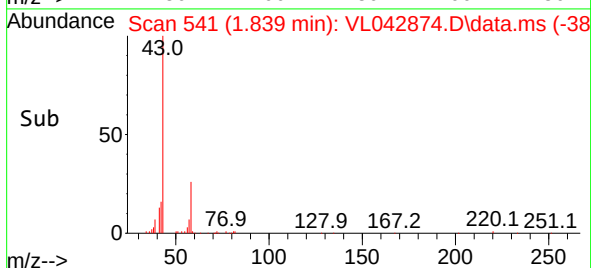
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

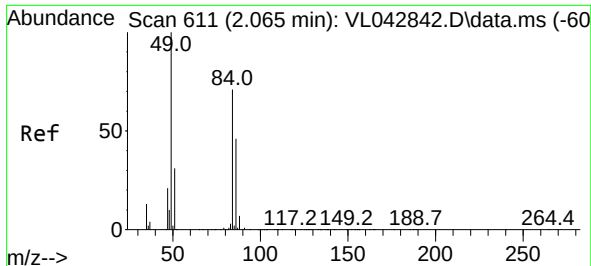


#15
Acetone
Concen: 1.285 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL042874.D
Acq: 21 Aug 2025 20:13



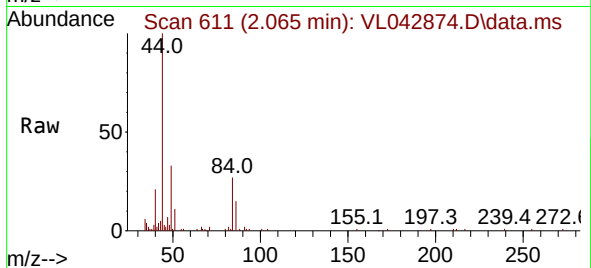
Tgt Ion: 43 Resp: 22011
Ion Ratio Lower Upper
43 100
58 24.7 22.4 33.6





#20
Methylene Chloride
Concen: 0.273 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL042874.D
Acq: 21 Aug 2025 20:13

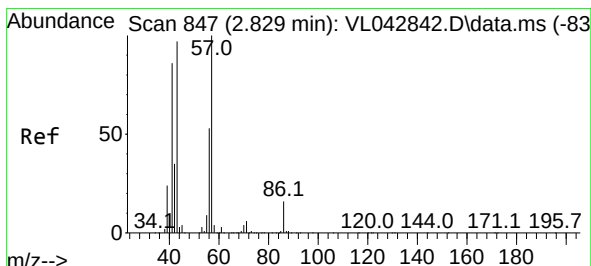
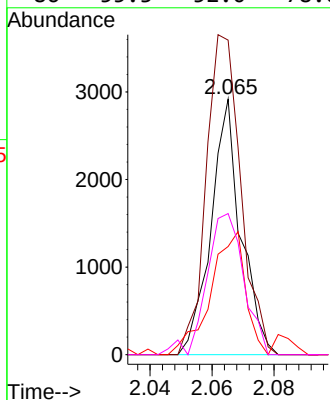
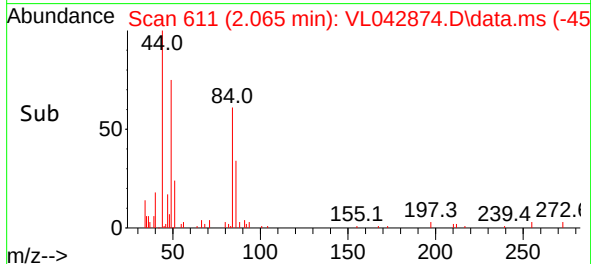
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion: 84 Resp: 1960
Ion Ratio Lower Upper
84 100
49 123.1 112.3 168.5
51 38.7 36.0 54.0
86 55.3 52.0 78.0

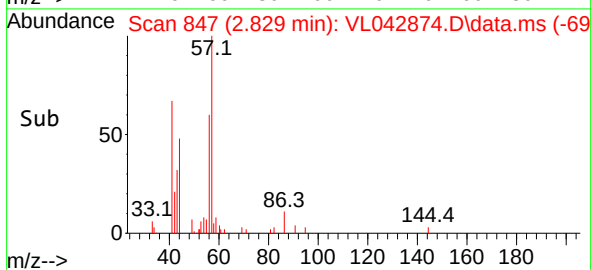
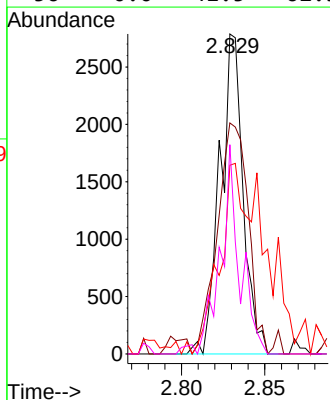
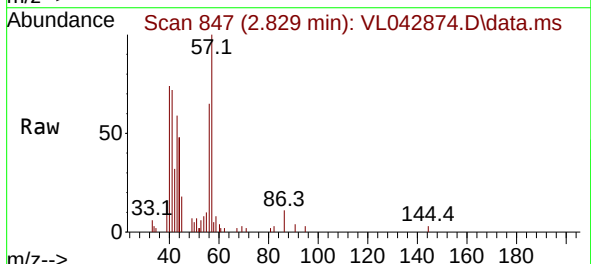
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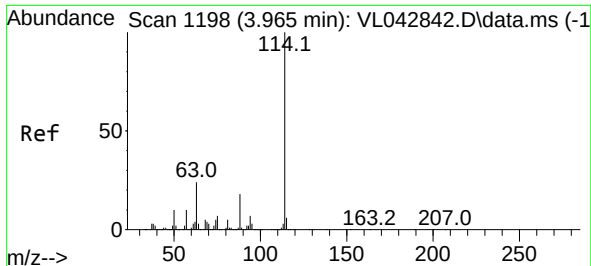
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#26
Hexane
Concen: 0.141 ppbv m
RT: 2.829 min Scan# 847
Delta R.T. -0.000 min
Lab File: VL042874.D
Acq: 21 Aug 2025 20:13

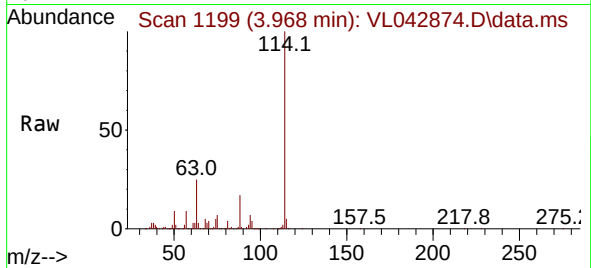
Tgt Ion: 57 Resp: 2690
Ion Ratio Lower Upper
57 100
41 0.0 68.6 103.0#
43 0.0 168.5 252.7#
56 0.0 41.5 62.3#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. 0.003 min
Lab File: VL042874.D
Acq: 21 Aug 2025 20:13

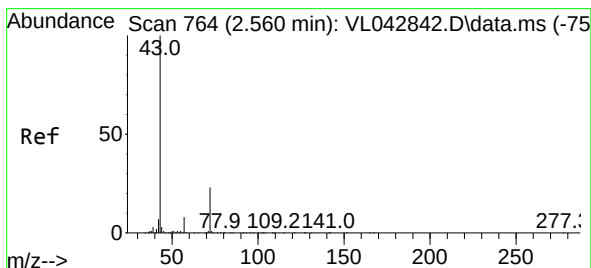
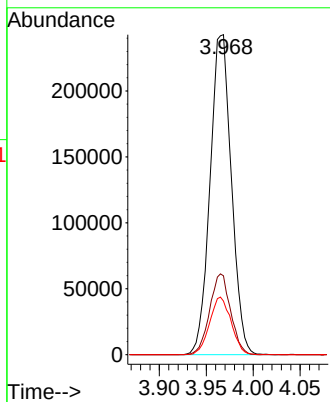
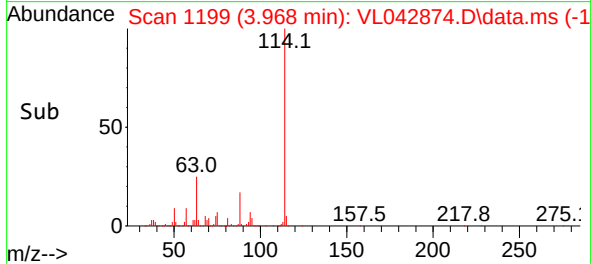
Instrument :
MSVOA_L
ClientSampleId :
OA1



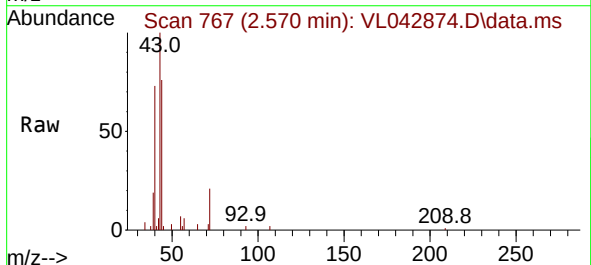
Tgt Ion:114 Resp: 38363
Ion Ratio Lower Upper
114 100
63 24.8 19.7 29.5
88 18.1 14.4 21.6

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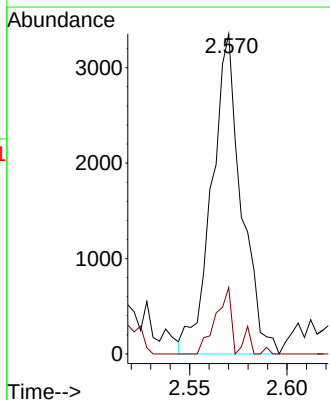
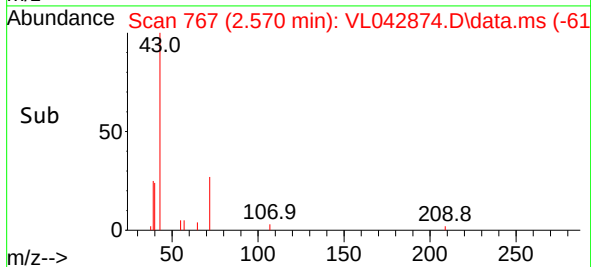
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

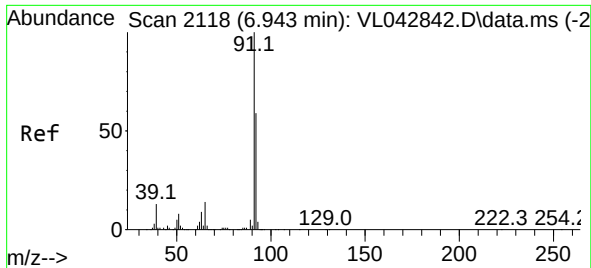


#34
2-Butanone
Concen: 0.137 ppbv m
RT: 2.570 min Scan# 767
Delta R.T. 0.010 min
Lab File: VL042874.D
Acq: 21 Aug 2025 20:13



Tgt Ion: 43 Resp: 3543
Ion Ratio Lower Upper
43 100
72 13.2 18.6 28.0#





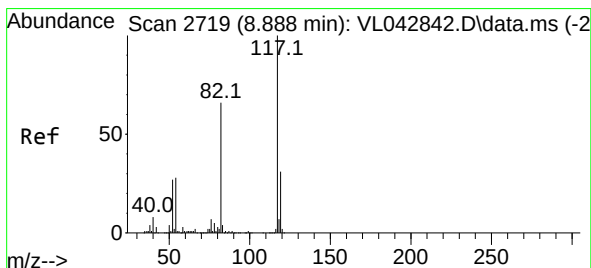
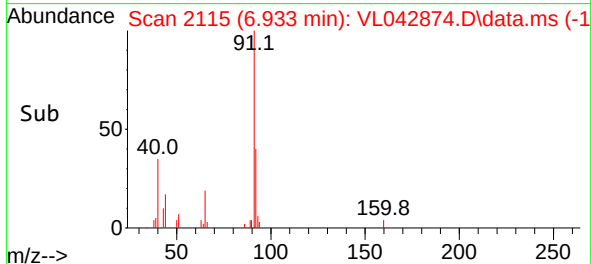
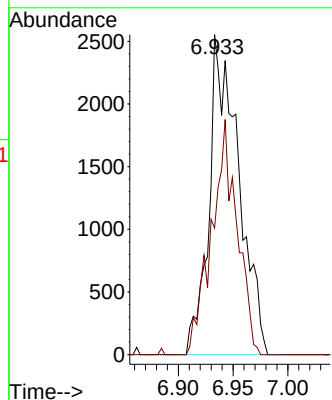
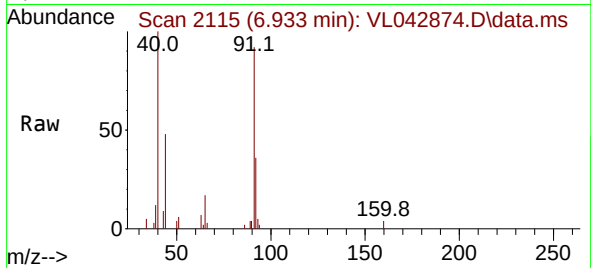
#53
Toluene
Concen: 0.110 ppbv m
RT: 6.933 min Scan# 2115
Delta R.T. -0.010 min
Lab File: VL042874.D
Acq: 21 Aug 2025 20:13

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 91 Resp: 4780
Ion Ratio Lower Upper
91 100
92 0.0 47.8 71.6

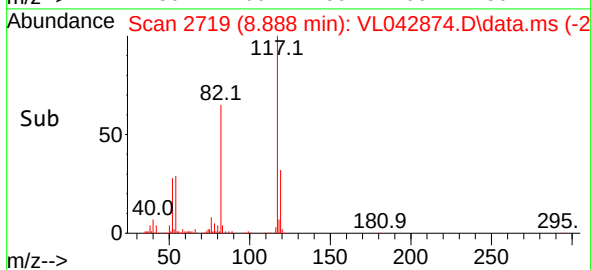
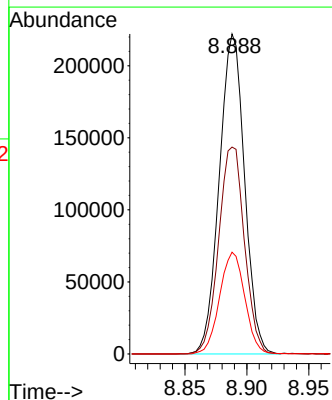
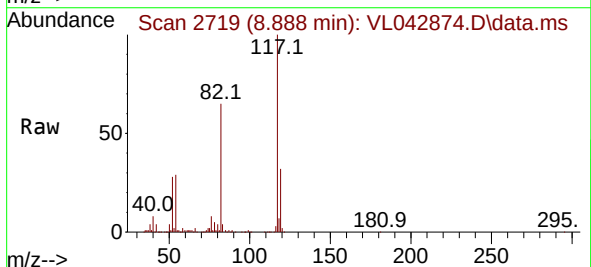
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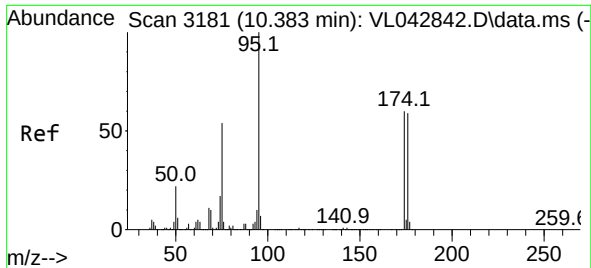
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. -0.000 min
Lab File: VL042874.D
Acq: 21 Aug 2025 20:13

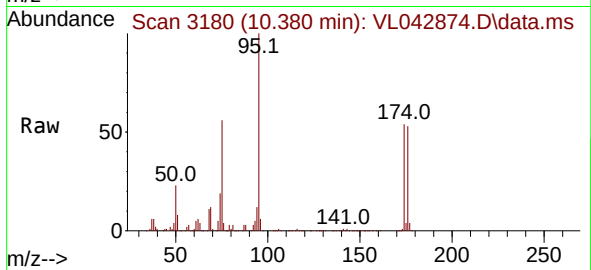
Tgt Ion:117 Resp: 315784
Ion Ratio Lower Upper
117 100
82 66.2 54.6 81.8
119 31.8 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.095 ppbv
 RT: 10.380 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VL042874.D
 Acq: 21 Aug 2025 20:13

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1



Tgt Ion: 95 Resp: 23908
 Ion Ratio Lower Upper
 95 100
 174 56.0 48.4 72.6
 175 4.1 3.8 5.8

Manual Integrations
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