

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
 Data File : VL042131.D
 Acq On : 10 Mar 2025 18:23
 Operator : SY/MD
 Sample : Q1506-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 11 01:28:52 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	2.803	49	165473	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.982	114	379655	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	331589	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	283210	11.102	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.000%
Target Compounds						
					Qvalue	
9) Propene	1.489	41	2576	0.263	ppbv	88
13) Ethanol	1.729	45	1694m	2.724	ppbv	
15) Acetone	1.845	43	5757	0.394	ppbv #	79
20) Methylene Chloride	2.075	84	1297	0.235	ppbv #	89
26) Hexane	2.839	57	3856	0.163	ppbv #	29
34) 2-Butanone	2.577	43	4394	0.149	ppbv #	88
53) Toluene	6.969	91	4537m	0.102	ppbv	

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

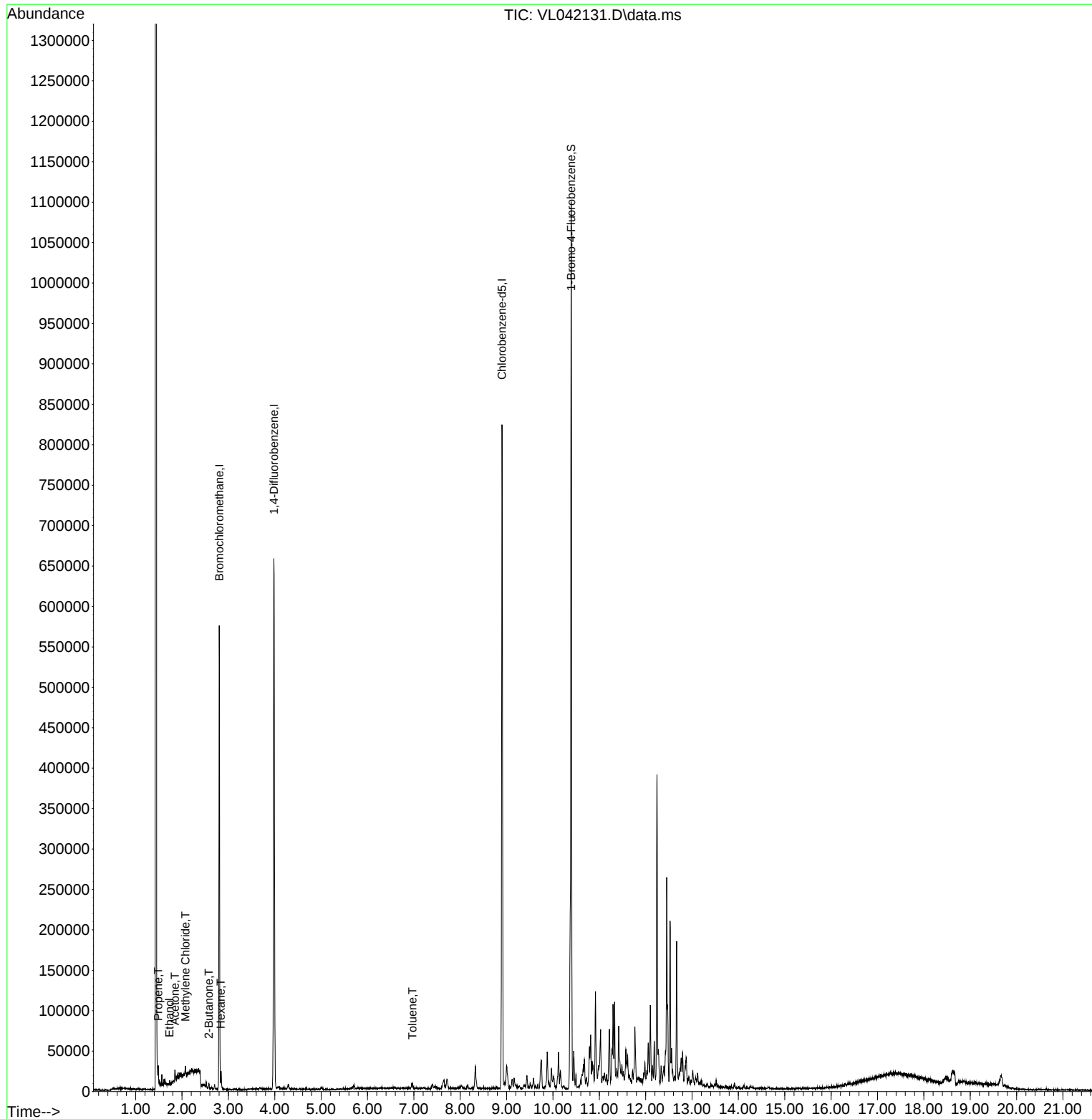
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
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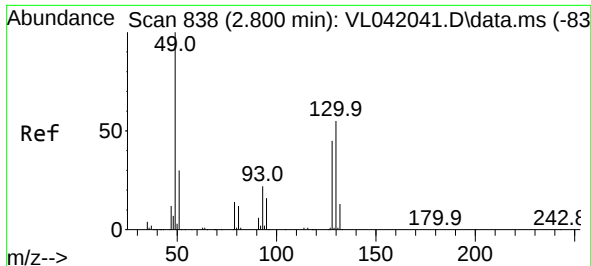
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SV1DL

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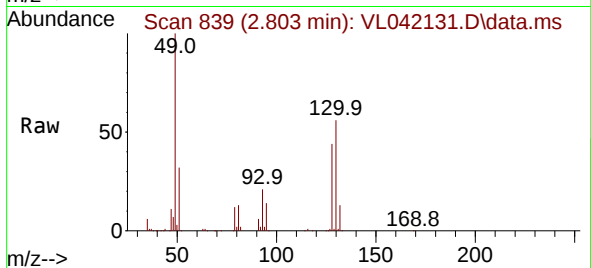
Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 838
Delta R.T. 0.003 min
Lab File: VL042131.D
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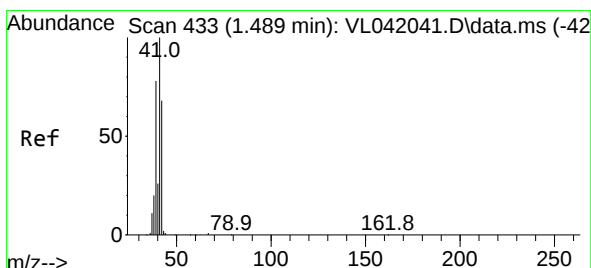
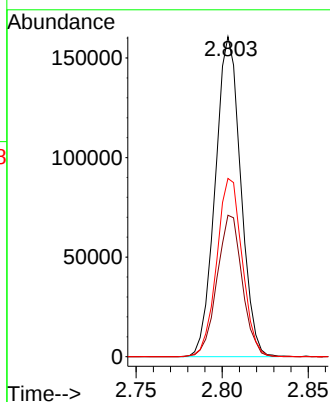
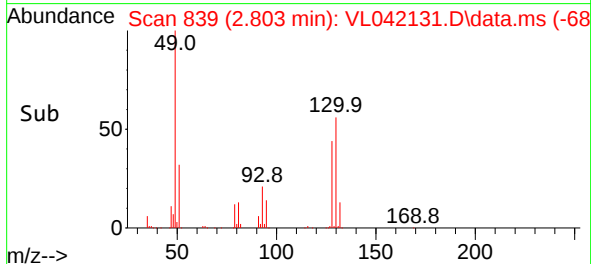
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 16547
Ion Ratio Lower Upper
49 100
128 43.8 21.6 64.8
130 55.8 27.8 83.4

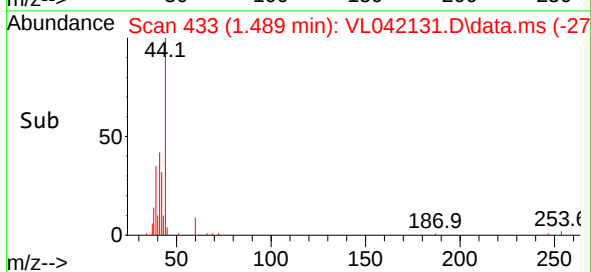
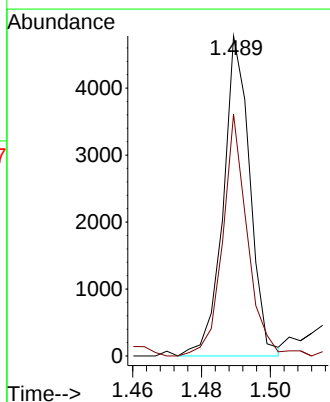
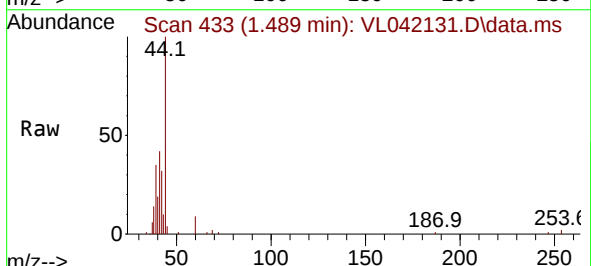
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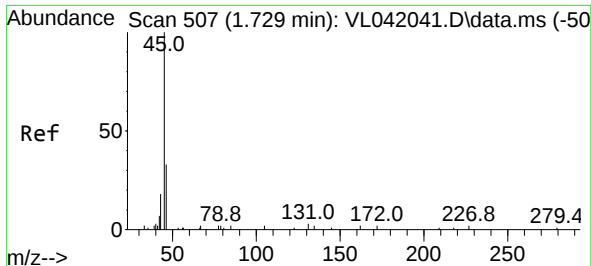
Reviewed By :Semsettin Yesilyurt 03/11/2025
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#9
Propene
Concen: 0.263 ppbv
RT: 1.489 min Scan# 433
Delta R.T. 0.000 min
Lab File: VL042131.D
Acq: 10 Mar 2025 18:23

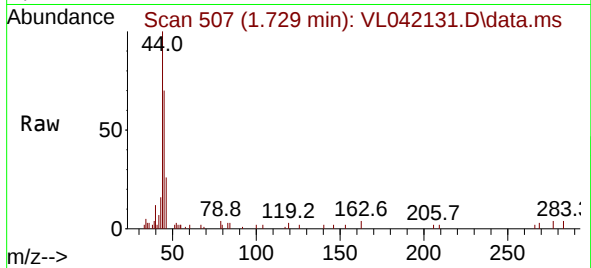
Tgt Ion: 41 Resp: 2576
Ion Ratio Lower Upper
41 100
42 79.3 55.8 83.6





#13
Ethanol
Concen: 2.724 ppbv m
RT: 1.729 min Scan# 507
Delta R.T. 0.000 min
Lab File: VL042131.D
Acq: 10 Mar 2025 18:23

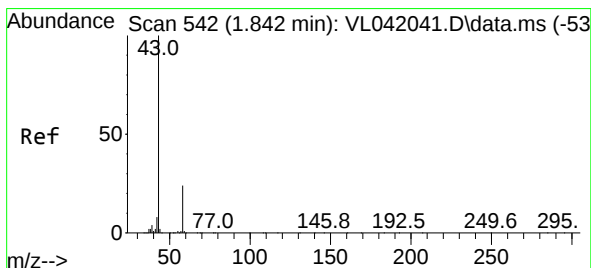
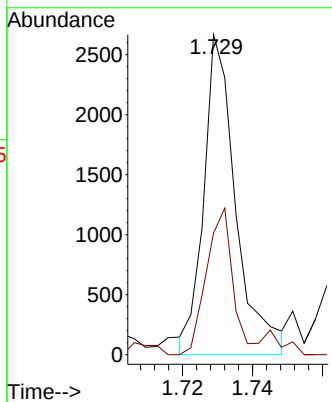
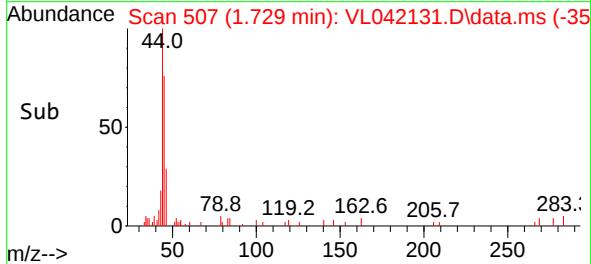
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



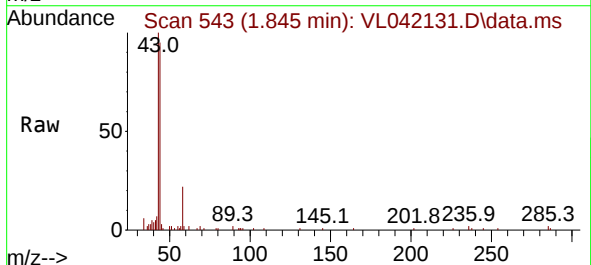
Tgt Ion: 45 Resp: 1694
Ion Ratio Lower Upper
45 100
46 0.0 17.1 68.3

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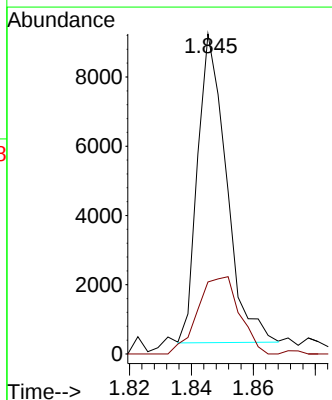
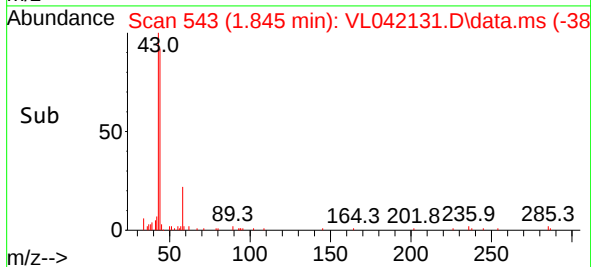
Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

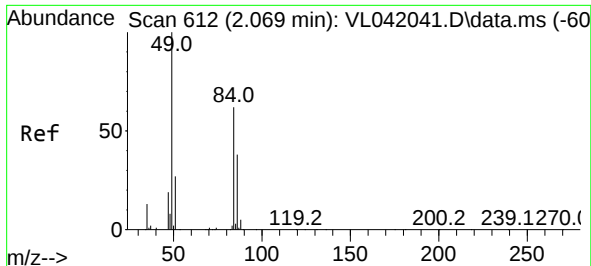


#15
Acetone
Concen: 0.394 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.003 min
Lab File: VL042131.D
Acq: 10 Mar 2025 18:23



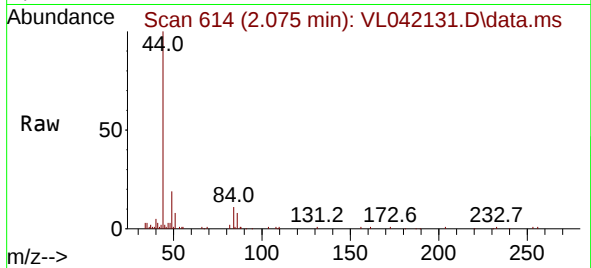
Tgt Ion: 43 Resp: 5757
Ion Ratio Lower Upper
43 100
58 36.8 20.7 31.1





#20
Methylene Chloride
Concen: 0.235 ppbv
RT: 2.075 min Scan# 612
Delta R.T. 0.007 min
Lab File: VL042131.D
Acq: 10 Mar 2025 18:23

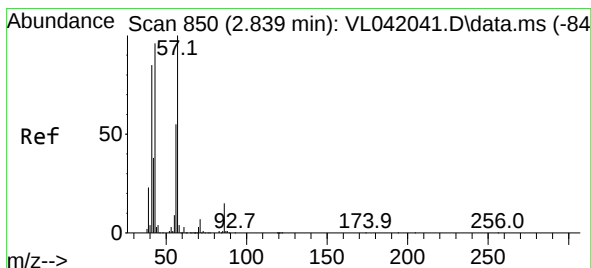
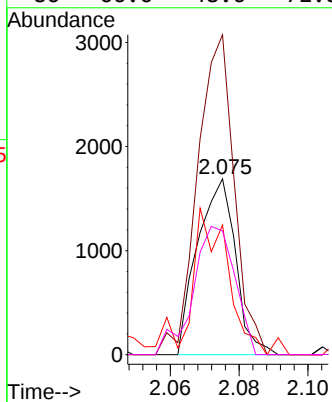
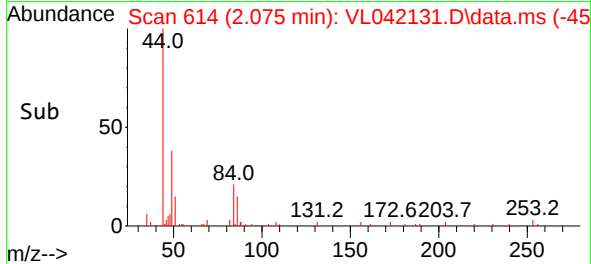
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 84	Resp: 129
Ion Ratio	Lower Upper
84 100	
49 172.0	130.0 195.0
51 66.1	37.4 56.0
86 66.6	48.6 72.8

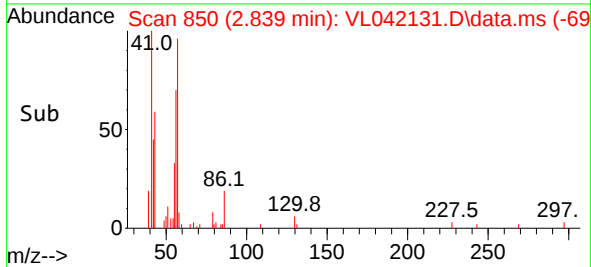
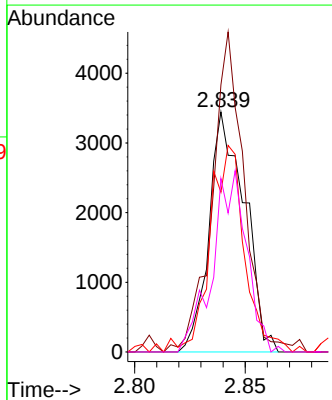
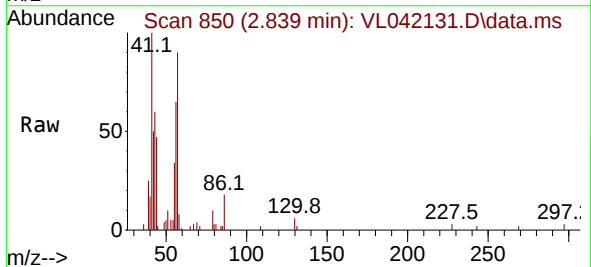
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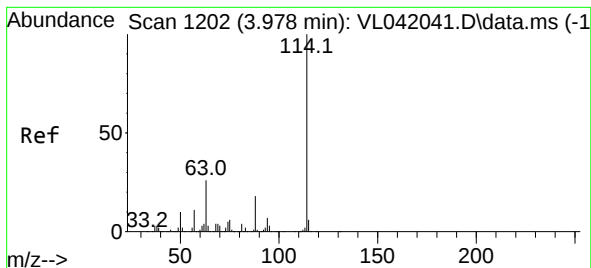
Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#26
Hexane
Concen: 0.163 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.000 min
Lab File: VL042131.D
Acq: 10 Mar 2025 18:23

Tgt Ion: 57	Resp: 3856
Ion Ratio	Lower Upper
57 100	
41 126.1	70.6 106.0#
43 89.8	199.4 299.0#
56 72.4	42.6 64.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.982 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL042131.D

Acq: 10 Mar 2025 18:23

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tgt Ion:114 Resp: 37965

Ion Ratio Lower Upper

114 100

63 25.9 20.1 30.1

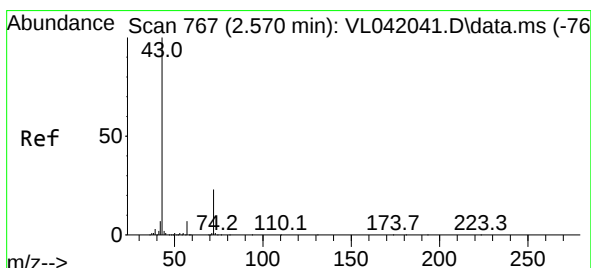
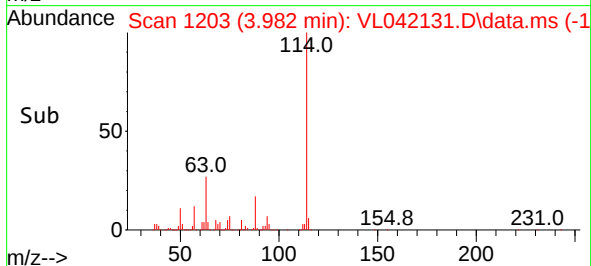
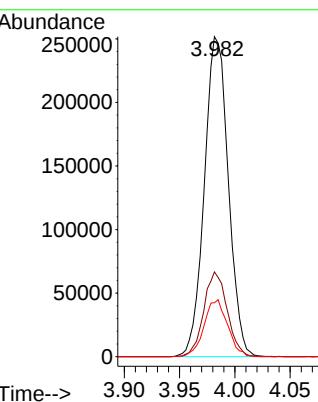
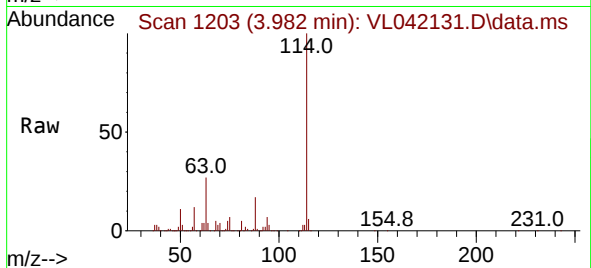
88 17.5 14.3 21.5

Manual Integrations

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#34

2-Butanone

Concen: 0.149 ppbv

RT: 2.577 min Scan# 769

Delta R.T. 0.007 min

Lab File: VL042131.D

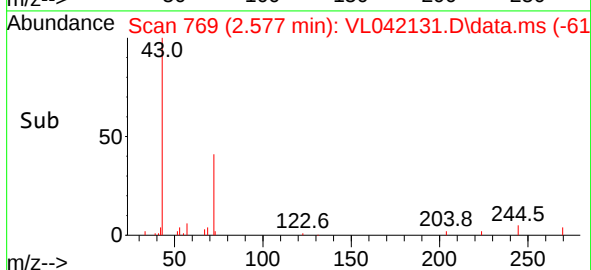
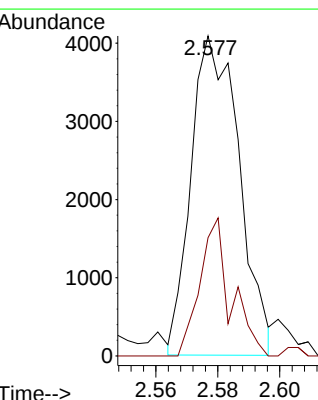
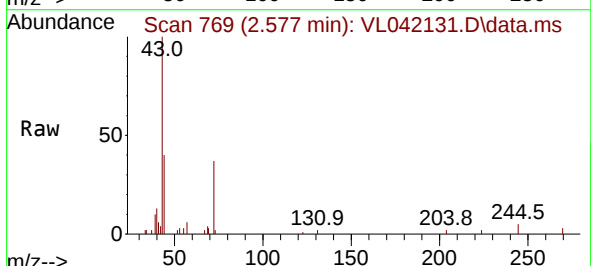
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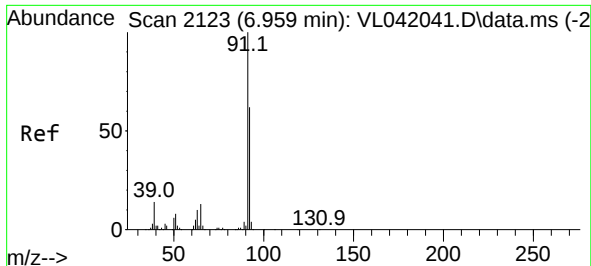
Tgt Ion: 43 Resp: 4394

Ion Ratio Lower Upper

43 100

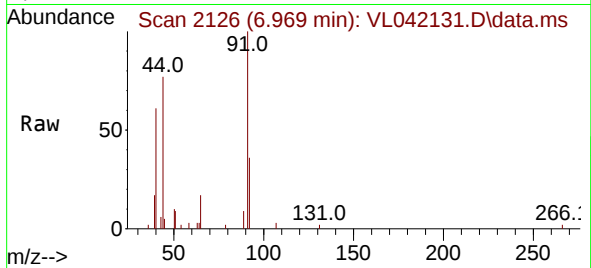
72 28.7 18.5 27.7#





#53
Toluene
Concen: 0.102 ppbv m
RT: 6.969 min Scan# 2123
Delta R.T. 0.010 min
Lab File: VL042131.D
Acq: 10 Mar 2025 18:23

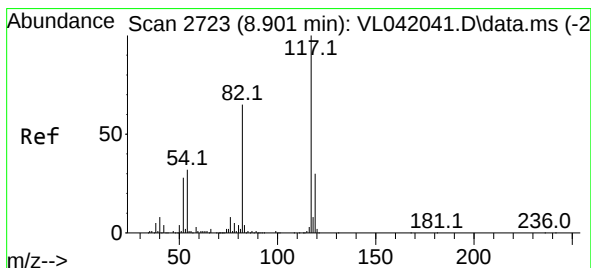
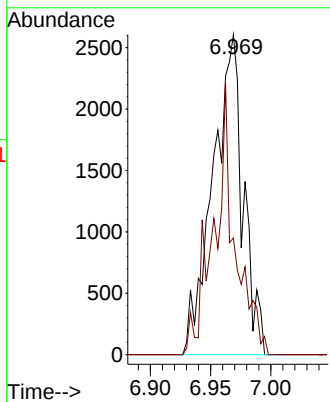
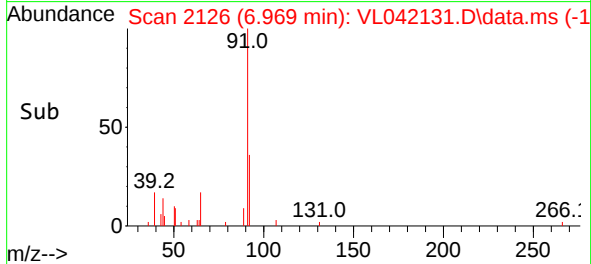
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



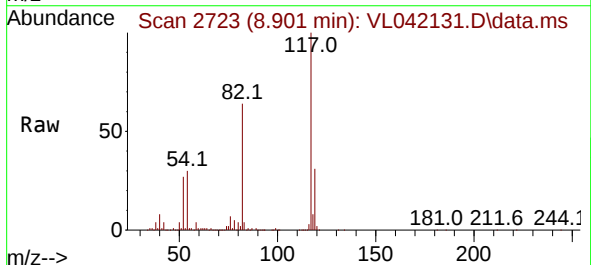
Tgt Ion: 91 Resp: 453
Ion Ratio Lower Upper
91 100
92 0.0 49.0 73.6

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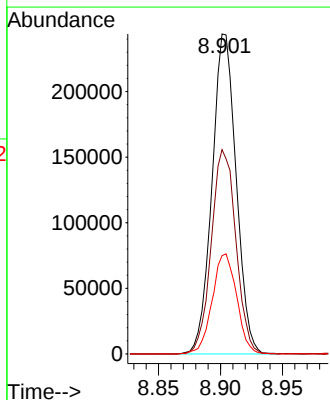
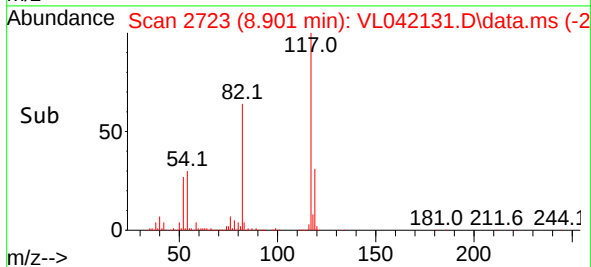
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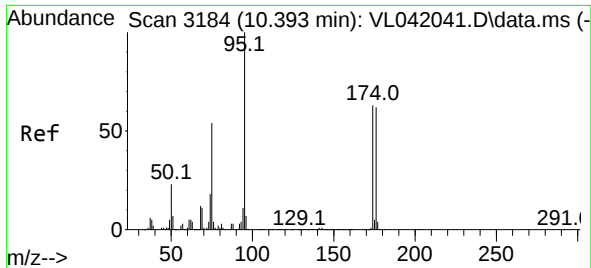


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VL042131.D
Acq: 10 Mar 2025 18:23



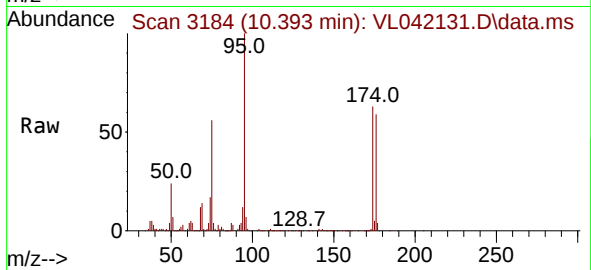
Tgt Ion:117 Resp: 331589
Ion Ratio Lower Upper
117 100
82 65.0 55.0 82.6
119 31.8 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.102 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.000 min
 Lab File: VL042131.D
 Acq: 10 Mar 2025 18:23

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 95 Resp: 283210
 Ion Ratio Lower Upper
 95 100
 174 62.9 51.8 77.6
 175 4.7 3.9 5.9

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