

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
 Data File : VL042191.D
 Acq On : 27 Mar 2025 21:57
 Operator : SY/MD
 Sample : Q1669-05 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B16-3-3262025

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/31/2025
 Supervised By :Mahesh Dadoda 04/03/2025

Quant Time: Mar 28 02:18:16 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	183006	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	519492	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	470953	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	379203	9.805	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%
Target Compounds						
13) Ethanol	1.722	45	6087	5.089	ppbv #	27
15) Acetone	1.839	43	29342	1.146	ppbv #	78
20) Methylene Chloride	2.062	84	1859	0.195	ppbv #	66
26) Hexane	2.826	57	4764	0.186	ppbv #	40
34) 2-Butanone	2.564	43	11529	0.306	ppbv	99
53) Toluene	6.936	91	13033	0.213	ppbv	93
59) m/p-Xylene	9.532	91	6671m	0.100	ppbv	

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

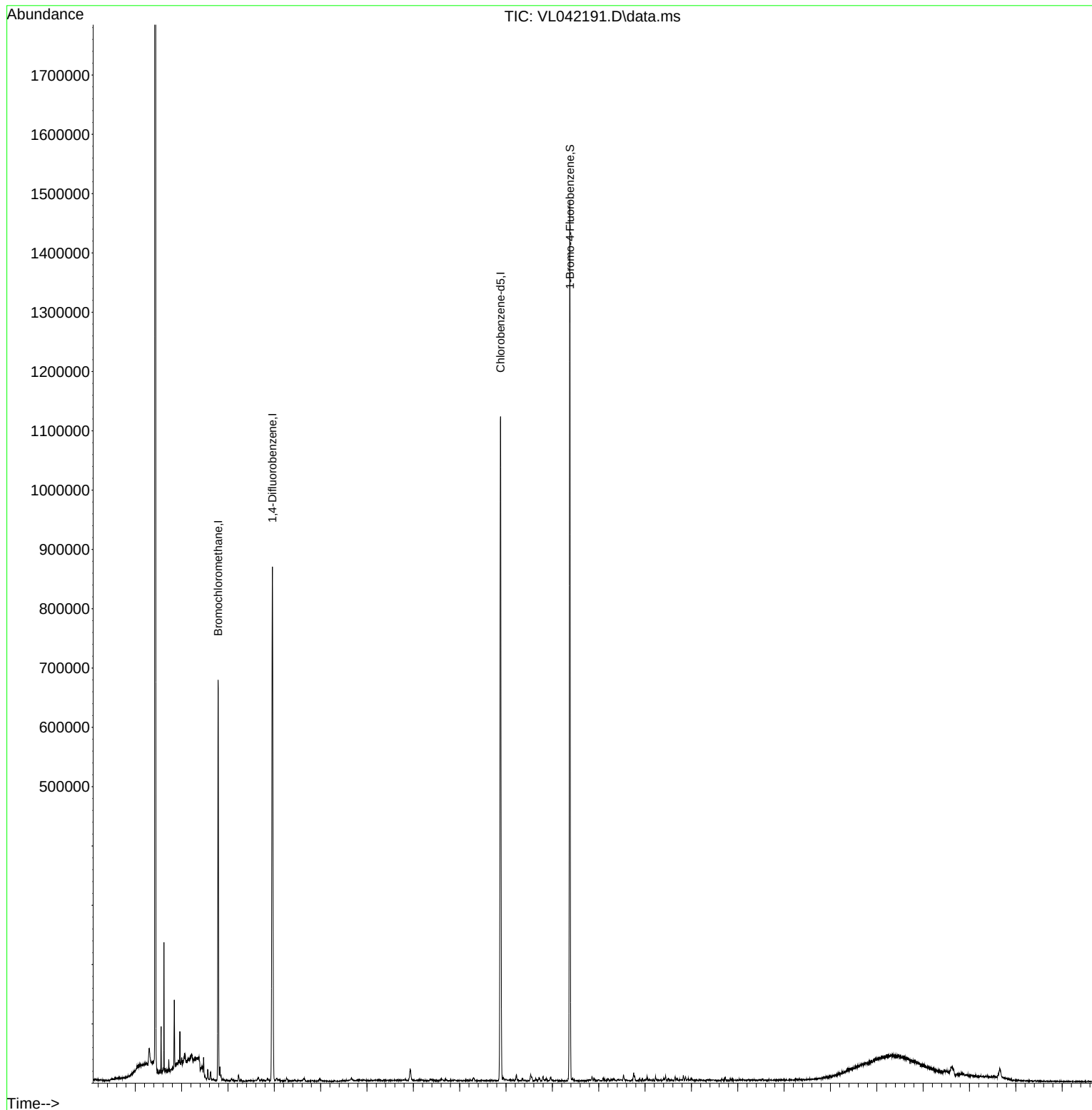
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
Data File : VL042191.D
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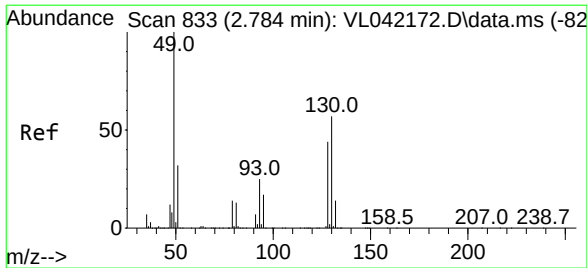
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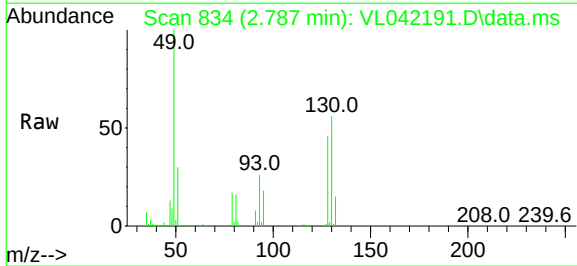
Quant Time: Mar 28 02:18:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL042191.D
Acq: 27 Mar 2025 21:57

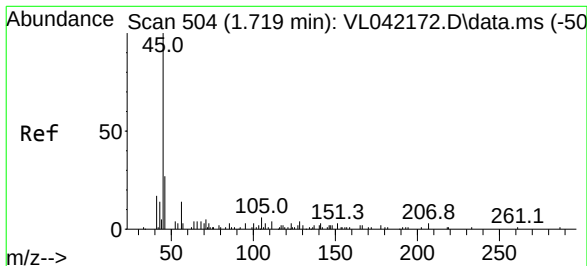
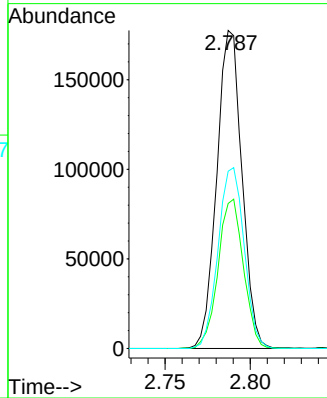
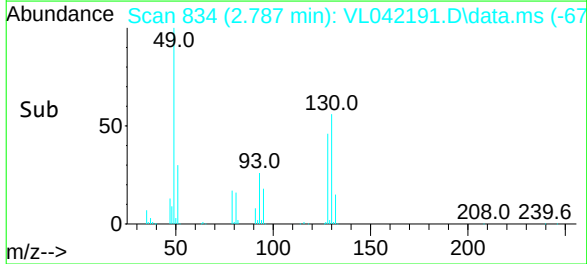
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-3-3262025



Tgt Ion: 49 Resp: 183006
Ion Ratio Lower Upper
49 100
128 47.2 22.9 68.5
130 58.8 28.8 86.4

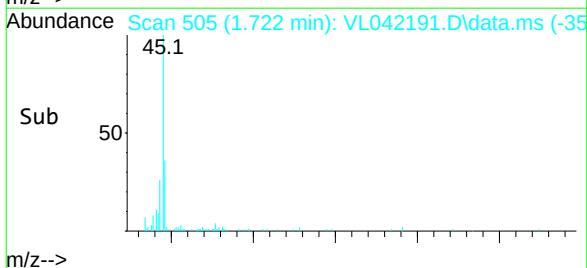
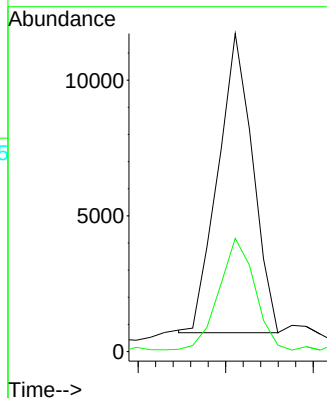
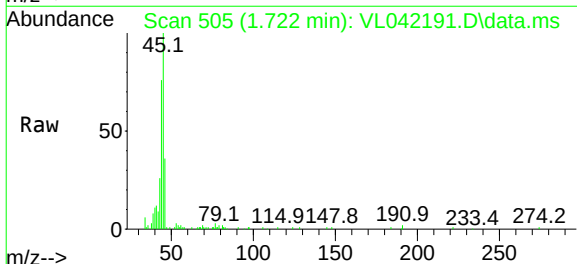
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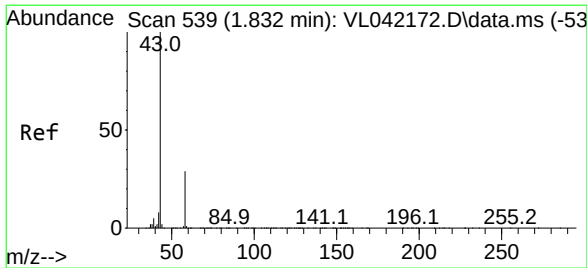
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#13
Ethanol
Concen: 5.089 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042191.D
Acq: 27 Mar 2025 21:57

Tgt Ion: 45 Resp: 6087
Ion Ratio Lower Upper
45 100
46 0.0 20.2 80.8#





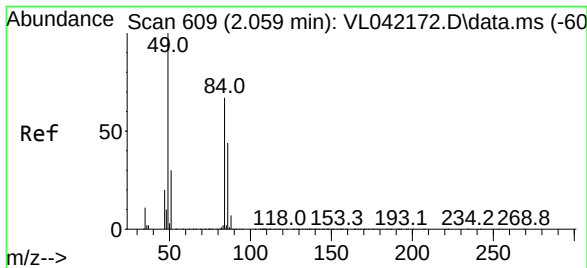
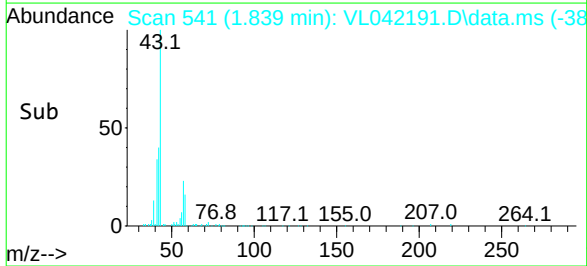
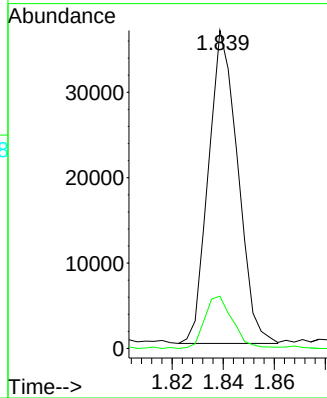
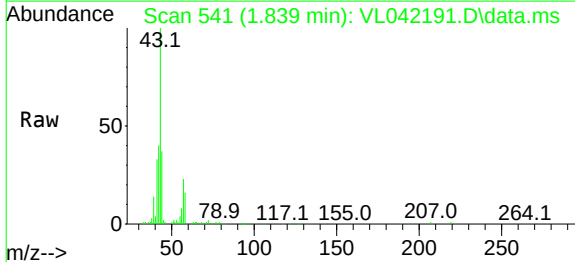
#15
Acetone
Concen: 1.146 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL042191.D
Acq: 27 Mar 2025 21:57

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-3-3262025

Tgt Ion: 43 Resp: 29342
Ion Ratio Lower Upper
43 100
58 17.3 23.2 34.8#

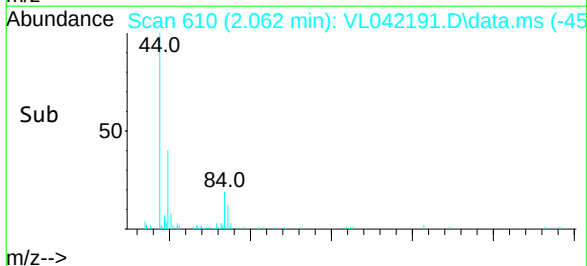
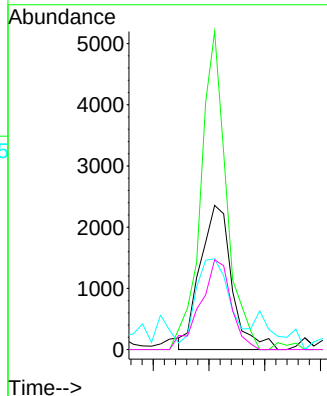
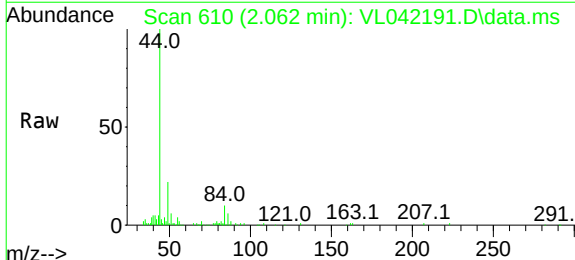
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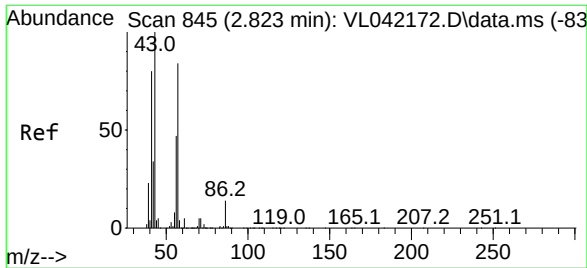
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#20
Methylene Chloride
Concen: 0.195 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042191.D
Acq: 27 Mar 2025 21:57

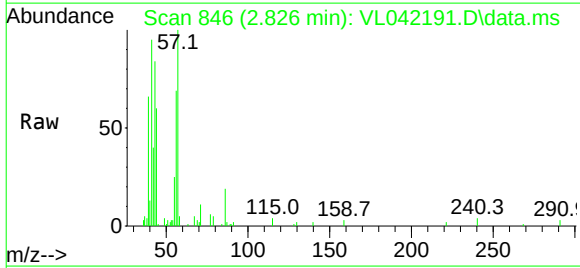
Tgt Ion: 84 Resp: 1859
Ion Ratio Lower Upper
84 100
49 216.5 120.2 180.4#
51 56.8 37.4 56.0#
86 60.6 52.4 78.6





#26
Hexane
Concen: 0.186 ppbv
RT: 2.826 min Scan# 84
Delta R.T. 0.003 min
Lab File: VL042191.D
Acq: 27 Mar 2025 21:57

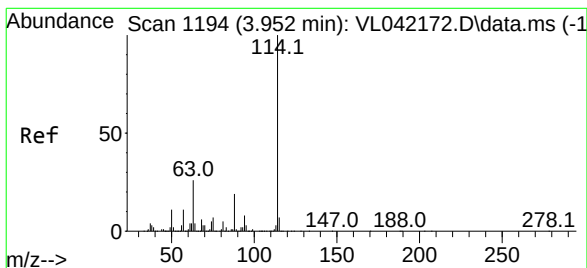
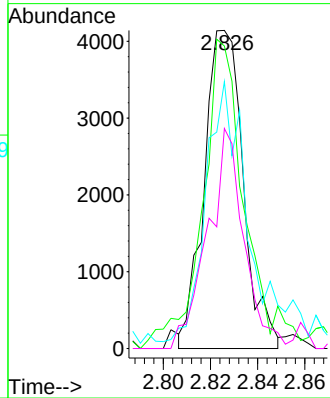
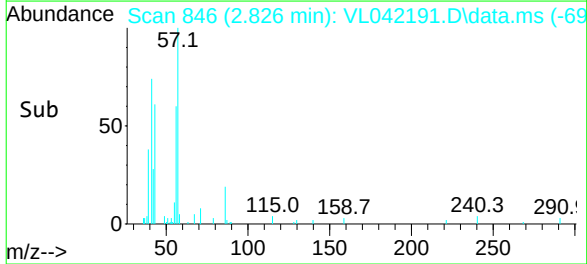
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-3-3262025



Tgt Ion: 57 Resp: 4764
Ion Ratio Lower Upper
57 100
41 109.6 76.6 114.8
43 109.9 207.8 311.8#
56 73.0 43.6 65.4#

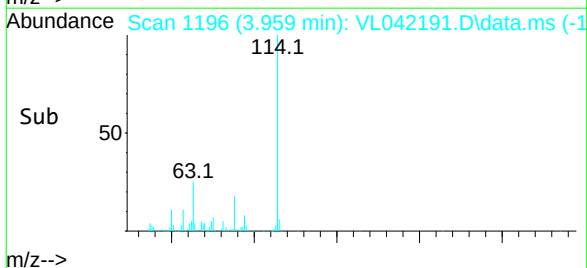
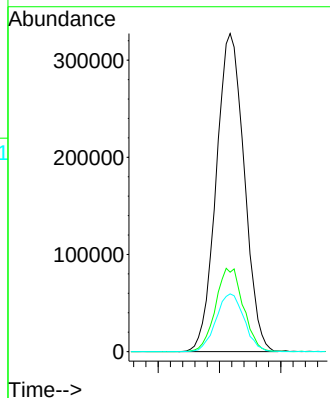
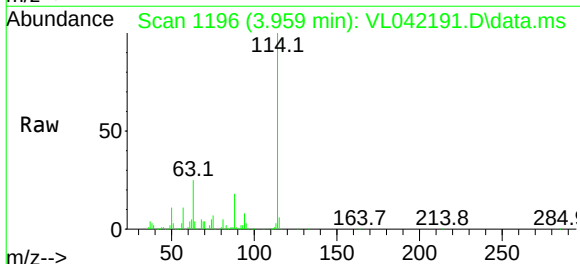
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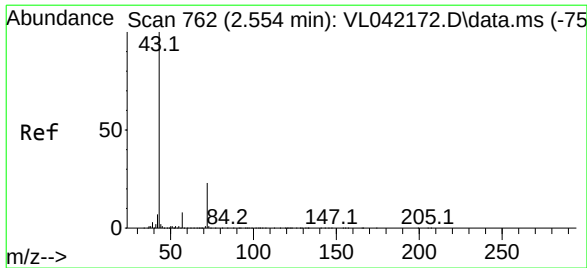
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.006 min
Lab File: VL042191.D
Acq: 27 Mar 2025 21:57

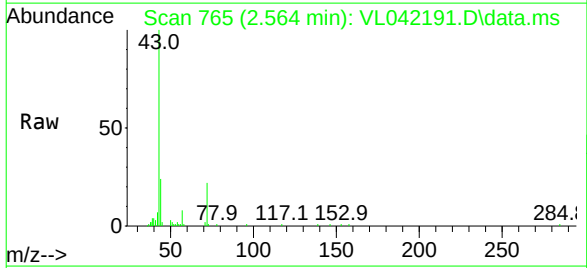
Tgt Ion:114 Resp: 519492
Ion Ratio Lower Upper
114 100
63 25.9 20.7 31.1
88 18.2 15.0 22.4





#34
2-Butanone
Concen: 0.306 ppbv
RT: 2.564 min Scan# 762
Delta R.T. 0.010 min
Lab File: VL042191.D
Acq: 27 Mar 2025 21:57

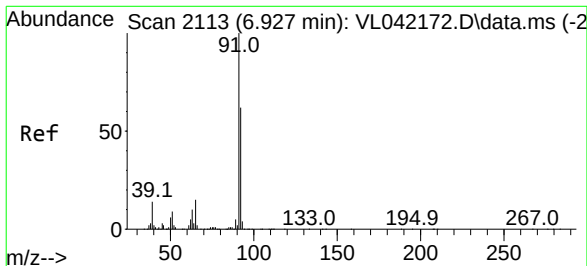
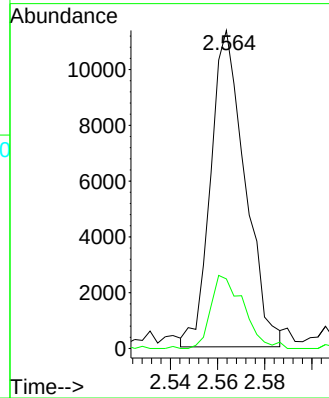
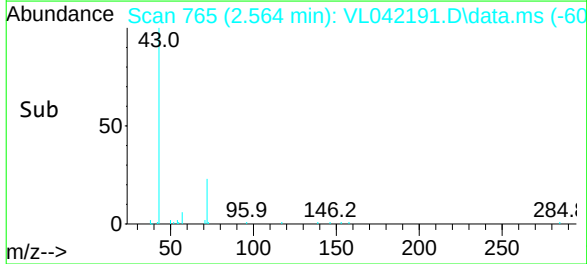
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-3-3262025



Tgt Ion: 43 Resp: 11529
Ion Ratio Lower Upper
43 100
72 22.1 18.2 27.2

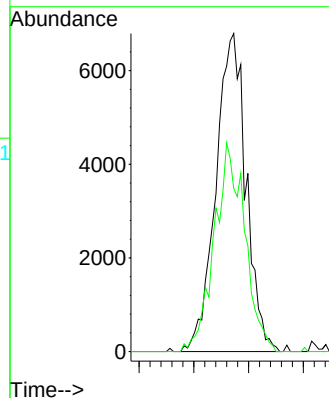
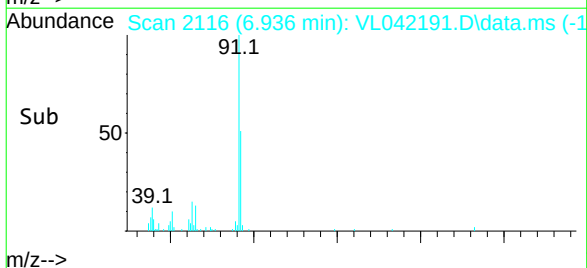
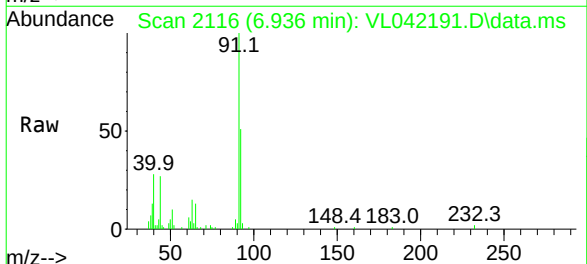
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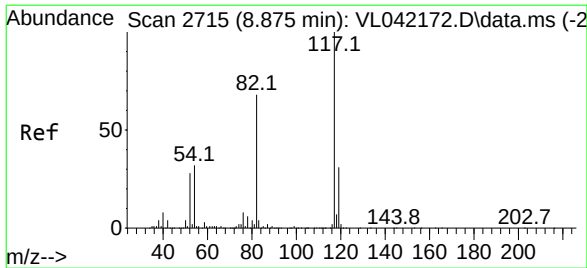
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#53
Toluene
Concen: 0.213 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. 0.010 min
Lab File: VL042191.D
Acq: 27 Mar 2025 21:57

Tgt Ion: 91 Resp: 13033
Ion Ratio Lower Upper
91 100
92 66.0 48.4 72.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.882 min Scan# 2715

Delta R.T. 0.006 min

Lab File: VL042191.D

Acq: 27 Mar 2025 21:57

Instrument :

MSVOA_L

ClientSampleId :

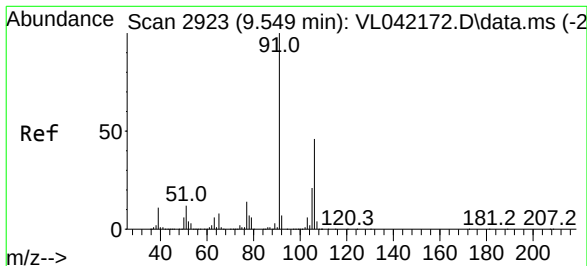
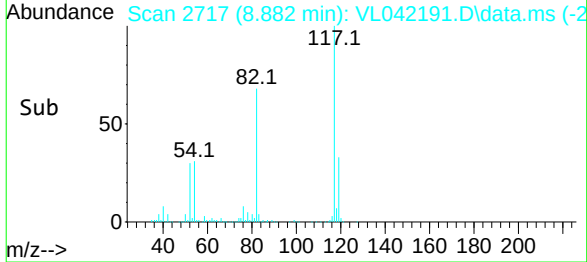
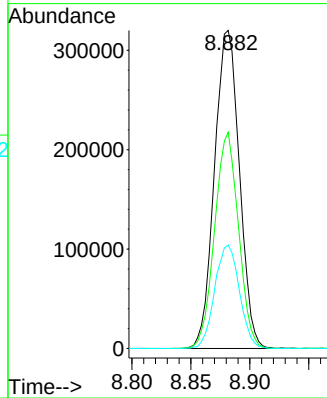
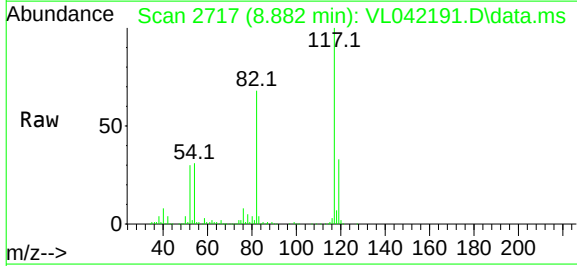
SSSG-B16-3-3262025

Tgt Ion:	117	Resp:	470953
Ion	Ratio	Lower	Upper
117	100		
82	65.1	55.8	83.6
119	32.3	25.5	38.3

Manual Integrations

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#59

m/p-Xylene

Concen: 0.100 ppbv m

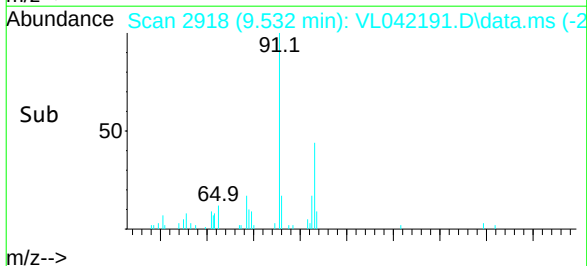
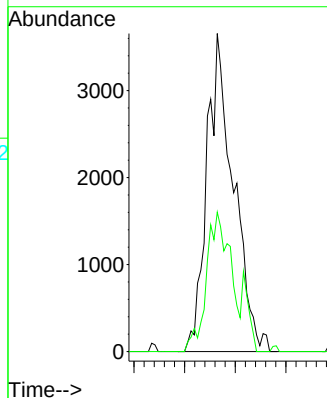
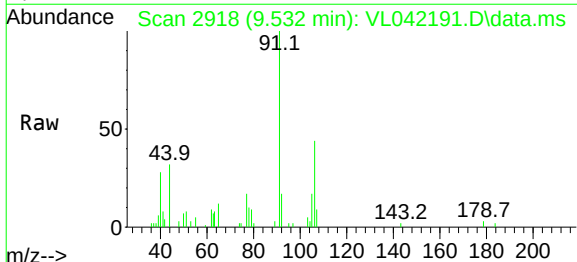
RT: 9.532 min Scan# 2918

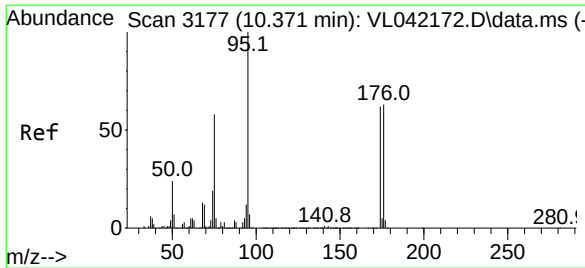
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Lab File: VL042191.D

Acq: 27 Mar 2025 21:57

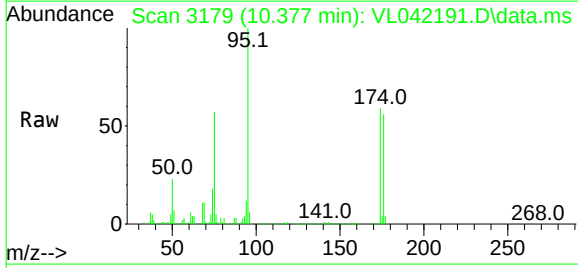
Tgt Ion:	91	Resp:	6671
Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.4	54.6





#68
1-Bromo-4-Fluorobenzene
Concen: 9.805 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.006 min
Lab File: VL042191.D
Acq: 27 Mar 2025 21:57

Instrument : MSVOA_L
ClientSampleId : SSSG-B16-3-3262025



Tgt Ion:	95	Resp:	379203
Ion Ratio	Lower	Upper	
95	100		
174	61.1	50.6	76.0
175	4.7	3.8	5.6

Manual Integrations
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