

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
 Data File : VL042195.D
 Acq On : 28 Mar 2025 00:06
 Operator : SY/MD
 Sample : Q1669-01DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B9-3-3262025DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 28 02:19:56 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	2.784	49	175494	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	495493	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.879	117	449375	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	365476	9.904	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%
Target Compounds						
					Qvalue	
9) Propene	1.483	41	2514m	0.207	ppbv	
13) Ethanol	1.719	45	13574	11.835	ppbv	85
15) Acetone	1.832	43	182020	7.416	ppbv	96
20) Methylene Chloride	2.059	84	2019	0.221	ppbv #	68
26) Hexane	2.823	57	8040	0.327	ppbv #	32
34) 2-Butanone	2.557	43	6791	0.189	ppbv	100
36) Benzene	3.655	78	5647	0.115	ppbv	92
53) Toluene	6.927	91	24689	0.424	ppbv	97
59) m/p-Xylene	9.526	91	11405m	0.179	ppbv	

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

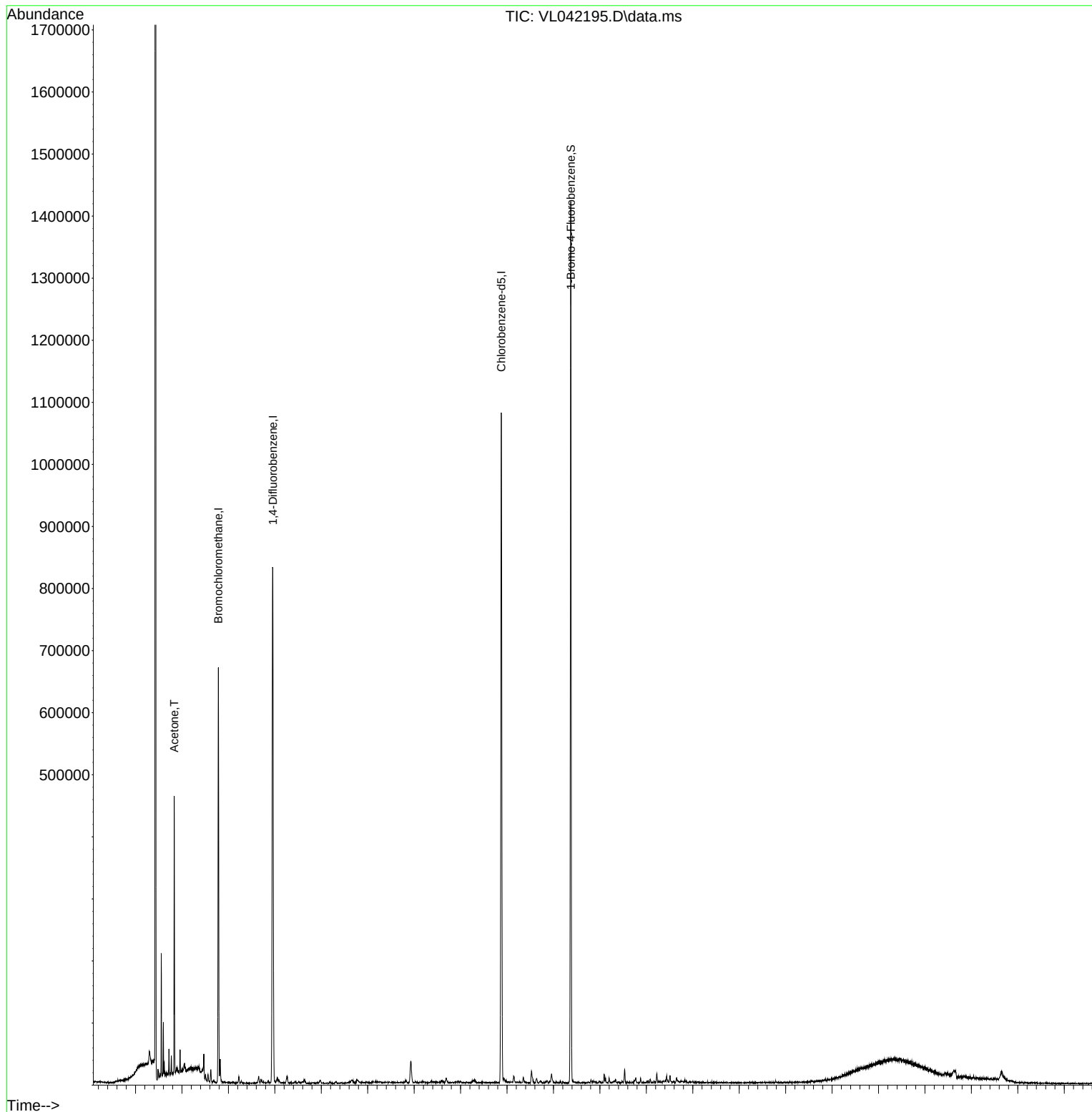
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
Data File : VL042195.D
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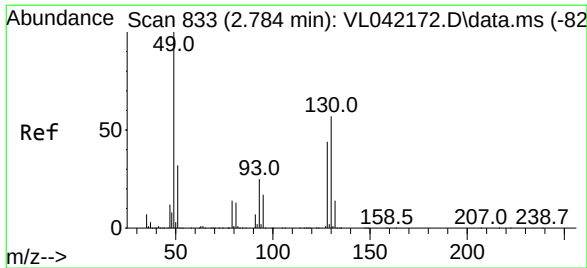
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DL

Quant Time: Mar 28 02:19:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
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Response via : Initial Calibration

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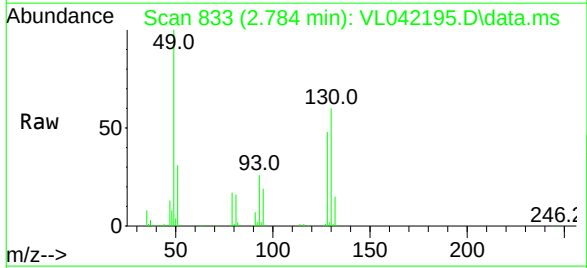
Reviewed By : Semsettin Yesilyurt 03/31/2025
Supervised By : Mahesh Dadoda 04/03/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 833
Delta R.T. -0.000 min
Lab File: VL042195.D
Acq: 28 Mar 2025 00:06

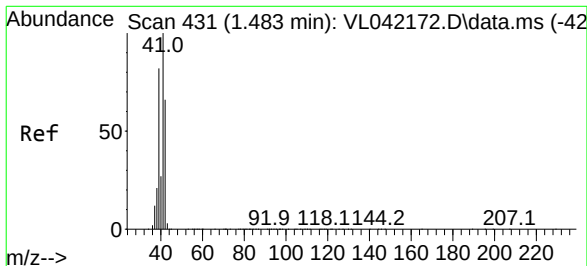
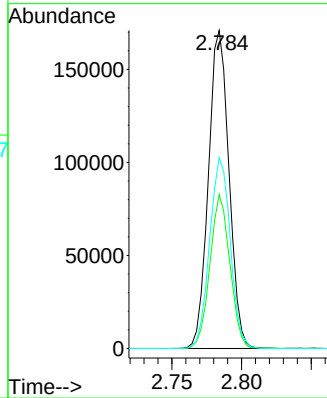
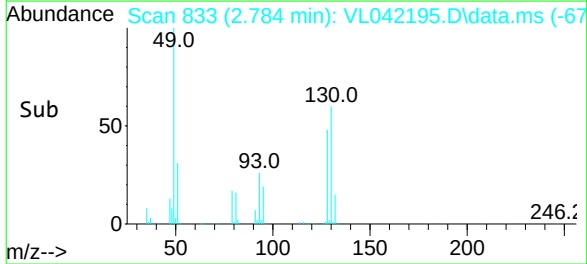
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DL



Tgt Ion: 49 Resp: 175494
Ion Ratio Lower Upper
49 100
128 47.0 22.9 68.5
130 60.4 28.8 86.4

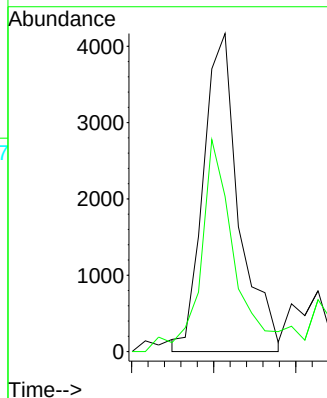
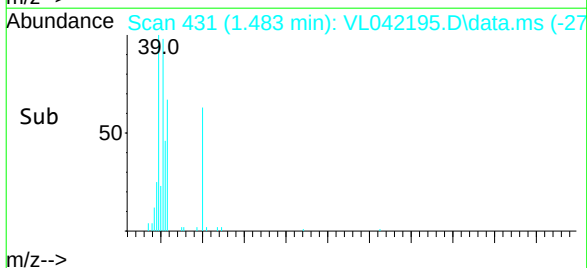
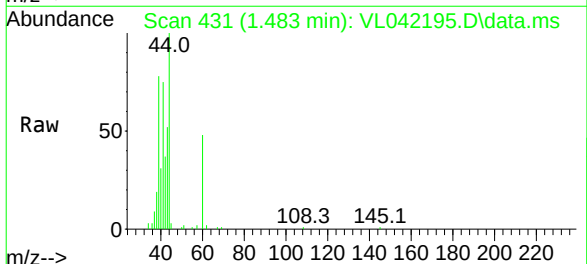
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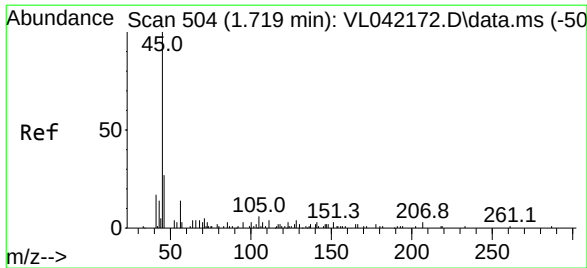
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#9
Propene
Concen: 0.207 ppbv m
RT: 1.483 min Scan# 431
Delta R.T. -0.000 min
Lab File: VL042195.D
Acq: 28 Mar 2025 00:06

Tgt Ion: 41 Resp: 2514
Ion Ratio Lower Upper
41 100
42 48.5 55.4 83.2#





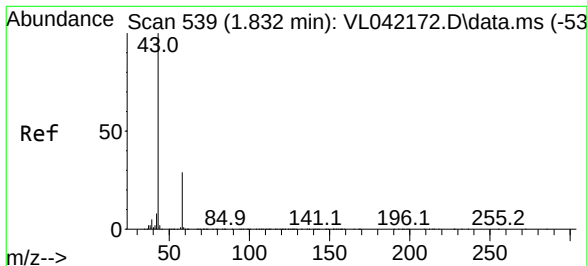
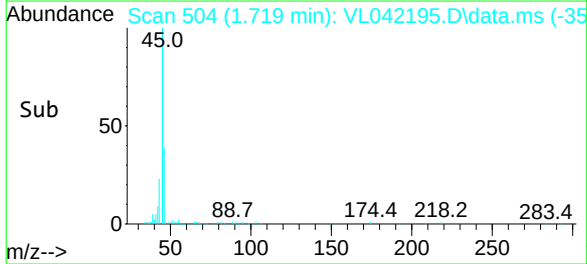
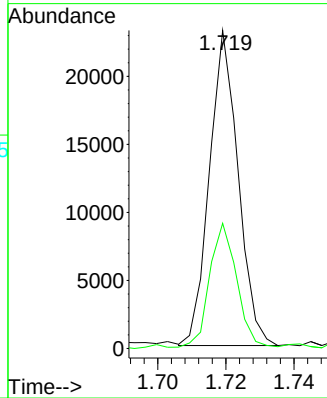
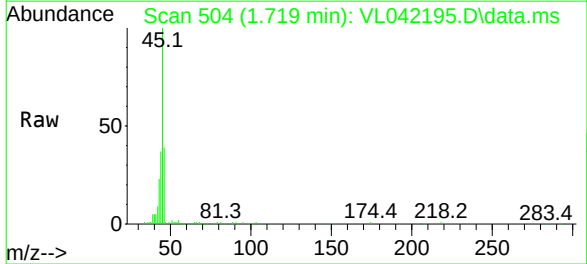
#13
Ethanol
Concen: 11.835 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042195.D
Acq: 28 Mar 2025 00:06

Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DL

Tgt Ion: 45 Resp: 13574
Ion Ratio Lower Upper
45 100
46 40.2 20.2 80.8

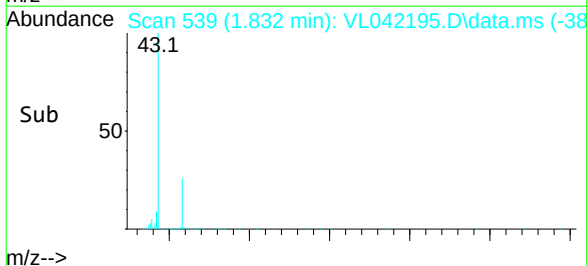
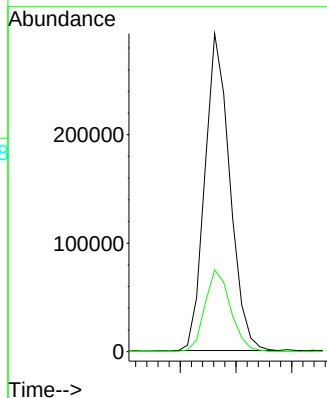
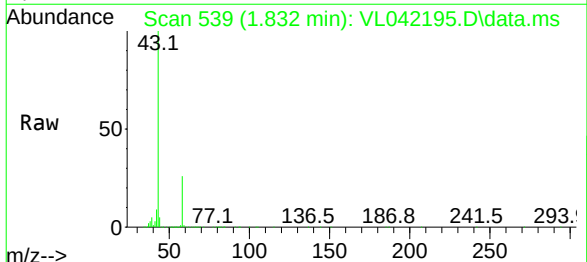
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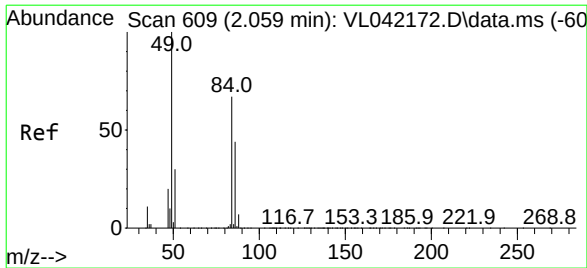
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#15
Acetone
Concen: 7.416 ppbv
RT: 1.832 min Scan# 539
Delta R.T. -0.000 min
Lab File: VL042195.D
Acq: 28 Mar 2025 00:06

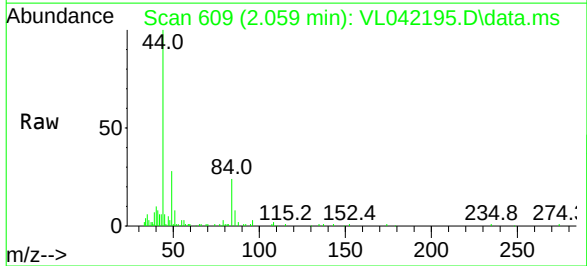
Tgt Ion: 43 Resp: 182020
Ion Ratio Lower Upper
43 100
58 26.8 23.2 34.8





#20
Methylene Chloride
Concen: 0.221 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.000 min
Lab File: VL042195.D
Acq: 28 Mar 2025 00:06

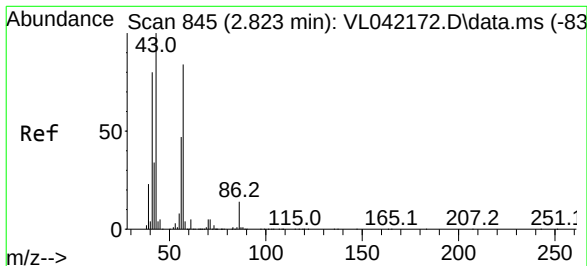
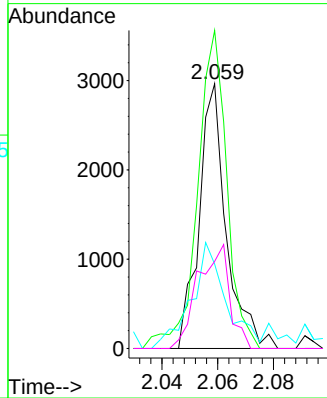
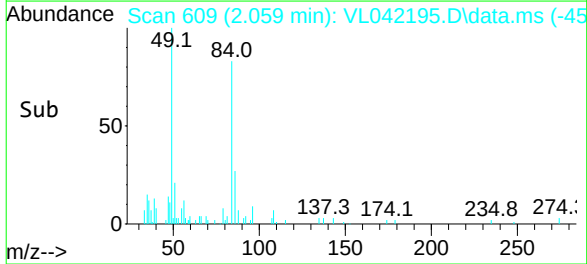
Instrument : MSVOA_L
ClientSampleId : IA-B9-3-3262025DL



Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.6	120.2	180.4#
51	31.6	37.4	56.0#
86	32.9	52.4	78.6#

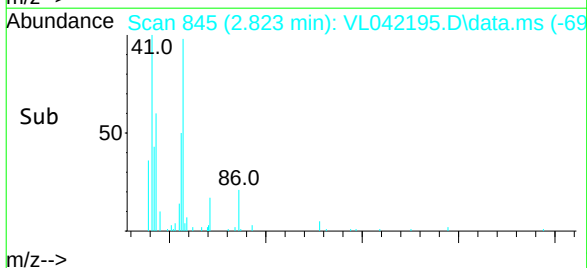
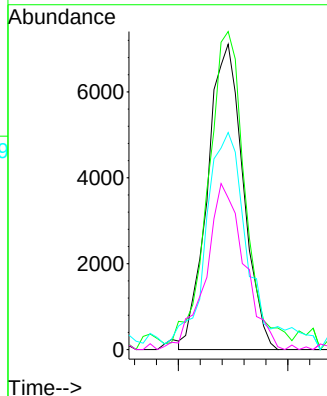
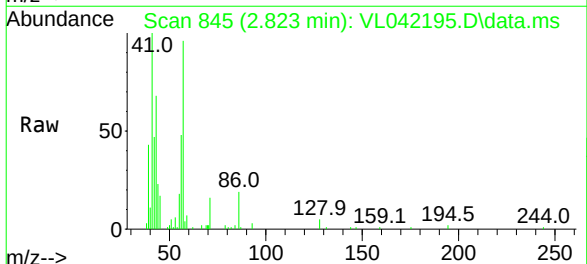
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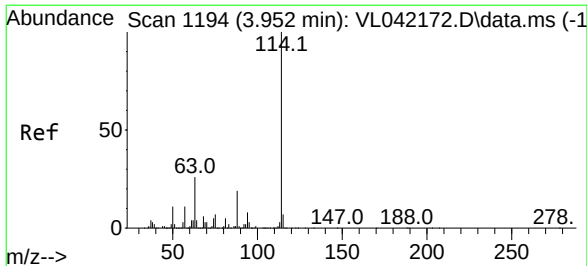
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#26
Hexane
Concen: 0.327 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.000 min
Lab File: VL042195.D
Acq: 28 Mar 2025 00:06

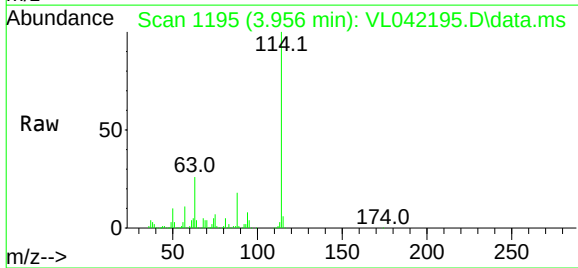
Tgt Ion	Ratio	Lower	Upper
57	100		
41	117.4	76.6	114.8#
43	86.5	207.8	311.8#
56	59.3	43.6	65.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.956 min Scan# 1195
Delta R.T. 0.003 min
Lab File: VL042195.D
Acq: 28 Mar 2025 00:06

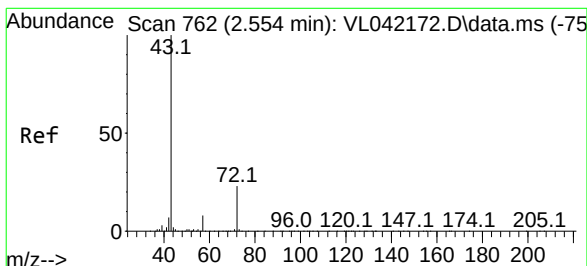
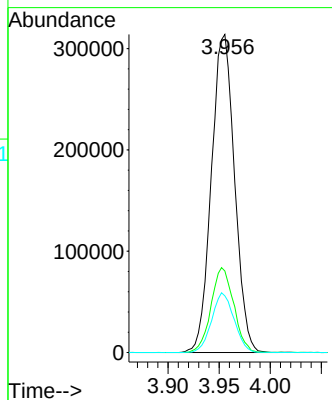
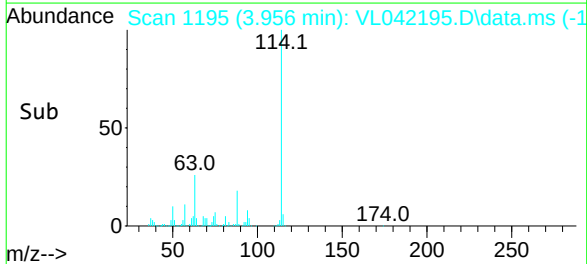
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DL



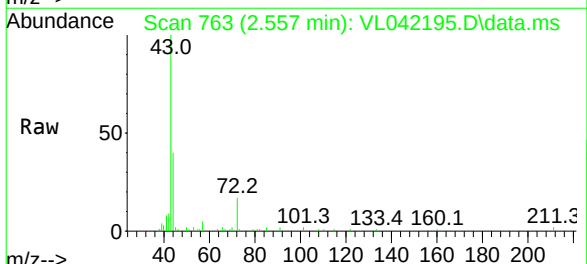
Tgt Ion: 114 Resp: 495493
Ion Ratio Lower Upper
114 100
63 26.2 20.7 31.1
88 18.1 15.0 22.4

Manual Integrations
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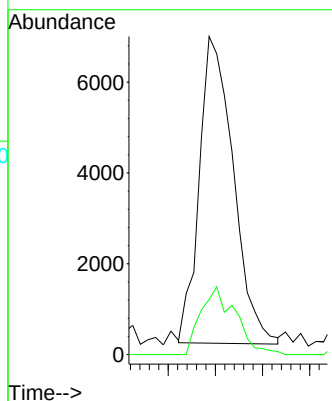
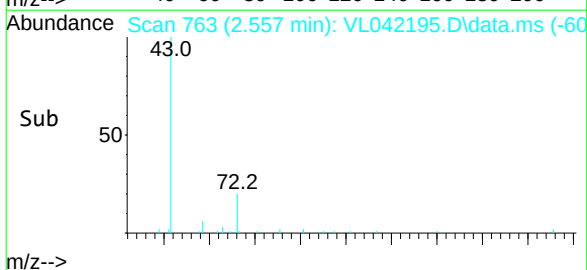
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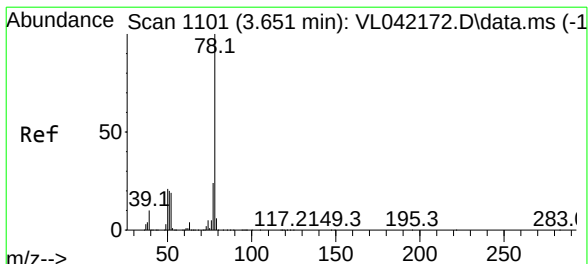


#34
2-Butanone
Concen: 0.189 ppbv
RT: 2.557 min Scan# 763
Delta R.T. 0.003 min
Lab File: VL042195.D
Acq: 28 Mar 2025 00:06



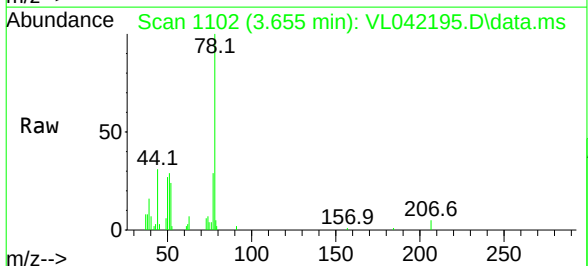
Tgt Ion: 43 Resp: 6791
Ion Ratio Lower Upper
43 100
72 22.7 18.2 27.2





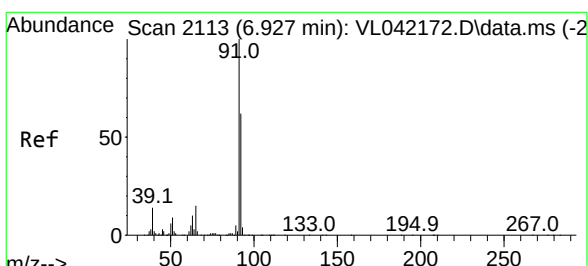
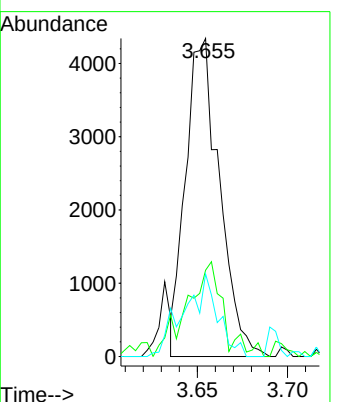
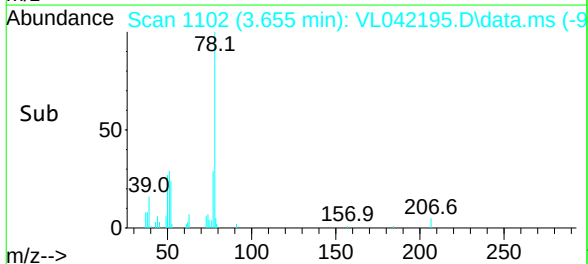
#36
Benzene
Concen: 0.115 ppbv
RT: 3.655 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VL042195.D
Acq: 28 Mar 2025 00:06

Instrument : MSVOA_L
ClientSampleId : IA-B9-3-3262025DL

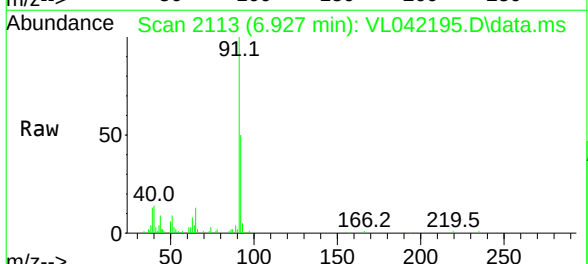


Tgt Ion: 78	Resp: 5647
Ion Ratio	Lower Upper
78 100	
77 27.1	19.1 28.7
50 16.7	16.6 24.8

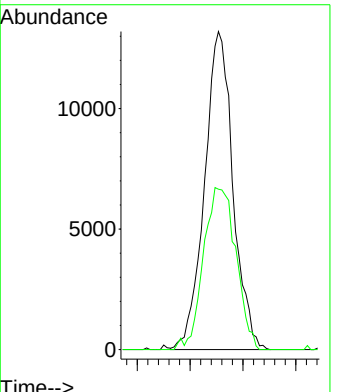
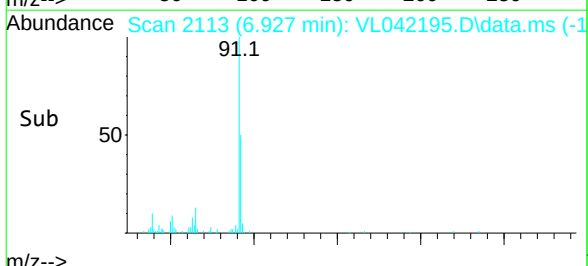
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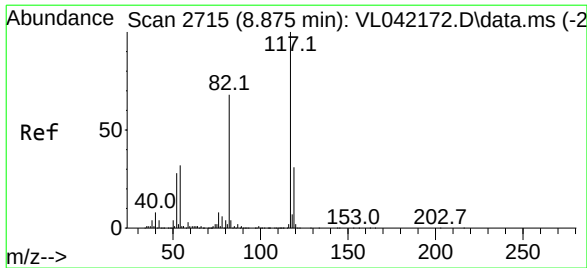


#53
Toluene
Concen: 0.424 ppbv
RT: 6.927 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VL042195.D
Acq: 28 Mar 2025 00:06



Tgt Ion: 91	Resp: 24689
Ion Ratio	Lower Upper
91 100	
92 58.1	48.4 72.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.879 min Scan# 2715

Delta R.T. 0.003 min

Lab File: VL042195.D

Acq: 28 Mar 2025 00:06

Instrument :

MSVOA_L

ClientSampleId :

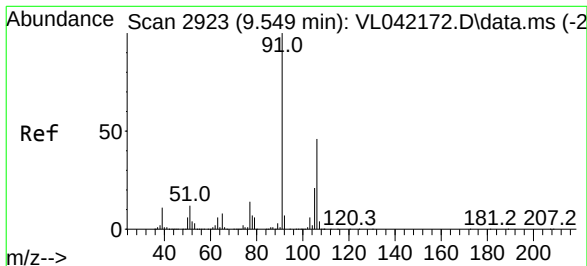
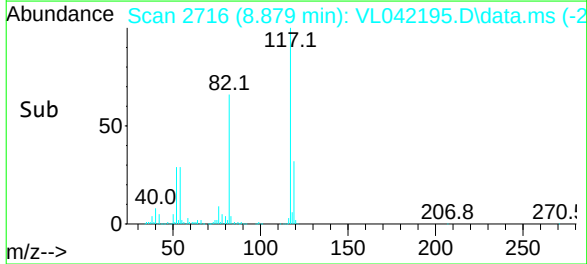
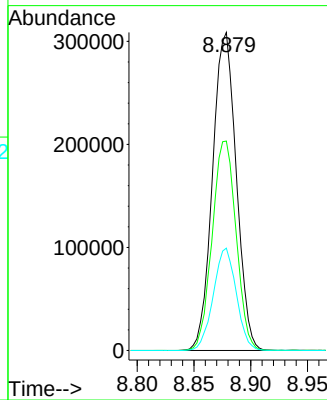
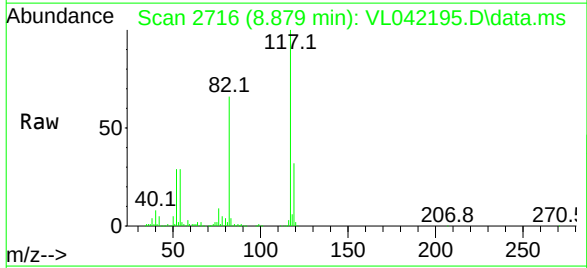
IA-B9-3-3262025DL

Tgt Ion:	117	Resp:	449375
Ion Ratio	Lower	Upper	
117	100		
82	66.4	55.8	83.6
119	31.3	25.5	38.3

Manual Integrations

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#59

m/p-Xylene

Concen: 0.179 ppbv m

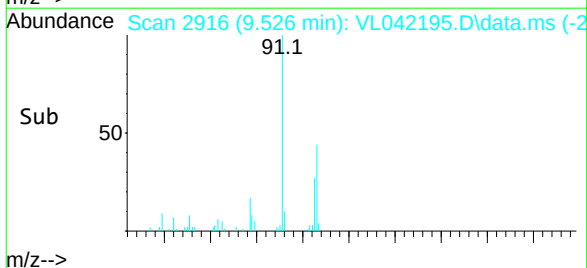
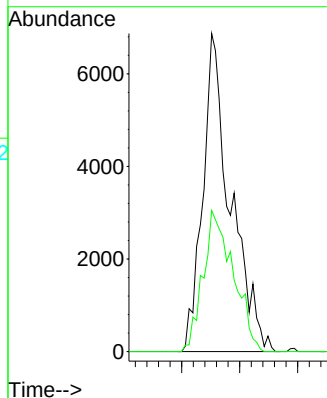
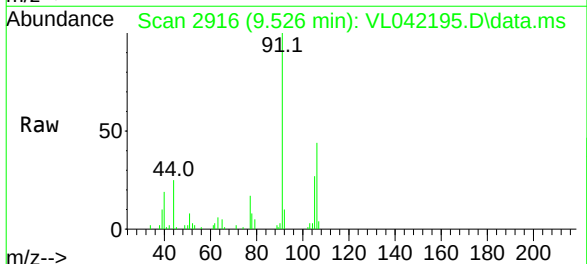
RT: 9.526 min Scan# 2916

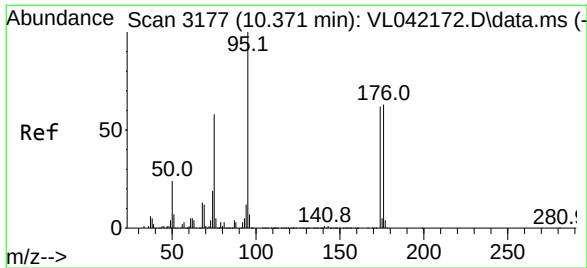
Delta R.T. -0.023 min

Lab File: VL042195.D

Acq: 28 Mar 2025 00:06

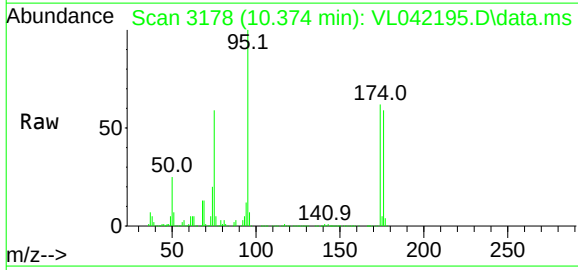
Tgt Ion:	91	Resp:	11405
Ion Ratio	Lower	Upper	
91	100		
106	0.0	36.4	54.6





#68
1-Bromo-4-Fluorobenzene
Concen: 9.904 ppbv
RT: 10.374 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VL042195.D
Acq: 28 Mar 2025 00:06

Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DL



Tgt Ion: 95 Resp: 365476
Ion Ratio Lower Upper
95 100
174 60.7 50.6 76.0
175 4.6 3.8 5.6

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