

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
 Data File : VL042193.D
 Acq On : 27 Mar 2025 23:01
 Operator : SY/MD
 Sample : Q1669-08 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B16-2-3262025

Manual Integrations
 APPROVED

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

Quant Time: Mar 28 02:19:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	177192	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	506720	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	451081	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	370742	10.008	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.100%
Target Compounds						
					Qvalue	
13) Ethanol	1.722	45	1472m	1.271	ppbv	
15) Acetone	1.835	43	29009	1.171	ppbv	95
20) Methylene Chloride	2.062	84	1503	0.163	ppbv	92
29) Chloroform	2.848	83	5326	0.146	ppbv	99
50) 4-Methyl-2-Pentanone	5.771	43	18754m	0.322	ppbv	
53) Toluene	6.936	91	16492m	0.277	ppbv	
59) m/p-Xylene	9.532	91	7581m	0.118	ppbv	

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

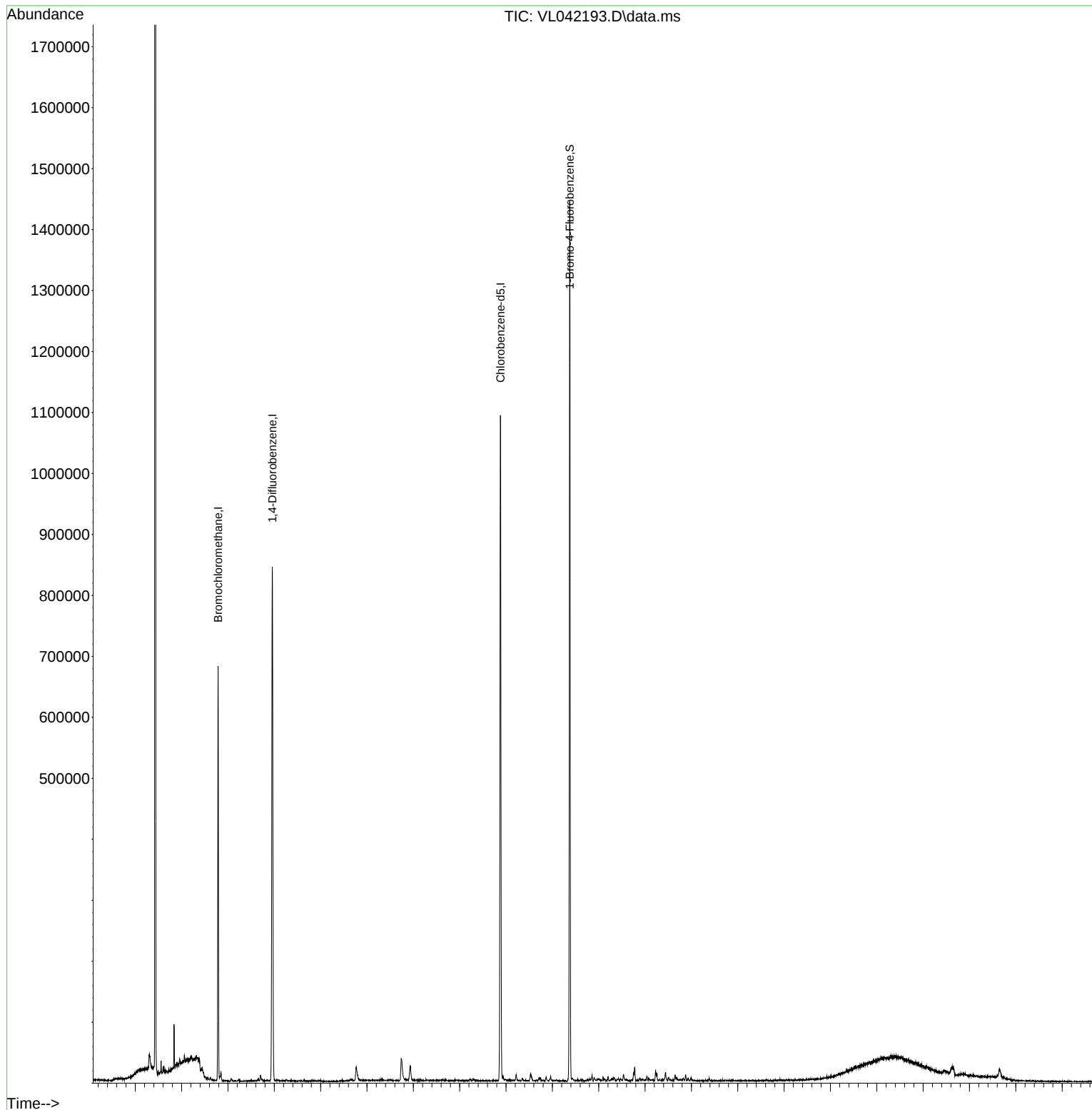
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
Data File : VL042193.D
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Operator : SY/MD
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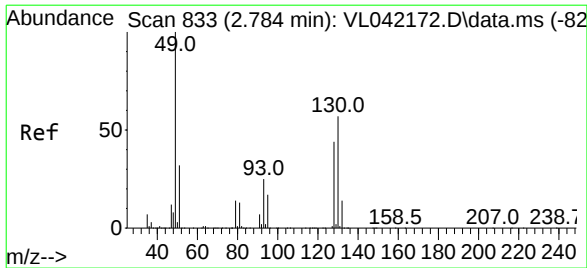
Instrument :
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ClientSampleId :
SSSG-B16-2-3262025

Quant Time: Mar 28 02:19:12 2025
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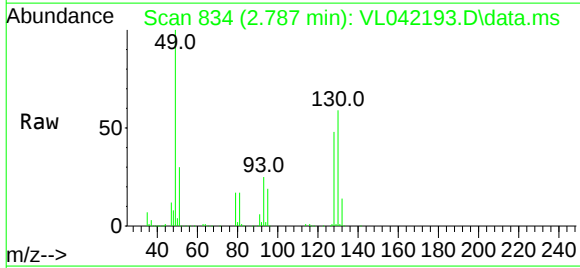
Reviewed By : Semsettin Yesilyurt 03/31/2025
Supervised By : Mahesh Dadoda 04/03/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL042193.D
Acq: 27 Mar 2025 23:01

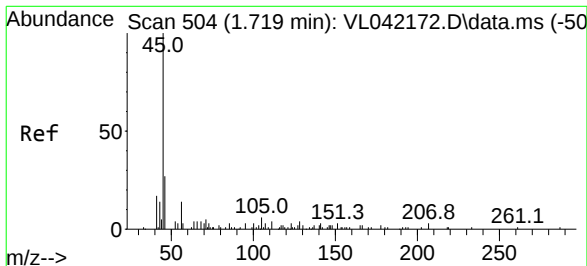
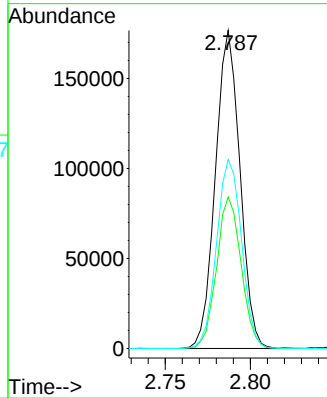
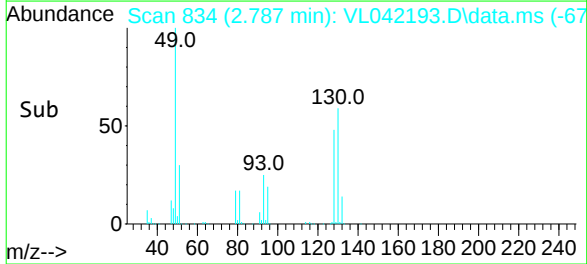
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-2-3262025



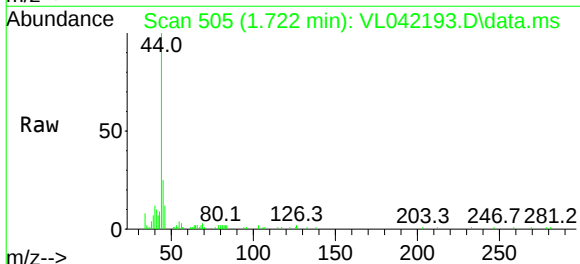
Tgt Ion: 49 Resp: 177192
Ion Ratio Lower Upper
49 100
128 47.7 22.9 68.5
130 60.7 28.8 86.4

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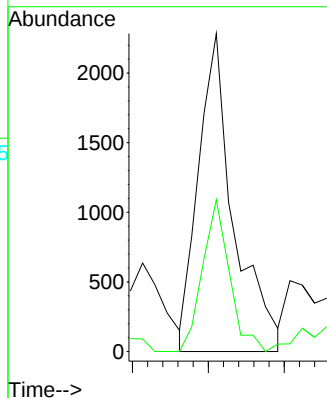
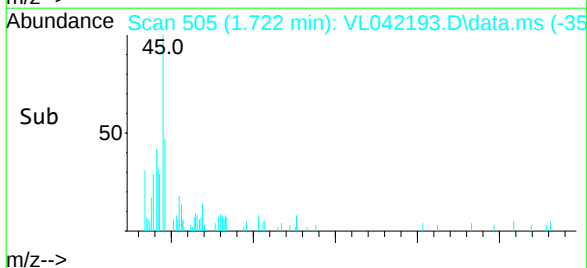
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025

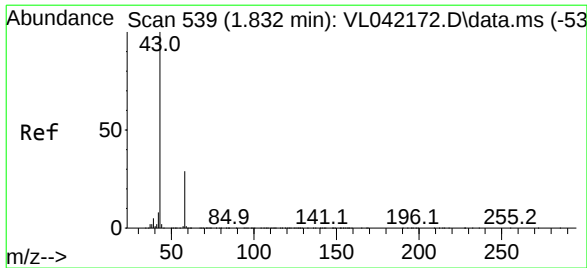


#13
Ethanol
Concen: 1.271 ppbv m
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042193.D
Acq: 27 Mar 2025 23:01



Tgt Ion: 45 Resp: 1472
Ion Ratio Lower Upper
45 100
46 16771.5 20.2 80.8#





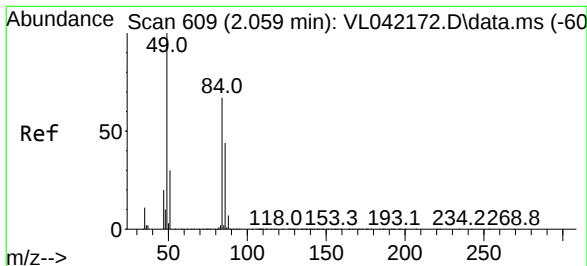
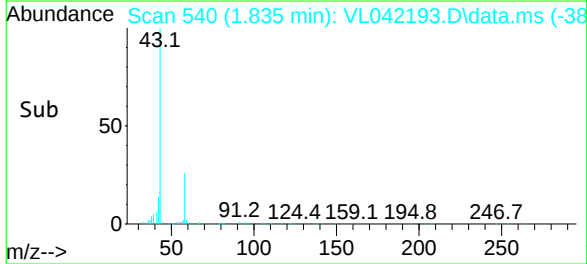
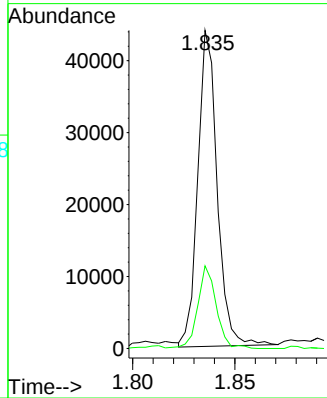
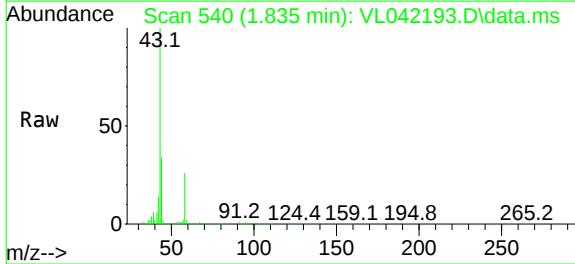
#15
Acetone
Concen: 1.171 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL042193.D
Acq: 27 Mar 2025 23:01

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-2-3262025

Tgt Ion: 43 Resp: 29009
Ion Ratio Lower Upper
43 100
58 26.5 23.2 34.8

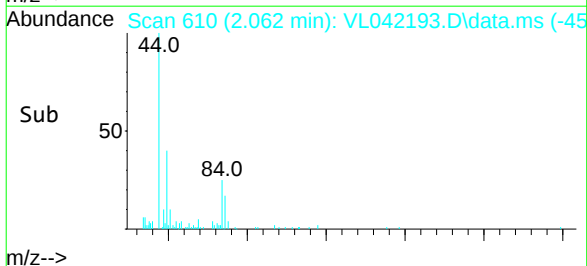
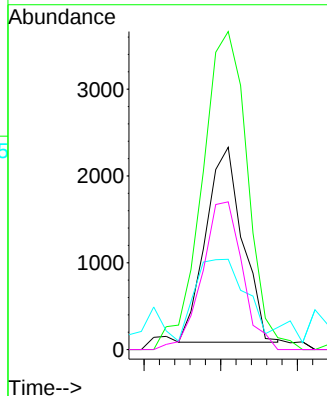
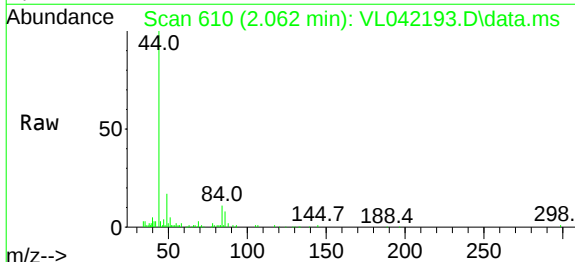
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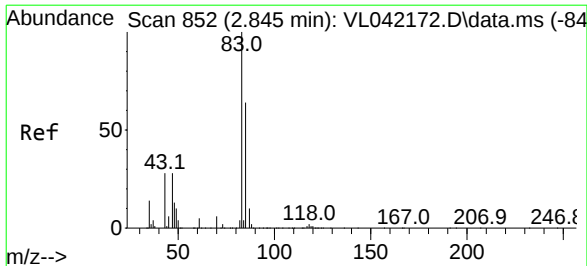
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#20
Methylene Chloride
Concen: 0.163 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042193.D
Acq: 27 Mar 2025 23:01

Tgt Ion: 84 Resp: 1503
Ion Ratio Lower Upper
84 100
49 157.0 120.2 180.4
51 42.0 37.4 56.0
86 75.8 52.4 78.6





#29

Chloroform

Concen: 0.146 ppbv

RT: 2.848 min Scan# 85

Delta R.T. 0.003 min

Lab File: VL042193.D

Acq: 27 Mar 2025 23:01

Instrument :

MSVOA_L

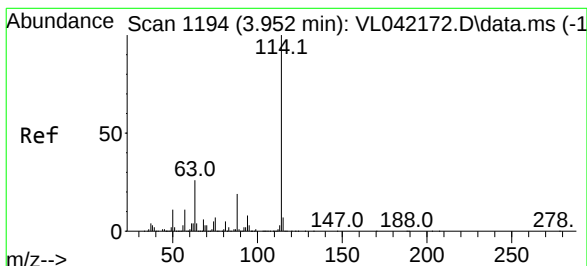
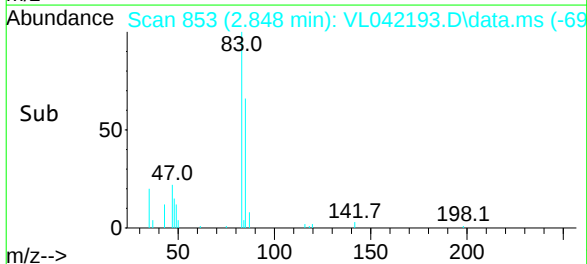
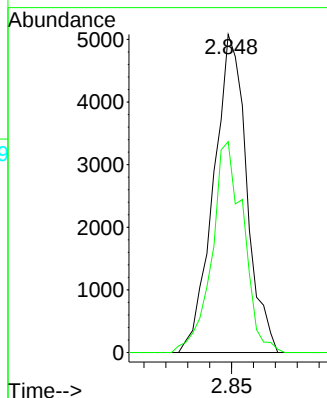
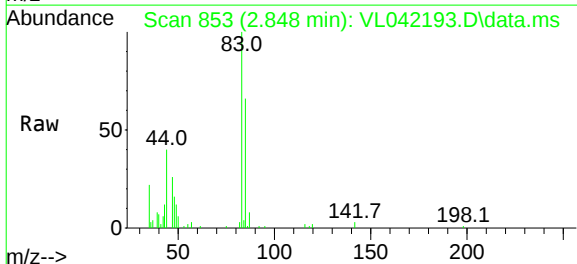
ClientSampleId :

SSSG-B16-2-3262025

Tgt	Ion	Ratio	Lower	Upper
83	100			
85	65.3	51.4	77.2	

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

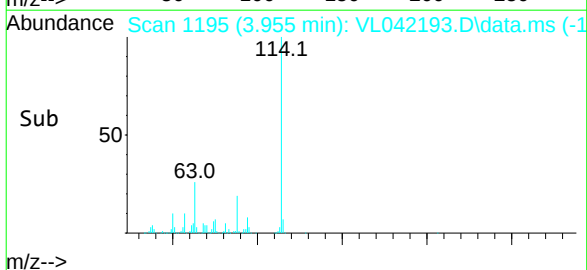
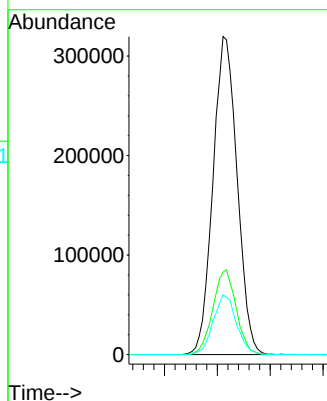
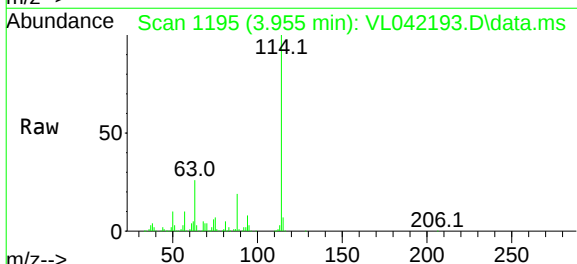
RT: 3.955 min Scan# 1195

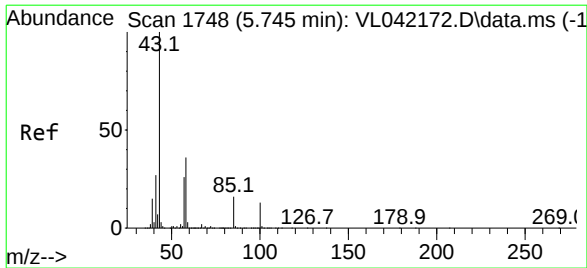
Delta R.T. 0.003 min

Lab File: VL042193.D

Acq: 27 Mar 2025 23:01

Tgt	Ion	Ratio	Lower	Upper
114	100			
63	25.7	20.7	31.1	
88	18.0	15.0	22.4	





#50

4-Methyl-2-Pentanone

Concen: 0.322 ppbv m

RT: 5.771 min Scan# 17

Delta R.T. 0.026 min

Lab File: VL042193.D

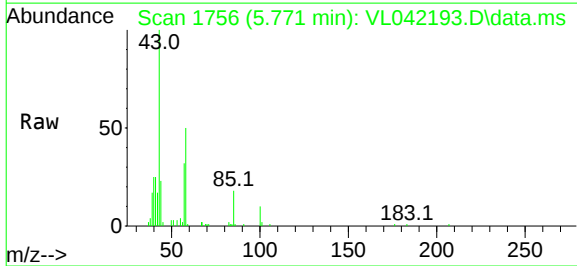
Acq: 27 Mar 2025 23:01

Instrument :

MSVOA_L

ClientSampleId :

SSSG-B16-2-3262025



Tgt Ion: 43 Resp: 18754

Ion Ratio Lower Upper

43 100

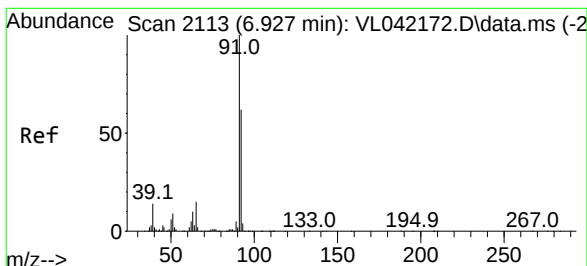
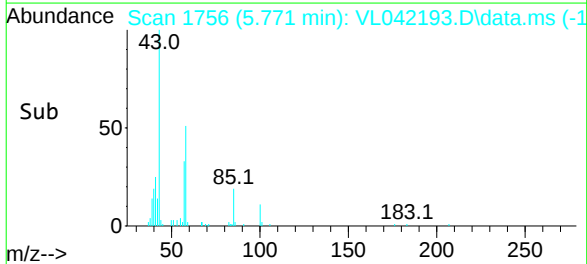
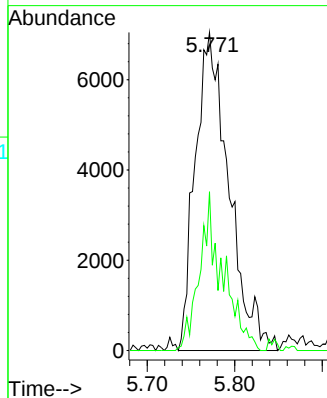
58 35.7 29.0 43.6

Manual Integrations

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#53

Toluene

Concen: 0.277 ppbv m

RT: 6.936 min Scan# 2116

Delta R.T. 0.009 min

Lab File: VL042193.D

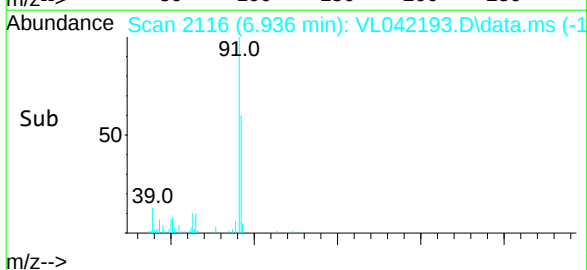
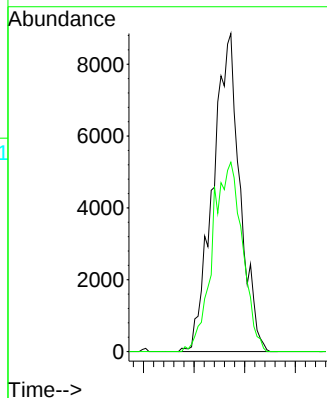
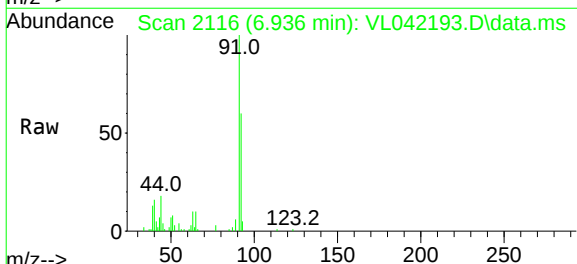
Acq: 27 Mar 2025 23:01

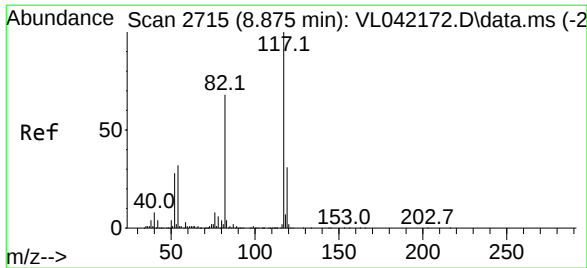
Tgt Ion: 91 Resp: 16492

Ion Ratio Lower Upper

91 100

92 65.5 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: VL042193.D

Acq: 27 Mar 2025 23:01

Instrument :

MSVOA_L

ClientSampleId :

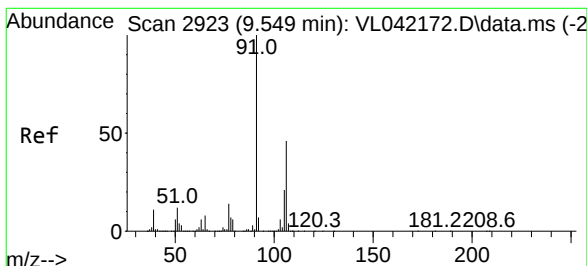
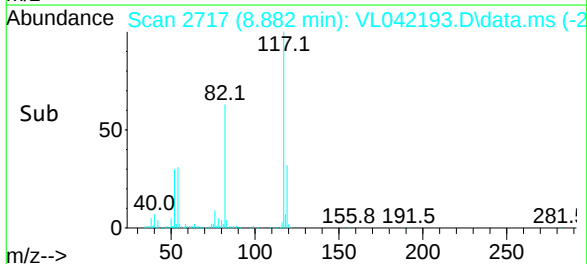
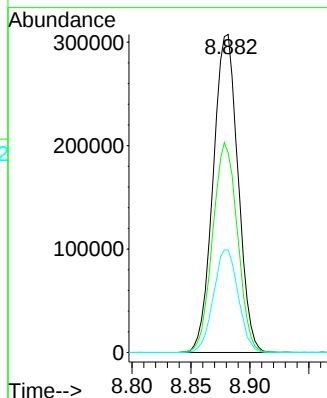
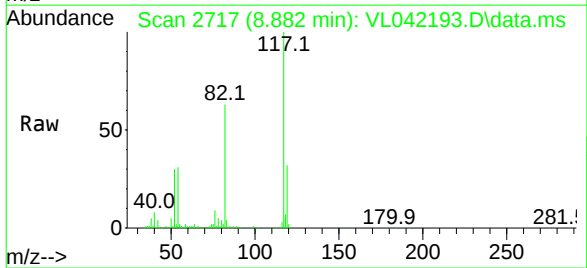
SSSG-B16-2-3262025

Tgt Ion:	117	Resp:	451081
Ion Ratio	Lower	Upper	
117	100		
82	65.8	55.8	83.6
119	32.2	25.5	38.3

Manual Integrations

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#59

m/p-Xylene

Concen: 0.118 ppbv m

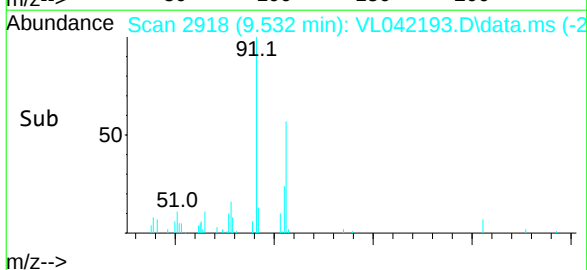
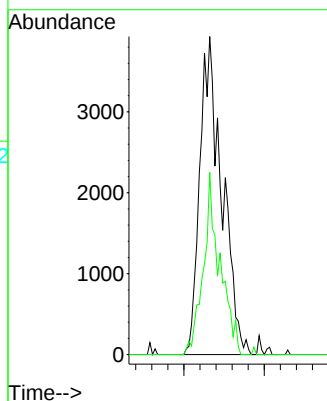
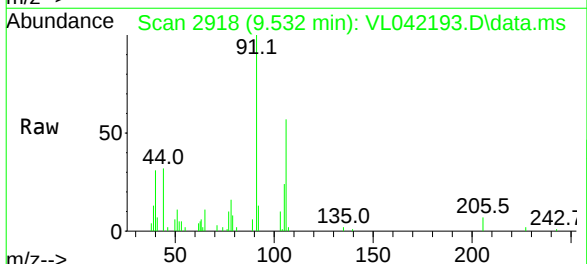
RT: 9.532 min Scan# 2918

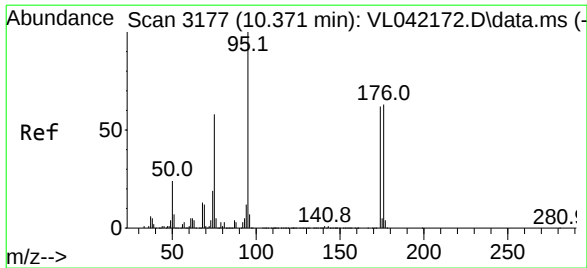
Delta R.T. -0.016 min

Lab File: VL042193.D

Acq: 27 Mar 2025 23:01

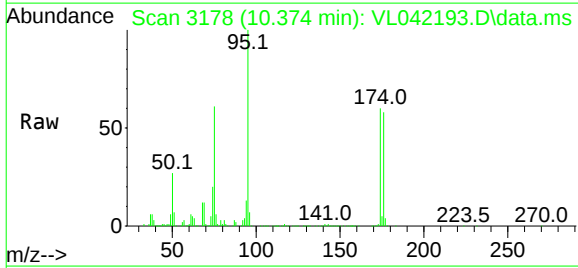
Tgt Ion:	91	Resp:	7581
Ion Ratio	Lower	Upper	
91	100		
106	0.0	36.4	54.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.008 ppbv
 RT: 10.374 min Scan# 3177
 Delta R.T. 0.003 min
 Lab File: VL042193.D
 Acq: 27 Mar 2025 23:01

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B16-2-3262025



Tgt Ion: 95 Resp: 370742
 Ion Ratio Lower Upper
 95 100
 174 60.6 50.6 76.0
 175 4.6 3.8 5.6

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