

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090825\
 Data File : VL042911.D
 Acq On : 08 Sep 2025 19:31
 Operator : SY/MD
 Sample : Q3052-02 1200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/09/2025
 Supervised By :Mahesh Dadoda 09/11/2025

Quant Time: Sep 09 00:59:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Sep 09 00:52:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	138735	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	331230	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	283418	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	214475	10.090	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%
Target Compounds						
					Qvalue	
9) Propene	1.486	41	1097	0.113	ppbv #	78
13) Ethanol	1.722	45	1824	2.055	ppbv	93
15) Acetone	1.835	43	17723	0.966	ppbv	100
20) Methylene Chloride	2.062	84	1597	0.208	ppbv #	67
29) Chloroform	2.845	83	8300	0.284	ppbv	96
52) Tetrachloroethene	8.218	164	6251m	0.545	ppbv	

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

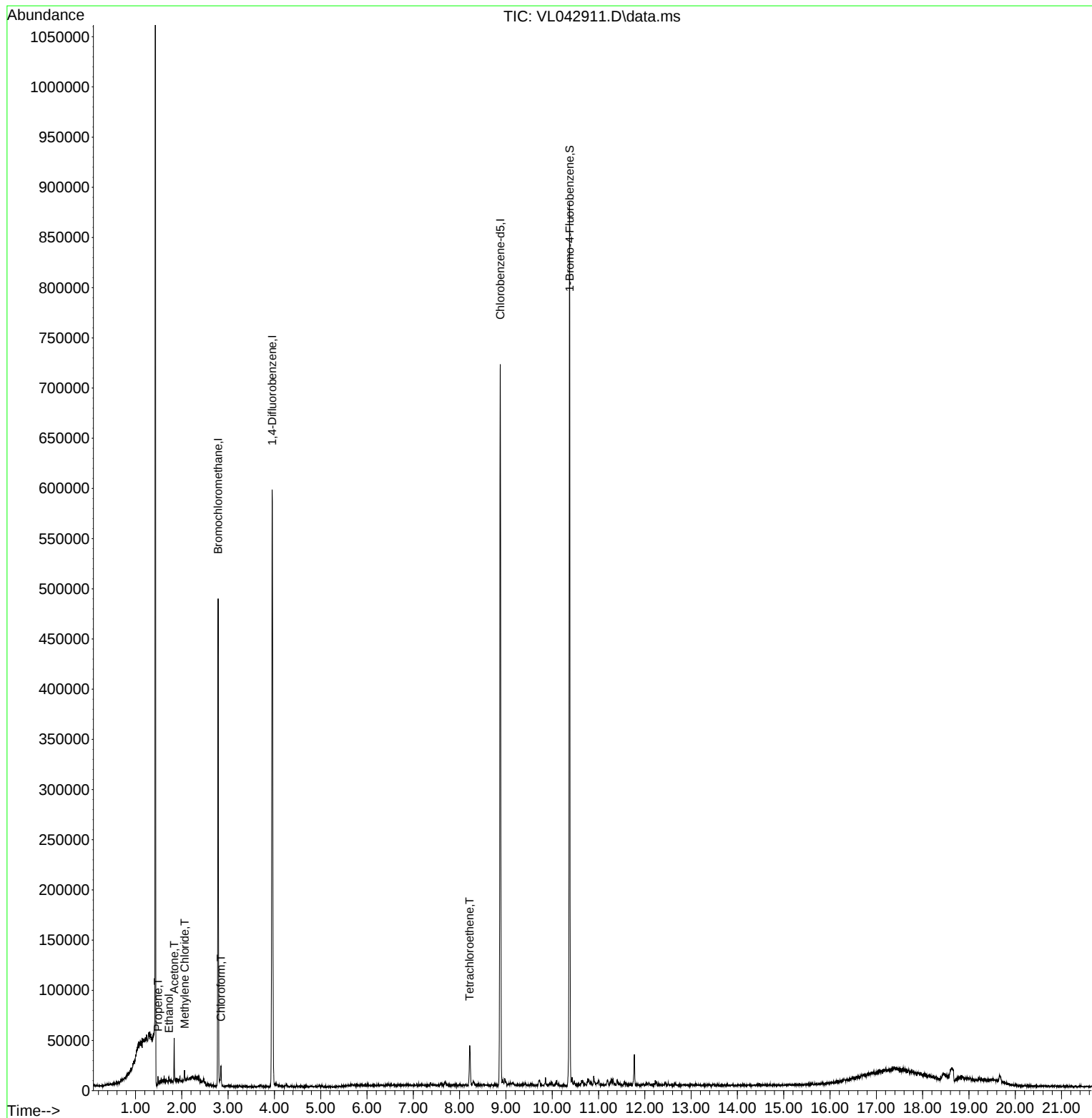
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090825\
Data File : VL042911.D
Acq On : 08 Sep 2025 19:31
Operator : SY/MD
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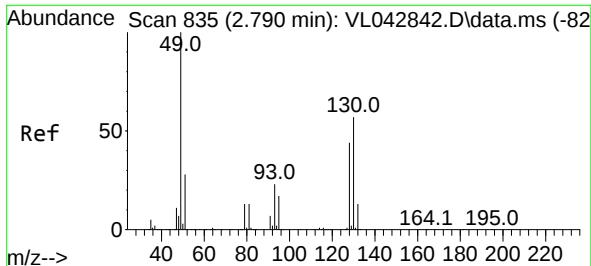
Instrument :
MSVOA_L
ClientSampleId :
SV2

Quant Time: Sep 09 00:59:36 2025
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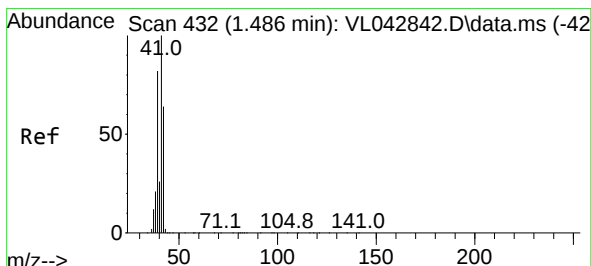
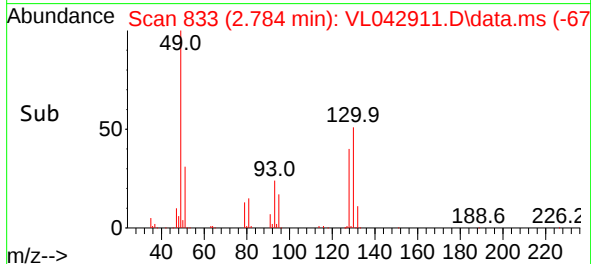
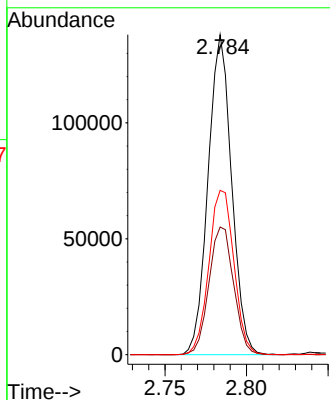
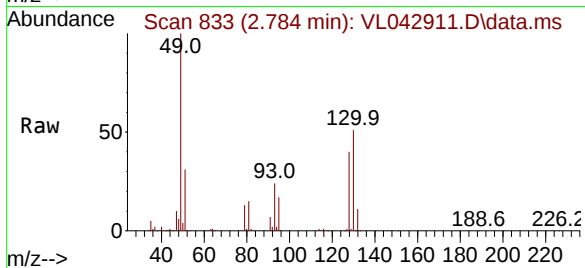
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 811
Delta R.T. 0.007 min
Lab File: VL042911.D
Acq: 08 Sep 2025 19:31

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 49 Resp: 138735
Ion Ratio Lower Upper
49 100
128 41.8 23.7 71.1
130 54.8 30.6 91.6

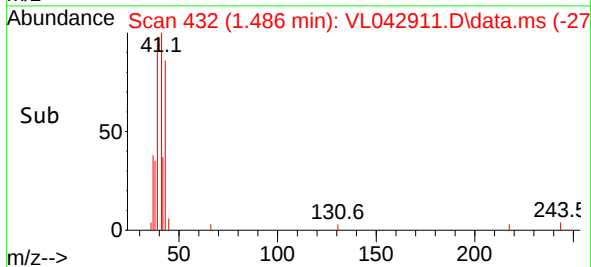
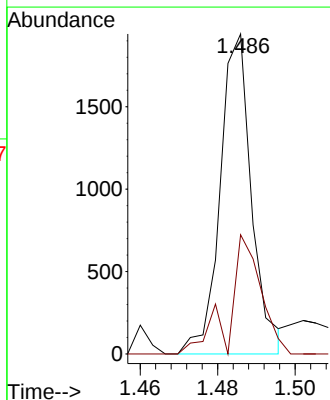
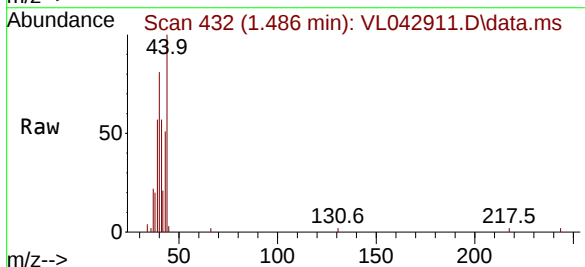
Manual Integrations
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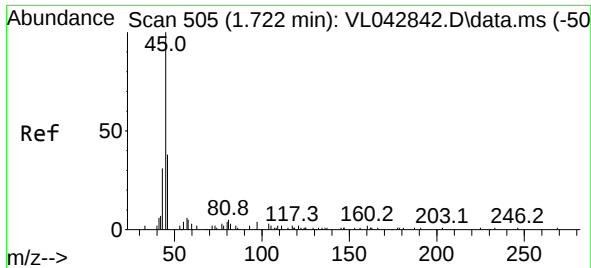
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/11/2025



#9
Propene
Concen: 0.113 ppbv
RT: 1.486 min Scan# 432
Delta R.T. 0.010 min
Lab File: VL042911.D
Acq: 08 Sep 2025 19:31

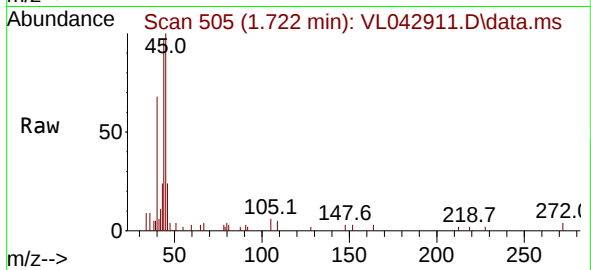
Tgt Ion: 41 Resp: 1097
Ion Ratio Lower Upper
41 100
42 48.4 53.0 79.4#





#13
Ethanol
Concen: 2.055 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.006 min
Lab File: VL042911.D
Acq: 08 Sep 2025 19:31

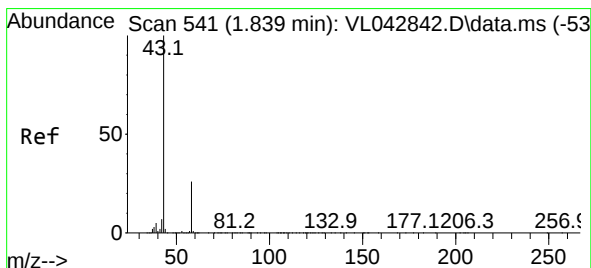
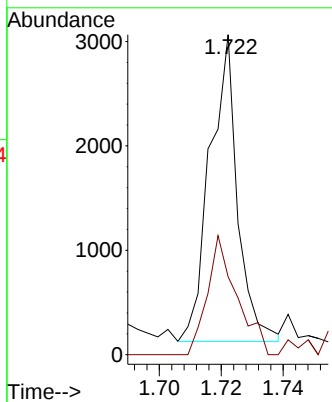
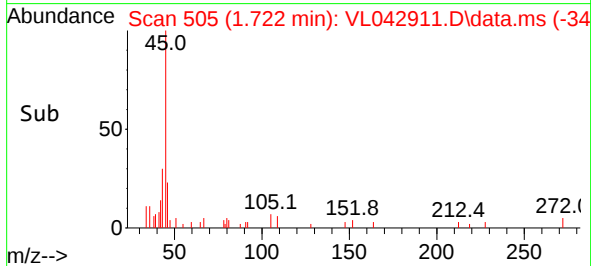
Instrument :
MSVOA_L
ClientSampleId :
SV2



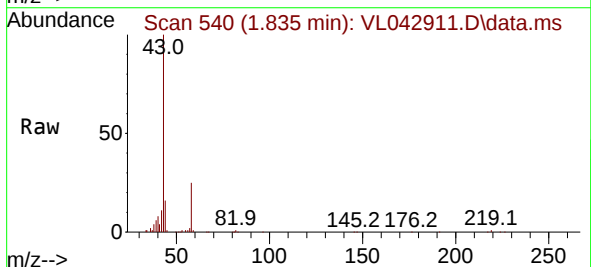
Tgt Ion: 45 Resp: 1824
Ion Ratio Lower Upper
45 100
46 48.1 17.5 69.9

Manual Integrations
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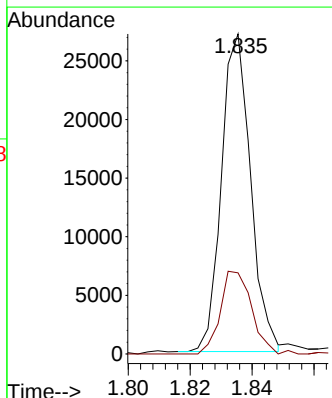
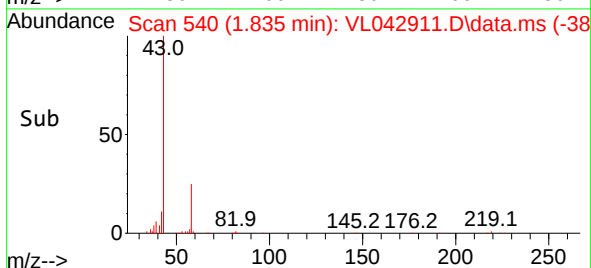
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/11/2025

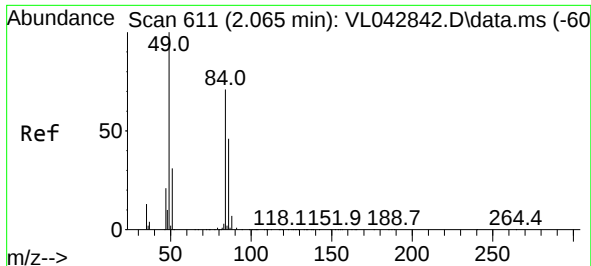


#15
Acetone
Concen: 0.966 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.006 min
Lab File: VL042911.D
Acq: 08 Sep 2025 19:31



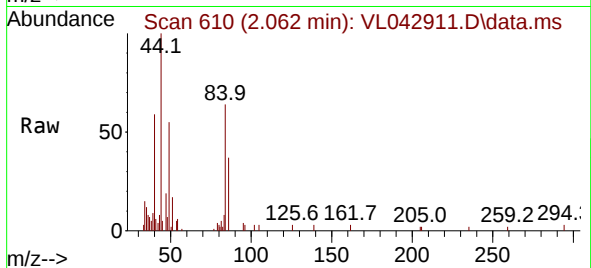
Tgt Ion: 43 Resp: 17723
Ion Ratio Lower Upper
43 100
58 28.0 22.4 33.6





#20
Methylene Chloride
Concen: 0.208 ppbv
RT: 2.062 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL042911.D
Acq: 08 Sep 2025 19:31

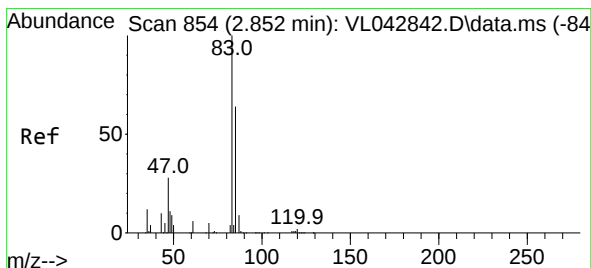
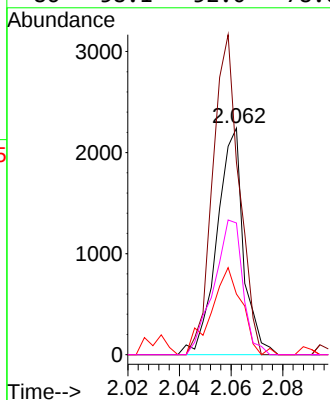
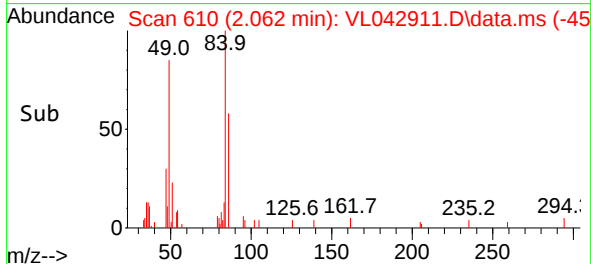
Instrument :
MSVOA_L
ClientSampleId :
SV2



Tgt Ion: 84 Resp: 1597
Ion Ratio Lower Upper
84 100
49 84.9 112.3 168.5
51 26.8 36.0 54.0
86 58.1 52.0 78.0

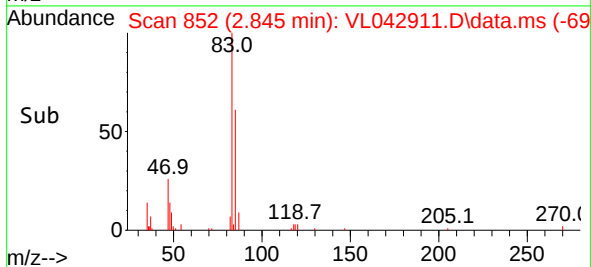
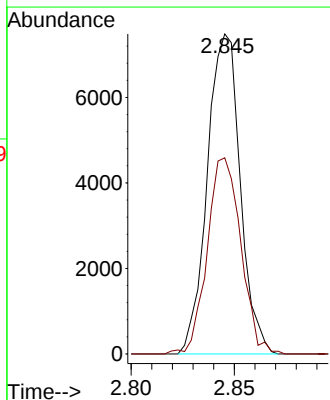
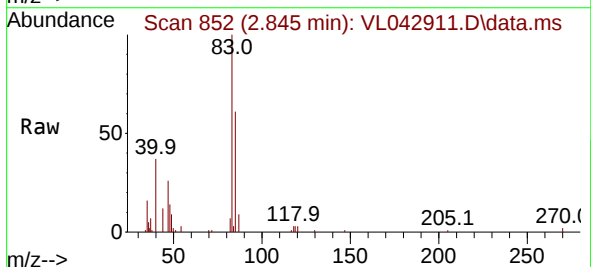
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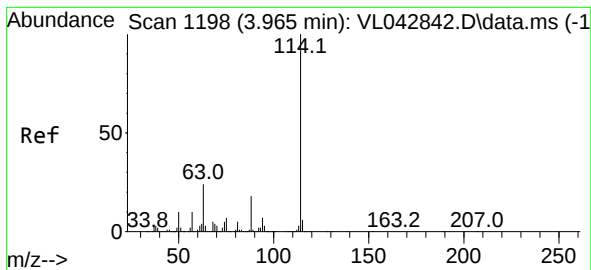
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/11/2025



#29
Chloroform
Concen: 0.284 ppbv
RT: 2.845 min Scan# 852
Delta R.T. 0.006 min
Lab File: VL042911.D
Acq: 08 Sep 2025 19:31

Tgt Ion: 83 Resp: 8300
Ion Ratio Lower Upper
83 100
85 60.5 51.1 76.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. 0.010 min

Lab File: VL042911.D

Acq: 08 Sep 2025 19:31

Instrument :

MSVOA_L

ClientSampleId :

SV2

Tgt Ion:114 Resp: 331230

Ion Ratio Lower Upper

114 100

63 27.3 19.7 29.5

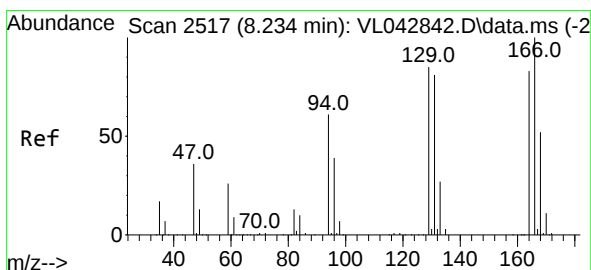
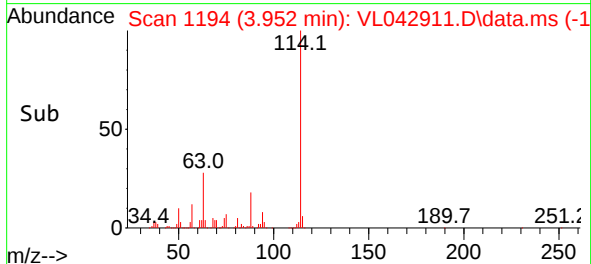
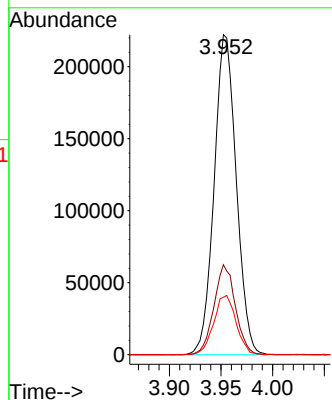
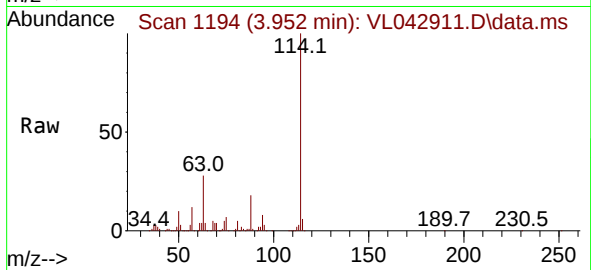
88 18.8 14.4 21.6

Manual Integrations

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#52

Tetrachloroethene

Concen: 0.545 ppbv m

RT: 8.218 min Scan# 2512

Delta R.T. 0.006 min

Lab File: VL042911.D

Acq: 08 Sep 2025 19:31

Tgt Ion:164 Resp: 6251

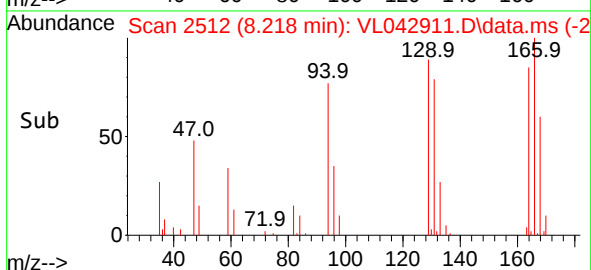
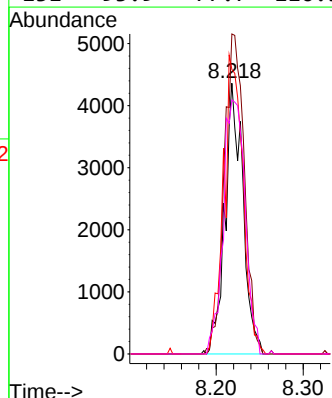
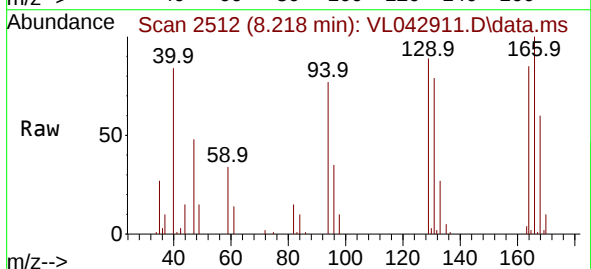
Ion Ratio Lower Upper

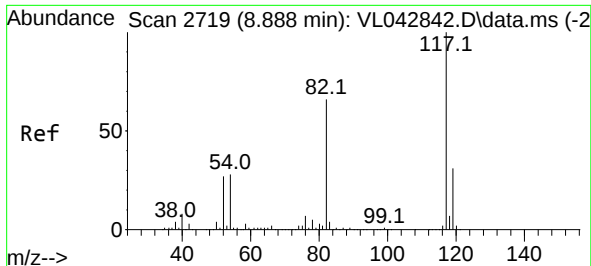
164 100

166 118.2 96.5 144.7

129 105.1 81.8 122.6

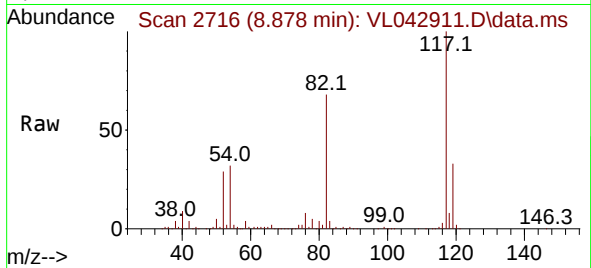
131 93.9 77.7 116.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2118
Delta R.T. 0.010 min
Lab File: VL042911.D
Acq: 08 Sep 2025 19:31

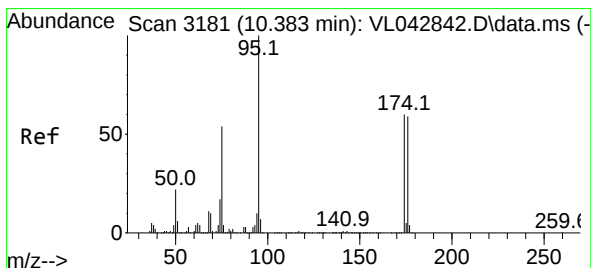
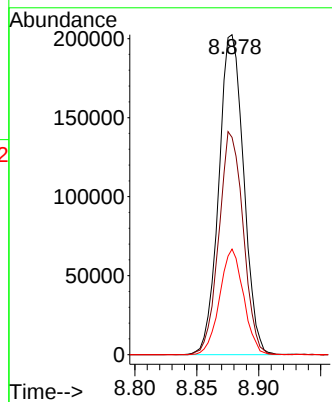
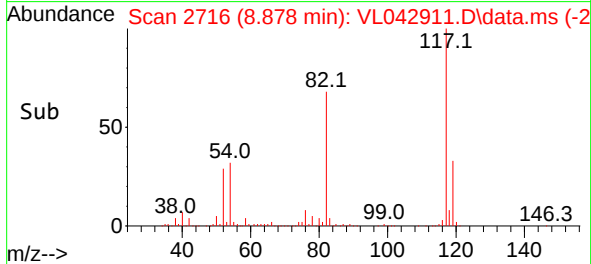
Instrument :
MSVOA_L
ClientSampleId :
SV2



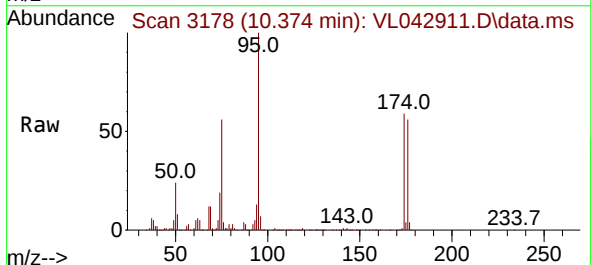
Tgt Ion: 117 Resp: 283418
Ion Ratio Lower Upper
117 100
82 68.3 54.6 81.8
119 31.8 25.9 38.9

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.090 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. 0.010 min
Lab File: VL042911.D
Acq: 08 Sep 2025 19:31



Tgt Ion: 95 Resp: 214475
Ion Ratio Lower Upper
95 100
174 57.4 48.4 72.6
175 4.1 3.8 5.8

