

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090825\
 Data File : VL042918.D
 Acq On : 09 Sep 2025 08:22
 Operator : SY/MD
 Sample : Q3052-01DL 200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025
 Supervised By :Mahesh Dadoda 09/11/2025

Quant Time: Sep 10 04:00:03 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	2.778	49	135091	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.943	114	321825	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.869	117	280969	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	222436	10.556	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.600%
Target Compounds						
					Qvalue	
13) Ethanol	1.716	45	360m	0.417	ppbv	
15) Acetone	1.829	43	6927	0.388	ppbv	100
19) Isopropyl Alcohol	1.881	45	3376	0.316	ppbv #	74
20) Methylene Chloride	2.053	84	1679	0.224	ppbv #	78
29) Chloroform	2.839	83	3705	0.130	ppbv #	78
52) Tetrachloroethene	8.212	164	79545	7.135	ppbv	95

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

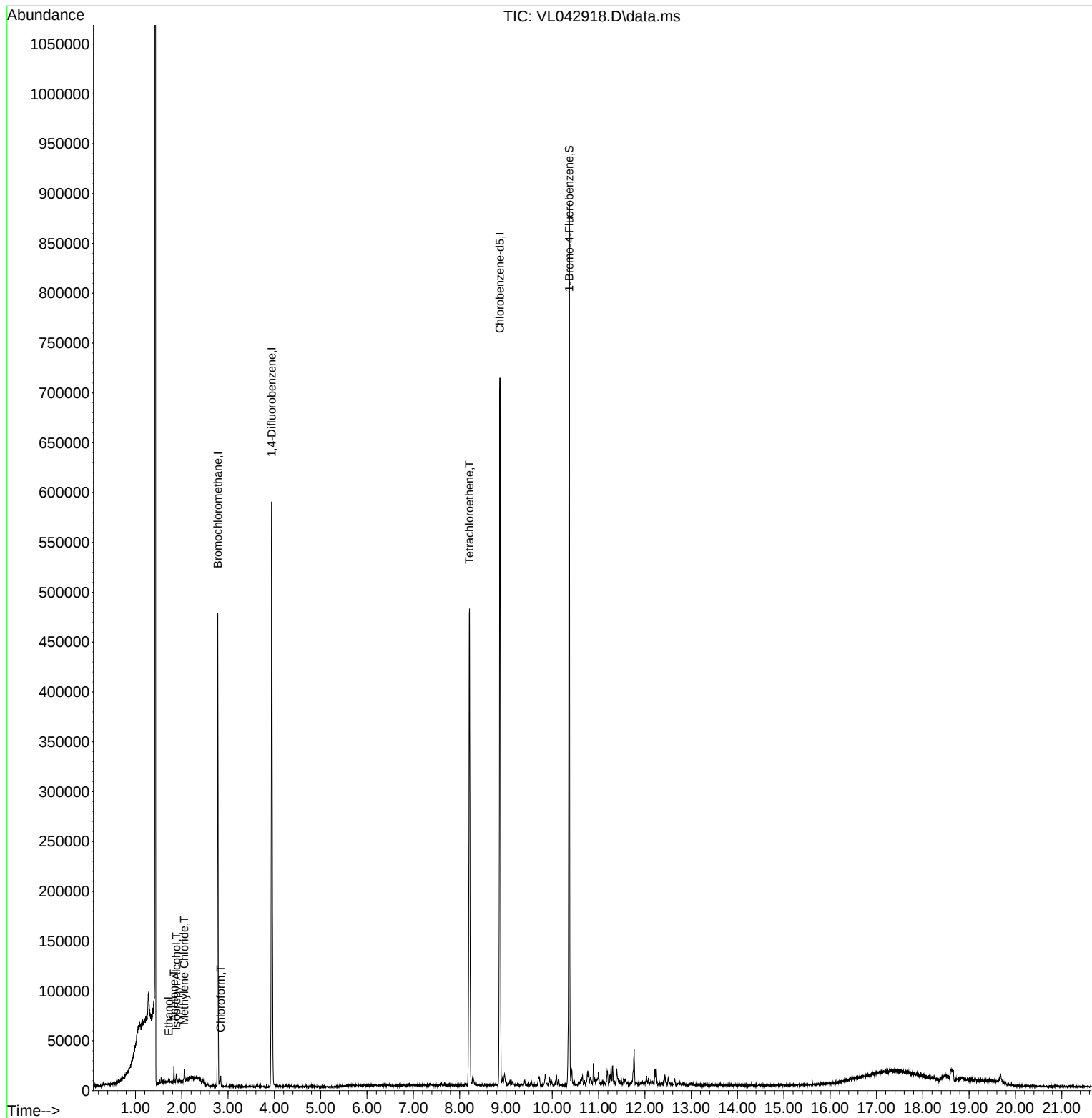
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090825\
Data File : VL042918.D
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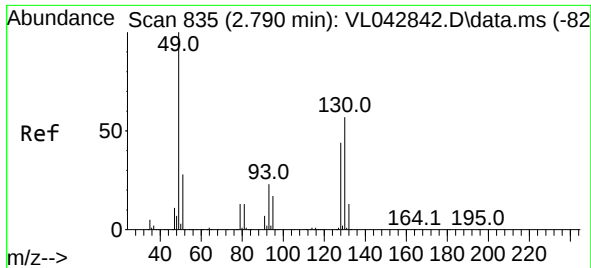
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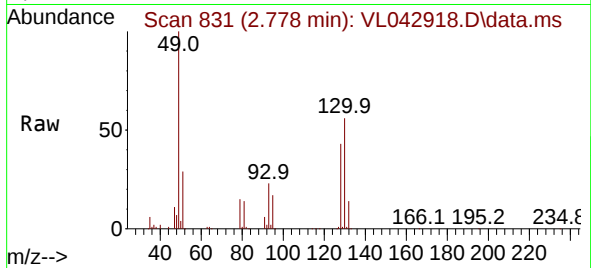
Quant Time: Sep 10 04:00:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Sep 09 00:52:26 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.778 min Scan# 81
Delta R.T. 0.001 min
Lab File: VL042918.D
Acq: 09 Sep 2025 08:22

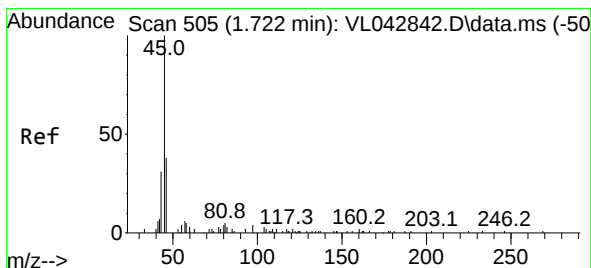
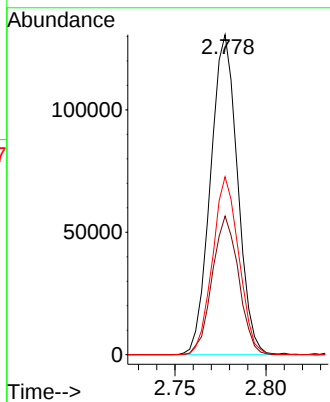
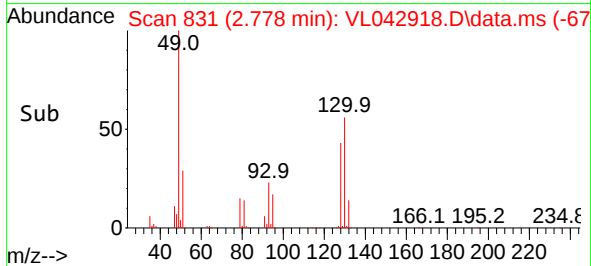
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 13509
Ion Ratio Lower Upper
49 100
128 42.3 23.7 71.1
130 54.0 30.6 91.6

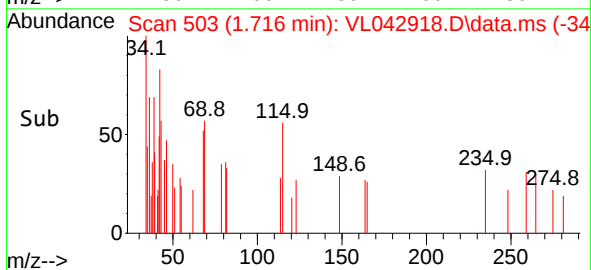
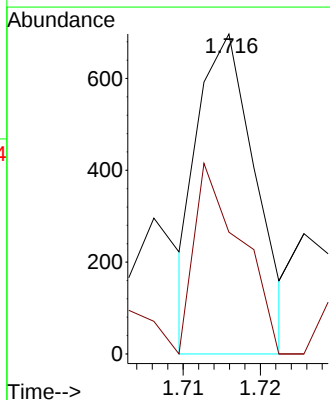
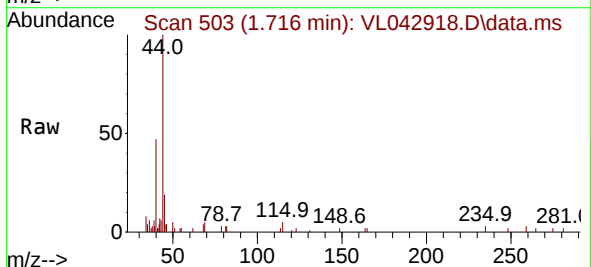
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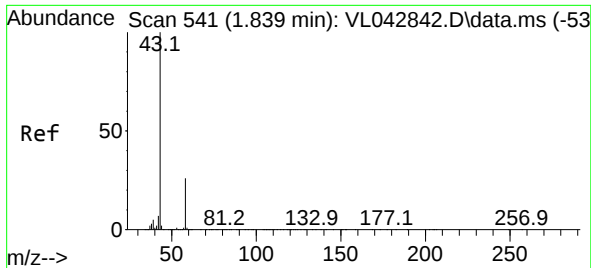
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/11/2025



#13
Ethanol
Concen: 0.417 ppbv m
RT: 1.716 min Scan# 503
Delta R.T. 0.000 min
Lab File: VL042918.D
Acq: 09 Sep 2025 08:22

Tgt Ion: 45 Resp: 360
Ion Ratio Lower Upper
45 100
46 0.0 17.5 69.9#





#15

Acetone

Concen: 0.388 ppbv

RT: 1.829 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL042918.D

Acq: 09 Sep 2025 08:22

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tgt Ion: 43 Resp: 692

Ion Ratio Lower Upper

43 100

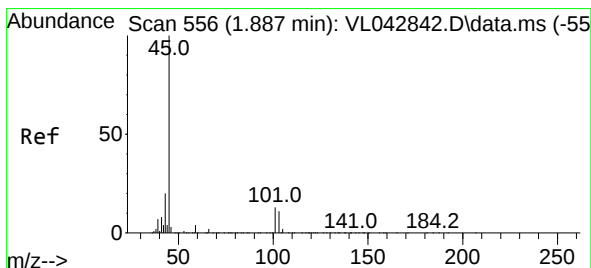
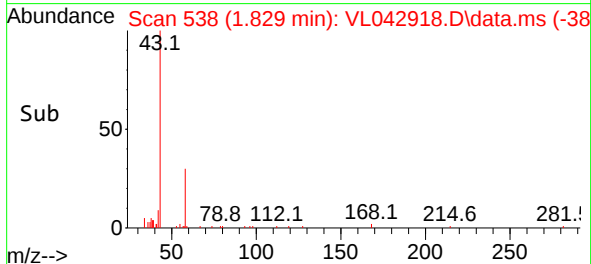
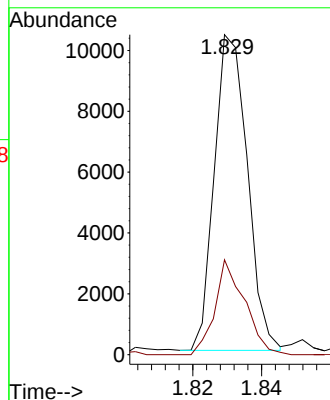
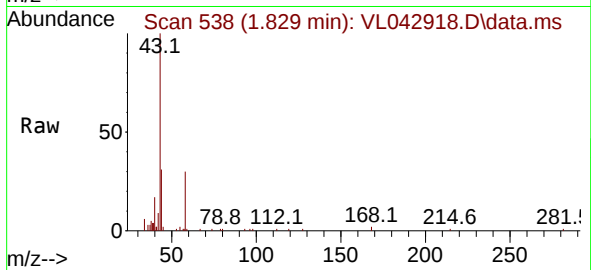
58 27.7 22.4 33.6

Manual Integrations

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Supervised By :Mahesh Dadoda 09/11/2025



#19

Isopropyl Alcohol

Concen: 0.316 ppbv

RT: 1.881 min Scan# 554

Delta R.T. 0.000 min

Lab File: VL042918.D

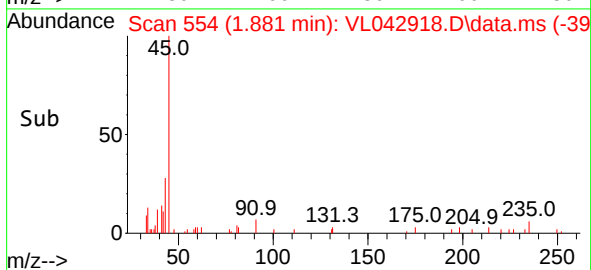
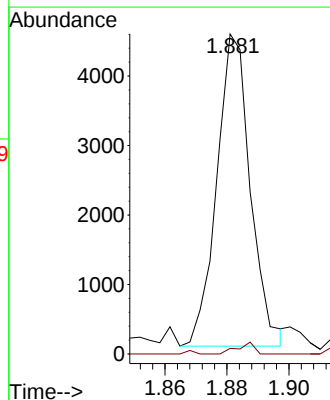
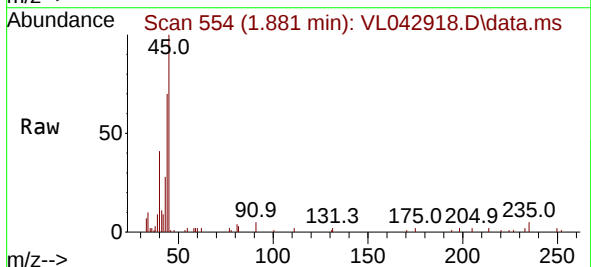
Acq: 09 Sep 2025 08:22

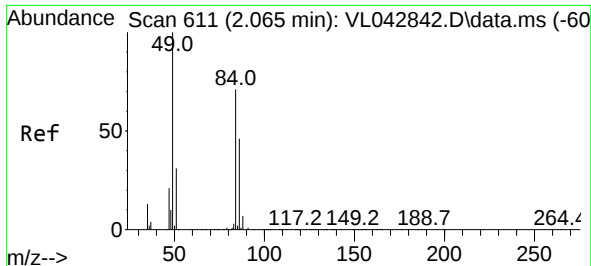
Tgt Ion: 45 Resp: 3376

Ion Ratio Lower Upper

45 100

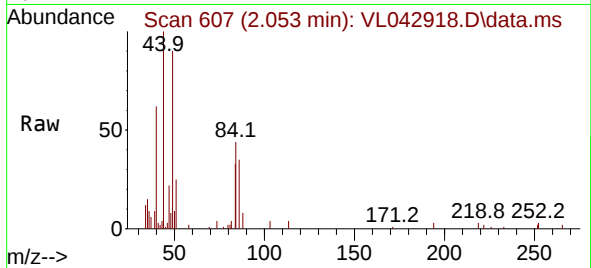
58 56.9 32.7 49.1#





#20
Methylene Chloride
Concen: 0.224 ppbv
RT: 2.053 min Scan# 607
Delta R.T. -0.003 min
Lab File: VL042918.D
Acq: 09 Sep 2025 08:22

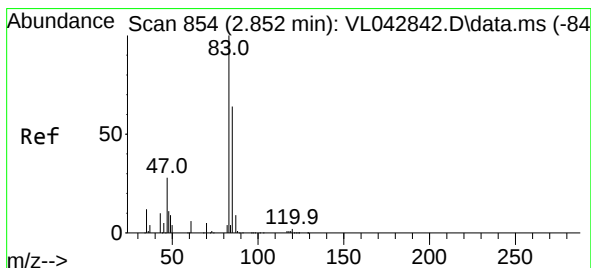
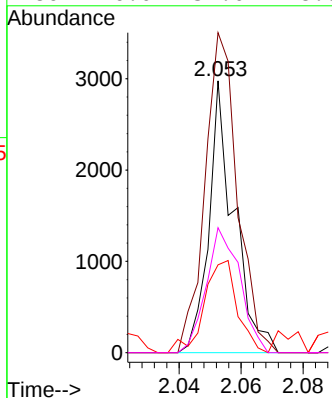
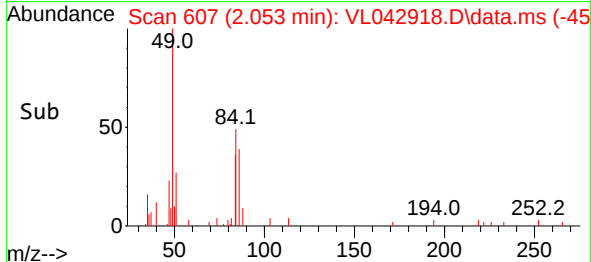
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 84 Resp: 1679
Ion Ratio Lower Upper
84 100
49 117.7 112.3 168.5
51 27.4 36.0 54.0
86 46.0 52.0 78.0#

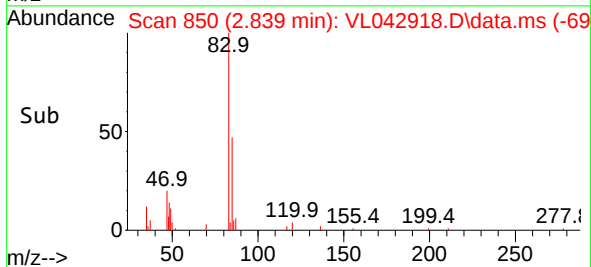
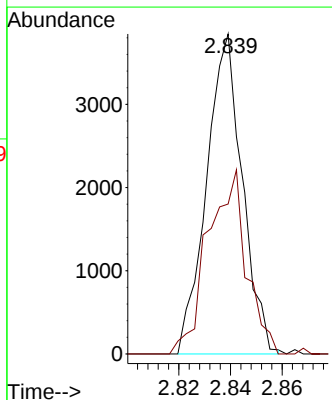
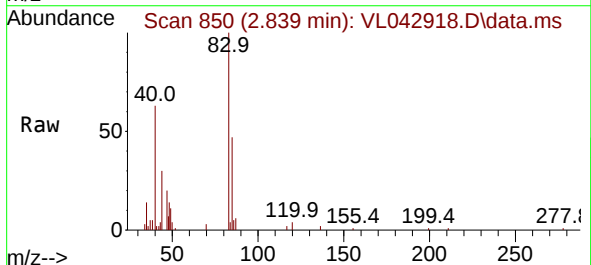
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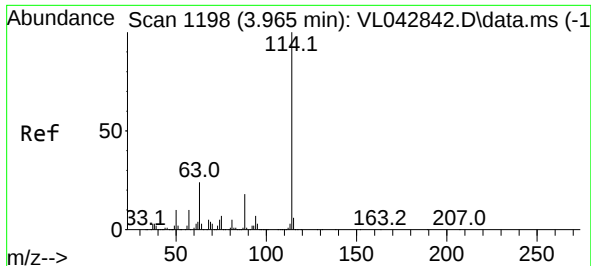
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/11/2025



#29
Chloroform
Concen: 0.130 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.000 min
Lab File: VL042918.D
Acq: 09 Sep 2025 08:22

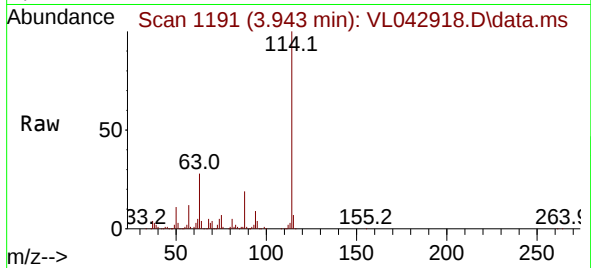
Tgt Ion: 83 Resp: 3705
Ion Ratio Lower Upper
83 100
85 46.8 51.1 76.7#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.943 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VL042918.D
Acq: 09 Sep 2025 08:22

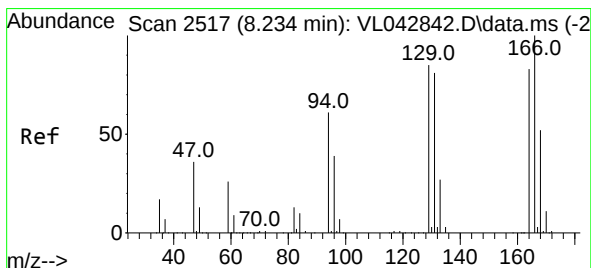
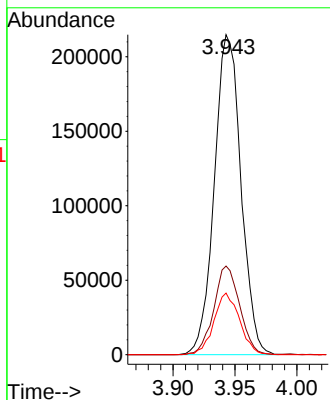
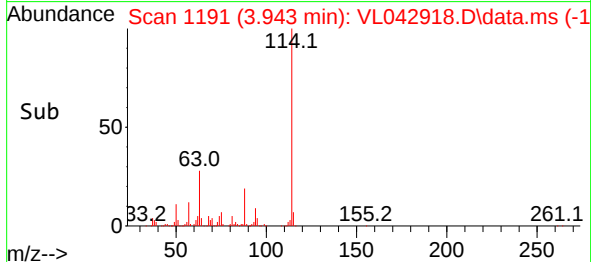
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:114 Resp: 321825
Ion Ratio Lower Upper
114 100
63 27.0 19.7 29.5
88 18.6 14.4 21.6

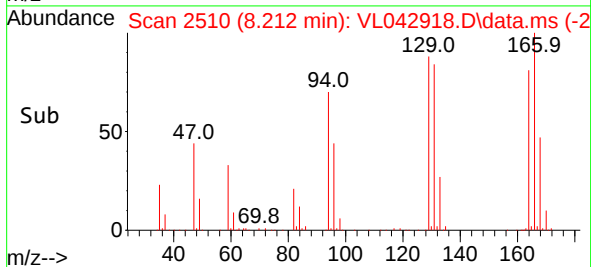
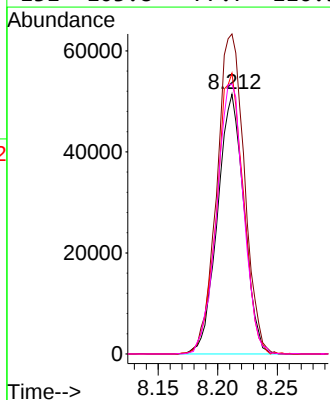
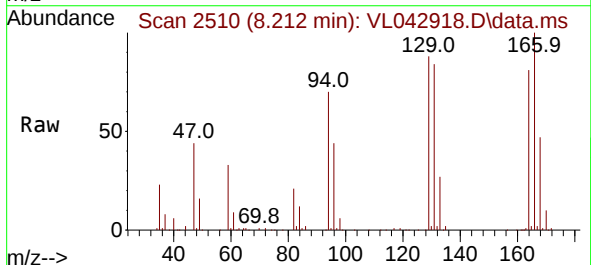
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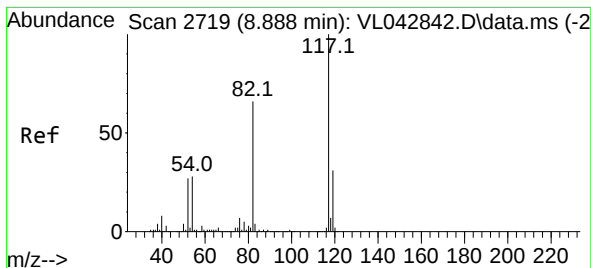
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/11/2025



#52
Tetrachloroethene
Concen: 7.135 ppbv
RT: 8.212 min Scan# 2510
Delta R.T. 0.000 min
Lab File: VL042918.D
Acq: 09 Sep 2025 08:22

Tgt Ion:164 Resp: 79545
Ion Ratio Lower Upper
164 100
166 123.2 96.5 144.7
129 108.1 81.8 122.6
131 103.8 77.7 116.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL042918.D

Acq: 09 Sep 2025 08:22

Instrument :

MSVOA_L

ClientSampleId :

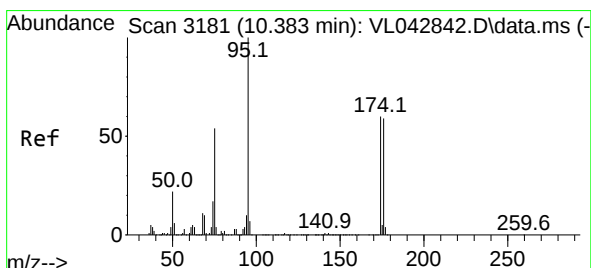
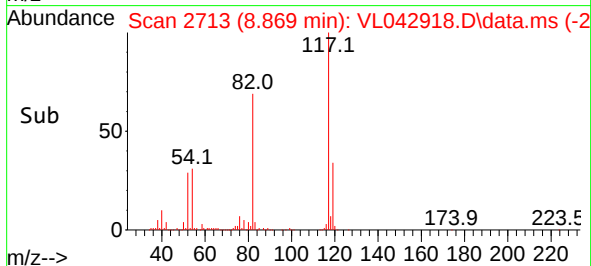
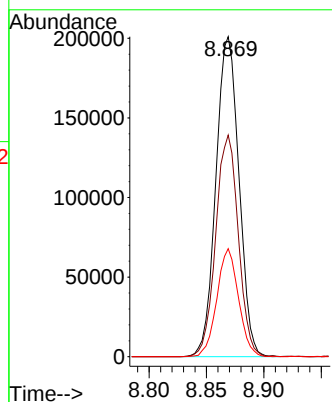
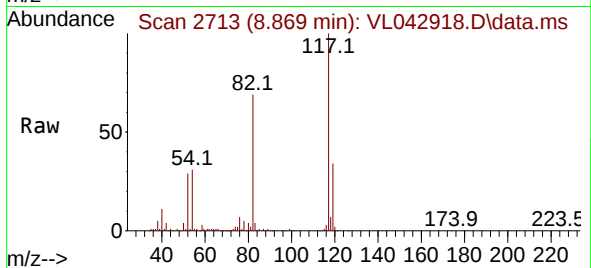
SV1DL

Tgt Ion:	117	Resp:	28096
Ion Ratio	Lower	Upper	
117	100		
82	67.9	54.6	81.8
119	31.8	25.9	38.9

Manual Integrations

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.556 ppbv

RT: 10.364 min Scan# 3175

Delta R.T. 0.000 min

Lab File: VL042918.D

Acq: 09 Sep 2025 08:22

Tgt Ion:	95	Resp:	222436
Ion Ratio	Lower	Upper	
95	100		
174	56.3	48.4	72.6
175	3.9	3.8	5.8

