

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
 Data File : VL042280.D
 Acq On : 09 Apr 2025 01:18
 Operator : SY/MD
 Sample : Q1728-04DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B2-7-04022025DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/09/2025
 Supervised By :Semsettin Yesilyurt 04/10/2025

Quant Time: Apr 09 05:21:09 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	2.794	49	147116	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	371349	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.888	117	326259	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	246947	9.217	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.200%
Target Compounds						
9) Propene	1.486	41	1659	0.163	ppbv #	56
13) Ethanol	1.725	45	3767	3.918	ppbv	96
15) Acetone	1.839	43	159209	7.738	ppbv	96
20) Methylene Chloride	2.065	84	2085	0.272	ppbv #	81
27) Carbon Disulfide	2.153	76	5281	0.239	ppbv #	1
34) 2-Butanone	2.564	43	9672	0.359	ppbv	99
36) Benzene	3.664	78	3578m	0.097	ppbv	
53) Toluene	6.949	91	9897m	0.227	ppbv	

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

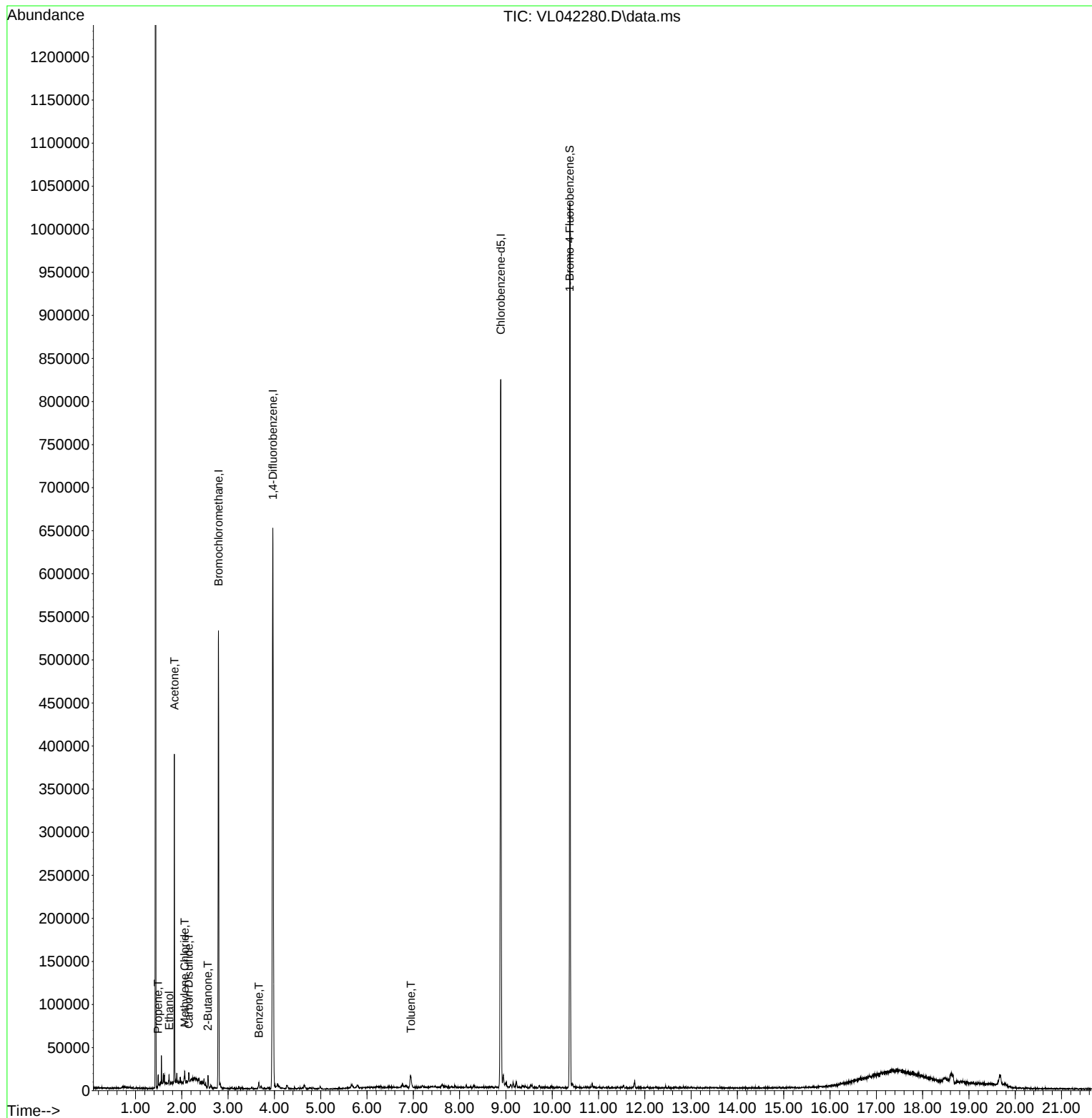
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
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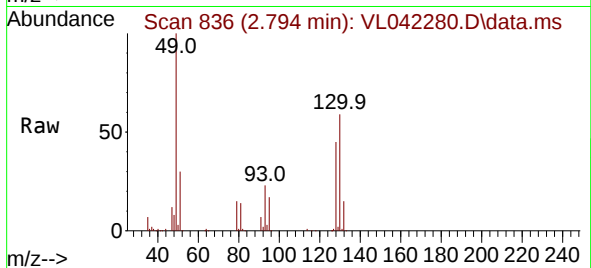
Reviewed By :Mahesh Dadoda 04/09/2025
Supervised By :Semsettin Yesilyurt 04/10/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL042280.D
Acq: 09 Apr 2025 01:18

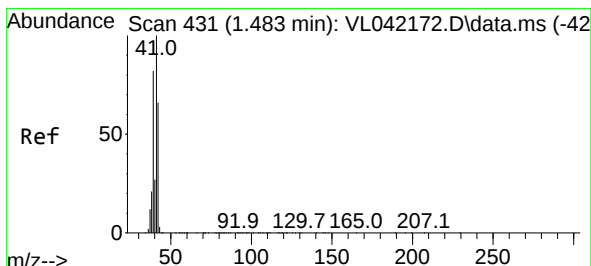
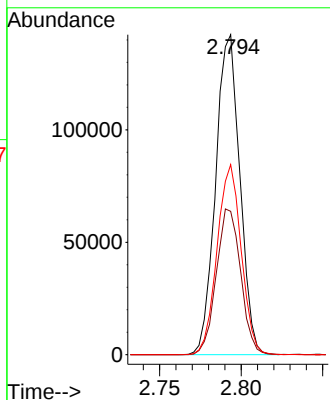
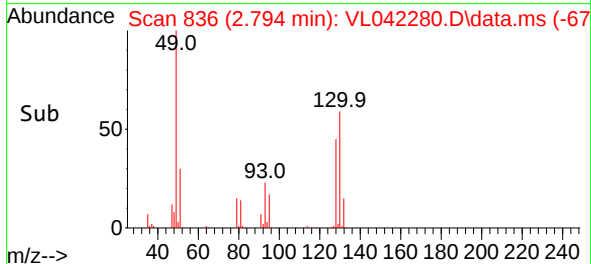
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-7-04022025DL



Tgt Ion: 49 Resp: 147110
Ion Ratio Lower Upper
49 100
128 45.8 22.9 68.5
130 59.1 28.8 86.4

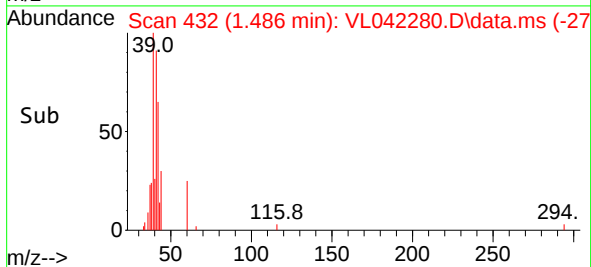
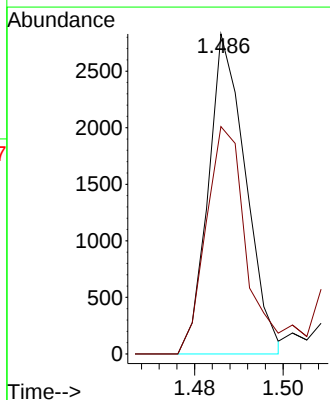
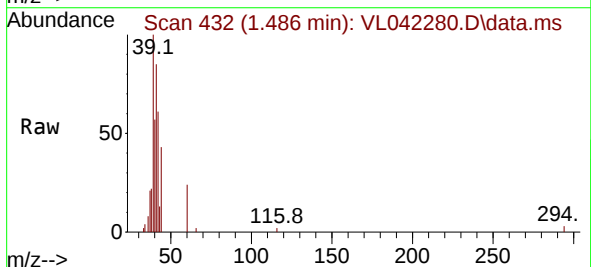
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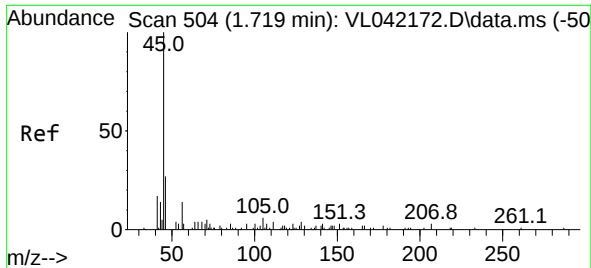
Reviewed By :Mahesh Dadoda 04/09/2025
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#9
Propene
Concen: 0.163 ppbv
RT: 1.486 min Scan# 432
Delta R.T. 0.003 min
Lab File: VL042280.D
Acq: 09 Apr 2025 01:18

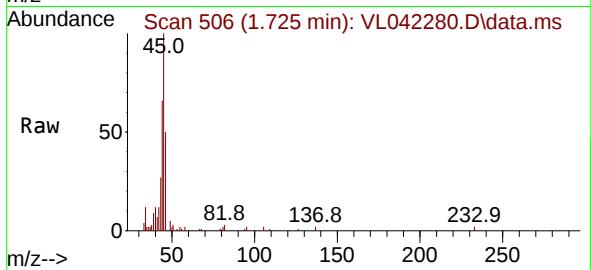
Tgt Ion: 41 Resp: 1659
Ion Ratio Lower Upper
41 100
42 105.3 55.4 83.2#





#13
Ethanol
Concen: 3.918 ppbv
RT: 1.725 min Scan# 504
Delta R.T. 0.006 min
Lab File: VL042280.D
Acq: 09 Apr 2025 01:18

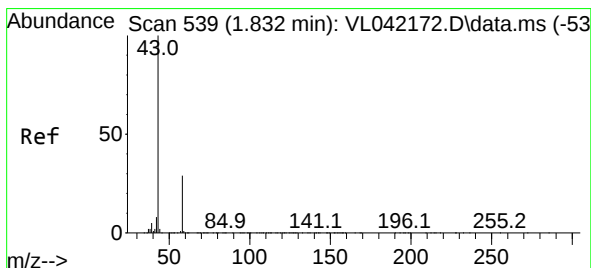
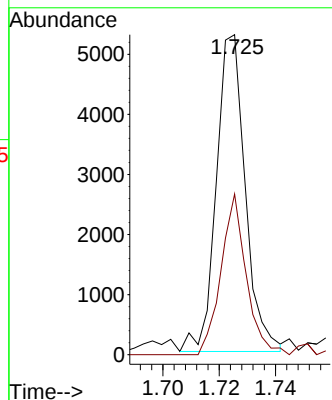
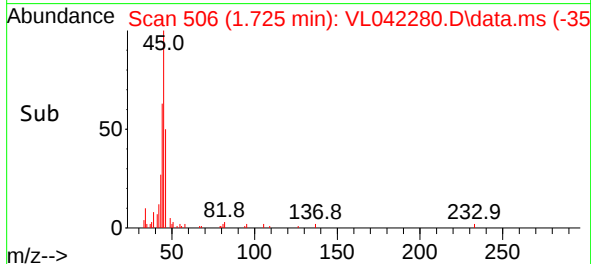
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-7-04022025DL



Tgt Ion: 45 Resp: 376
Ion Ratio Lower Upper
45 100
46 47.5 20.2 80.8

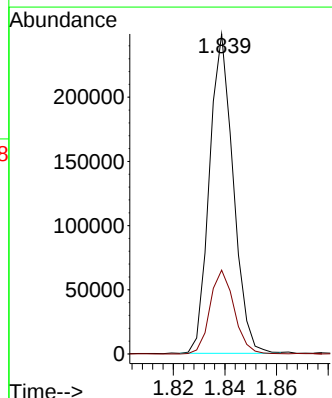
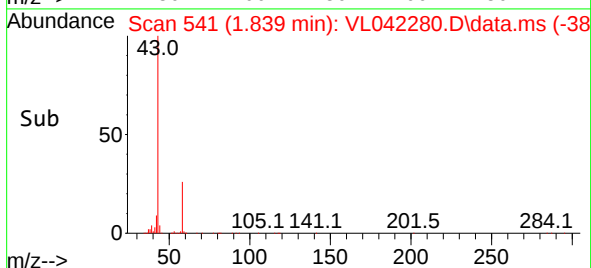
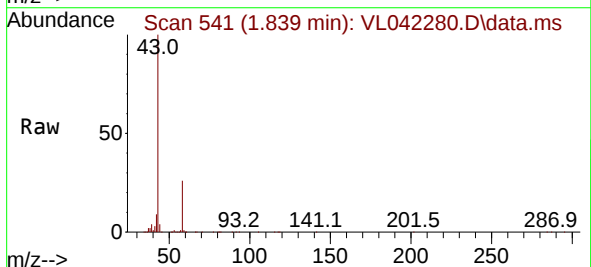
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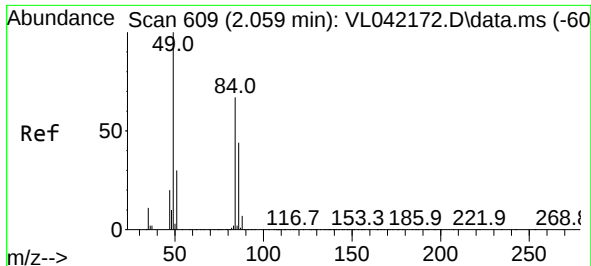
Reviewed By :Mahesh Dadoda 04/09/2025
Supervised By :Semsettin Yesilyurt 04/10/2025



#15
Acetone
Concen: 7.738 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL042280.D
Acq: 09 Apr 2025 01:18

Tgt Ion: 43 Resp: 159209
Ion Ratio Lower Upper
43 100
58 26.9 23.2 34.8





#20

Methylene Chloride

Concen: 0.272 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.006 min

Lab File: VL042280.D

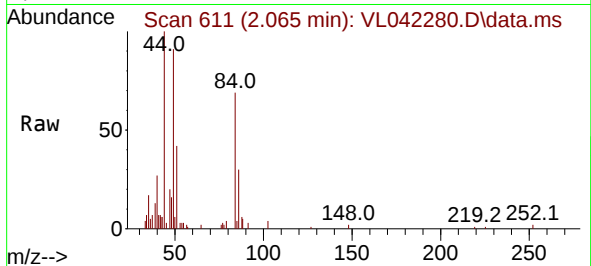
Acq: 09 Apr 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

SSSG-B2-7-04022025DL

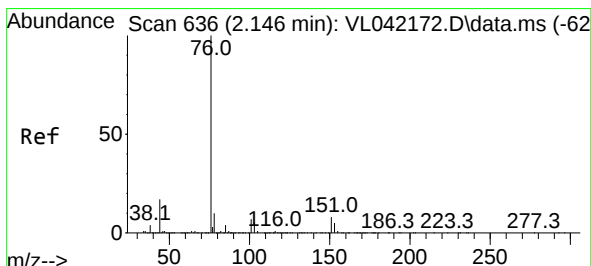
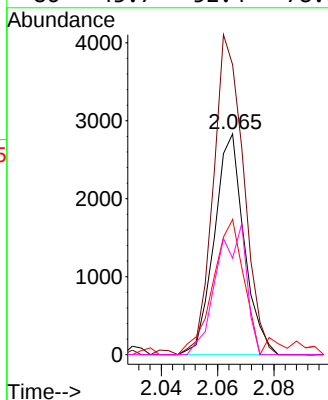
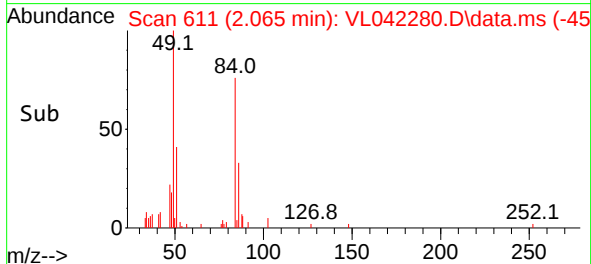


Tgt Ion:	84	Resp:	208
Ion	Ratio	Lower	Upper
84	100		
49	131.3	120.2	180.4
51	61.2	37.4	56.0
86	43.7	52.4	78.6

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#27

Carbon Disulfide

Concen: 0.239 ppbv

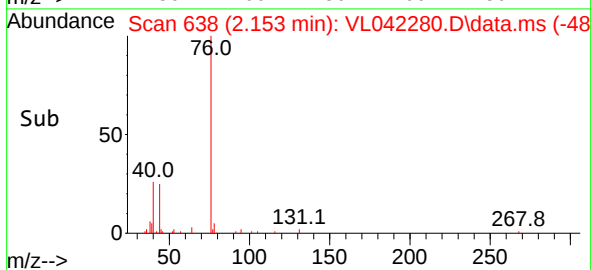
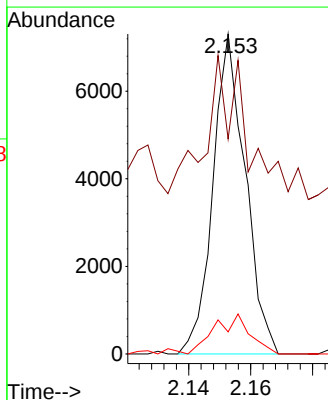
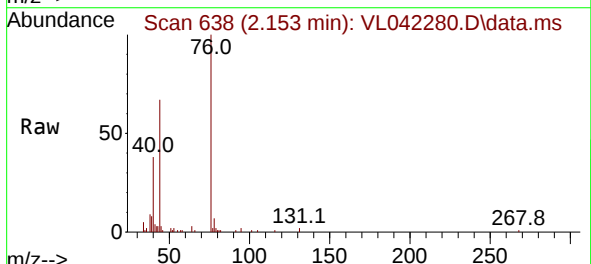
RT: 2.153 min Scan# 638

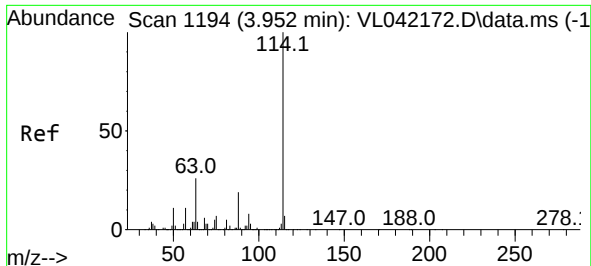
Delta R.T. 0.006 min

Lab File: VL042280.D

Acq: 09 Apr 2025 01:18

Tgt Ion:	76	Resp:	5281
Ion	Ratio	Lower	Upper
76	100		
44	98.4	14.7	22.1
78	14.8	9.3	13.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1194

Delta R.T. 0.016 min

Lab File: VL042280.D

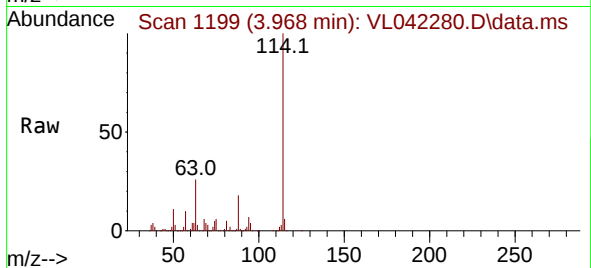
Acq: 09 Apr 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

SSSG-B2-7-04022025DL



Tgt Ion:114 Resp: 371349

Ion Ratio Lower Upper

114 100

63 26.1 20.7 31.1

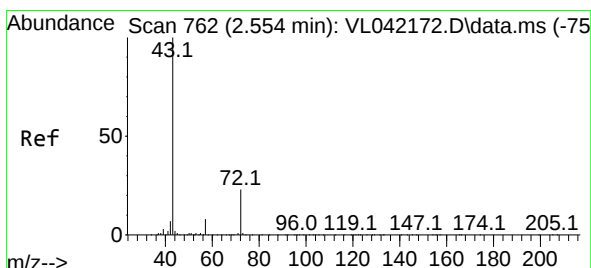
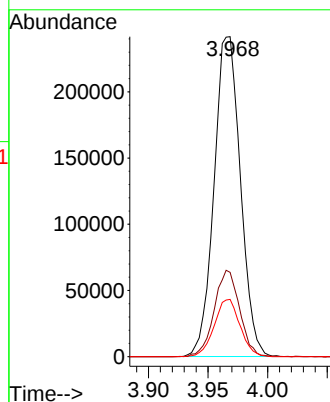
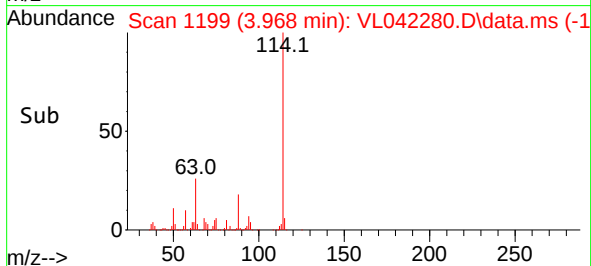
88 17.6 15.0 22.4

Manual Integrations

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#34

2-Butanone

Concen: 0.359 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.010 min

Lab File: VL042280.D

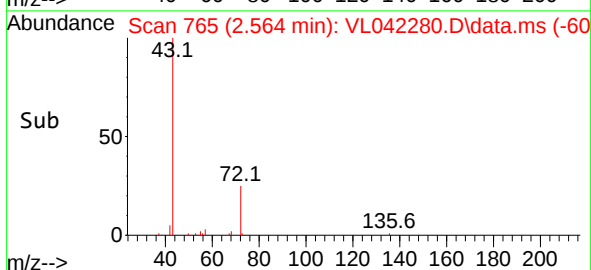
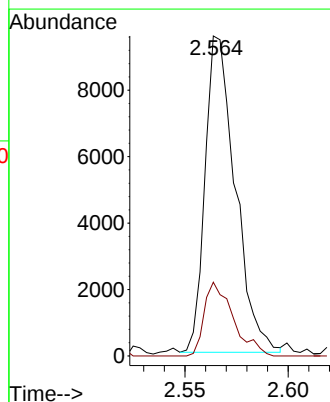
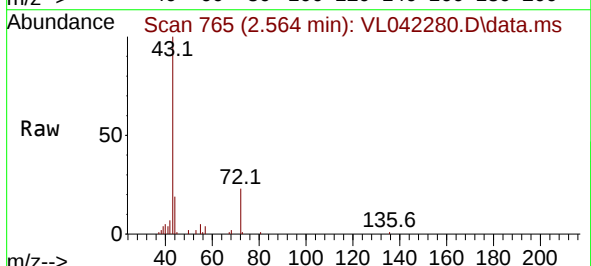
Acq: 09 Apr 2025 01:18

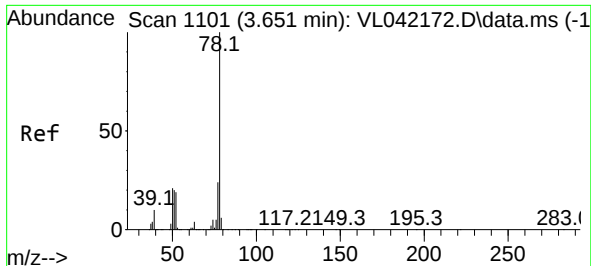
Tgt Ion: 43 Resp: 9672

Ion Ratio Lower Upper

43 100

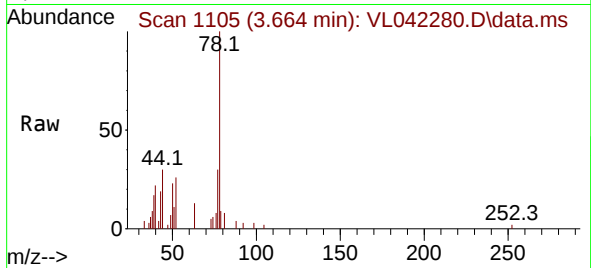
72 22.4 18.2 27.2





#36
Benzene
Concen: 0.097 ppbv m
RT: 3.664 min Scan# 1105
Delta R.T. 0.013 min
Lab File: VL042280.D
Acq: 09 Apr 2025 01:18

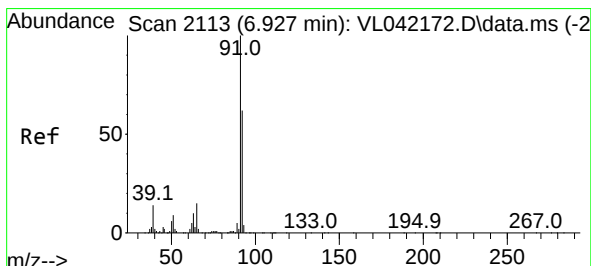
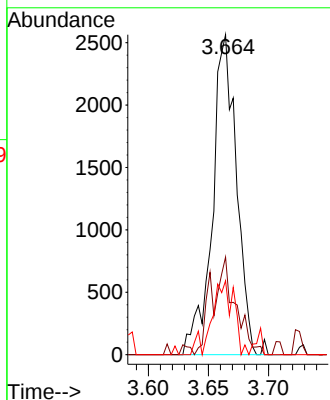
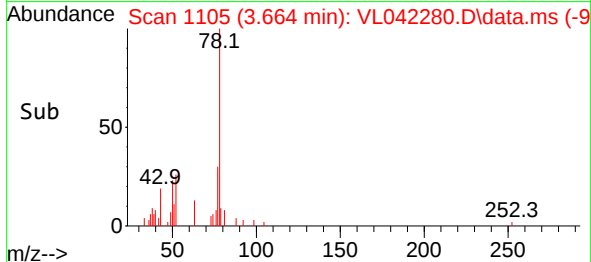
Instrument : MSVOA_L
ClientSampleId : SSSG-B2-7-04022025DL



Tgt Ion: 78 Resp: 3578
Ion Ratio Lower Upper
78 100
77 30.5 19.1 28.7
50 23.1 16.6 24.8

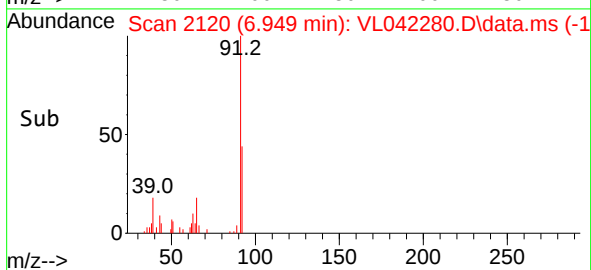
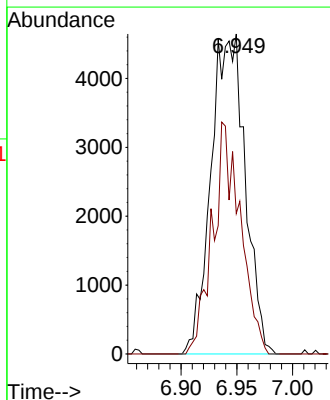
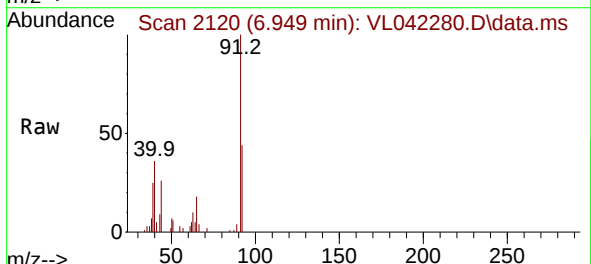
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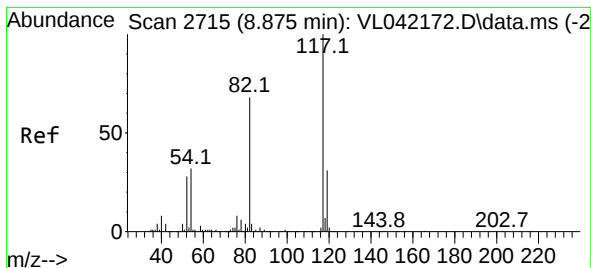
Reviewed By :Mahesh Dadoda 04/09/2025
Supervised By :Semsettin Yesilyurt 04/10/2025



#53
Toluene
Concen: 0.227 ppbv m
RT: 6.949 min Scan# 2120
Delta R.T. 0.023 min
Lab File: VL042280.D
Acq: 09 Apr 2025 01:18

Tgt Ion: 91 Resp: 9897
Ion Ratio Lower Upper
91 100
92 0.0 48.4 72.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL042280.D

Acq: 09 Apr 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

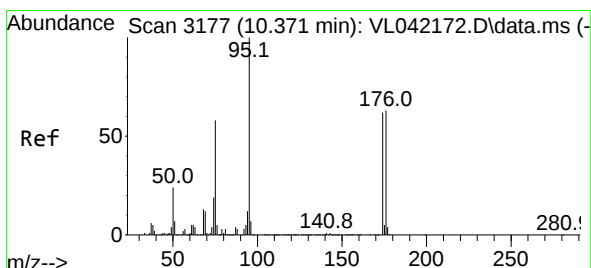
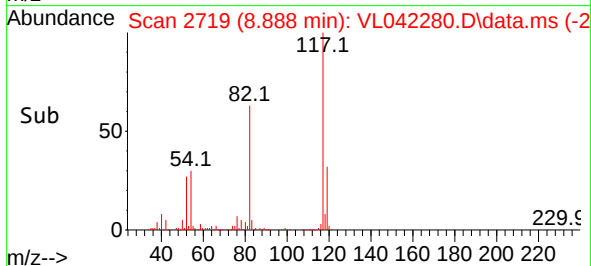
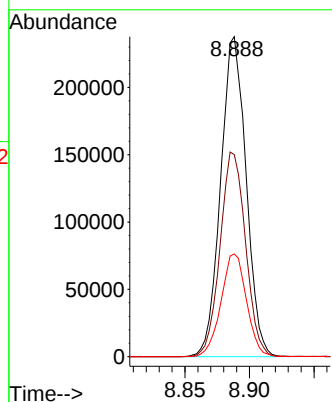
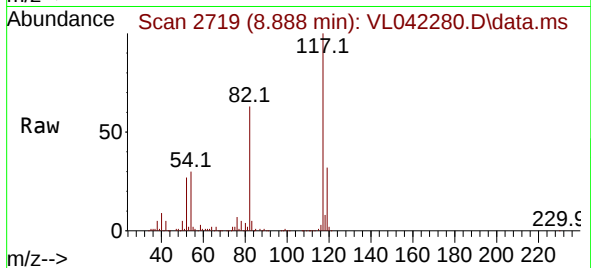
SSSG-B2-7-04022025DL

Tgt Ion:	117	Resp:	32625
Ion	Ratio	Lower	Upper
117	100		
82	64.1	55.8	83.6
119	32.2	25.5	38.3

Manual Integrations

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Supervised By :Semsettin Yesilyurt 04/10/2025



#68

1-Bromo-4-Fluorobenzene

Concen: 9.217 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.010 min

Lab File: VL042280.D

Acq: 09 Apr 2025 01:18

Tgt Ion:	95	Resp:	246947
Ion	Ratio	Lower	Upper
95	100		
174	61.5	50.6	76.0
175	4.4	3.8	5.6

