

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
 Data File : VL042442.D
 Acq On : 29 Apr 2025 12:33
 Operator : SY/MD
 Sample : Q1880-11DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EBR-P02-SC-SS01-20250423DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025

Quant Time: Apr 30 01:19:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	124102	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	328179	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	267319	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	233850	10.646	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.500%
Target Compounds						
13) Ethanol	1.725	45	22020	14.570	ppbv	81
15) Acetone	1.839	43	16108	0.793	ppbv	93
19) Isopropyl Alcohol	1.890	45	4502m	0.399	ppbv	
20) Methylene Chloride	2.062	84	1359	0.171	ppbv #	87
30) Cyclohexane	3.865	84	1863m	0.114	ppbv	

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

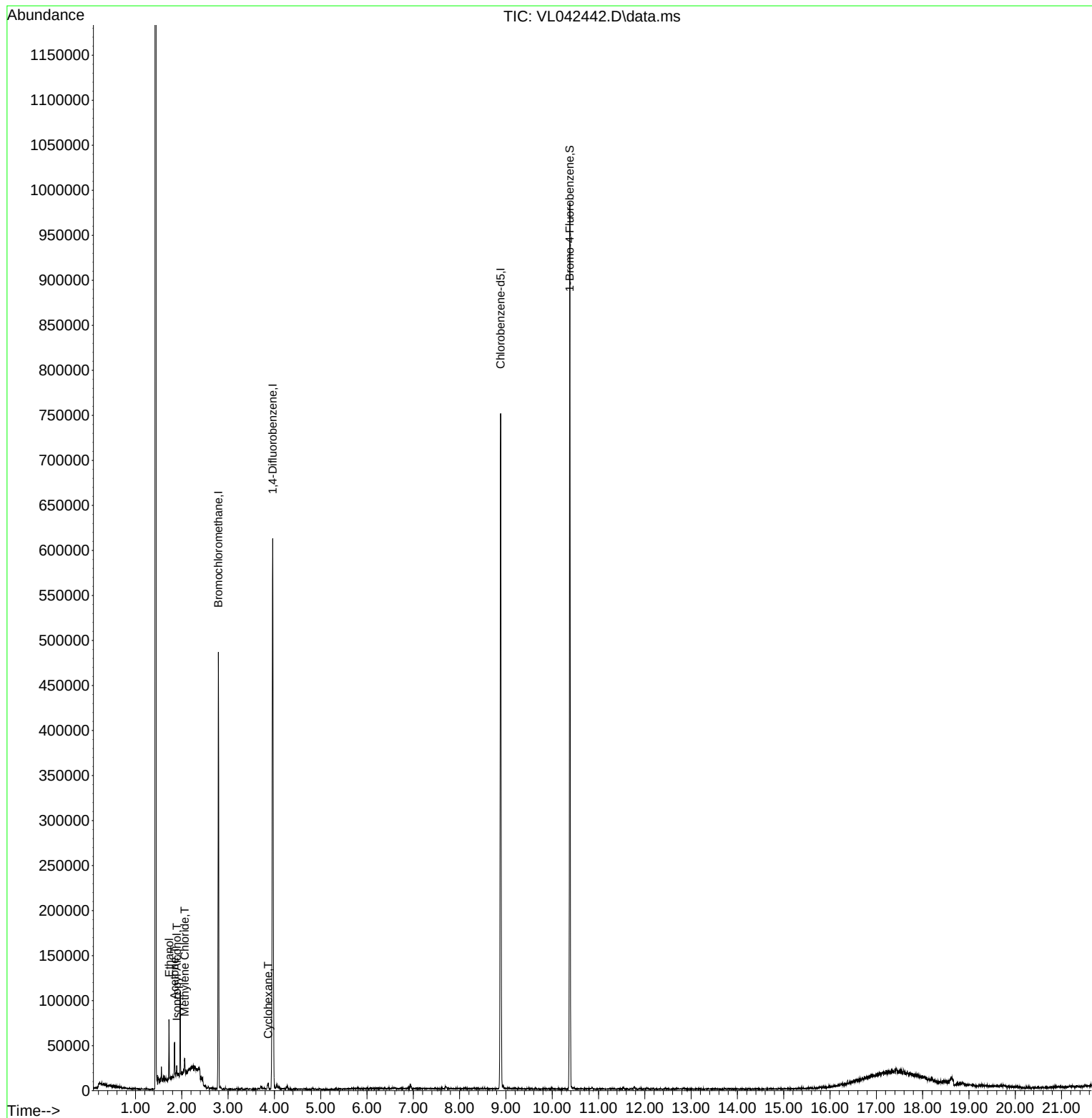
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
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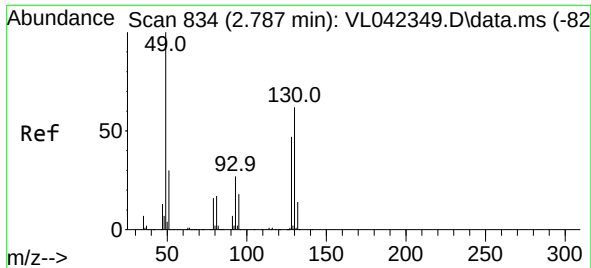
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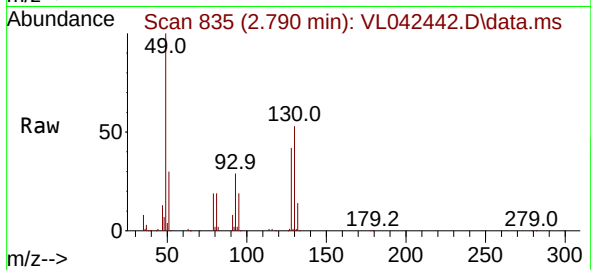
Quant Time: Apr 30 01:19:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042442.D
Acq: 29 Apr 2025 12:33

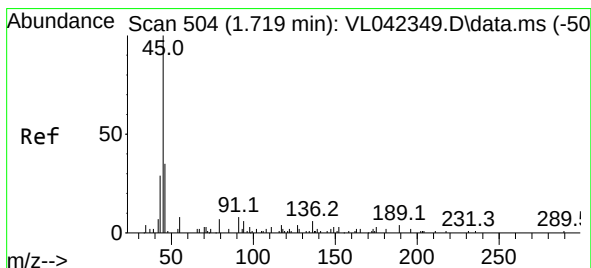
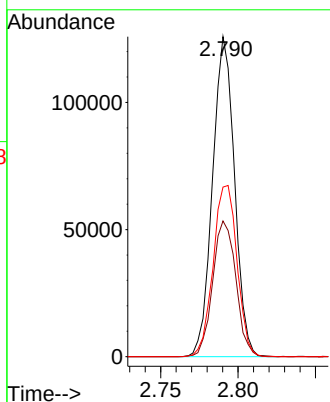
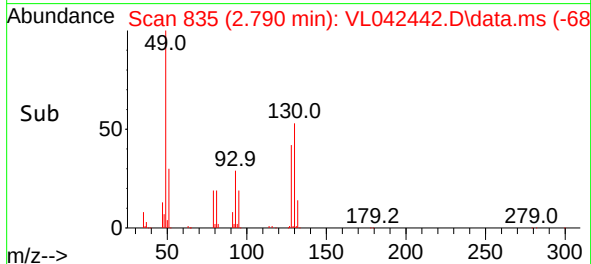
Instrument :
MSVOA_L
ClientSampleId :
EBR-P02-SC-SS01-20250423DL



Tgt Ion: 49 Resp: 12410
Ion Ratio Lower Upper
49 100
128 44.7 22.8 68.4
130 58.3 29.3 88.0

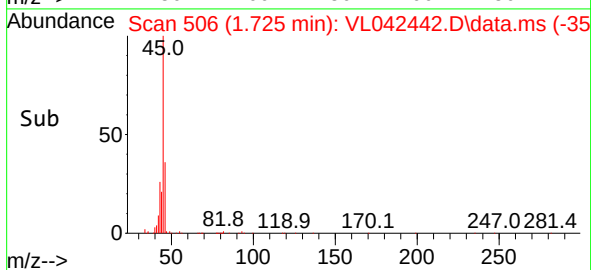
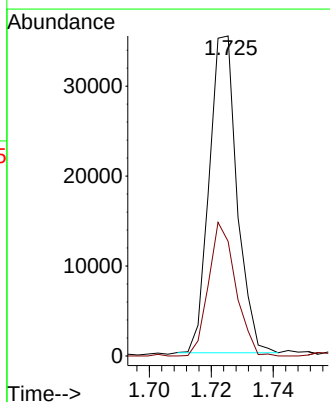
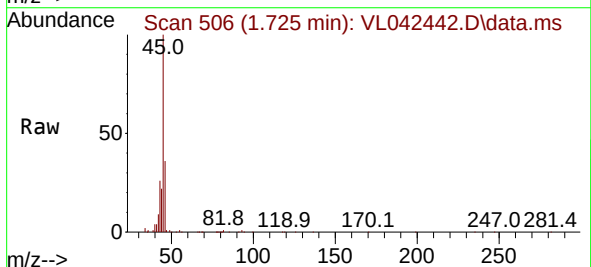
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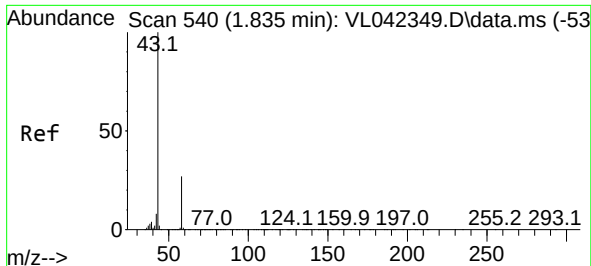
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#13
Ethanol
Concen: 14.570 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.007 min
Lab File: VL042442.D
Acq: 29 Apr 2025 12:33

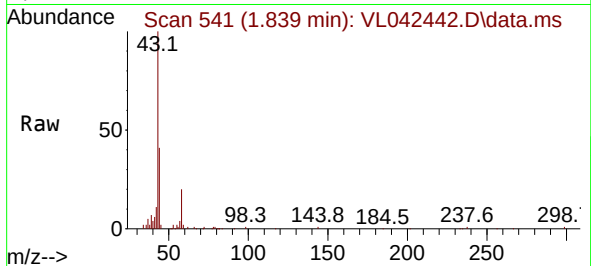
Tgt Ion: 45 Resp: 22020
Ion Ratio Lower Upper
45 100
46 41.1 21.9 87.7





#15
Acetone
Concen: 0.793 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042442.D
Acq: 29 Apr 2025 12:33

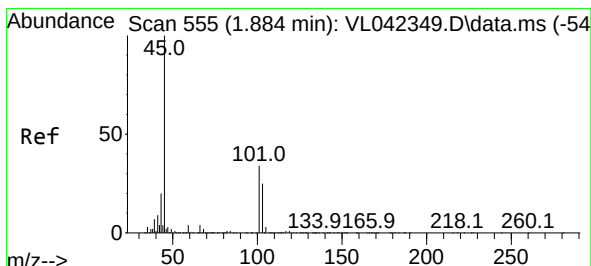
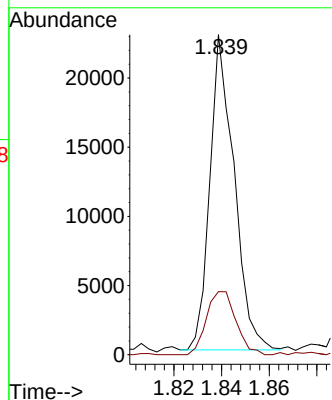
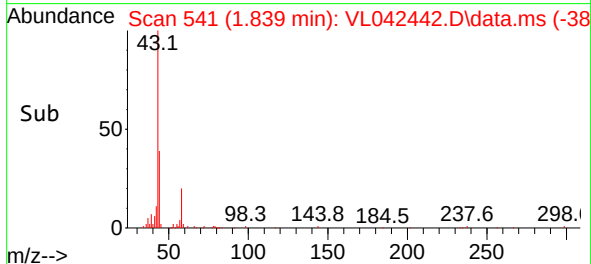
Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 16108
Ion Ratio Lower Upper
43 100
58 24.3 22.4 33.6

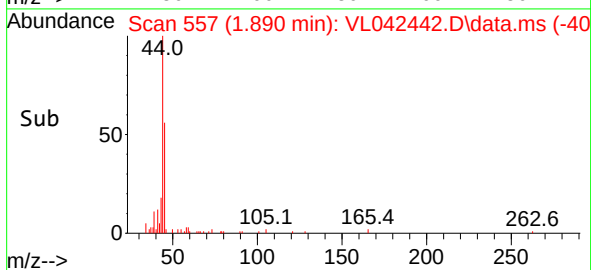
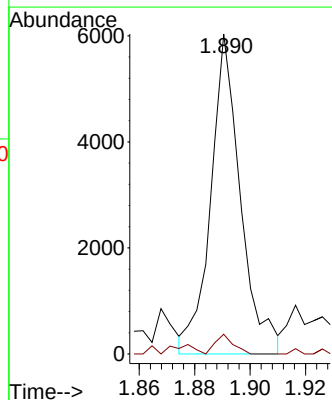
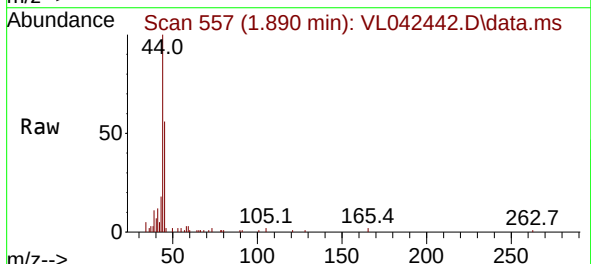
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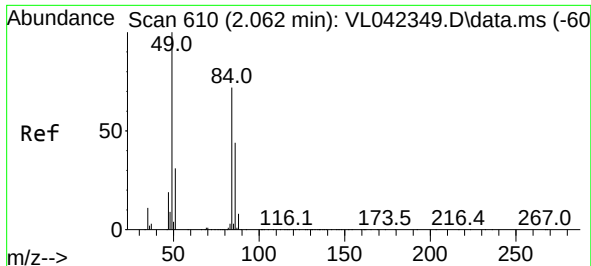
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#19
Isopropyl Alcohol
Concen: 0.399 ppbv m
RT: 1.890 min Scan# 557
Delta R.T. 0.007 min
Lab File: VL042442.D
Acq: 29 Apr 2025 12:33

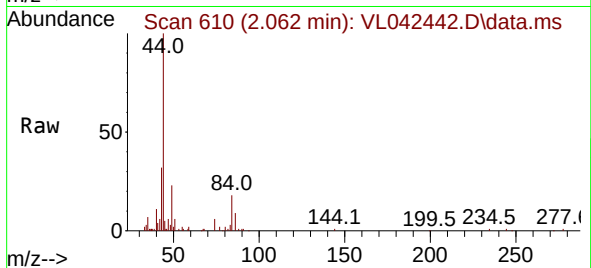
Tgt Ion: 45 Resp: 4502
Ion Ratio Lower Upper
45 100
58 86.9 34.5 51.7#





#20
Methylene Chloride
Concen: 0.171 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042442.D
Acq: 29 Apr 2025 12:33

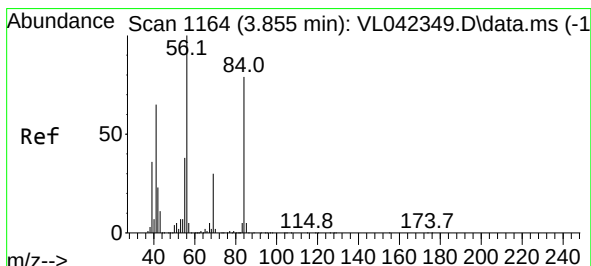
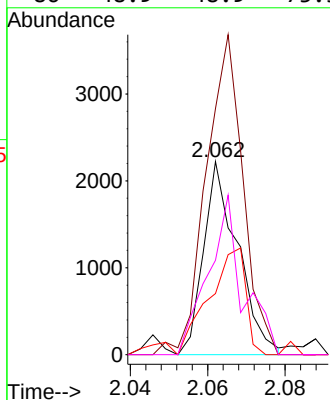
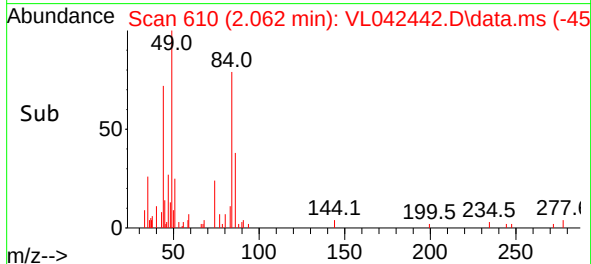
Instrument :
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Tgt Ion:	84	Resp:	1359
Ion	Ratio	Lower	Upper
84	100		
49	127.4	111.6	167.4
51	31.6	35.1	52.7
86	48.9	48.9	73.3

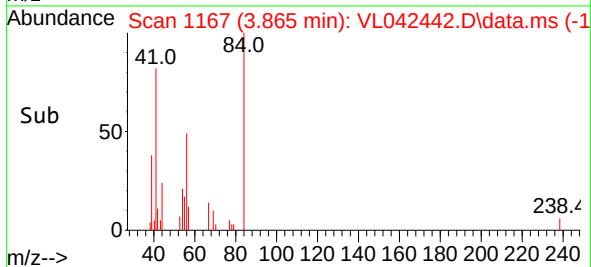
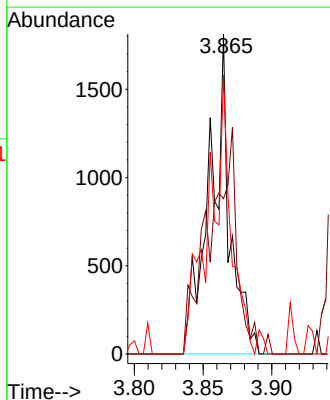
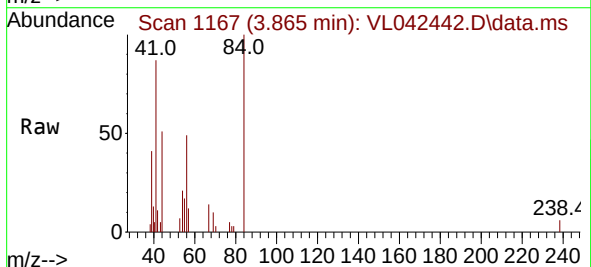
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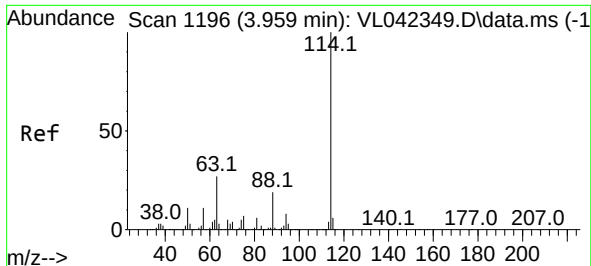
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#30
Cyclohexane
Concen: 0.114 ppbv m
RT: 3.865 min Scan# 1167
Delta R.T. 0.010 min
Lab File: VL042442.D
Acq: 29 Apr 2025 12:33

Tgt Ion:	84	Resp:	1863
Ion	Ratio	Lower	Upper
84	100		
56	0.0	101.0	151.4
41	0.0	67.4	101.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.003 min

Lab File: VL042442.D

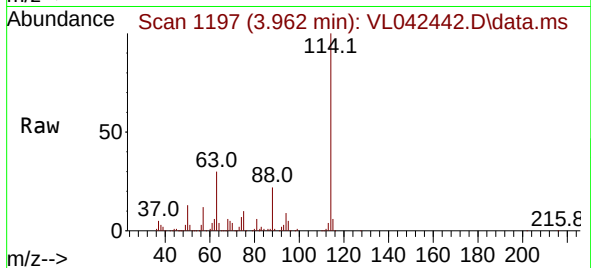
Acq: 29 Apr 2025 12:33

Instrument :

MSVOA_L

ClientSampleId :

EBR-P02-SC-SS01-20250423DL



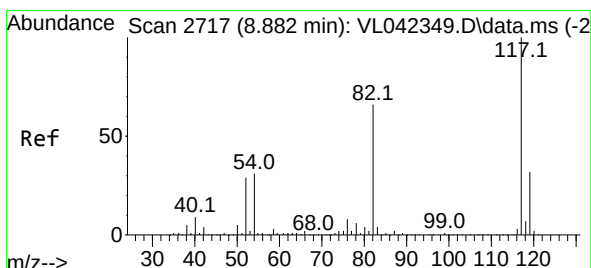
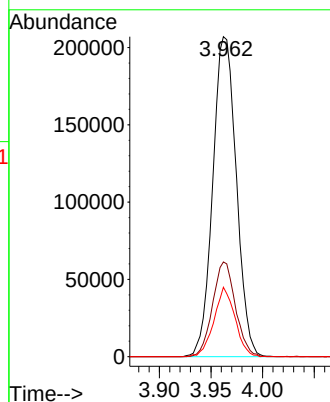
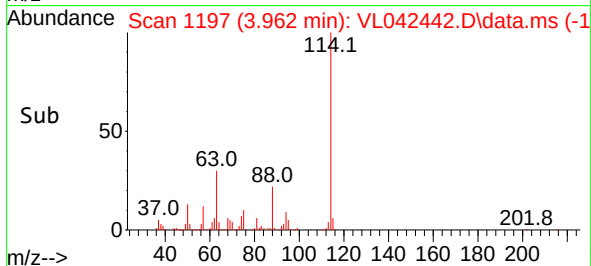
Tgt Ion:114 Resp: 328179

Ion	Ratio	Lower	Upper
114	100		
63	28.8	21.8	32.6
88	19.5	15.5	23.3

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 2718

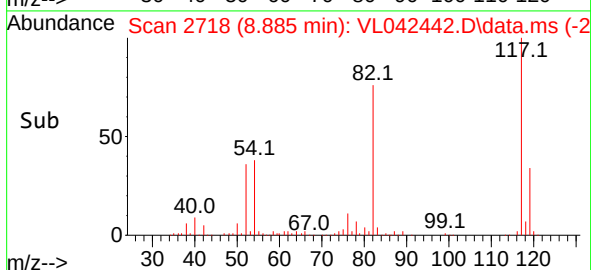
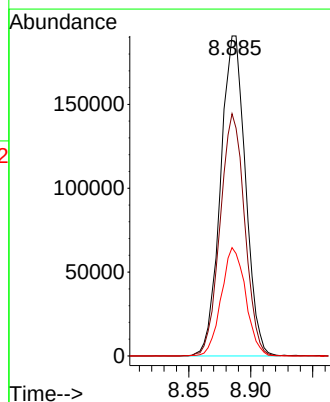
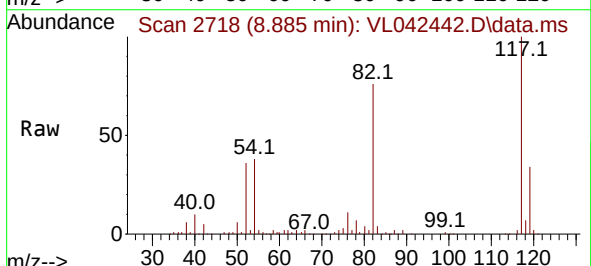
Delta R.T. 0.003 min

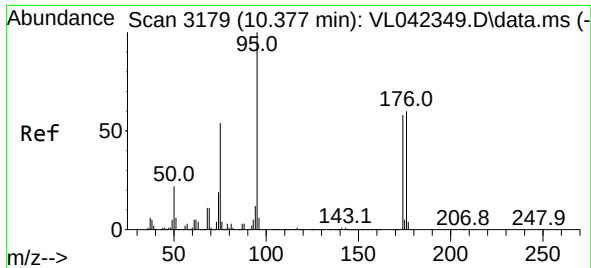
Lab File: VL042442.D

Acq: 29 Apr 2025 12:33

Tgt Ion:117 Resp: 267319

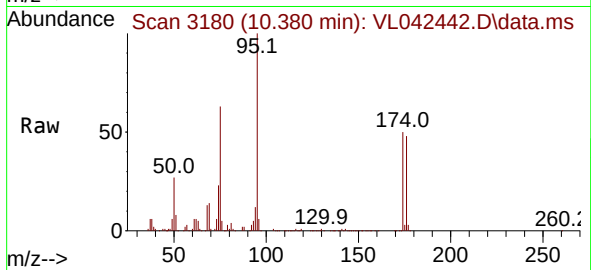
Ion	Ratio	Lower	Upper
117	100		
82	74.6	57.8	86.6
119	33.1	25.2	37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.646 ppbv
 RT: 10.380 min Scan# 3179
 Delta R.T. 0.003 min
 Lab File: VL042442.D
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Instrument : MSVOA_L
 ClientSampleId : EBR-P02-SC-SS01-20250423DL



Tgt Ion: 95 Resp: 233850
 Ion Ratio Lower Upper
 95 100
 174 51.5 48.5 72.7
 175 3.6 3.7 5.5

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