

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050525\
 Data File : VL042473.D
 Acq On : 05 May 2025 11:22
 Operator : SY/MD
 Sample : Q1927-04DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EBR-P03-SC-SS01-20250428DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 01:40:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	80347	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	224542	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	185866	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	169008	9.808	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						
					Qvalue	
9) Propene	1.479	41	5215m	1.134	ppbv	
10) Heptane	4.994	43	5436m	0.456	ppbv	
13) Ethanol	1.722	45	8323	8.920	ppbv #	37
15) Acetone	1.839	43	61972	4.225	ppbv	98
26) Hexane	2.832	57	13946	1.363	ppbv #	34
59) m/p-Xylene	9.532	91	3492m	0.134	ppbv	

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

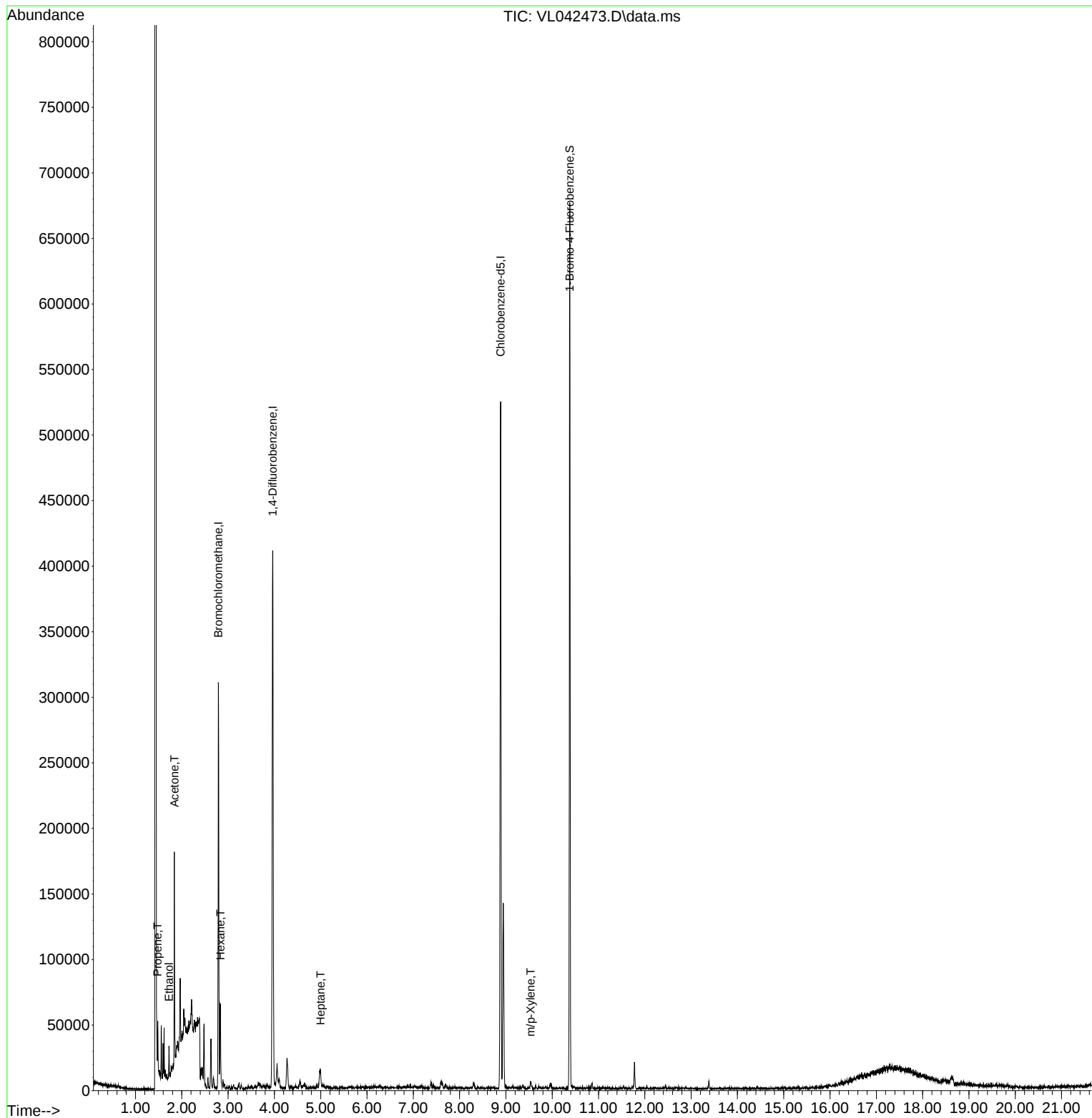
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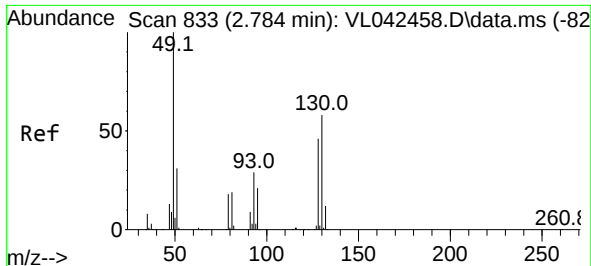
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
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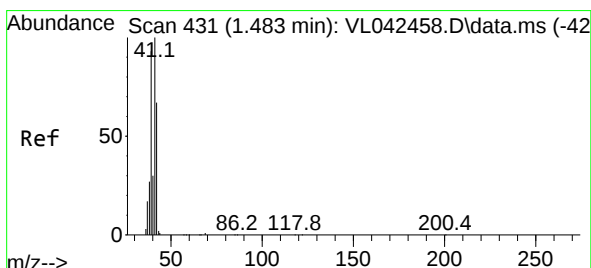
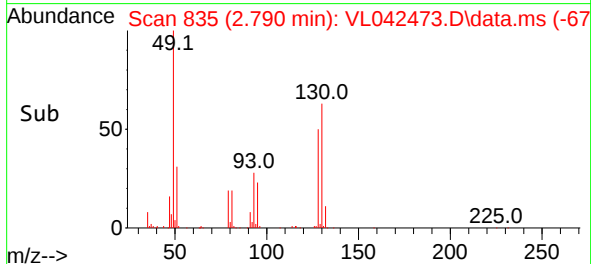
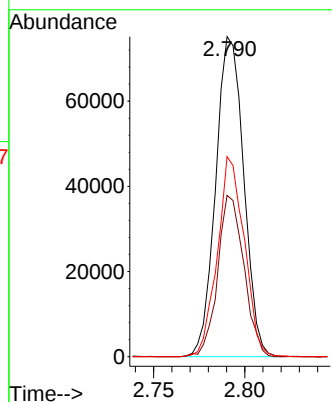
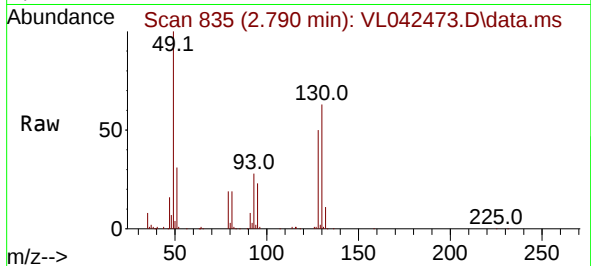
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042473.D
Acq: 05 May 2025 11:22

Instrument :
MSVOA_L
ClientSampleId :
EBR-P03-SC-SS01-20250428DL

Tgt Ion: 49 Resp: 8034
Ion Ratio Lower Upper
49 100
128 47.1 23.3 69.9
130 60.1 29.5 88.6

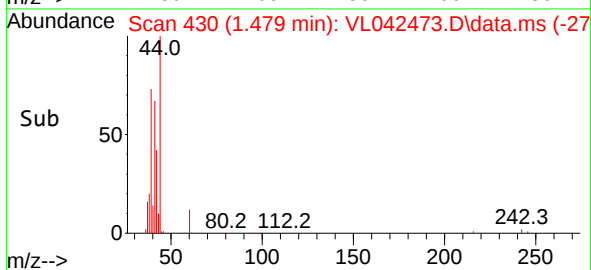
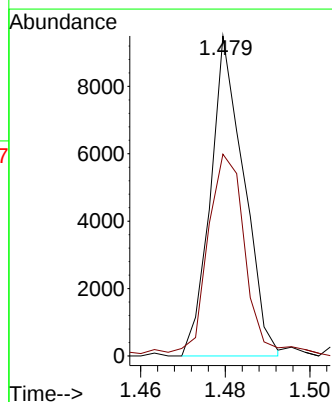
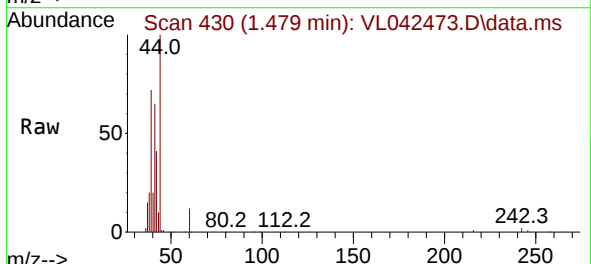
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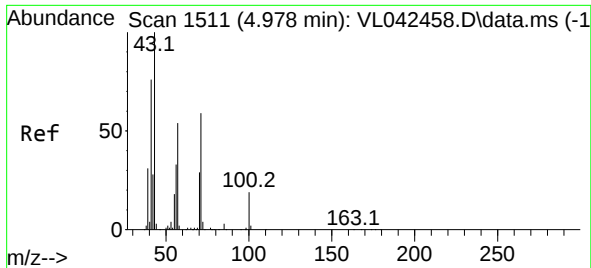
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#9
Propene
Concen: 1.134 ppbv m
RT: 1.479 min Scan# 430
Delta R.T. -0.003 min
Lab File: VL042473.D
Acq: 05 May 2025 11:22

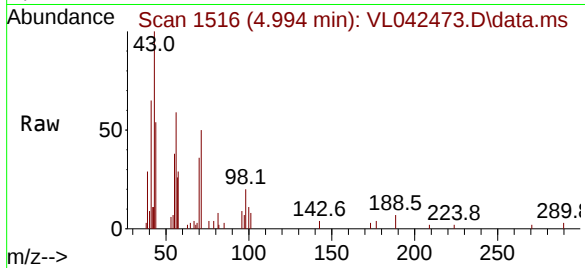
Tgt Ion: 41 Resp: 5215
Ion Ratio Lower Upper
41 100
42 46.5 54.3 81.5#





#10
Heptane
Concen: 0.456 ppbv m
RT: 4.994 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL042473.D
Acq: 05 May 2025 11:22

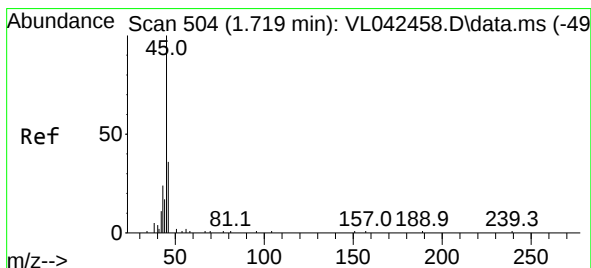
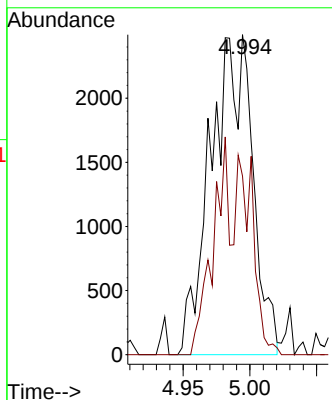
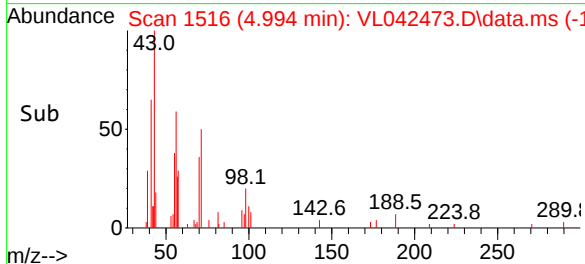
Instrument :
MSVOA_L
ClientSampleId :
EBR-P03-SC-SS01-20250428DL



Tgt Ion: 43 Resp: 5430
Ion Ratio Lower Upper
43 100
57 0.0 41.8 62.8

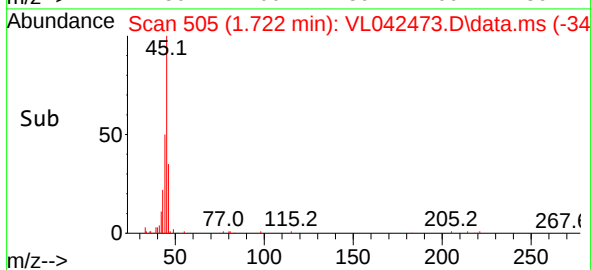
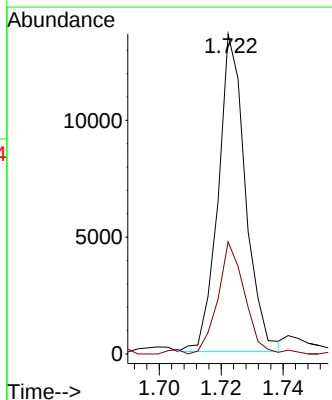
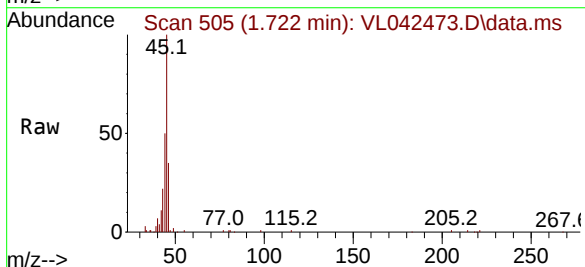
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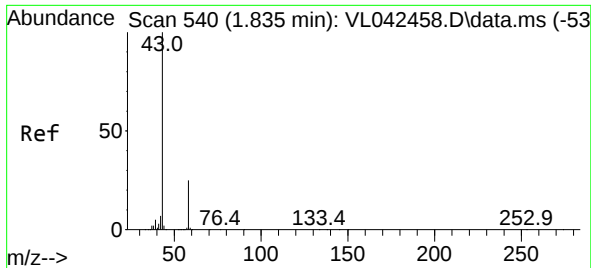
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#13
Ethanol
Concen: 8.920 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042473.D
Acq: 05 May 2025 11:22

Tgt Ion: 45 Resp: 8323
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1





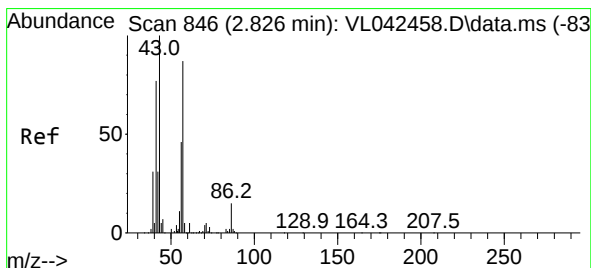
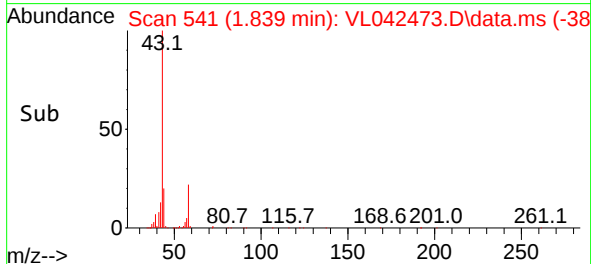
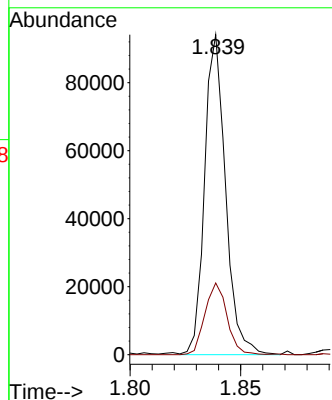
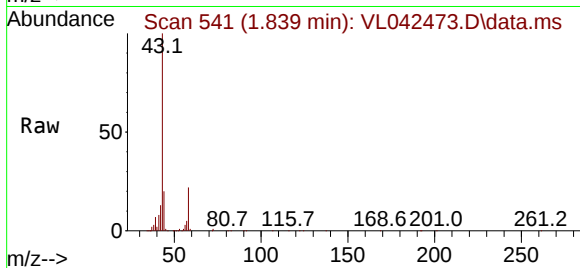
#15
Acetone
Concen: 4.225 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042473.D
Acq: 05 May 2025 11:22

Instrument : MSVOA_L
ClientSampleId : EBR-P03-SC-SS01-20250428DL

Tgt Ion: 43 Resp: 61972
Ion Ratio Lower Upper
43 100
58 23.7 19.8 29.8

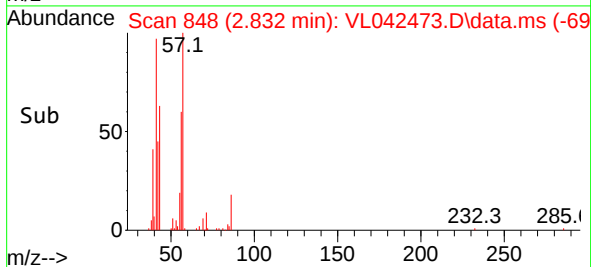
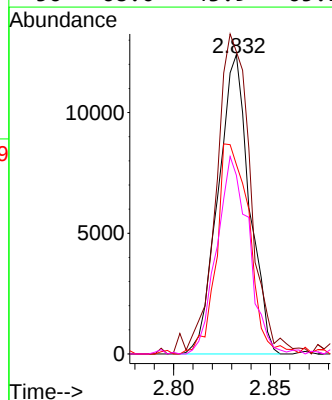
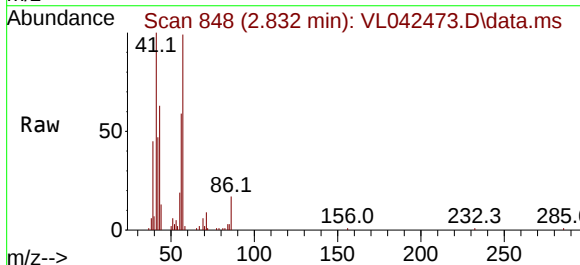
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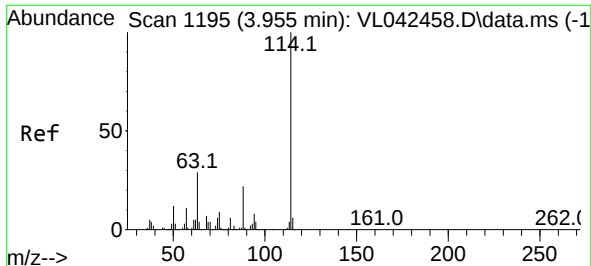
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#26
Hexane
Concen: 1.363 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.007 min
Lab File: VL042473.D
Acq: 05 May 2025 11:22

Tgt Ion: 57 Resp: 13946
Ion Ratio Lower Upper
57 100
41 118.3 77.8 116.8#
43 73.6 187.0 280.6#
56 68.0 43.9 65.9#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1195

Delta R.T. 0.010 min

Lab File: VL042473.D

Acq: 05 May 2025 11:22

Instrument :

MSVOA_L

ClientSampleId :

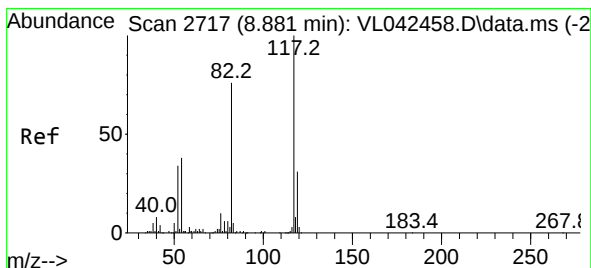
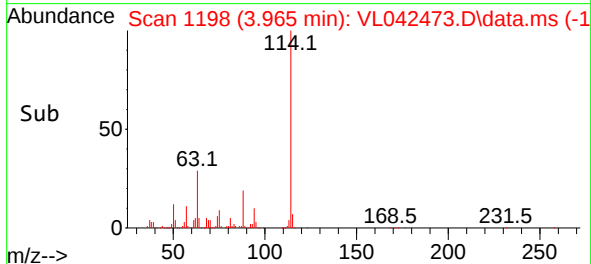
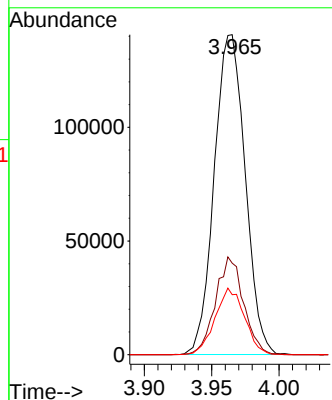
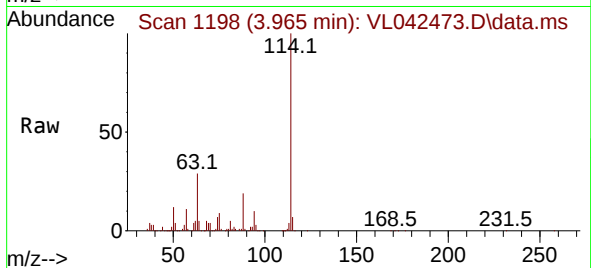
EBR-P03-SC-SS01-20250428DL

Tgt Ion:	114	Resp:	22454
Ion Ratio	Lower	Upper	
114	100		
63	27.8	23.1	34.7
88	19.8	16.1	24.1

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

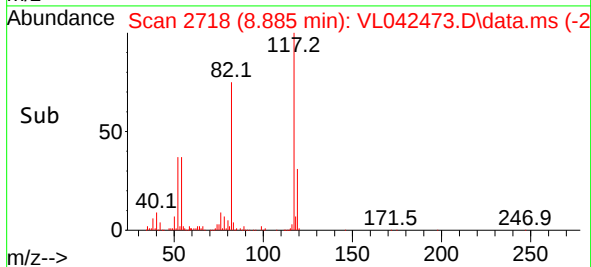
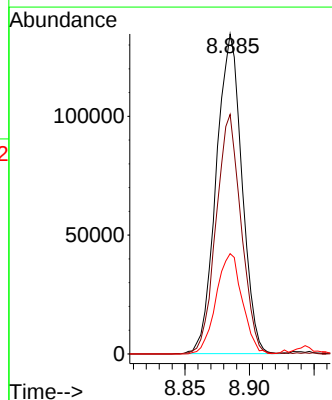
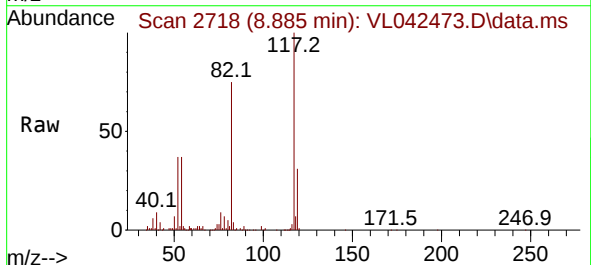
RT: 8.885 min Scan# 2718

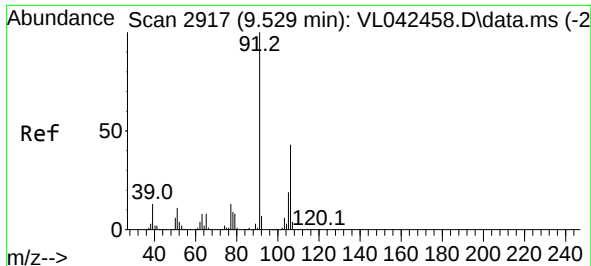
Delta R.T. 0.003 min

Lab File: VL042473.D

Acq: 05 May 2025 11:22

Tgt Ion:	117	Resp:	185866
Ion Ratio	Lower	Upper	
117	100		
82	73.4	63.5	95.3
119	31.9	25.8	38.8





#59

m/p-Xylene

Concen: 0.134 ppbv m

RT: 9.532 min Scan# 2917

Delta R.T. 0.003 min

Lab File: VL042473.D

Acq: 05 May 2025 11:22

Instrument :

MSVOA_L

ClientSampleId :

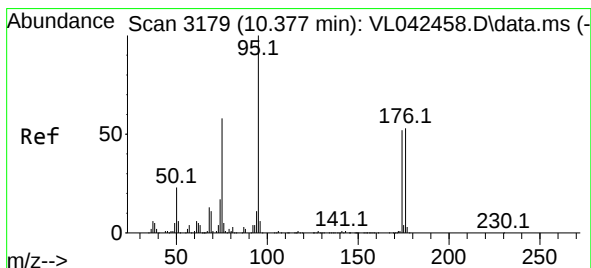
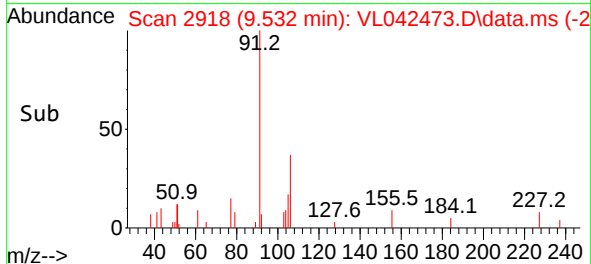
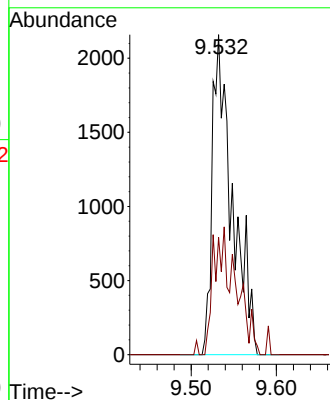
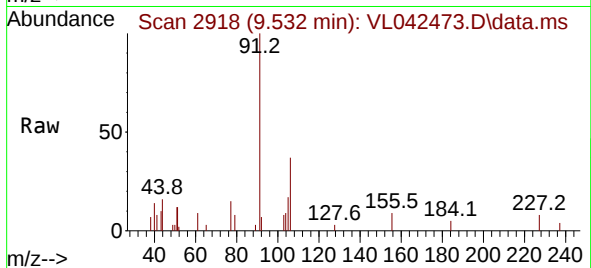
EBR-P03-SC-SS01-20250428DL

Tgt Ion: 91 Resp: 3492
 Ion Ratio Lower Upper
 91 100
 106 0.0 34.2 51.2

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.808 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. 0.000 min

Lab File: VL042473.D

Acq: 05 May 2025 11:22

Tgt Ion: 95 Resp: 169008
 Ion Ratio Lower Upper
 95 100
 174 53.8 42.7 64.1
 175 4.4 3.6 5.4

