

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050525\
 Data File : VL042480.D
 Acq On : 05 May 2025 17:31
 Operator : SY/MD
 Sample : Q1927-02DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EBR-P03-SC-IA01-20250428DL

Quant Time: May 06 01:44:13 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	2.787	49	71197	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	196088	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	157044	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	147914	10.159	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.496	85	1576	0.134	ppbv	90
4) Chloromethane	1.535	50	1035	0.210	ppbv #	86
9) Propene	1.486	41	5108m	1.254	ppbv	
13) Ethanol	1.722	45	17314	20.940	ppbv #	37
15) Acetone	1.836	43	23137	1.780	ppbv	97
19) Isopropyl Alcohol	1.887	45	10168	1.414	ppbv #	95
20) Methylene Chloride	2.065	84	1115	0.285	ppbv #	79
34) 2-Butanone	2.564	43	2361	0.166	ppbv #	89
53) Toluene	6.940	91	3878m	0.198	ppbv	

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

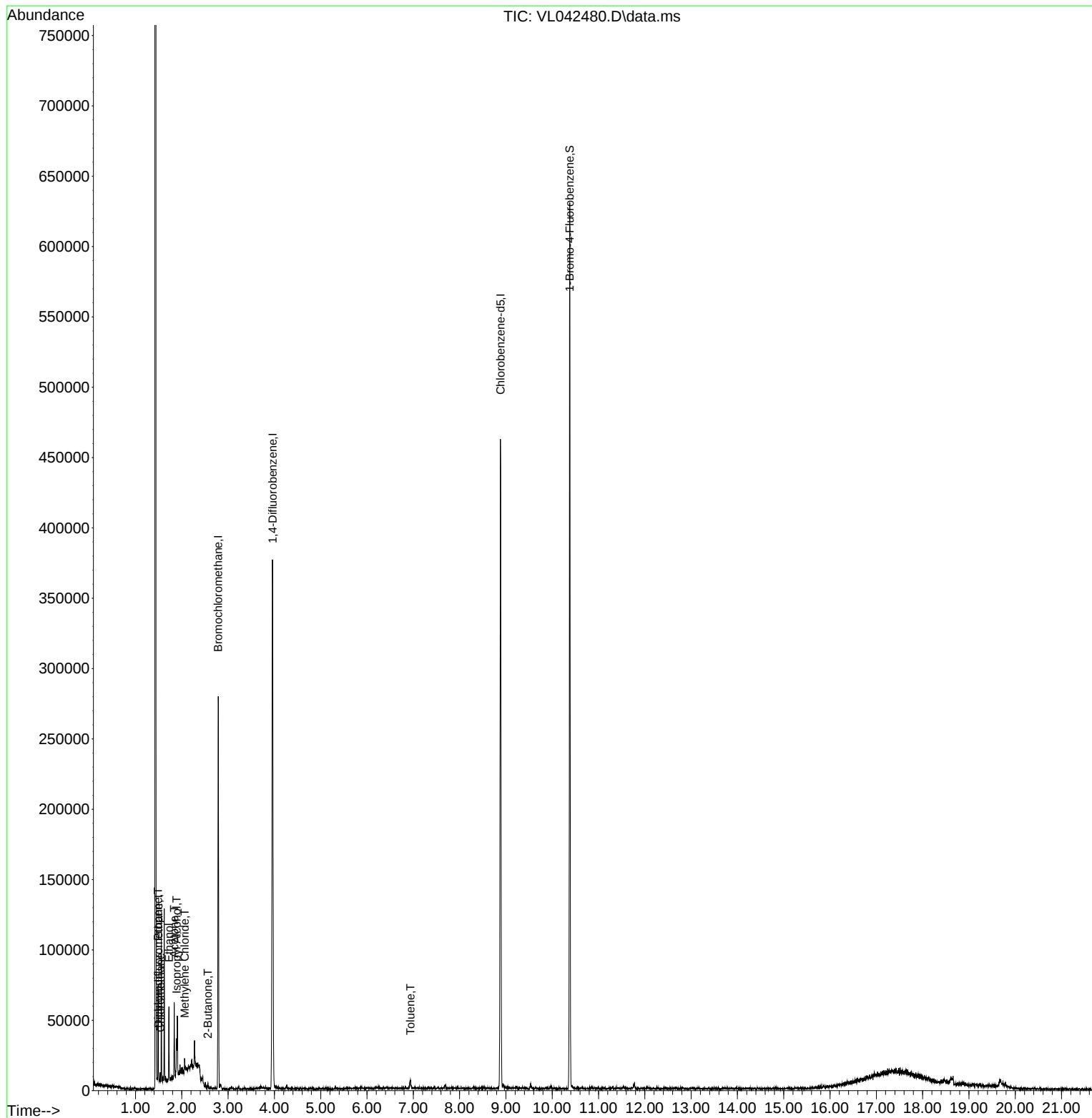
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050525\
Data File : VL042480.D
Acq On : 05 May 2025 17:31
Operator : SY/MD
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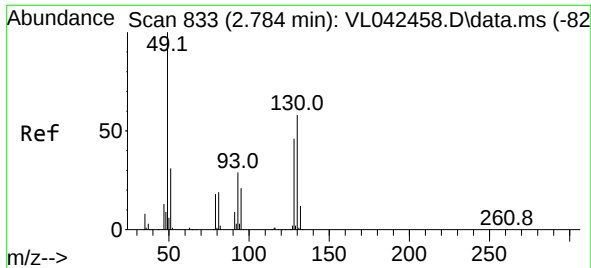
Instrument :
MSVOA_L
ClientSampleId :
EBR-P03-SC-IA01-20250428DL

Quant Time: May 06 01:44:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri May 02 03:16:31 2025
Response via : Initial Calibration

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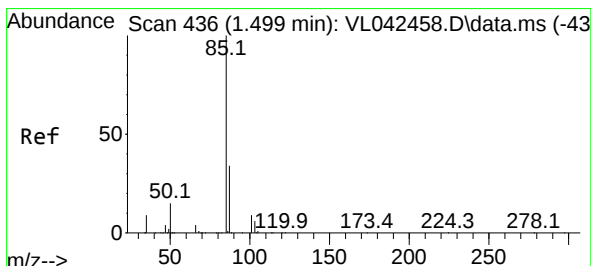
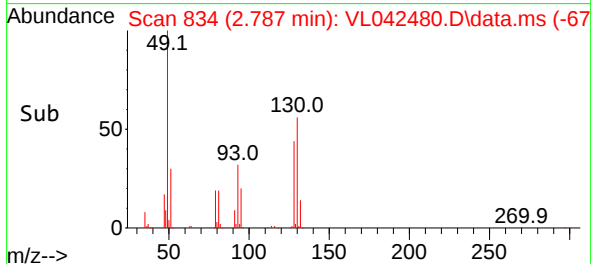
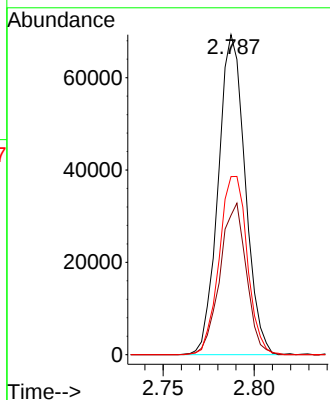
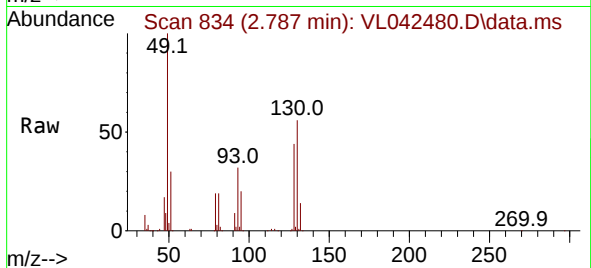
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL042480.D
Acq: 05 May 2025 17:31

Instrument :
MSVOA_L
ClientSampleId :
EBR-P03-SC-IA01-20250428DL

Tgt Ion: 49 Resp: 7119
Ion Ratio Lower Upper
49 100
128 46.3 23.3 69.9
130 58.2 29.5 88.6

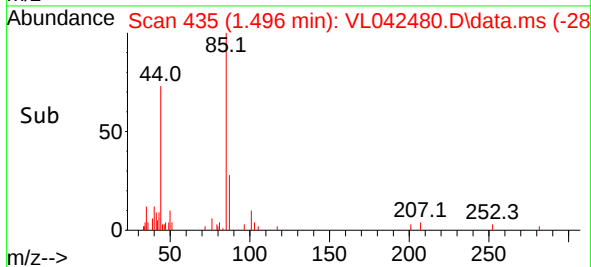
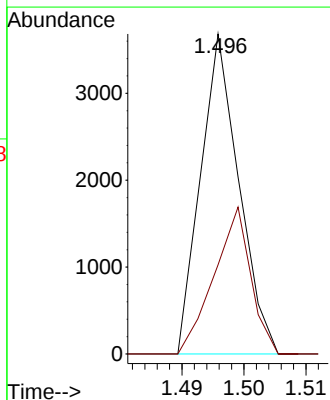
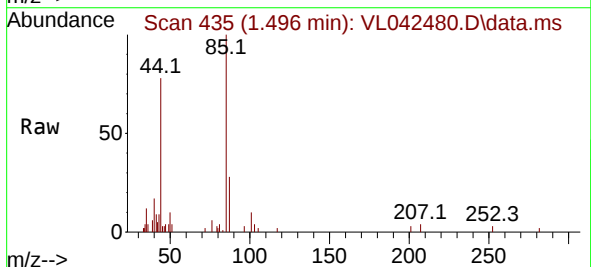
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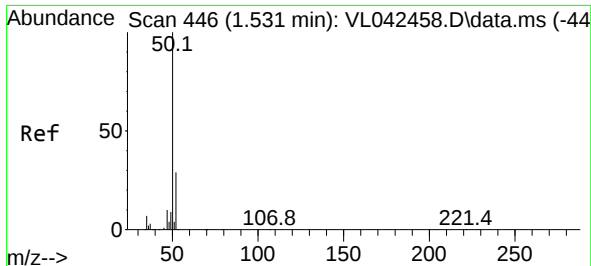
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#2
Dichlorodifluoromethane
Concen: 0.134 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.003 min
Lab File: VL042480.D
Acq: 05 May 2025 17:31

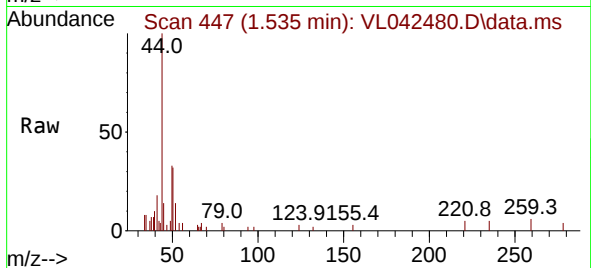
Tgt Ion: 85 Resp: 1576
Ion Ratio Lower Upper
85 100
87 27.9 26.9 40.3





#4
Chloromethane
Concen: 0.210 ppbv
RT: 1.535 min Scan# 446
Delta R.T. 0.004 min
Lab File: VL042480.D
Acq: 05 May 2025 17:31

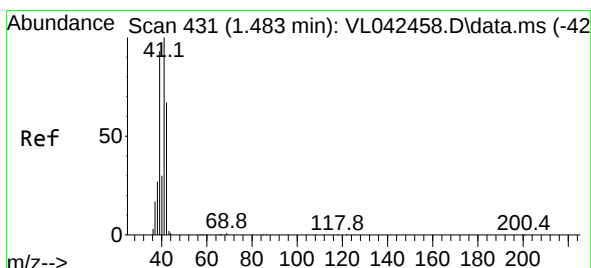
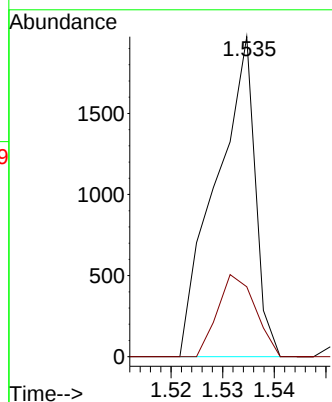
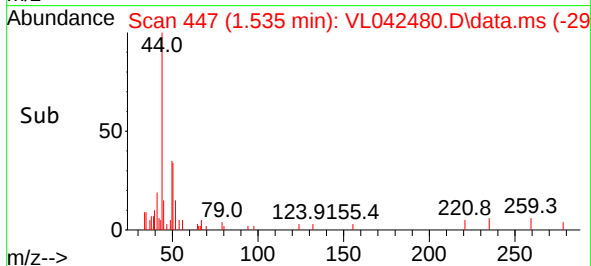
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 50 Resp: 1035
Ion Ratio Lower Upper
50 100
52 21.8 23.5 35.3

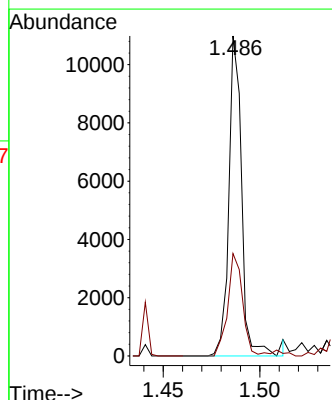
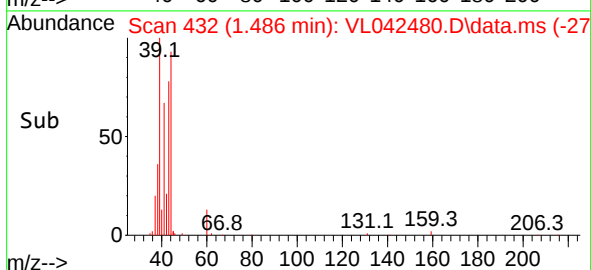
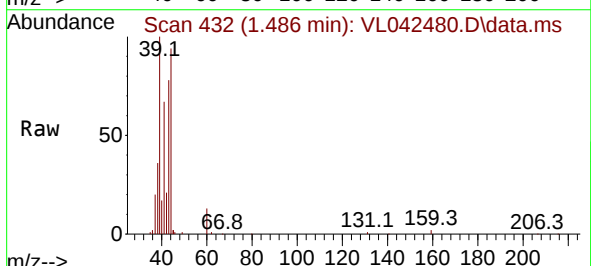
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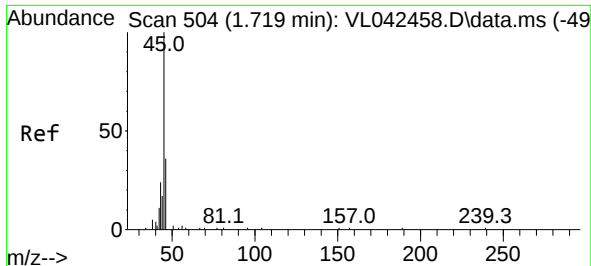
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#9
Propene
Concen: 1.254 ppbv m
RT: 1.486 min Scan# 432
Delta R.T. 0.004 min
Lab File: VL042480.D
Acq: 05 May 2025 17:31

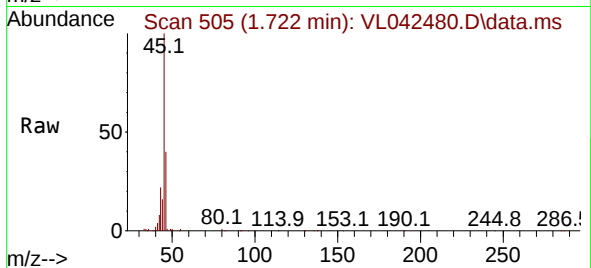
Tgt Ion: 41 Resp: 5108
Ion Ratio Lower Upper
41 100
42 169.3 54.3 81.5





#13
Ethanol
Concen: 20.940 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.004 min
Lab File: VL042480.D
Acq: 05 May 2025 17:31

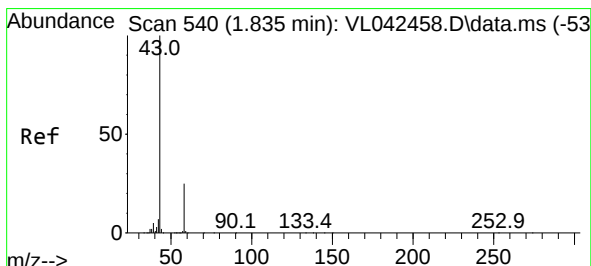
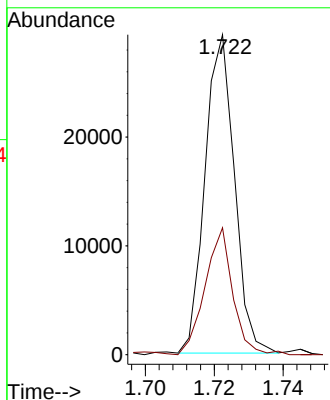
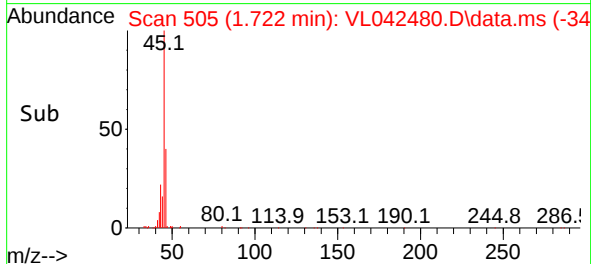
Instrument :
MSVOA_L
ClientSampleId :
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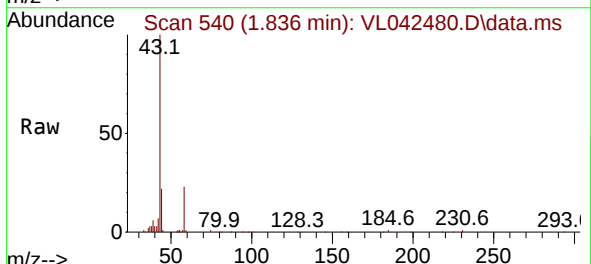
Tgt Ion: 45 Resp: 17314
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1

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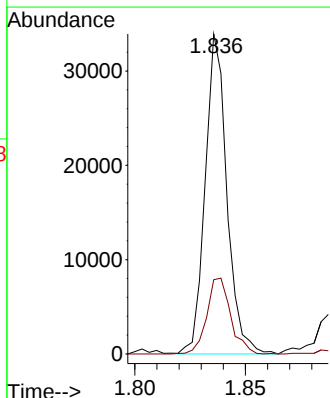
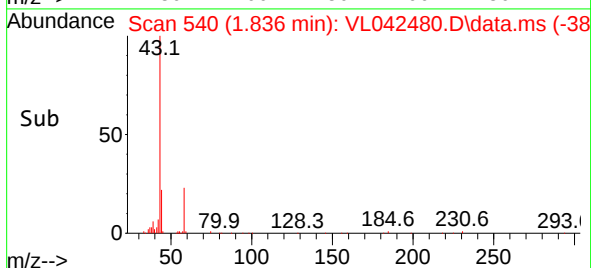
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Supervised By :Mahesh Dadoda 05/06/2025

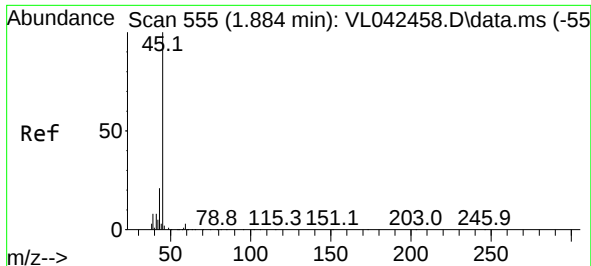


#15
Acetone
Concen: 1.780 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042480.D
Acq: 05 May 2025 17:31



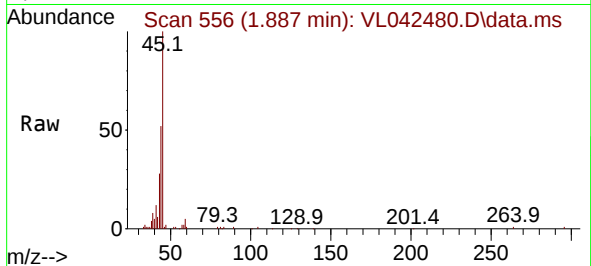
Tgt Ion: 43 Resp: 23137
Ion Ratio Lower Upper
43 100
58 26.1 19.8 29.8





#19
Isopropyl Alcohol
Concen: 1.414 ppbv
RT: 1.887 min Scan# 516
Delta R.T. 0.004 min
Lab File: VL042480.D
Acq: 05 May 2025 17:31

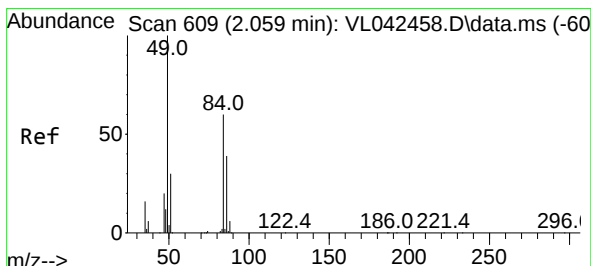
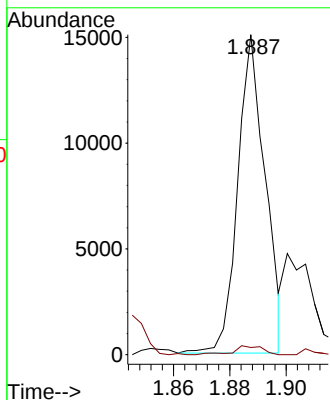
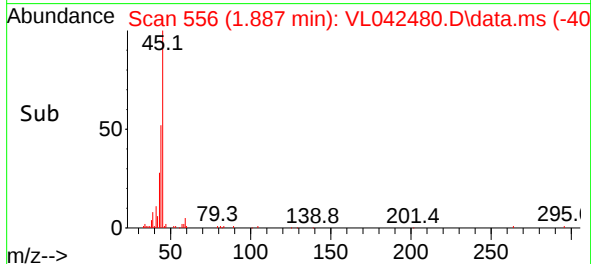
Instrument :
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ClientSampleId :
EBR-P03-SC-IA01-20250428DL



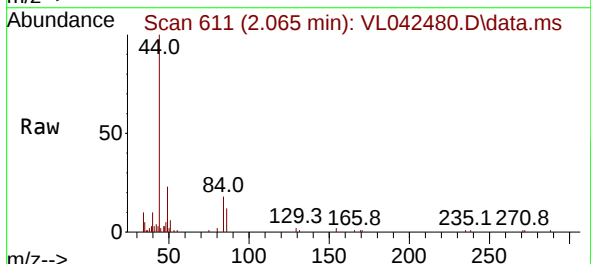
Tgt Ion: 45 Resp: 10168
Ion Ratio Lower Upper
45 100
58 3.6 1.6 2.4

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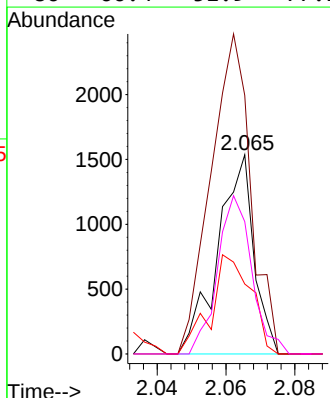
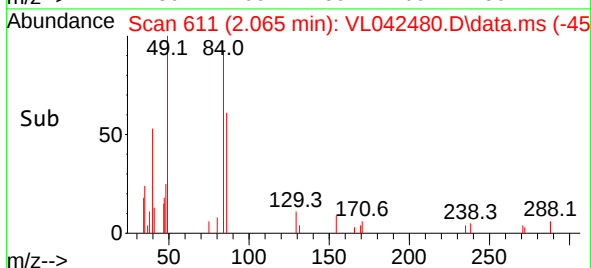
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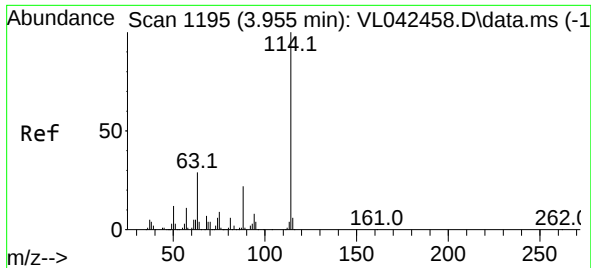


#20
Methylene Chloride
Concen: 0.285 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042480.D
Acq: 05 May 2025 17:31



Tgt Ion: 84 Resp: 1115
Ion Ratio Lower Upper
84 100
49 129.8 133.9 200.9#
51 35.1 41.0 61.6#
86 66.4 51.9 77.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.007 min

Lab File: VL042480.D

Acq: 05 May 2025 17:31

Instrument :

MSVOA_L

ClientSampleId :

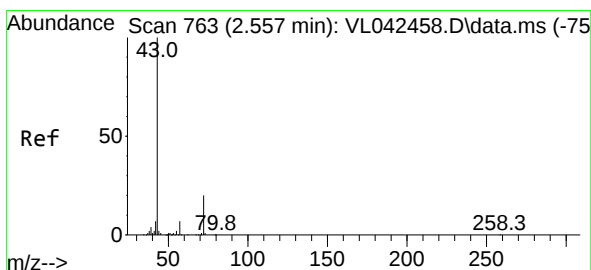
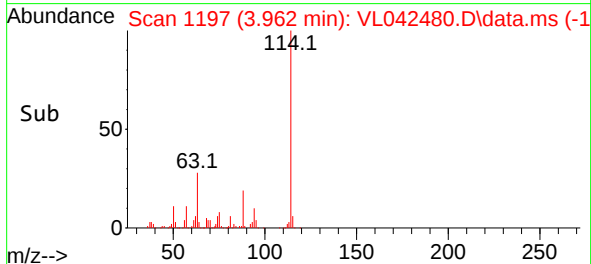
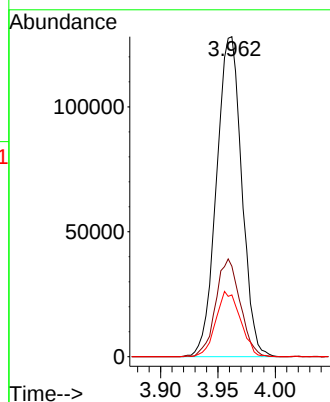
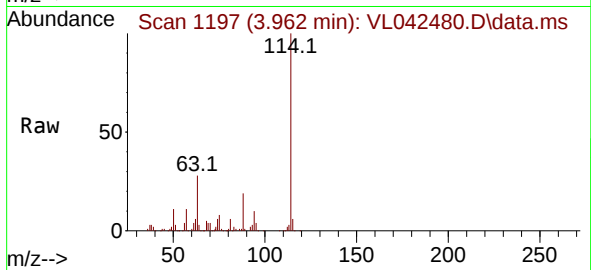
EBR-P03-SC-IA01-20250428DL

Tgt Ion:	114	Resp:	19608
Ion Ratio	Lower	Upper	
114	100		
63	29.6	23.1	34.7
88	20.0	16.1	24.1

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#34

2-Butanone

Concen: 0.166 ppbv

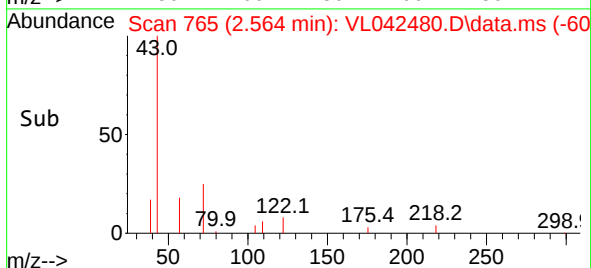
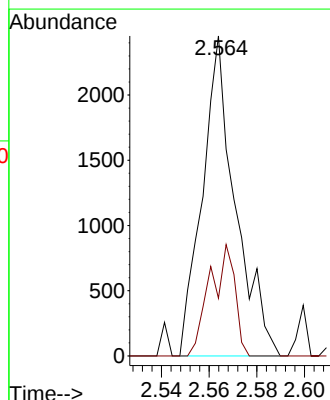
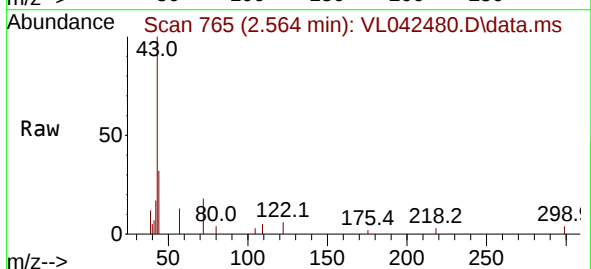
RT: 2.564 min Scan# 765

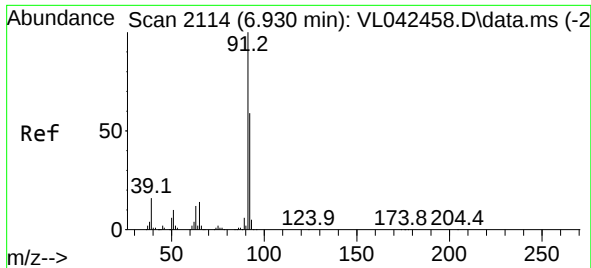
Delta R.T. 0.007 min

Lab File: VL042480.D

Acq: 05 May 2025 17:31

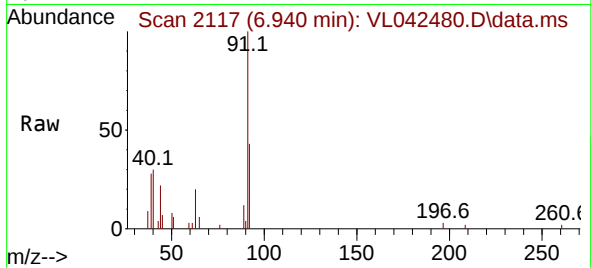
Tgt Ion:	43	Resp:	2361
Ion Ratio	Lower	Upper	
43	100		
72	26.2	16.7	25.1#





#53
Toluene
Concen: 0.198 ppbv m
RT: 6.940 min Scan# 2114
Delta R.T. 0.010 min
Lab File: VL042480.D
Acq: 05 May 2025 17:31

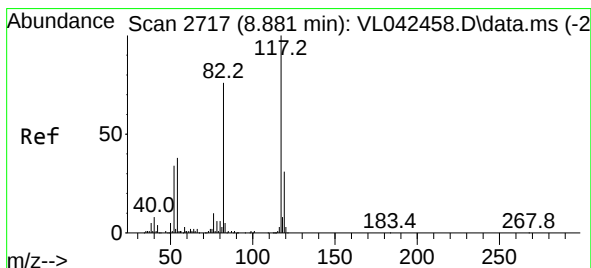
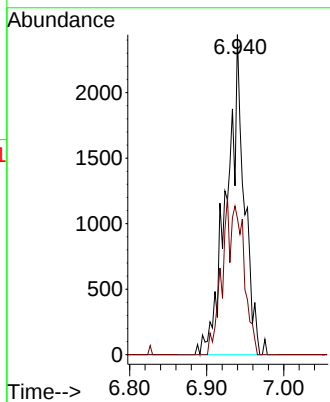
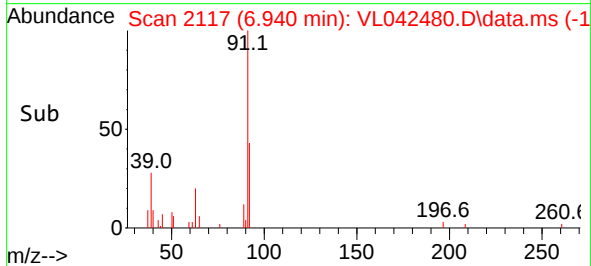
Instrument :
MSVOA_L
ClientSampleId :
EBR-P03-SC-IA01-20250428DL



Tgt Ion: 91 Resp: 3878
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9

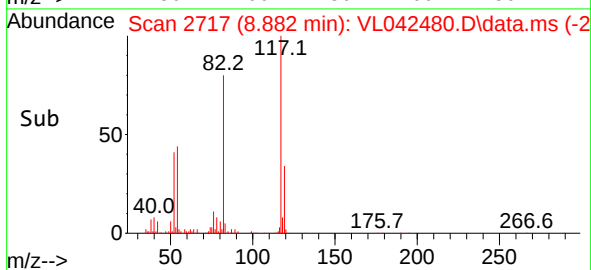
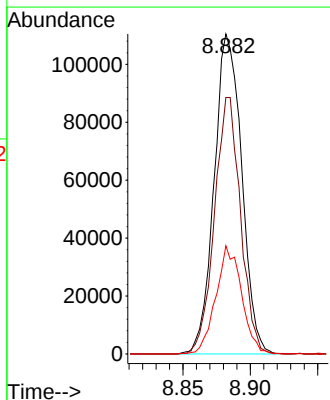
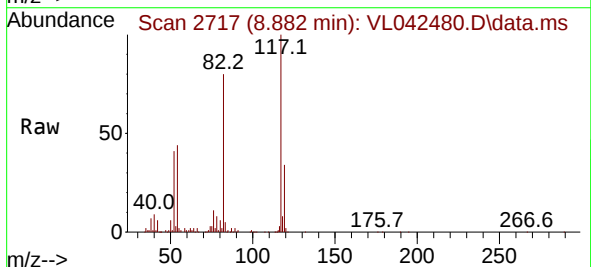
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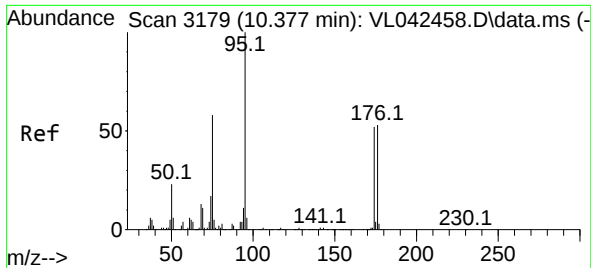
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. 0.000 min
Lab File: VL042480.D
Acq: 05 May 2025 17:31

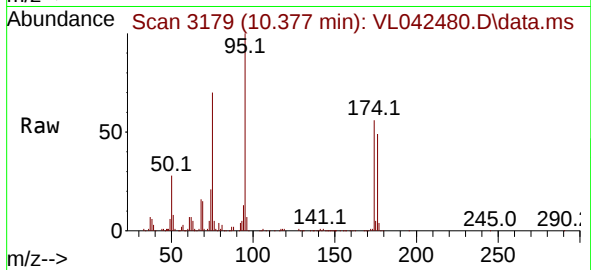
Tgt Ion:117 Resp: 157044
Ion Ratio Lower Upper
117 100
82 75.9 63.5 95.3
119 31.6 25.8 38.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.159 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.000 min
 Lab File: VL042480.D
 Acq: 05 May 2025 17:31

Instrument : MSVOA_L
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Tgt Ion: 95 Resp: 147914
 Ion Ratio Lower Upper
 95 100
 174 53.8 42.7 64.1
 175 4.3 3.6 5.4

Manual Integrations
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