

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050525\
 Data File : VL042475.D
 Acq On : 05 May 2025 14:44
 Operator : SY/MD
 Sample : Q1927-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: May 06 01:41:39 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	2.794	49	76909	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	213607	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.891	117	190161	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	177304	10.057	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	7173	0.564	ppbv	98
4) Chloromethane	1.531	50	3569	0.671	ppbv #	78
9) Propene	1.483	41	48486	11.016	ppbv	87
10) Heptane	4.991	43	59816	5.239	ppbv	91
13) Ethanol	1.725	45	73185	81.939	ppbv	96
15) Acetone	1.839	43	569403	40.557	ppbv	100
17) tert-Butyl alcohol	2.046	59	63678	5.148	ppbv	96
19) Isopropyl Alcohol	1.891	45	24033	3.093	ppbv #	1
20) Methylene Chloride	2.065	84	4735	1.122	ppbv	91
26) Hexane	2.832	57	156355	15.965	ppbv #	37
27) Carbon Disulfide	2.156	76	16500	1.444	ppbv #	1
29) Chloroform	2.855	83	3718m	0.203	ppbv	
34) 2-Butanone	2.564	43	32498	2.103	ppbv #	91
35) Carbon Tetrachloride	3.765	117	1131m	0.058	ppbv	
36) Benzene	3.664	78	11366	0.564	ppbv #	88
53) Toluene	6.946	91	15576m	0.730	ppbv	
58) Ethyl Benzene	9.361	91	12254	0.386	ppbv	97
59) m/p-Xylene	9.539	91	40302	1.513	ppbv	98
60) o-Xylene	9.972	91	18356	0.688	ppbv	99

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

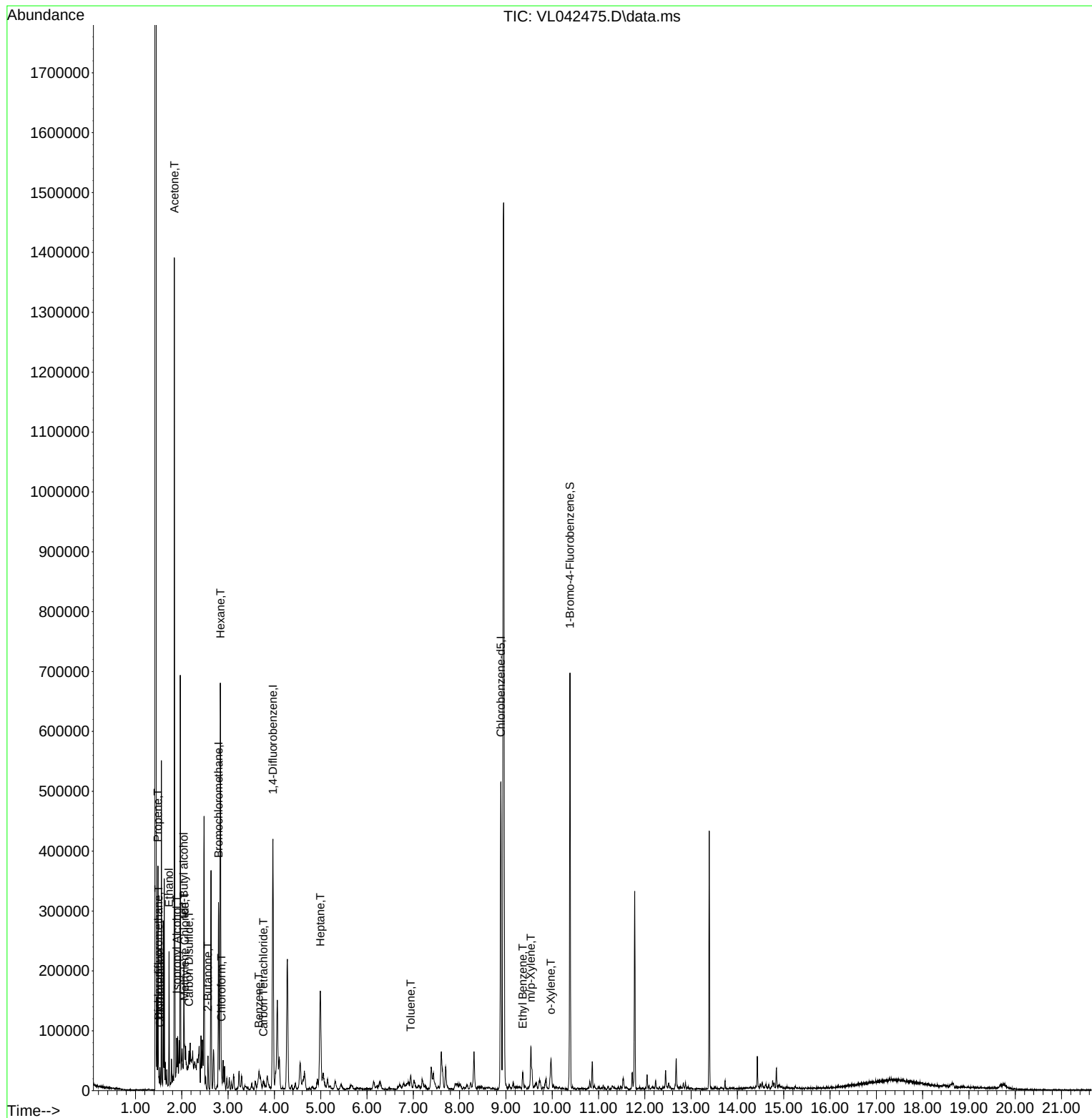
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050525\
Data File : VL042475.D
Acq On : 05 May 2025 14:44
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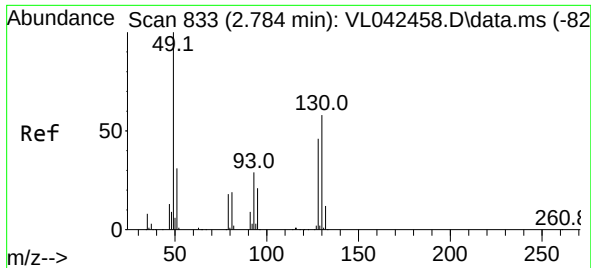
Instrument :
MSVOA_L
ClientSampleId :
EBR-P03-SC-SS01-20250428

Quant Time: May 06 01:41:39 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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Supervised By :Mahesh Dadoda 05/06/2025





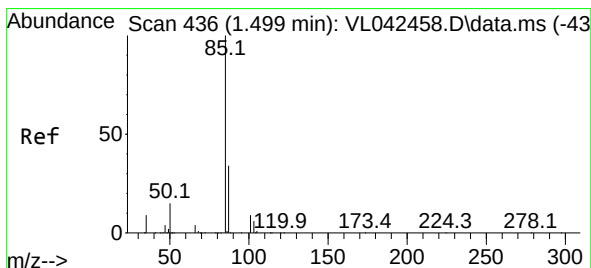
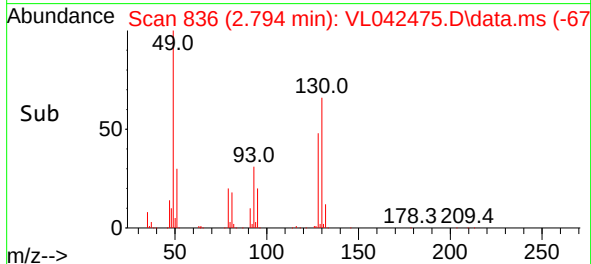
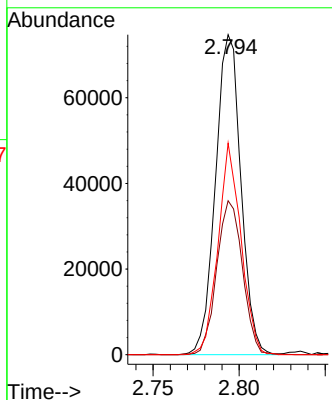
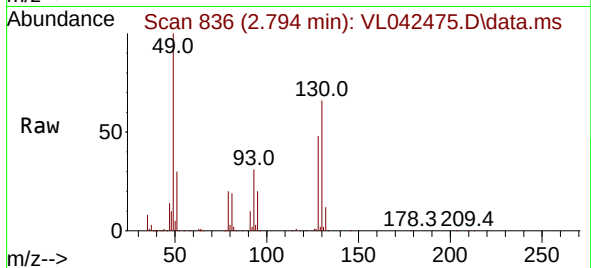
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 833
Delta R.T. 0.010 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44

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

Tgt Ion: 49 Resp: 76909
Ion Ratio Lower Upper
49 100
128 48.7 23.3 69.9
130 59.6 29.5 88.6

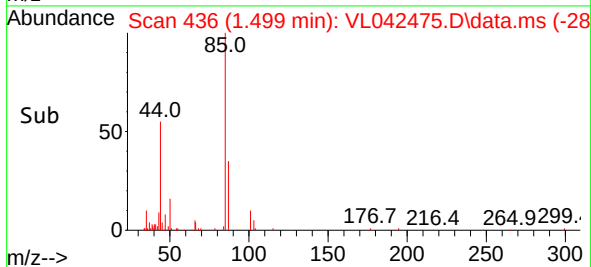
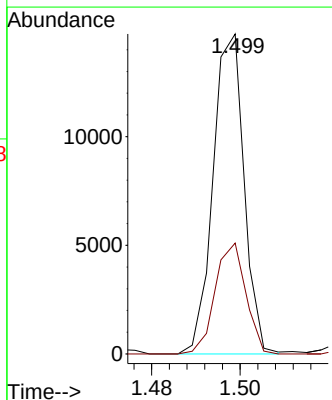
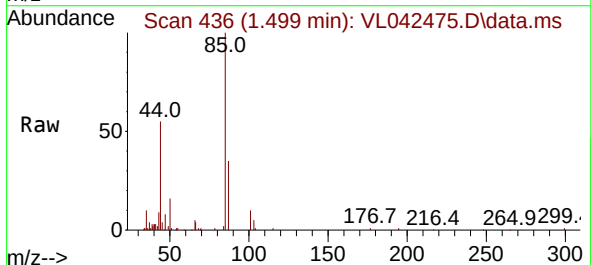
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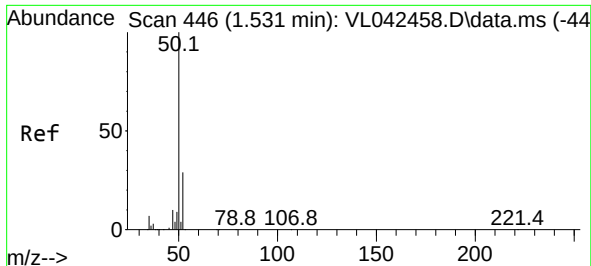
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#2
Dichlorodifluoromethane
Concen: 0.564 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44

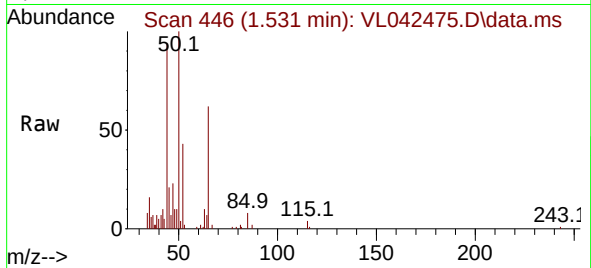
Tgt Ion: 85 Resp: 7173
Ion Ratio Lower Upper
85 100
87 34.7 26.9 40.3





#4
Chloromethane
Concen: 0.671 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44

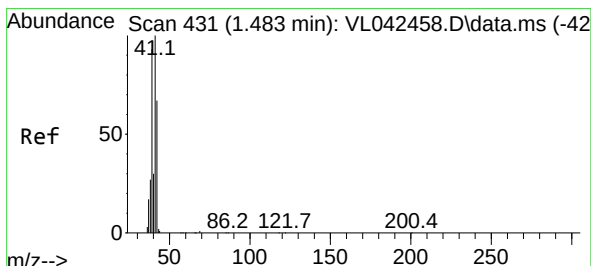
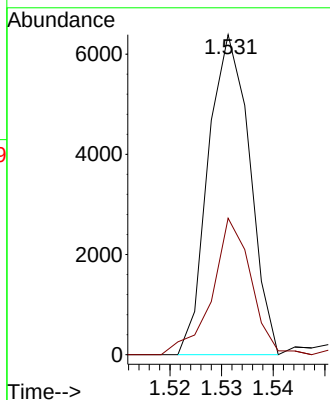
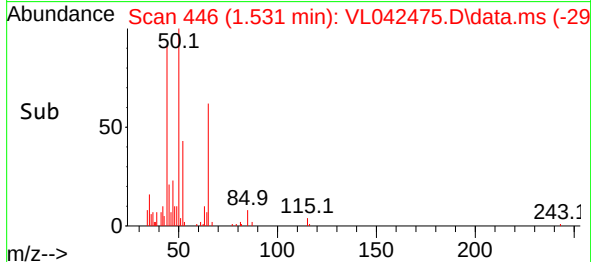
Instrument :
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ClientSampleId :
EBR-P03-SC-SS01-20250428



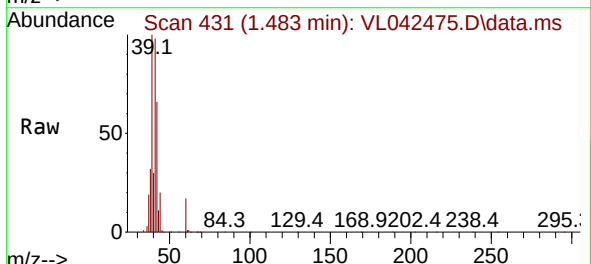
Tgt Ion: 50 Resp: 3569
Ion Ratio Lower Upper
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52 41.5 23.5 35.3

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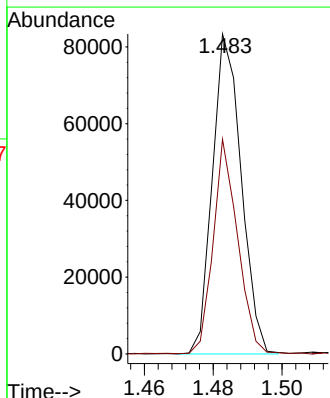
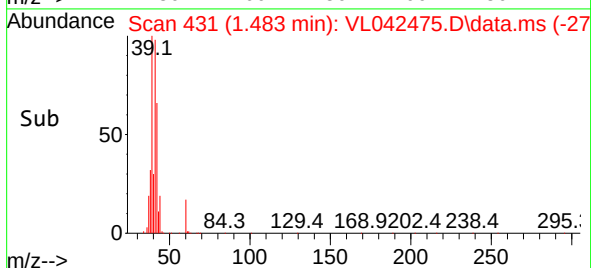
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

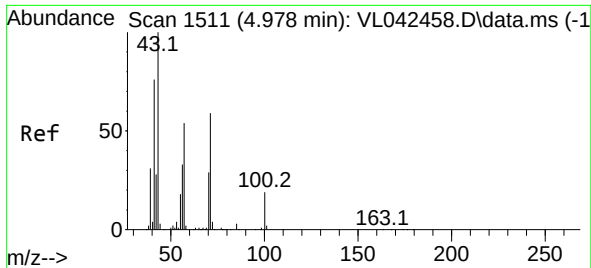


#9
Propene
Concen: 11.016 ppbv
RT: 1.483 min Scan# 431
Delta R.T. 0.000 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44



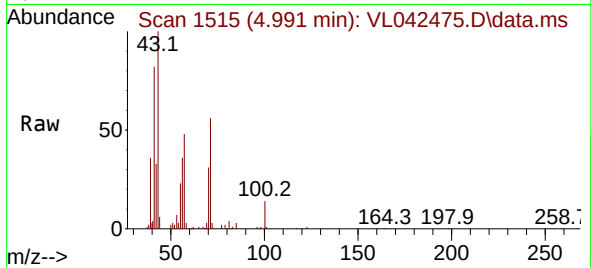
Tgt Ion: 41 Resp: 48486
Ion Ratio Lower Upper
41 100
42 57.5 54.3 81.5





#10
Heptane
Concen: 5.239 ppbv
RT: 4.991 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44

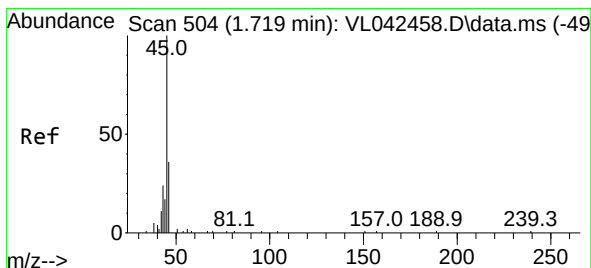
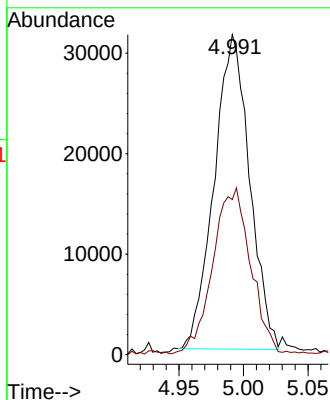
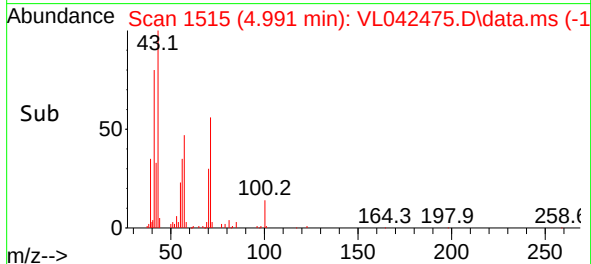
Instrument :
MSVOA_L
ClientSampleId :
EBR-P03-SC-SS01-20250428



Tgt Ion: 43 Resp: 59810
Ion Ratio Lower Upper
43 100
57 58.6 41.8 62.8

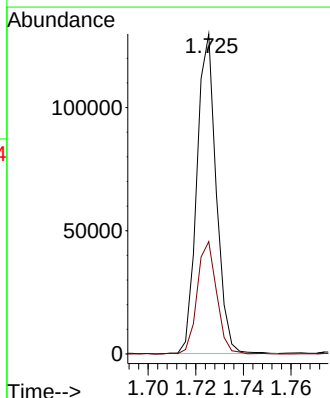
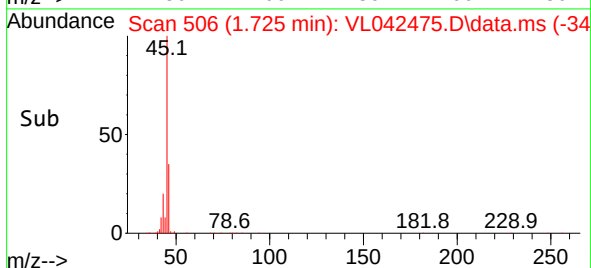
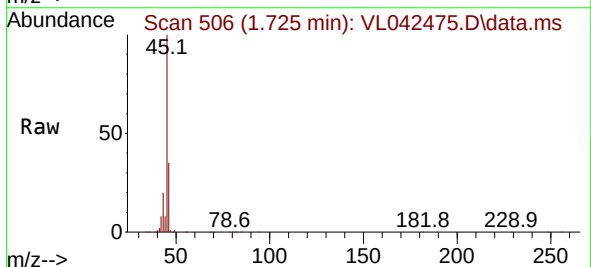
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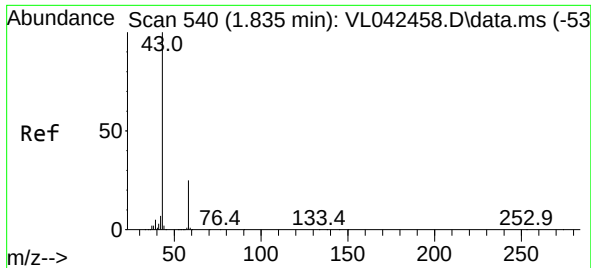
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#13
Ethanol
Concen: 81.939 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.007 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44

Tgt Ion: 45 Resp: 73185
Ion Ratio Lower Upper
45 100
46 35.7 15.3 61.1





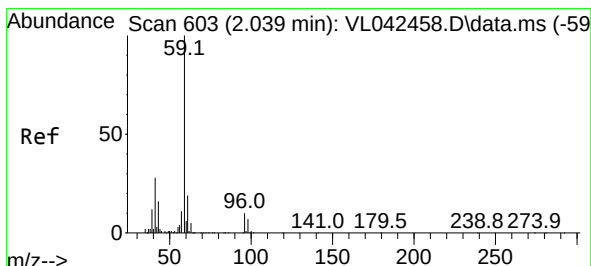
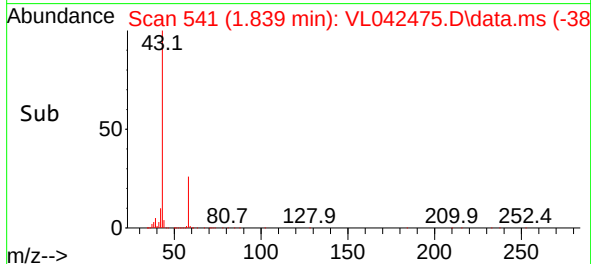
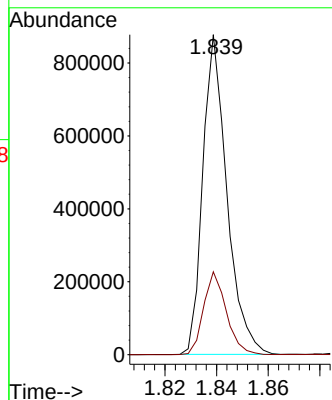
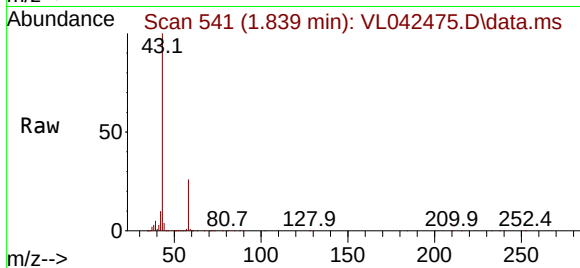
#15
Acetone
Concen: 40.557 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44

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

Tgt Ion: 43 Resp: 56940
Ion Ratio Lower Upper
43 100
58 24.6 19.8 29.8

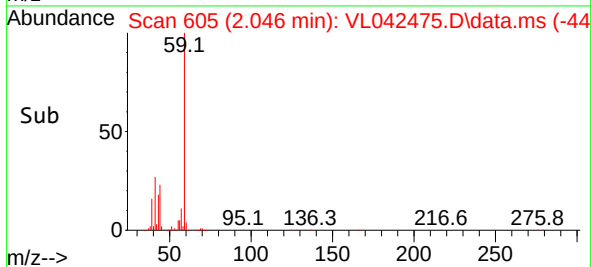
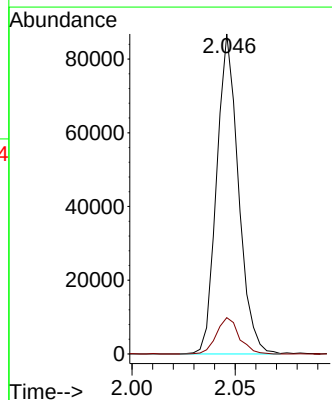
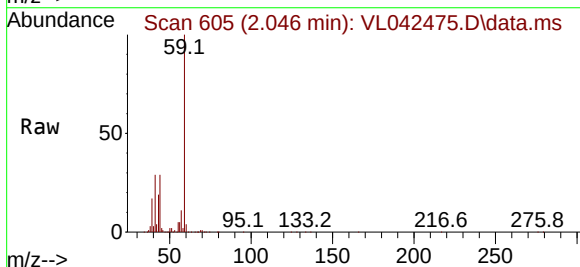
Manual Integrations
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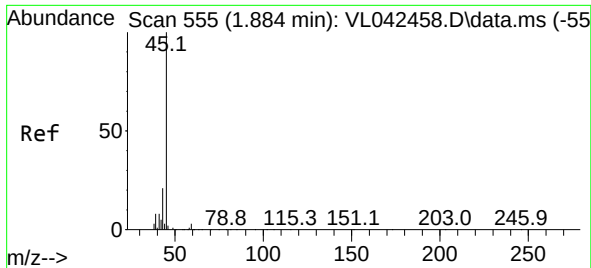
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#17
tert-Butyl alcohol
Concen: 5.148 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.007 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44

Tgt Ion: 59 Resp: 63678
Ion Ratio Lower Upper
59 100
57 11.8 8.3 12.5





#19

Isopropyl Alcohol

Concen: 3.093 ppbv

RT: 1.891 min Scan# 511

Delta R.T. 0.007 min

Lab File: VL042475.D

Acq: 05 May 2025 14:44

Instrument :

MSVOA_L

ClientSampleId :

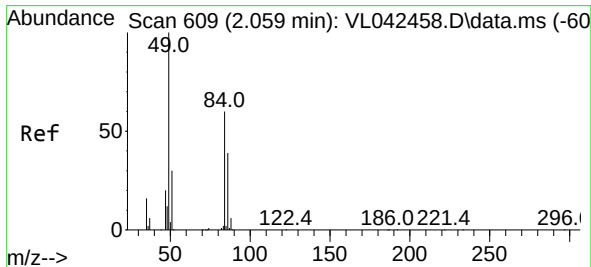
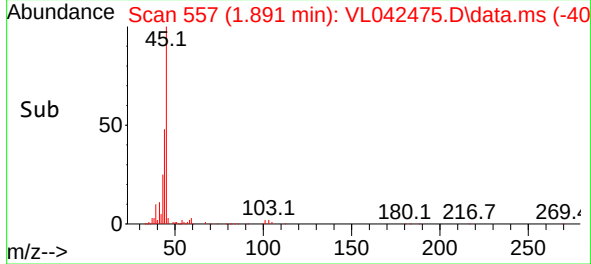
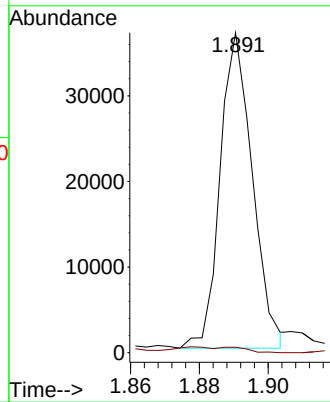
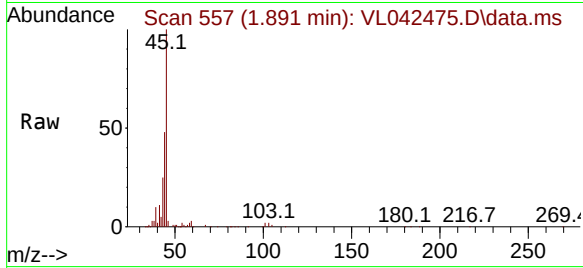
EBR-P03-SC-SS01-20250428

Tgt Ion: 45 Resp: 2403
 Ion Ratio Lower Upper
 45 100
 58 583.6 1.6 2.4

Manual Integrations

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



#20

Methylene Chloride

Concen: 1.122 ppbv

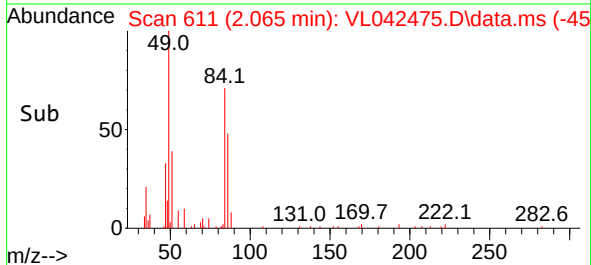
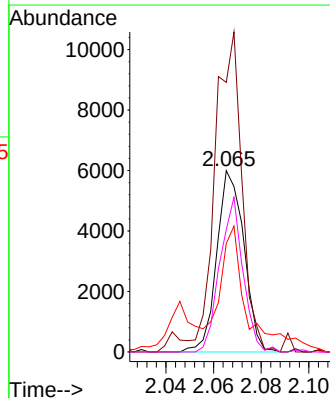
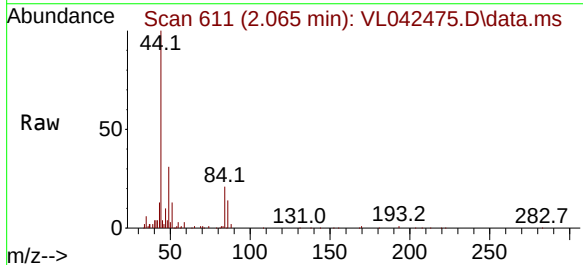
RT: 2.065 min Scan# 611

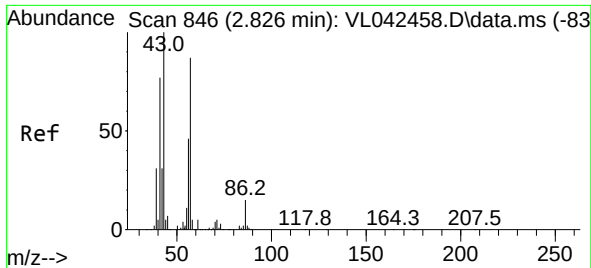
Delta R.T. 0.007 min

Lab File: VL042475.D

Acq: 05 May 2025 14:44

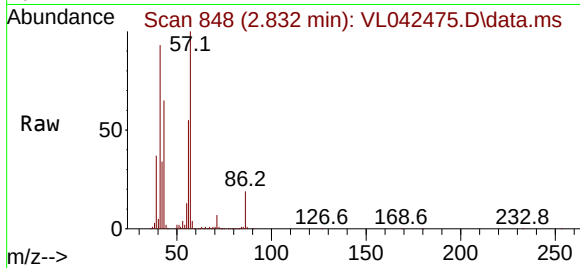
Tgt Ion: 84 Resp: 4735
 Ion Ratio Lower Upper
 84 100
 49 148.7 133.9 200.9
 51 49.8 41.0 61.6
 86 67.5 51.9 77.9





#26
Hexane
Concen: 15.965 ppbv
RT: 2.832 min Scan# 846
Delta R.T. 0.007 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44

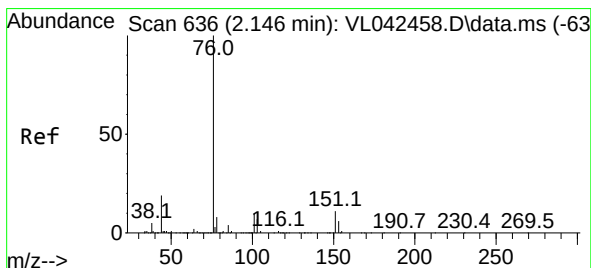
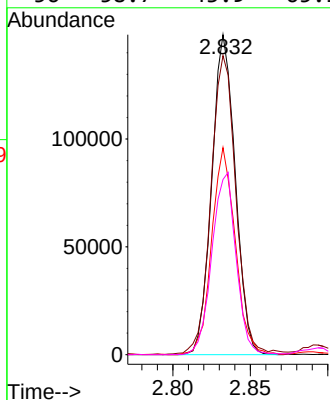
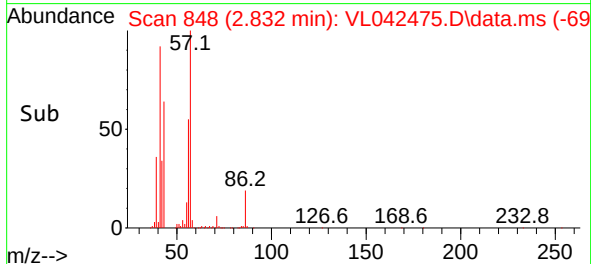
Instrument :
MSVOA_L
ClientSampleId :
EBR-P03-SC-SS01-20250428



Tgt Ion: 57 Resp: 15635
Ion Ratio Lower Upper
57 100
41 100.1 77.8 116.8
43 65.0 187.0 280.6
56 58.7 43.9 65.9

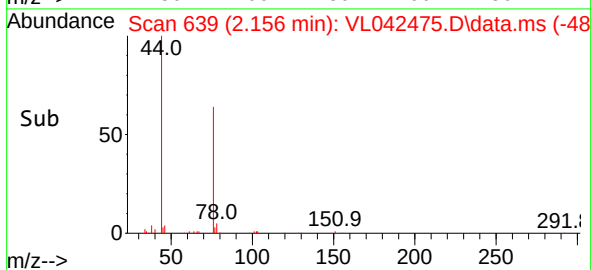
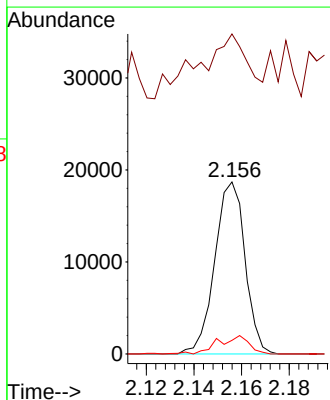
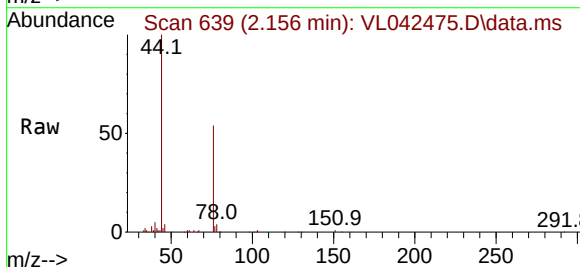
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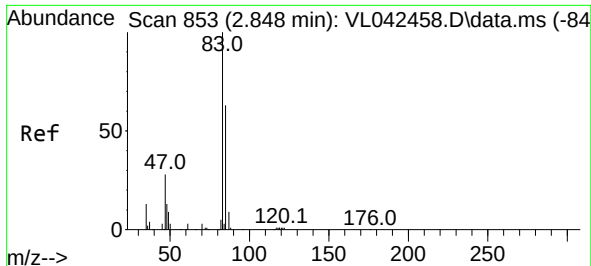
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#27
Carbon Disulfide
Concen: 1.444 ppbv
RT: 2.156 min Scan# 639
Delta R.T. 0.010 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44

Tgt Ion: 76 Resp: 16500
Ion Ratio Lower Upper
76 100
44 824.5 21.0 31.6#
78 11.2 8.6 13.0





#29

Chloroform

Concen: 0.203 ppbv m

RT: 2.855 min Scan# 855

Delta R.T. 0.007 min

Lab File: VL042475.D

Acq: 05 May 2025 14:44

Instrument :

MSVOA_L

ClientSampleId :

EBR-P03-SC-SS01-20250428

Tgt Ion: 83 Resp: 3718

Ion Ratio Lower Upper

83 100

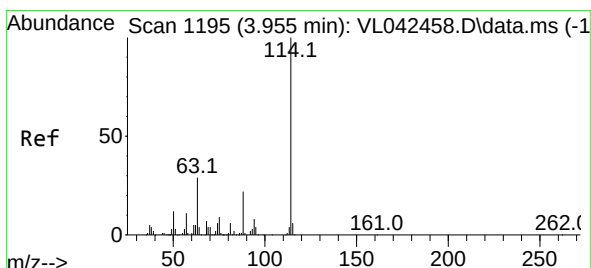
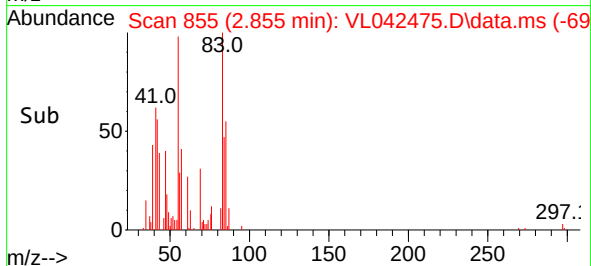
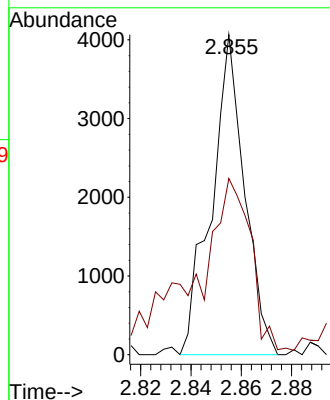
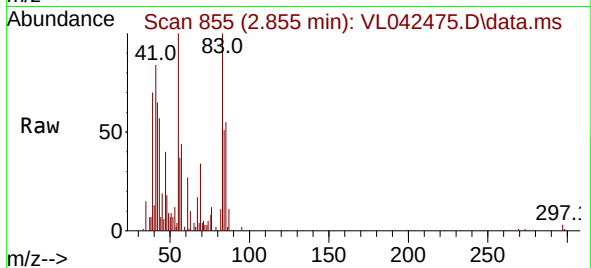
85 55.0 50.4 75.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.013 min

Lab File: VL042475.D

Acq: 05 May 2025 14:44

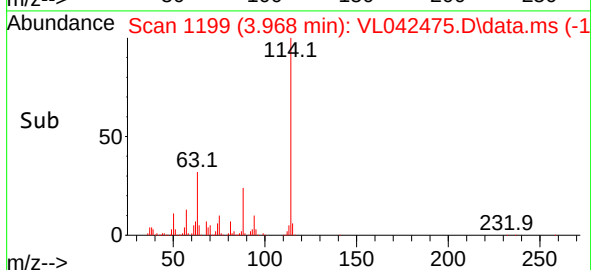
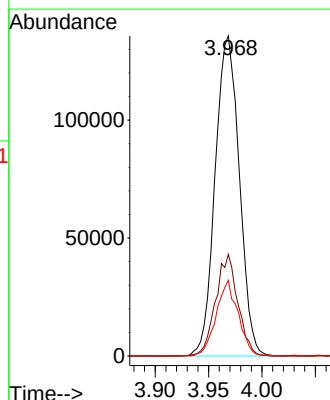
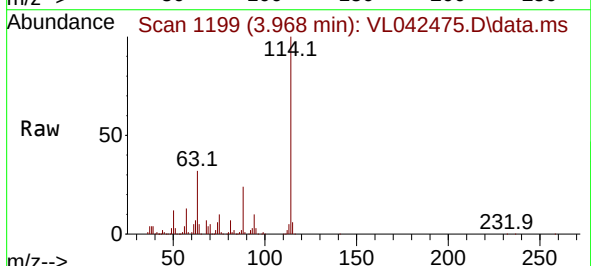
Tgt Ion:114 Resp: 213607

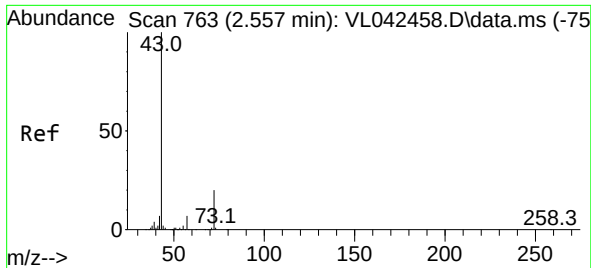
Ion Ratio Lower Upper

114 100

63 29.2 23.1 34.7

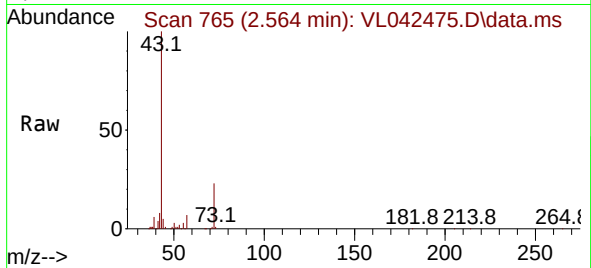
88 21.4 16.1 24.1





#34
2-Butanone
Concen: 2.103 ppbv
RT: 2.564 min Scan# 764
Delta R.T. 0.007 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44

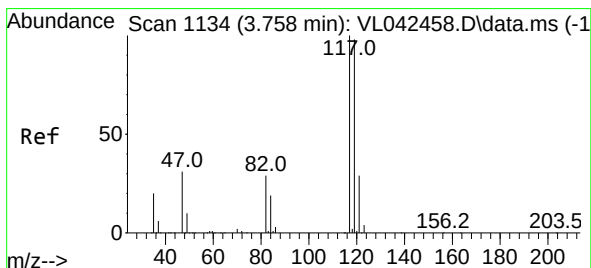
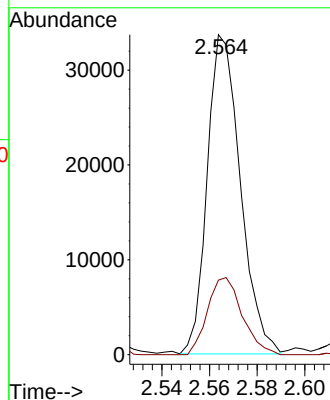
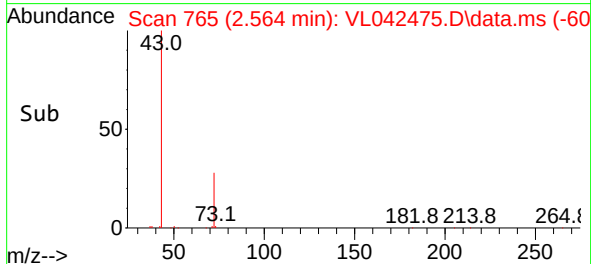
Instrument :
MSVOA_L
ClientSampleId :
EBR-P03-SC-SS01-20250428



Tgt Ion: 43 Resp: 32498
Ion Ratio Lower Upper
43 100
72 25.3 16.7 25.1

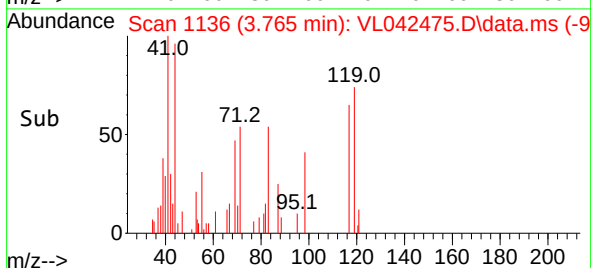
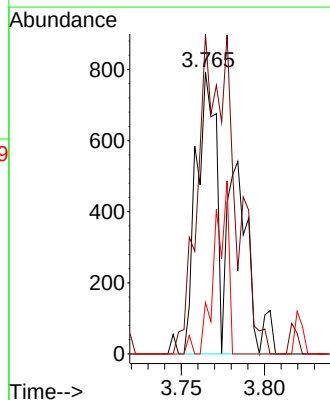
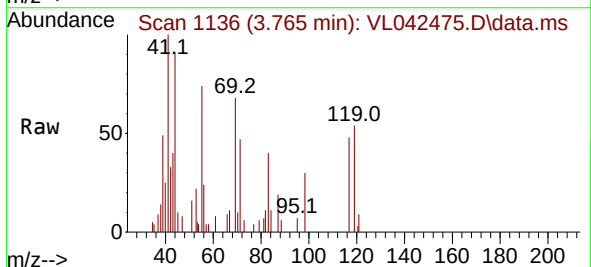
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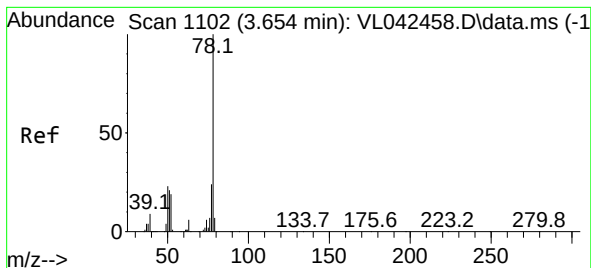
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#35
Carbon Tetrachloride
Concen: 0.058 ppbv m
RT: 3.765 min Scan# 1136
Delta R.T. 0.007 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44

Tgt Ion:117 Resp: 1131
Ion Ratio Lower Upper
117 100
119 113.5 78.1 117.1
121 18.3 23.0 34.6





#36

Benzene

Concen: 0.564 ppbv

RT: 3.664 min Scan# 1105

Delta R.T. 0.010 min

Lab File: VL042475.D

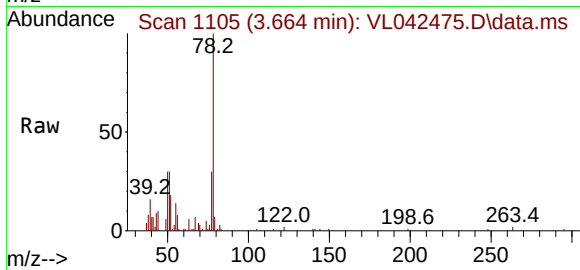
Acq: 05 May 2025 14:44

Instrument :

MSVOA_L

ClientSampleId :

EBR-P03-SC-SS01-20250428

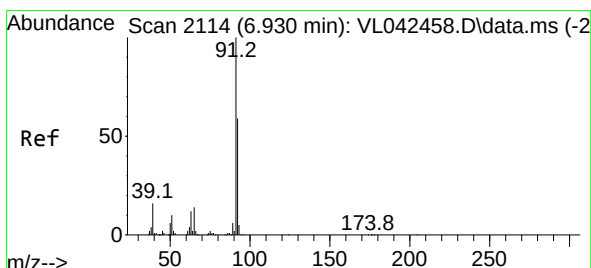
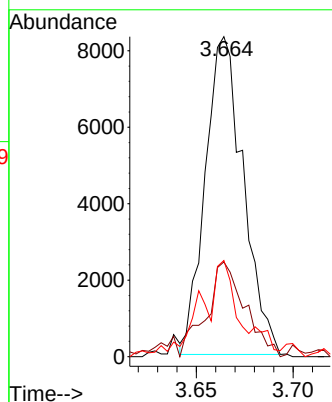
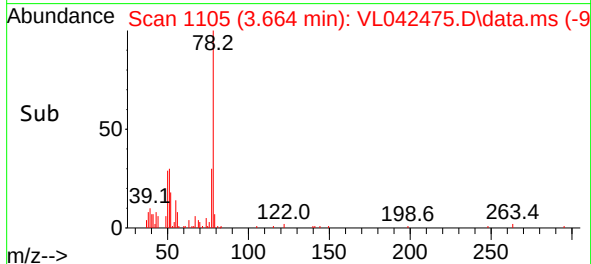


Tgt Ion: 78	Resp: 11360
Ion Ratio	Lower Upper
78	100
77	29.8 18.9 28.3
50	28.4 18.4 27.6

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



#53

Toluene

Concen: 0.730 ppbv m

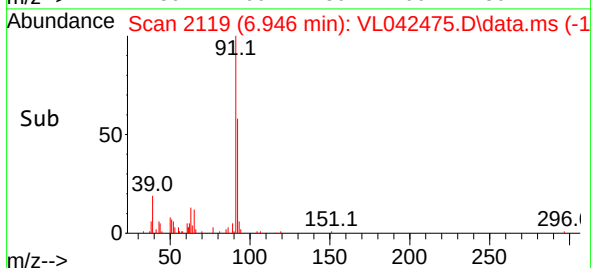
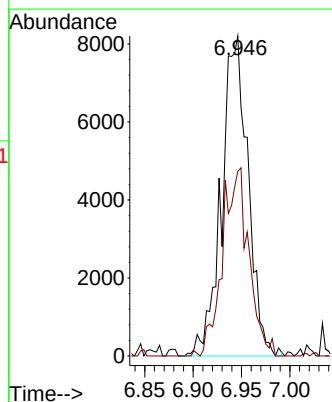
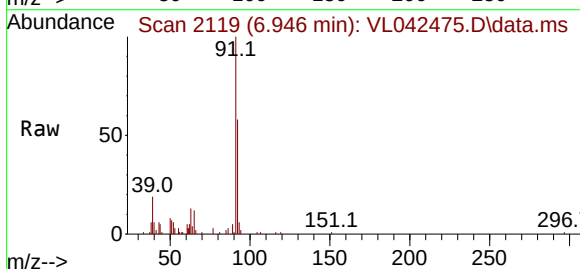
RT: 6.946 min Scan# 2119

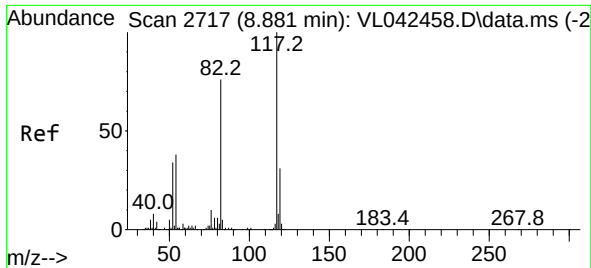
Delta R.T. 0.016 min

Lab File: VL042475.D

Acq: 05 May 2025 14:44

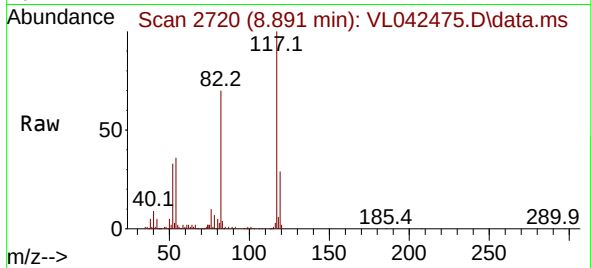
Tgt Ion: 91	Resp: 15576
Ion Ratio	Lower Upper
91	100
92	58.7 47.9 71.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44

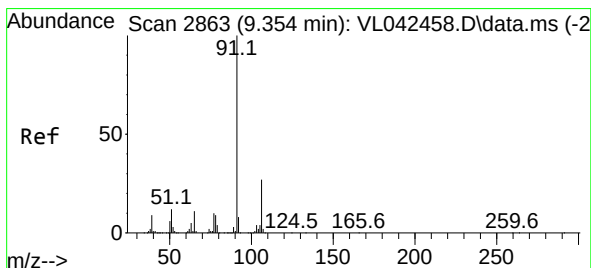
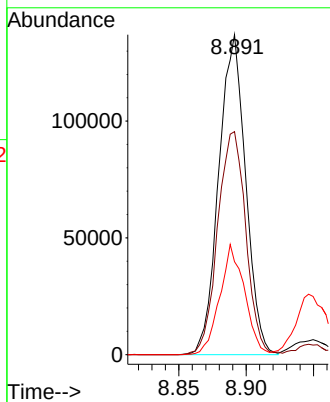
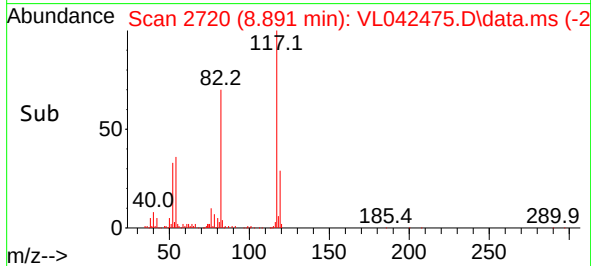
Instrument :
MSVOA_L
ClientSampleId :
EBR-P03-SC-SS01-20250428



Tgt Ion: 117 Resp: 19016
Ion Ratio Lower Upper
117 100
82 72.8 63.5 95.3
119 32.1 25.8 38.8

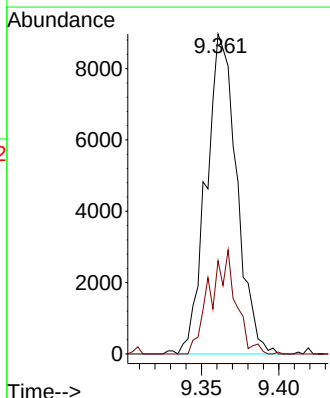
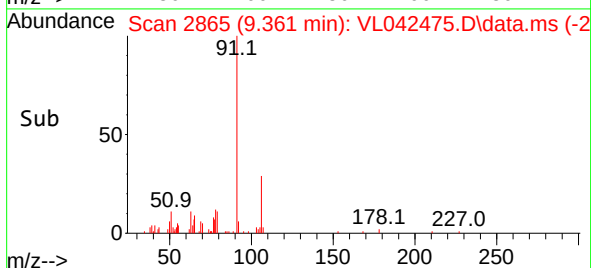
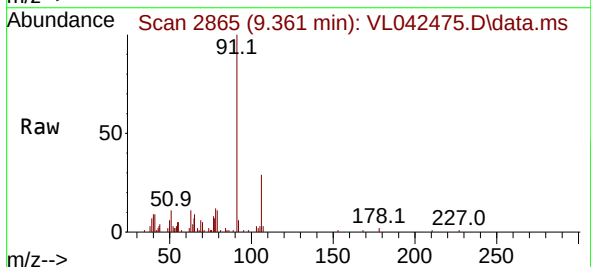
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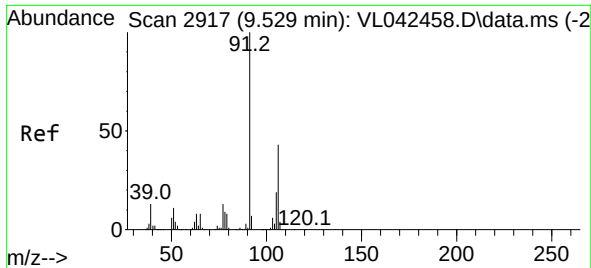
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#58
Ethyl Benzene
Concen: 0.386 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.007 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44

Tgt Ion: 91 Resp: 12254
Ion Ratio Lower Upper
91 100
106 29.1 21.9 32.9





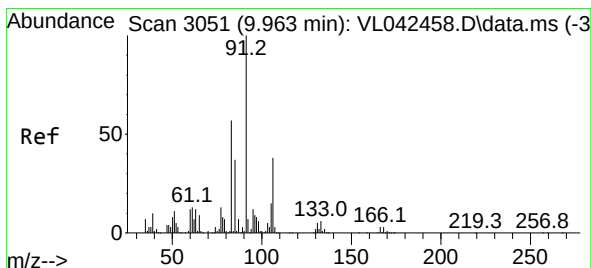
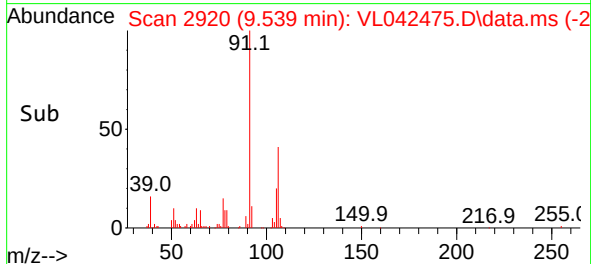
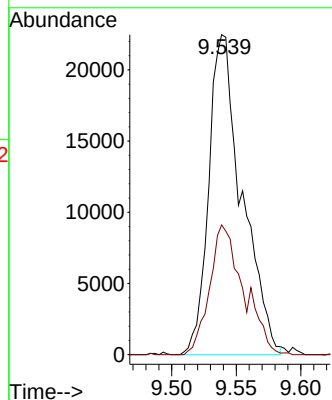
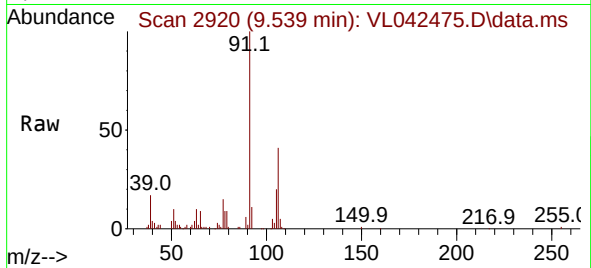
#59
m/p-Xylene
Concen: 1.513 ppbv
RT: 9.539 min Scan# 2917
Delta R.T. 0.010 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44

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

Tgt Ion: 91 Resp: 4030
Ion Ratio Lower Upper
91 100
106 41.4 34.2 51.2

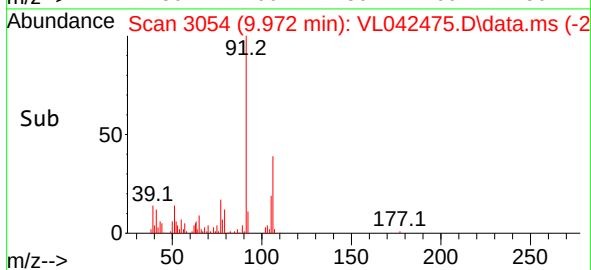
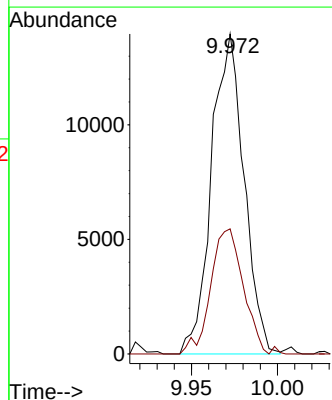
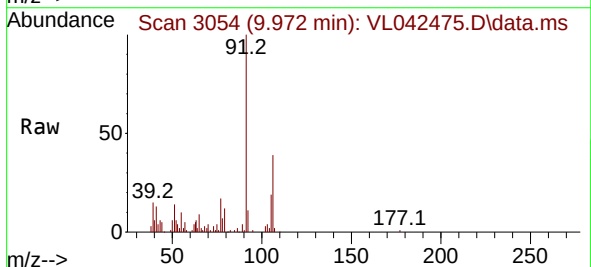
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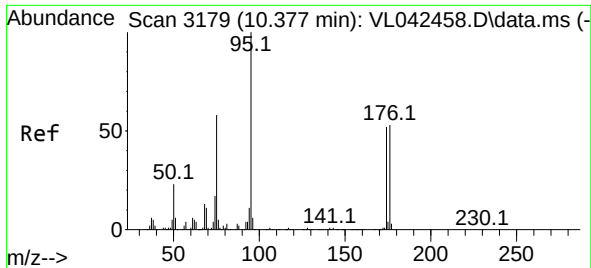
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#60
o-Xylene
Concen: 0.688 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.010 min
Lab File: VL042475.D
Acq: 05 May 2025 14:44

Tgt Ion: 91 Resp: 18356
Ion Ratio Lower Upper
91 100
106 39.5 20.1 60.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.057 ppbv
 RT: 10.383 min Scan# 3179
 Delta R.T. 0.007 min
 Lab File: VL042475.D
 Acq: 05 May 2025 14:44

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

Tgt Ion: 95 Resp: 177304
 Ion Ratio Lower Upper
 95 100
 174 53.3 42.7 64.1
 175 4.2 3.6 5.4

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

