

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050525\
 Data File : VL042478.D
 Acq On : 05 May 2025 16:25
 Operator : SY/MD
 Sample : Q1927-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EBR-P06-SC-IA01-20250428DL

Manual Integrations
 APPROVED

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

Quant Time: May 06 01:43:16 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	70372	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	192593	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	162852	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	149493	9.901	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	1814m	0.156	ppbv	
9) Propene	1.489	41	1827	0.454	ppbv	84
13) Ethanol	1.725	45	4421m	5.410	ppbv	
15) Acetone	1.839	43	42736	3.327	ppbv	100
20) Methylene Chloride	2.062	84	2848	0.737	ppbv #	61
34) 2-Butanone	2.567	43	2262	0.162	ppbv	92
53) Toluene	6.946	91	2013m	0.105	ppbv	

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

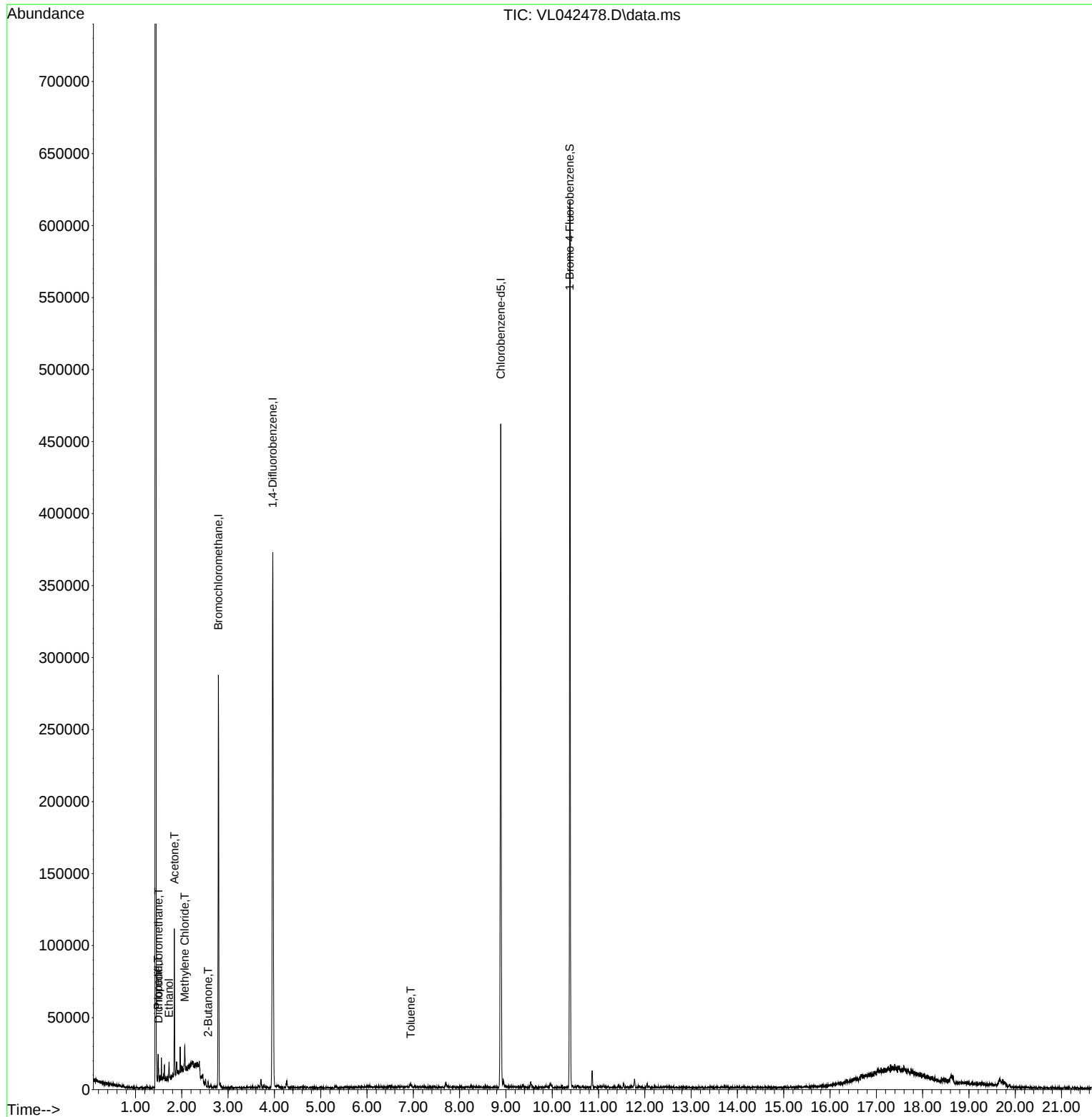
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050525\
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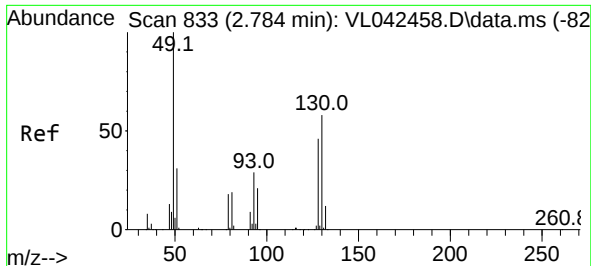
Instrument :
MSVOA_L
ClientSampleId :
EBR-P06-SC-IA01-20250428DL

Quant Time: May 06 01:43:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
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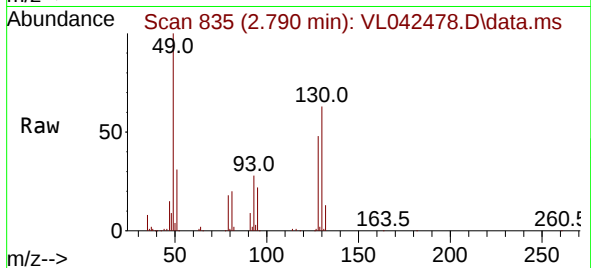
Reviewed By : Semsettin Yesilyurt 05/06/2025
Supervised By : Mahesh Dadoda 05/06/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042478.D
Acq: 05 May 2025 16:25

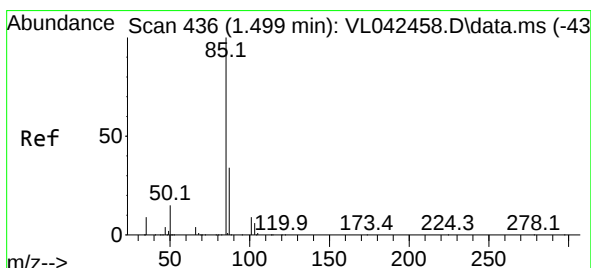
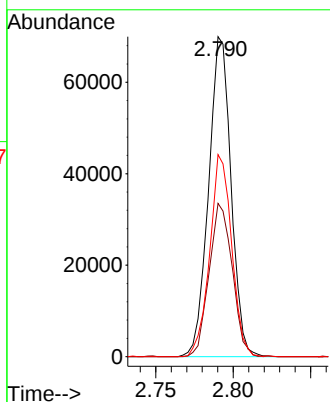
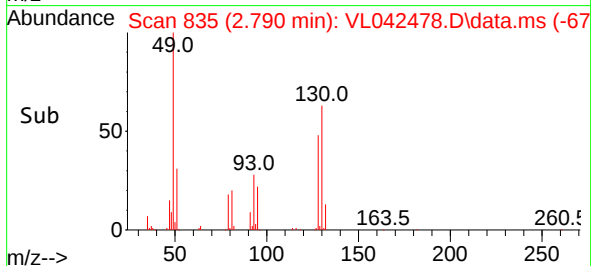
Instrument :
MSVOA_L
ClientSampleId :
EBR-P06-SC-IA01-20250428DL



Tgt Ion: 49 Resp: 70372
Ion Ratio Lower Upper
49 100
128 49.5 23.3 69.9
130 61.8 29.5 88.6

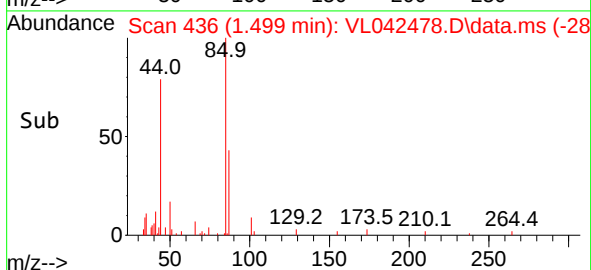
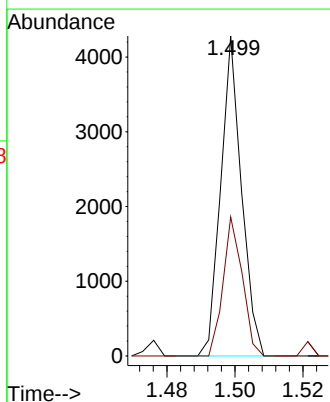
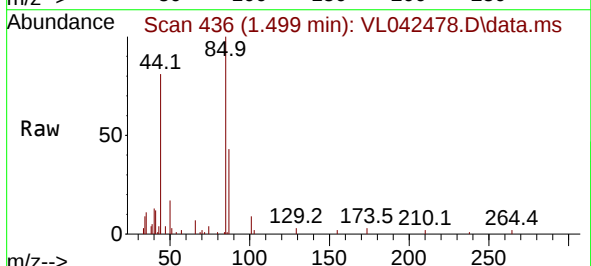
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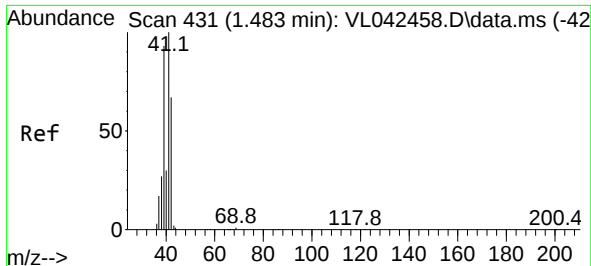
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#2
Dichlorodifluoromethane
Concen: 0.156 ppbv m
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042478.D
Acq: 05 May 2025 16:25

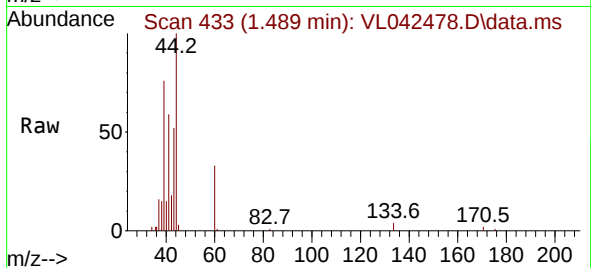
Tgt Ion: 85 Resp: 1814
Ion Ratio Lower Upper
85 100
87 43.5 26.9 40.3#





#9
Propene
Concen: 0.454 ppbv
RT: 1.489 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL042478.D
Acq: 05 May 2025 16:25

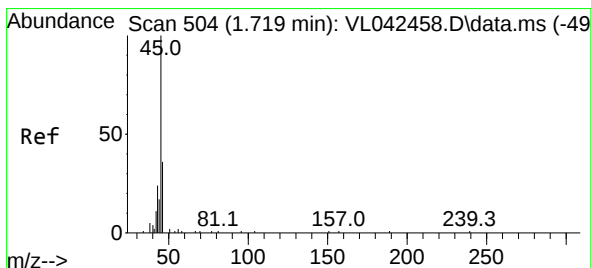
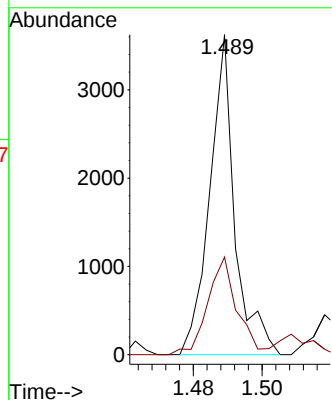
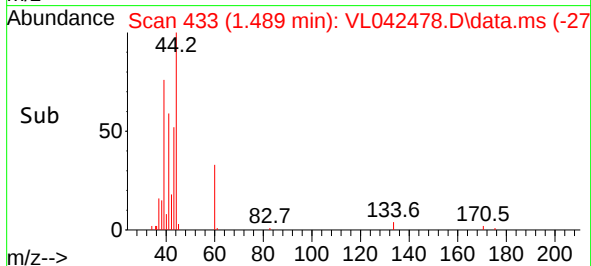
Instrument :
MSVOA_L
ClientSampleId :
EBR-P06-SC-IA01-20250428DL



Tgt Ion: 41 Resp: 182
Ion Ratio Lower Upper
41 100
42 55.2 54.3 81.5

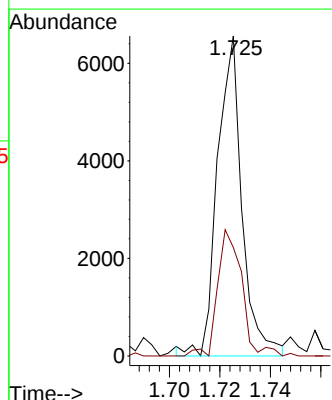
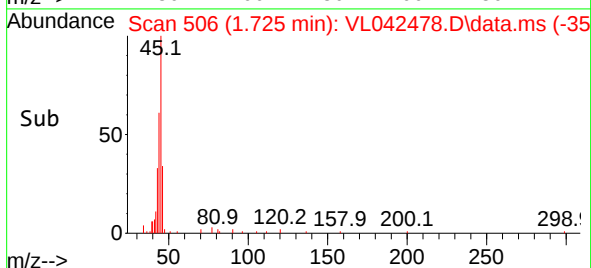
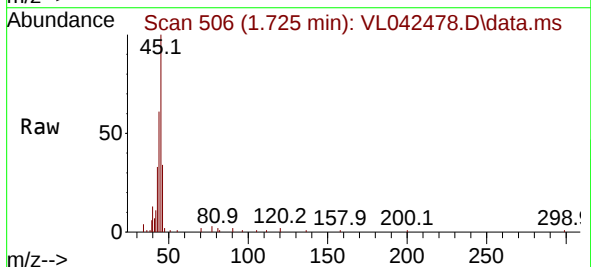
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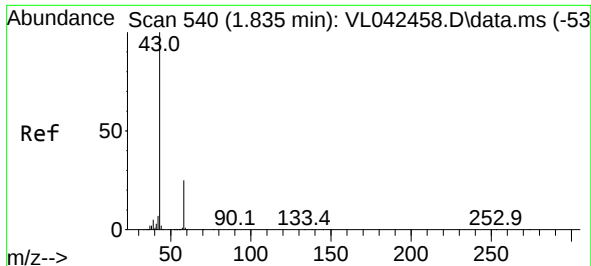
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#13
Ethanol
Concen: 5.410 ppbv m
RT: 1.725 min Scan# 506
Delta R.T. 0.007 min
Lab File: VL042478.D
Acq: 05 May 2025 16:25

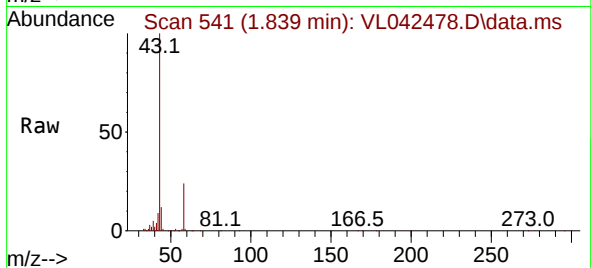
Tgt Ion: 45 Resp: 4421
Ion Ratio Lower Upper
45 100
46 5059.1 15.3 61.1#





#15
Acetone
Concen: 3.327 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042478.D
Acq: 05 May 2025 16:25

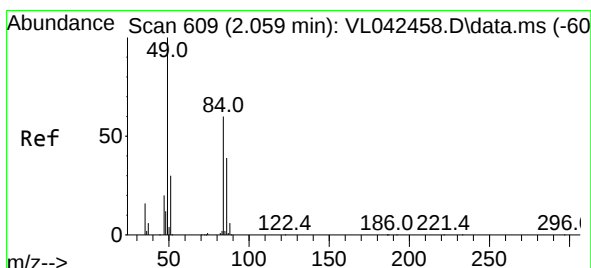
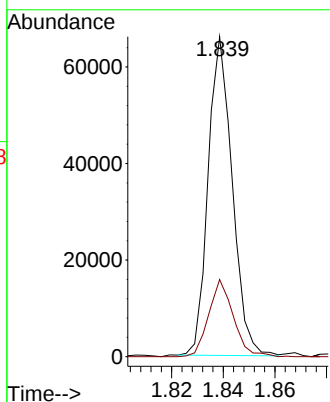
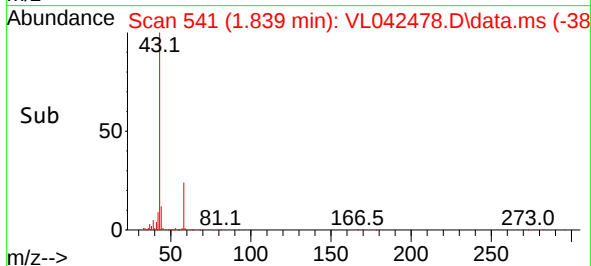
Instrument : MSVOA_L
ClientSampleId : EBR-P06-SC-IA01-20250428DL



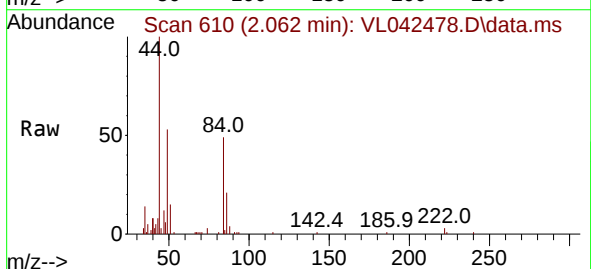
Tgt Ion: 43 Resp: 42730
Ion Ratio Lower Upper
43 100
58 24.8 19.8 29.8

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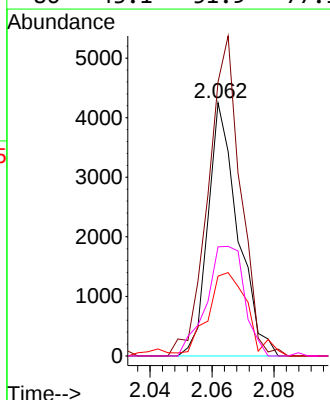
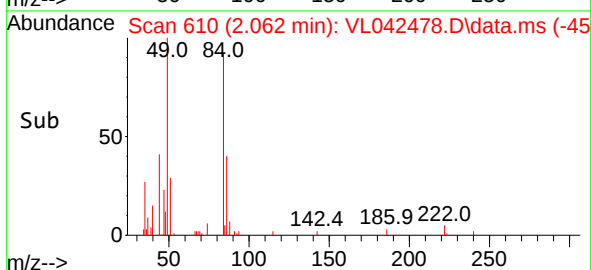
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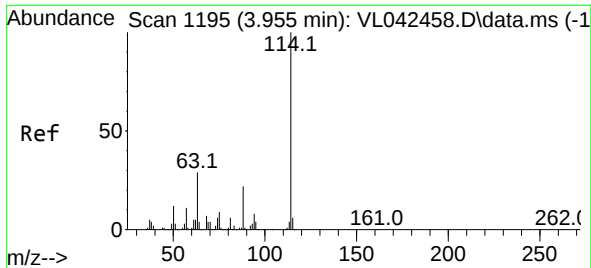


#20
Methylene Chloride
Concen: 0.737 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042478.D
Acq: 05 May 2025 16:25



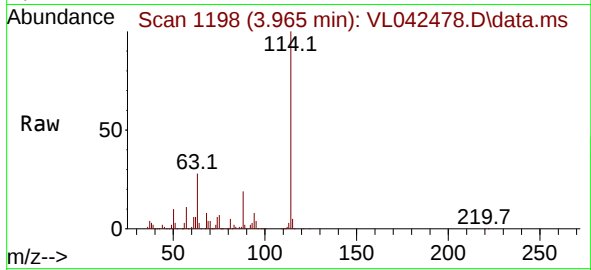
Tgt Ion: 84 Resp: 2848
Ion Ratio Lower Upper
84 100
49 105.5 133.9 200.9#
51 30.3 41.0 61.6#
86 43.1 51.9 77.9#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1195
Delta R.T. 0.010 min
Lab File: VL042478.D
Acq: 05 May 2025 16:25

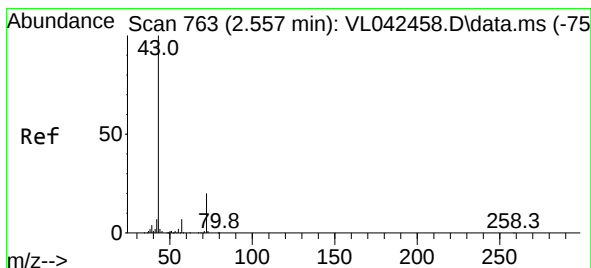
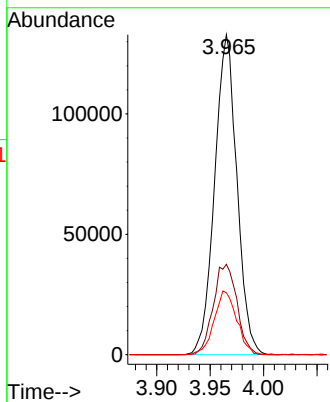
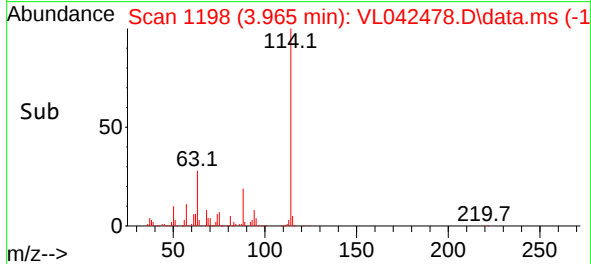
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ClientSampleId :
EBR-P06-SC-IA01-20250428DL



Tgt Ion:114 Resp: 19259
Ion Ratio Lower Upper
114 100
63 30.0 23.1 34.7
88 20.2 16.1 24.1

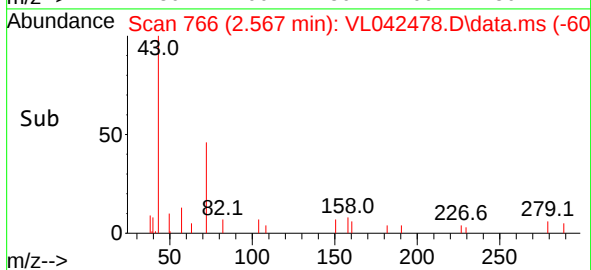
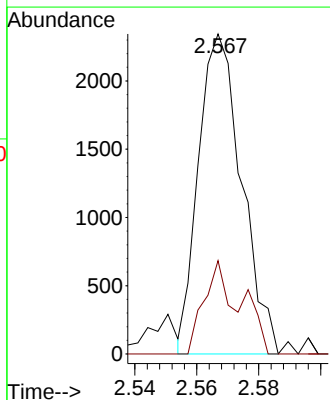
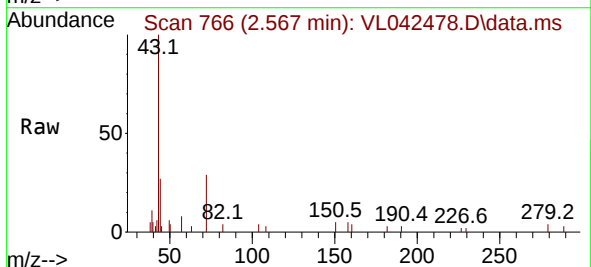
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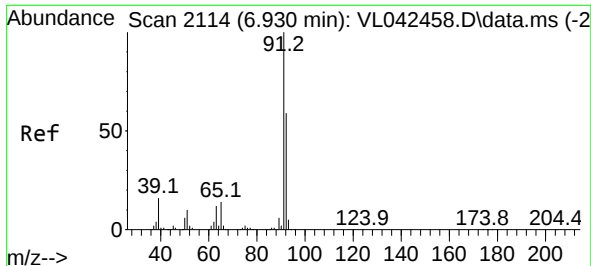
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#34
2-Butanone
Concen: 0.162 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.010 min
Lab File: VL042478.D
Acq: 05 May 2025 16:25

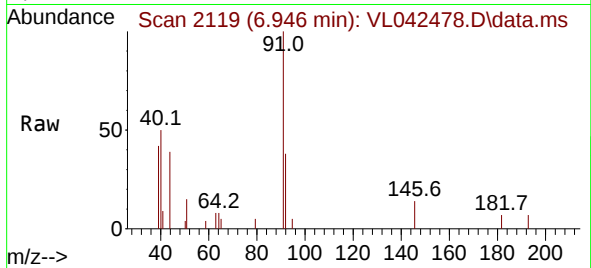
Tgt Ion: 43 Resp: 2262
Ion Ratio Lower Upper
43 100
72 24.5 16.7 25.1





#53
Toluene
Concen: 0.105 ppbv m
RT: 6.946 min Scan# 2114
Delta R.T. 0.016 min
Lab File: VL042478.D
Acq: 05 May 2025 16:25

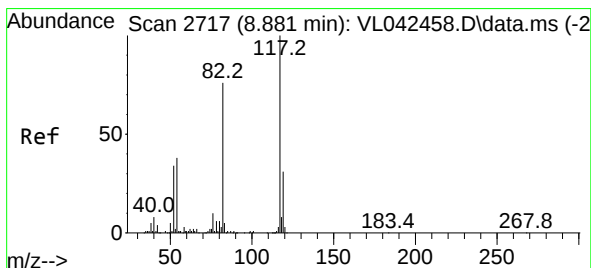
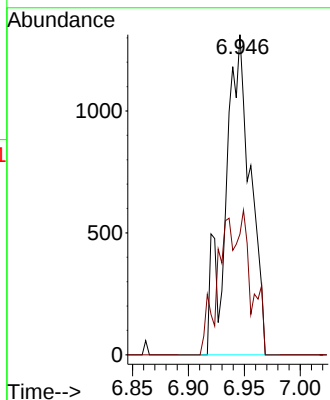
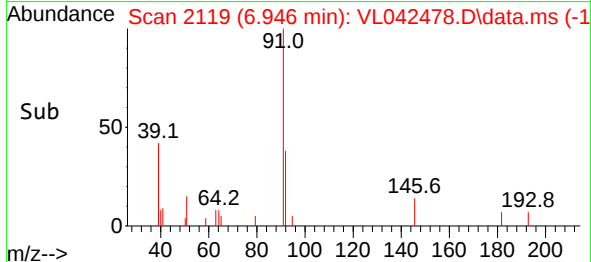
Instrument : MSVOA_L
ClientSampleId : EBR-P06-SC-IA01-20250428DL



Tgt Ion: 91 Resp: 201
Ion Ratio Lower Upper
91 100
92 56.7 47.9 71.9

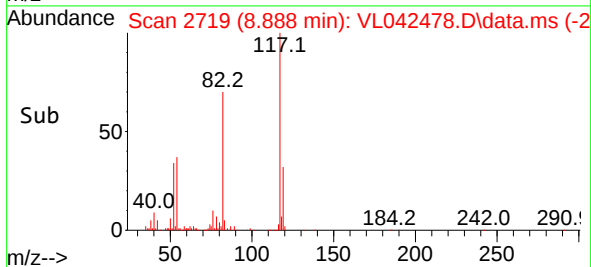
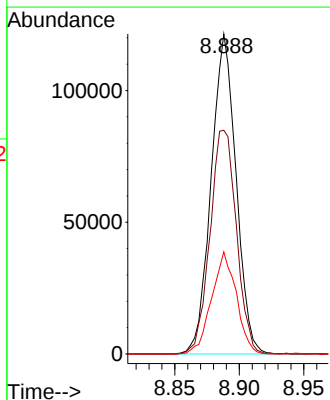
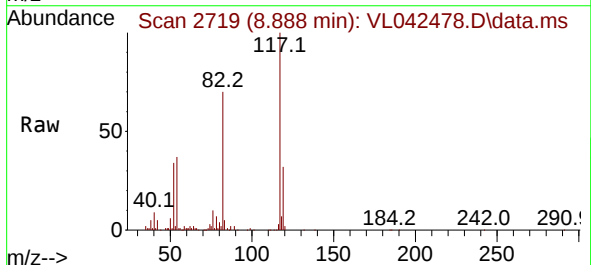
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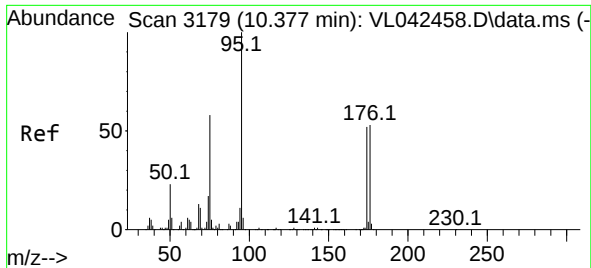
Reviewed By :Semsettin Yesilyurt 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.007 min
Lab File: VL042478.D
Acq: 05 May 2025 16:25

Tgt Ion:117 Resp: 162852
Ion Ratio Lower Upper
117 100
82 74.3 63.5 95.3
119 31.7 25.8 38.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.901 ppbv
 RT: 10.380 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VL042478.D
 Acq: 05 May 2025 16:25

Instrument :
 MSVOA_L
 ClientSampleId :
 EBR-P06-SC-IA01-20250428DL

Tgt Ion: 95 Resp: 14949
 Ion Ratio Lower Upper
 95 100
 174 53.3 42.7 64.1
 175 4.2 3.6 5.4

Manual Integrations
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