

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041525\
 Data File : VL042332.D
 Acq On : 15 Apr 2025 15:01
 Operator : SY/MD
 Sample : Q1665-10DL2 100X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B10-4-3242025DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025
 Supervised By :Mahesh Dadoda 04/16/2025

Quant Time: Apr 16 01:32:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.810	49	164444	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	3.998	114	385228	10.000	ppbv	0.05
55) Chlorobenzene-d5	8.917	117	327587	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.406	95	251001	9.330	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.300%
Target Compounds						
					Qvalue	
9) Propene	1.499	41	20713m	1.822	ppbv	
13) Ethanol	1.732	45	8531	7.938	ppbv	83
15) Acetone	1.848	43	26934	1.171	ppbv	95
19) Isopropyl Alcohol	1.900	45	55262	4.259	ppbv #	34
34) 2-Butanone	2.580	43	135118	4.837	ppbv	97

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

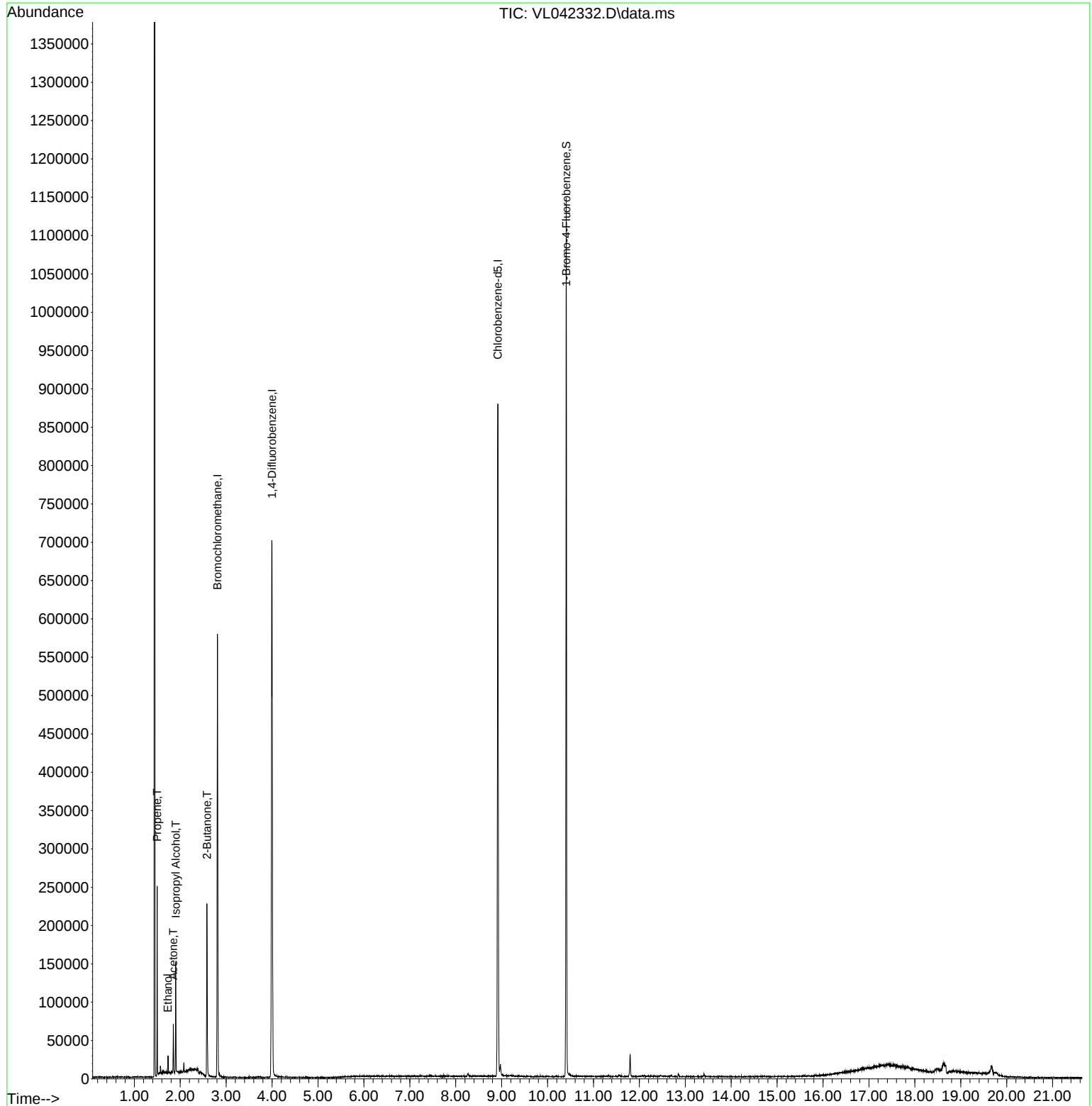
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041525\
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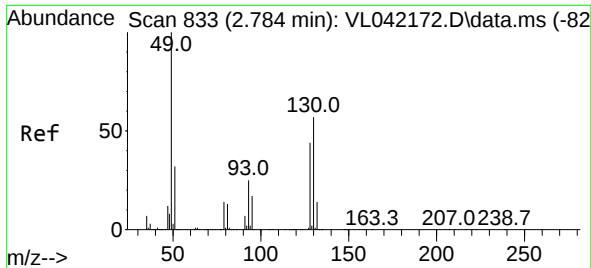
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Apr 16 01:32:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
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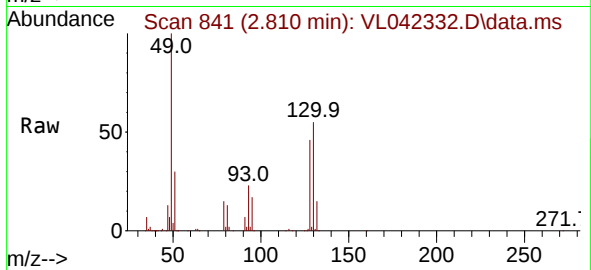
Reviewed By : Semsettin Yesilyurt 04/16/2025
Supervised By : Mahesh Dadoda 04/16/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.810 min Scan# 841
Delta R.T. 0.026 min
Lab File: VL042332.D
Acq: 15 Apr 2025 15:01

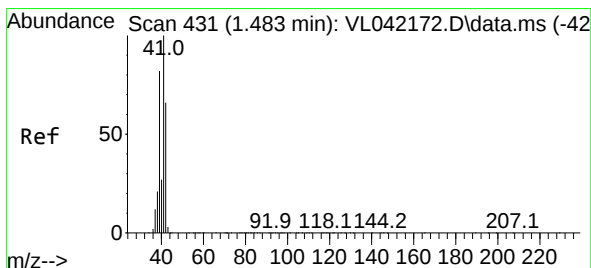
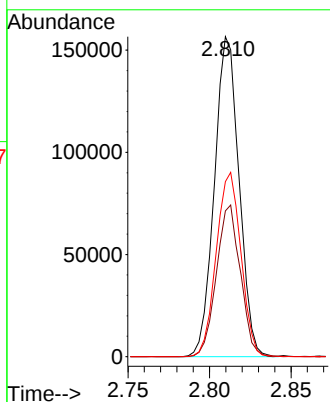
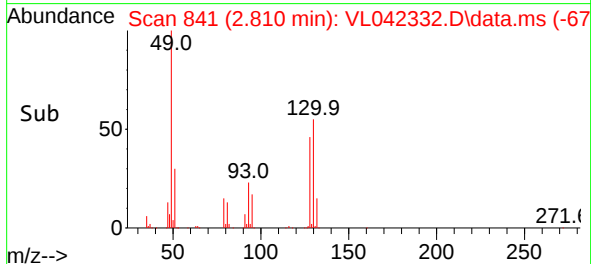
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-4-3242025DL2



Tgt Ion: 49 Resp: 16444
Ion Ratio Lower Upper
49 100
128 46.1 22.9 68.5
130 57.7 28.8 86.4

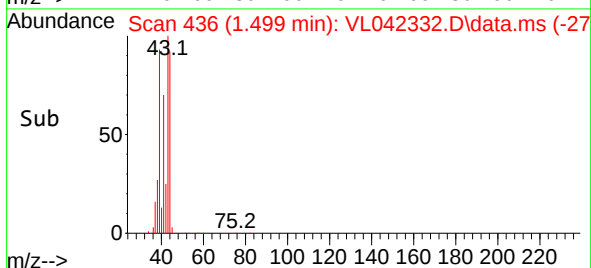
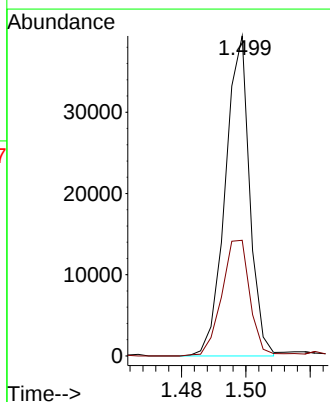
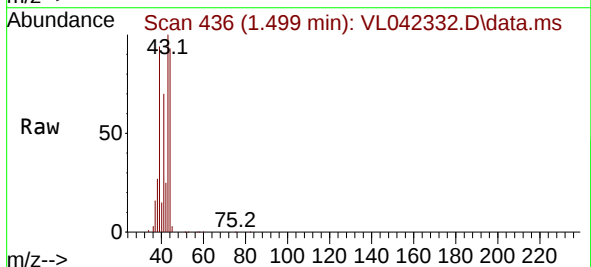
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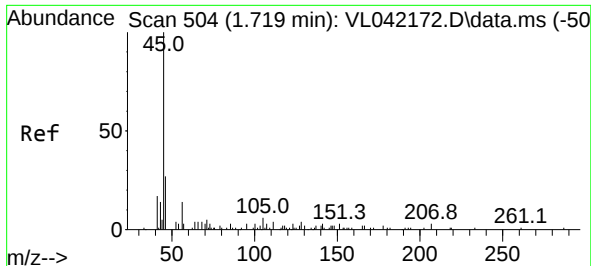
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/16/2025



#9
Propene
Concen: 1.822 ppbv m
RT: 1.499 min Scan# 436
Delta R.T. 0.016 min
Lab File: VL042332.D
Acq: 15 Apr 2025 15:01

Tgt Ion: 41 Resp: 20713
Ion Ratio Lower Upper
41 100
42 19.5 55.4 83.2#





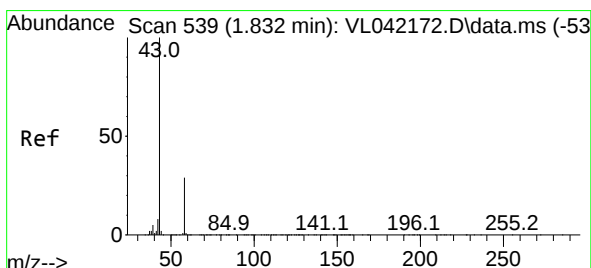
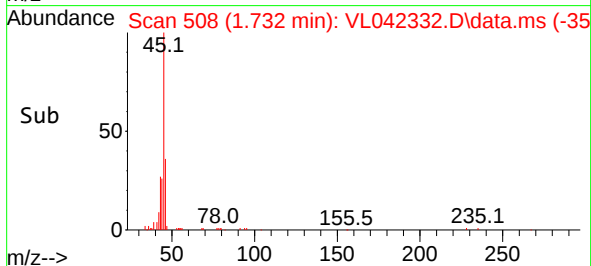
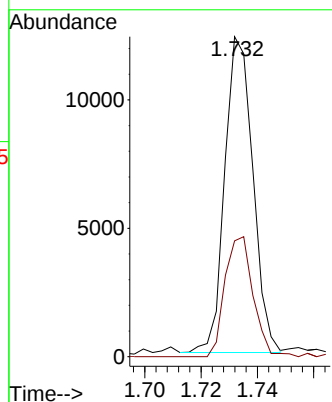
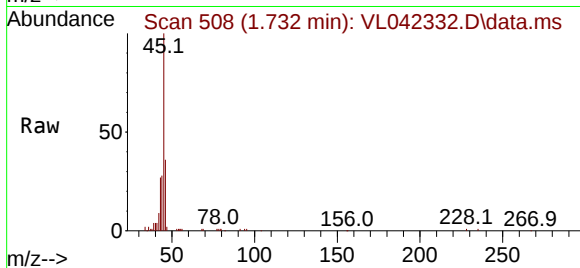
#13
Ethanol
Concen: 7.938 ppbv
RT: 1.732 min Scan# 508
Delta R.T. 0.013 min
Lab File: VL042332.D
Acq: 15 Apr 2025 15:01

Instrument :
MSVOA_L
ClientSampleId :
IA-B10-4-3242025DL2

Tgt Ion: 45 Resp: 853
Ion Ratio Lower Upper
45 100
46 39.0 20.2 80.8

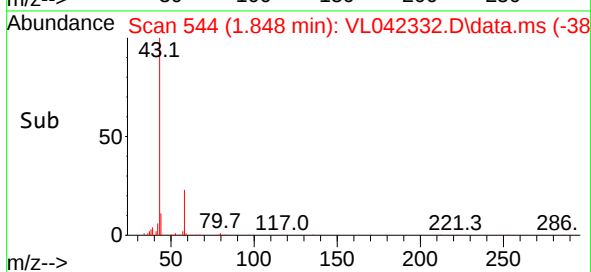
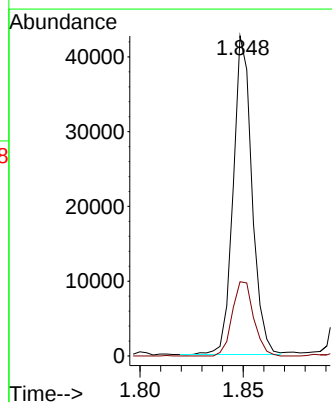
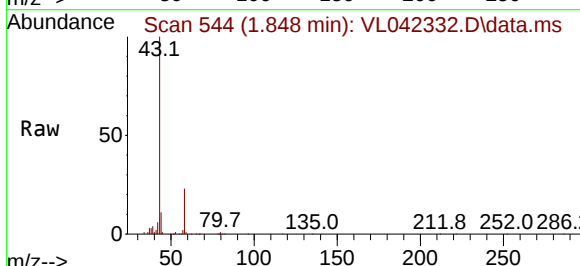
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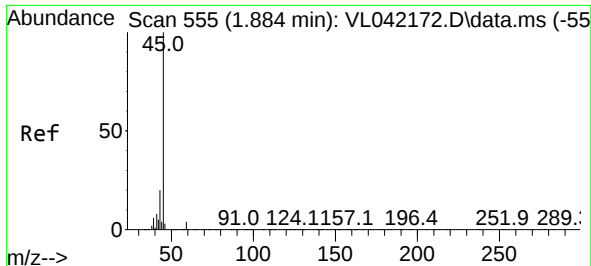
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/16/2025



#15
Acetone
Concen: 1.171 ppbv
RT: 1.848 min Scan# 544
Delta R.T. 0.016 min
Lab File: VL042332.D
Acq: 15 Apr 2025 15:01

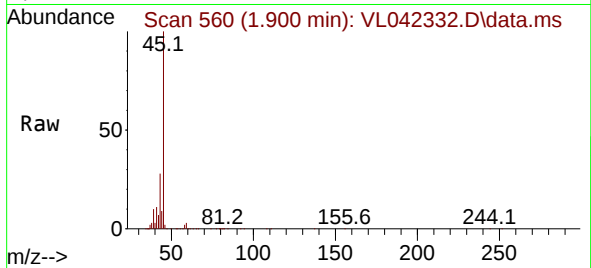
Tgt Ion: 43 Resp: 26934
Ion Ratio Lower Upper
43 100
58 26.6 23.2 34.8





#19
Isopropyl Alcohol
Concen: 4.259 ppbv
RT: 1.900 min Scan# 50
Delta R.T. 0.016 min
Lab File: VL042332.D
Acq: 15 Apr 2025 15:01

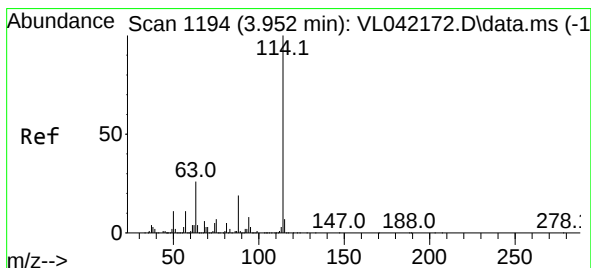
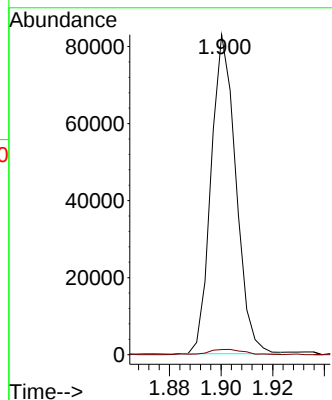
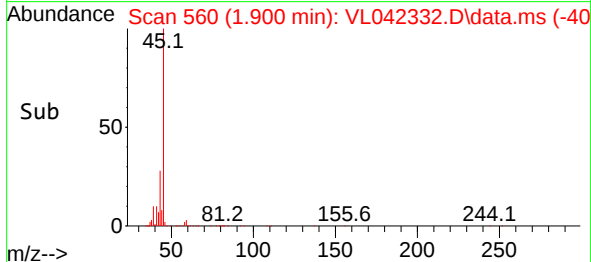
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-4-3242025DL2



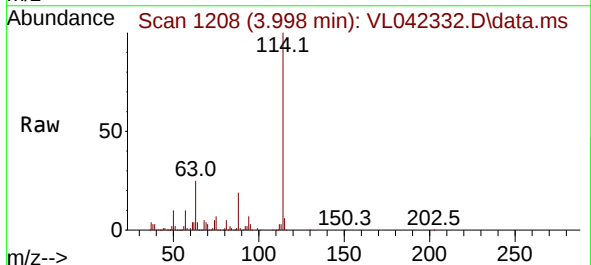
Tgt Ion: 45 Resp: 55262
Ion Ratio Lower Upper
45 100
58 2.5 36.9 55.3

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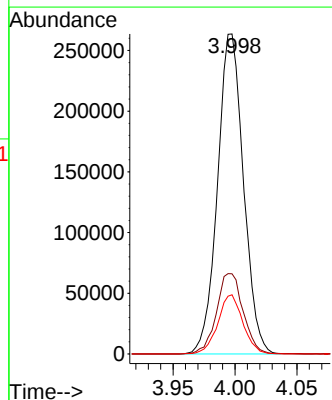
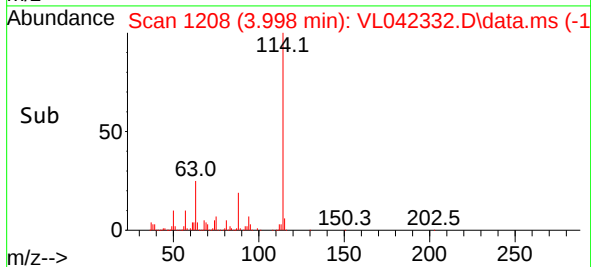
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Supervised By :Mahesh Dadoda 04/16/2025

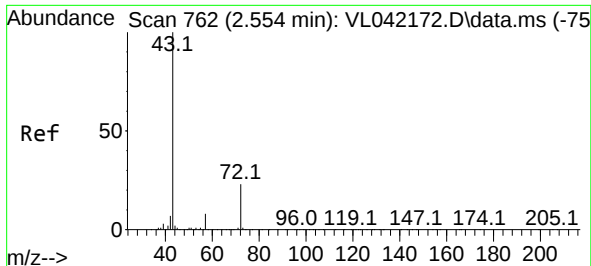


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.998 min Scan# 1208
Delta R.T. 0.045 min
Lab File: VL042332.D
Acq: 15 Apr 2025 15:01



Tgt Ion:114 Resp: 385228
Ion Ratio Lower Upper
114 100
63 25.9 20.7 31.1
88 17.9 15.0 22.4





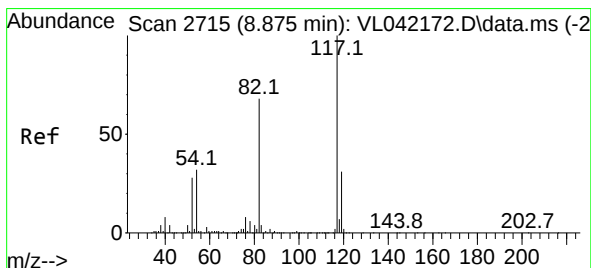
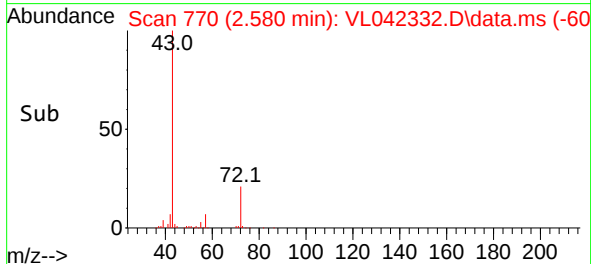
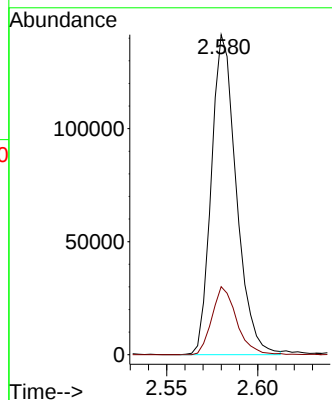
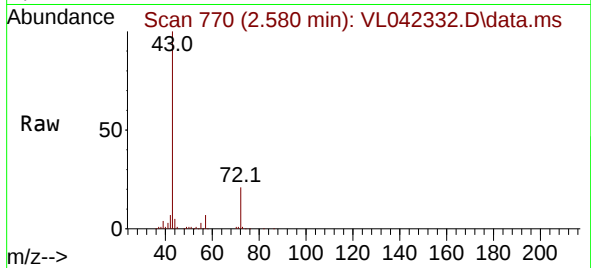
#34
2-Butanone
Concen: 4.837 ppbv
RT: 2.580 min Scan# 71
Delta R.T. 0.026 min
Lab File: VL042332.D
Acq: 15 Apr 2025 15:01

Instrument :
MSVOA_L
ClientSampleId :
IA-B10-4-3242025DL2

Tgt Ion: 43 Resp: 135118
Ion Ratio Lower Upper
43 100
72 21.0 18.2 27.2

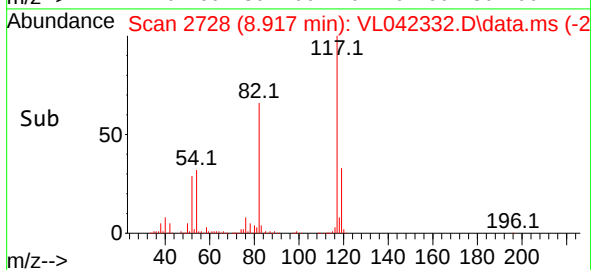
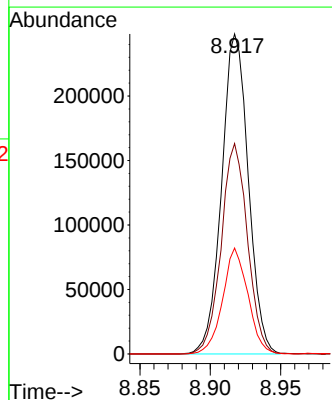
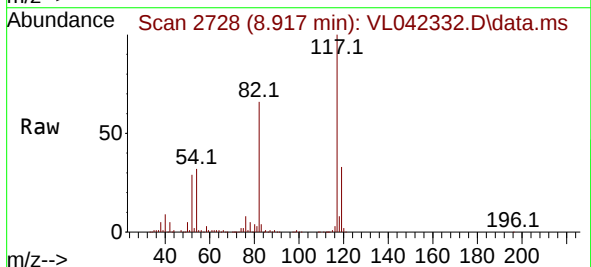
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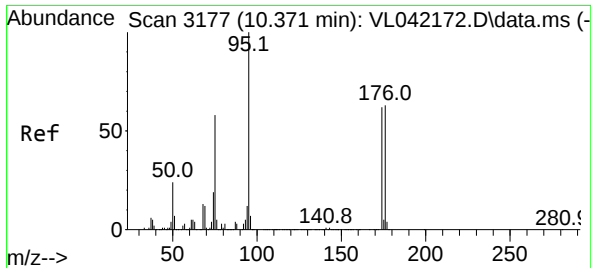
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/16/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.917 min Scan# 2728
Delta R.T. 0.042 min
Lab File: VL042332.D
Acq: 15 Apr 2025 15:01

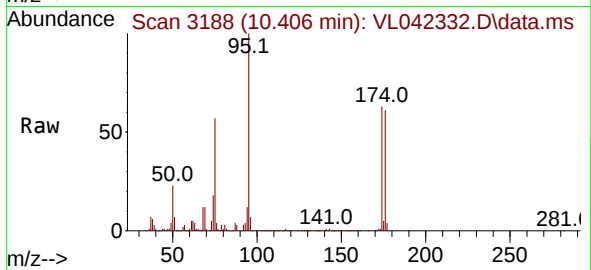
Tgt Ion:117 Resp: 327587
Ion Ratio Lower Upper
117 100
82 64.9 55.8 83.6
119 31.5 25.5 38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.330 ppbv
RT: 10.406 min Scan# 3177
Delta R.T. 0.035 min
Lab File: VL042332.D
Acq: 15 Apr 2025 15:01

Instrument :
MSVOA_L
ClientSampleId :
IA-B10-4-3242025DL2



Tgt Ion: 95 Resp: 251000
Ion Ratio Lower Upper
95 100
174 64.9 50.6 76.0
175 4.6 3.8 5.6

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