

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042360.D
 Acq On : 17 Apr 2025 16:44
 Operator : SY/MD
 Sample : Q1665-15DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B14-1-3242025DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 02:38:31 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri Apr 18 02:14:00 2025

Response via : Initial Calibration

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

Internal Standards							
1) Bromochloromethane		2.787	49	121918	10.000	ppbv	0.00
33) 1,4-Difluorobenzene		3.962	114	347081	10.000	ppbv	0.00
55) Chlorobenzene-d5		8.882	117	308280	10.000	ppbv	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		10.377	95	259047	10.226	ppbv	0.00
Spiked Amount		10.000	Range 65 - 135		Recovery	= 102.300%	
Target Compounds							
							Qvalue
9) Propene		1.489	41	2087	0.223	ppbv	85
13) Ethanol		1.722	45	4134m	2.784	ppbv	
15) Acetone		1.836	43	84869	4.252	ppbv	100
19) Isopropyl Alcohol		1.887	45	188363	16.989	ppbv #	52
34) 2-Butanone		2.564	43	3500m	0.128	ppbv	
51) 2-Hexanone		7.448	43	5539	0.135	ppbv #	96
53) Toluene		6.937	91	4561m	0.102	ppbv	
58) Ethyl Benzene		9.358	91	30946	0.507	ppbv	93
59) m/p-Xylene		9.532	91	109489m	2.225	ppbv	
60) o-Xylene		9.966	91	20222	0.408	ppbv	97

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

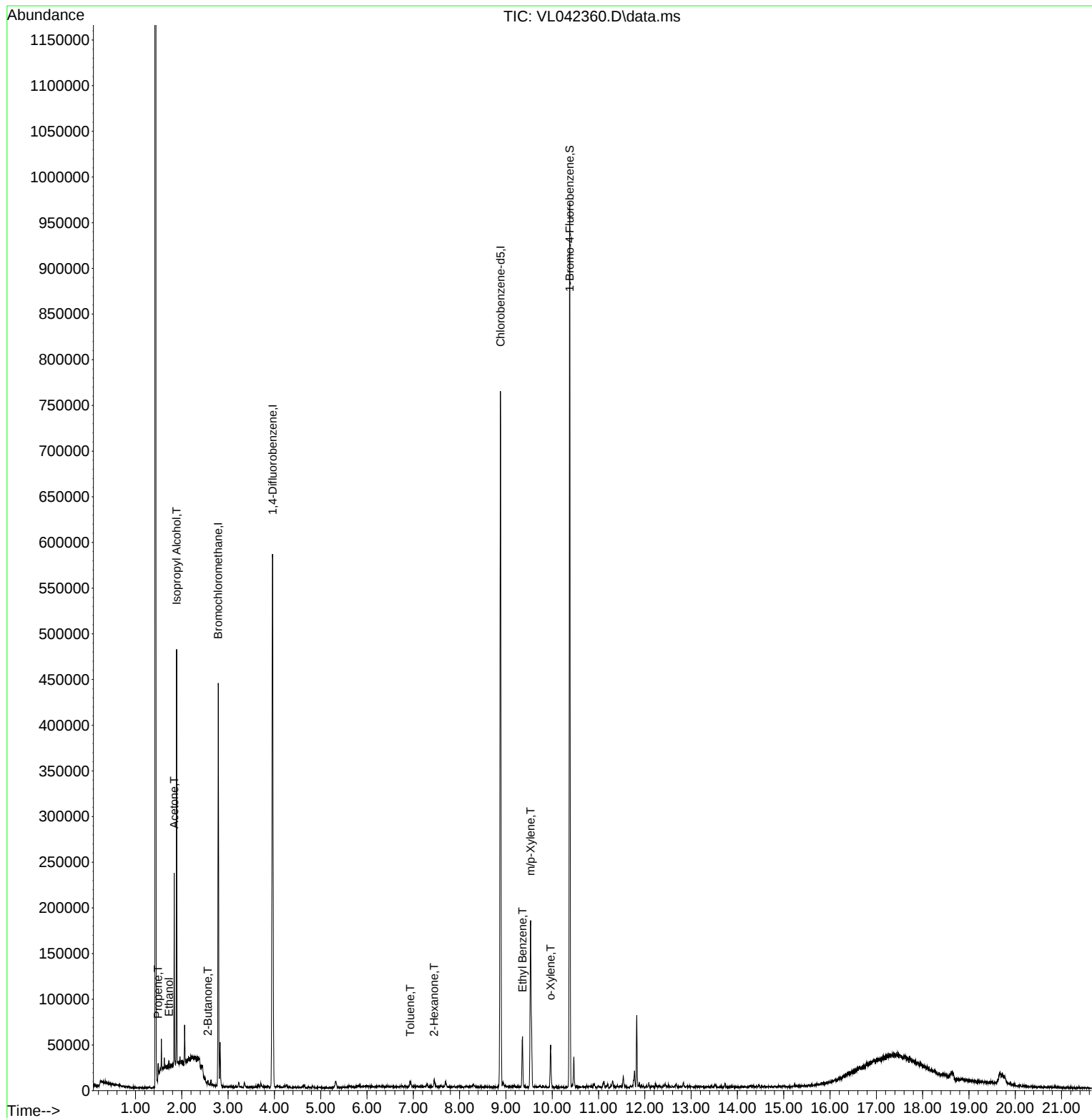
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042360.D
Acq On : 17 Apr 2025 16:44
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ALS Vial : 6 Sample Multiplier: 1

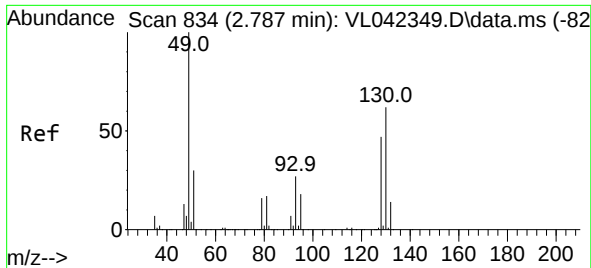
Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025DL

Quant Time: Apr 18 02:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

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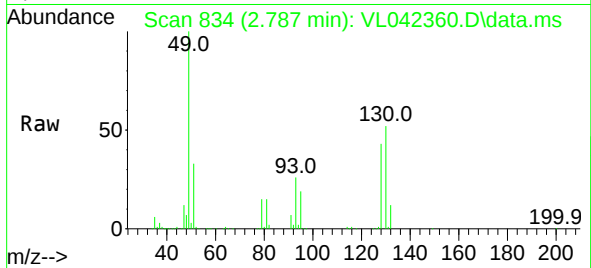
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042360.D
Acq: 17 Apr 2025 16:44

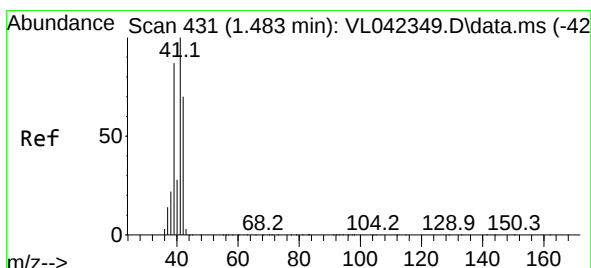
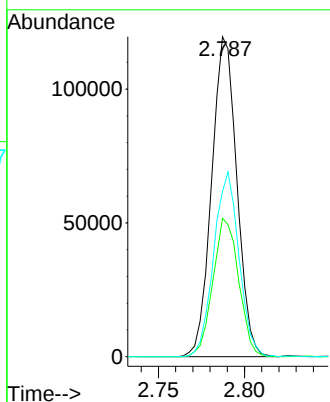
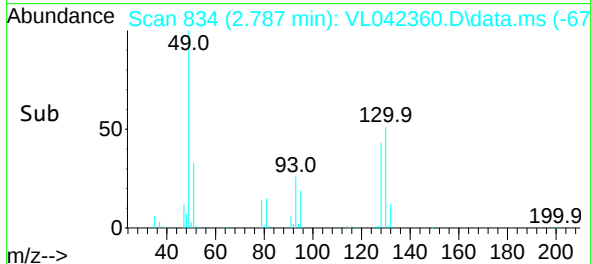
Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025DL



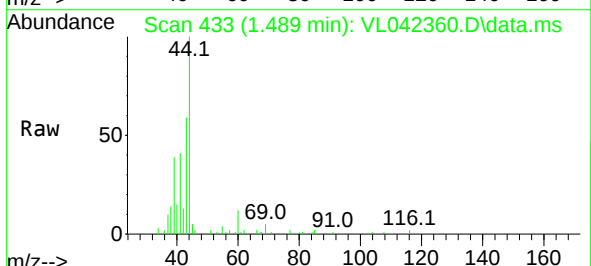
Tgt Ion: 49 Resp: 121918
Ion Ratio Lower Upper
49 100
128 44.1 22.8 68.4
130 57.9 29.3 88.0

Manual Integrations
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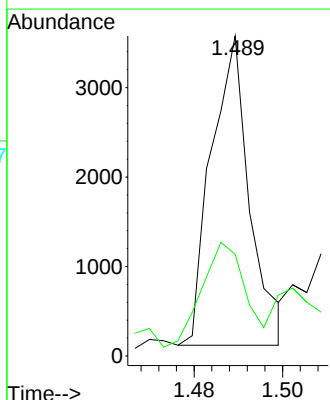
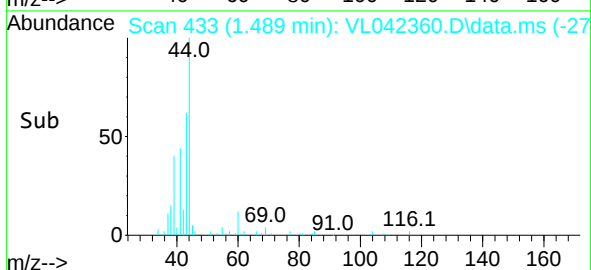
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

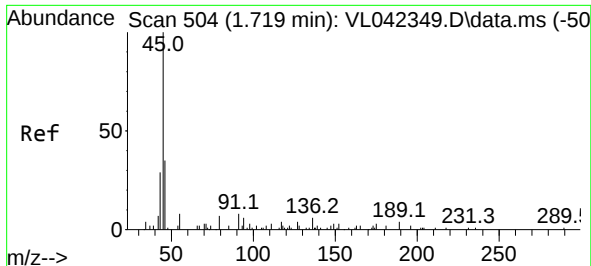


#9
Propene
Concen: 0.223 ppbv
RT: 1.489 min Scan# 433
Delta R.T. 0.007 min
Lab File: VL042360.D
Acq: 17 Apr 2025 16:44



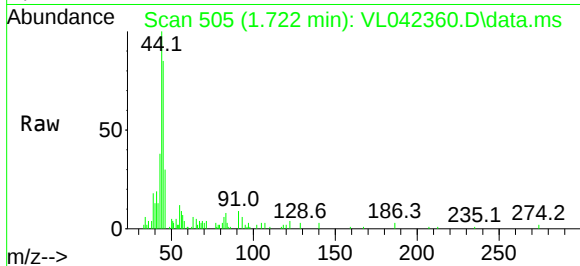
Tgt Ion: 41 Resp: 2087
Ion Ratio Lower Upper
41 100
42 82.3 56.2 84.4





#13
Ethanol
Concen: 2.784 ppbv m
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042360.D
Acq: 17 Apr 2025 16:44

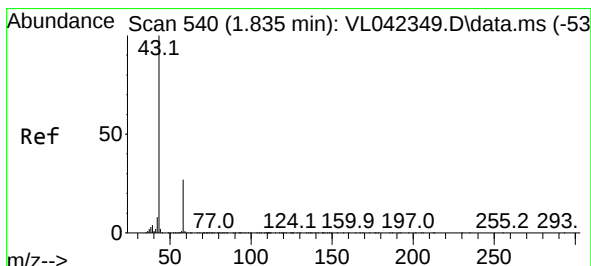
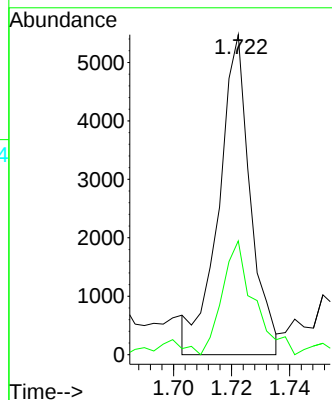
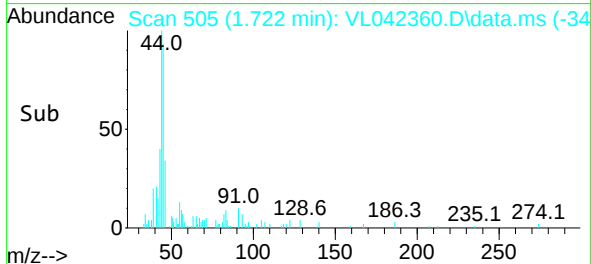
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MSVOA_L
ClientSampleId :
IA-B14-1-3242025DL



Tgt Ion: 45 Resp: 4134
Ion Ratio Lower Upper
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46 0.0 21.9 87.7

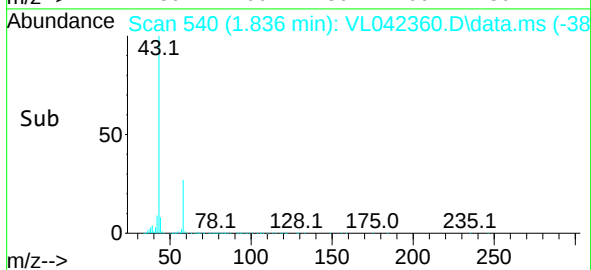
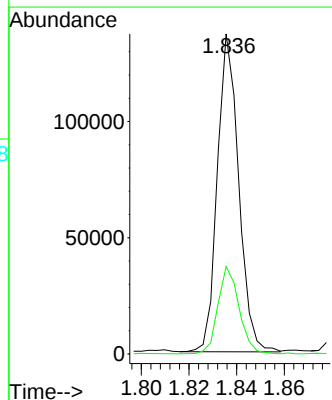
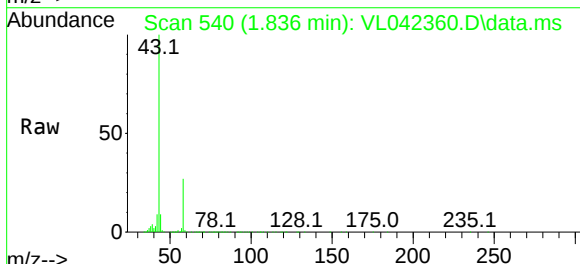
Manual Integrations
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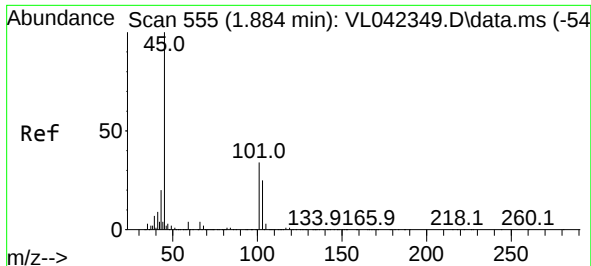
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#15
Acetone
Concen: 4.252 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042360.D
Acq: 17 Apr 2025 16:44

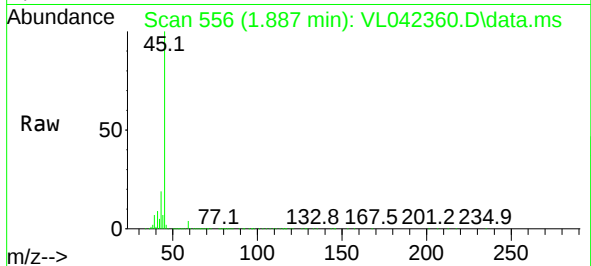
Tgt Ion: 43 Resp: 84869
Ion Ratio Lower Upper
43 100
58 27.8 22.4 33.6





#19
Isopropyl Alcohol
Concen: 16.989 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042360.D
Acq: 17 Apr 2025 16:44

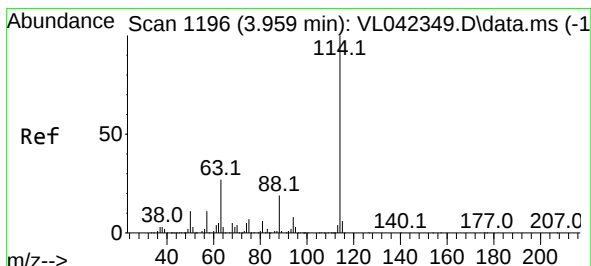
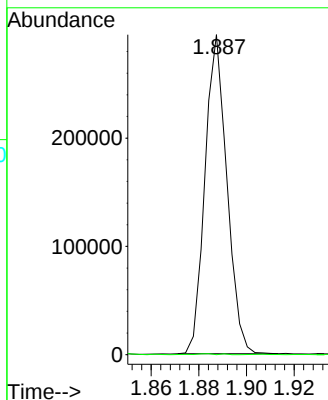
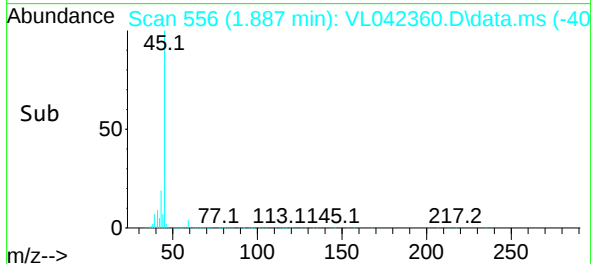
Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025DL



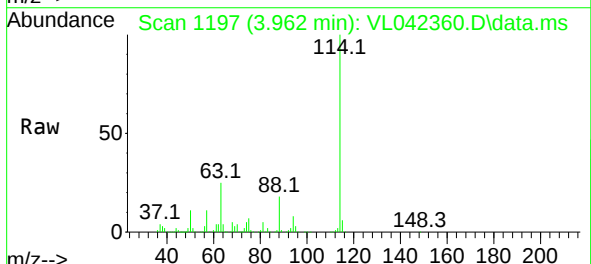
Tgt Ion: 45 Resp: 18836
Ion Ratio Lower Upper
45 100
58 12.5 34.5 51.7

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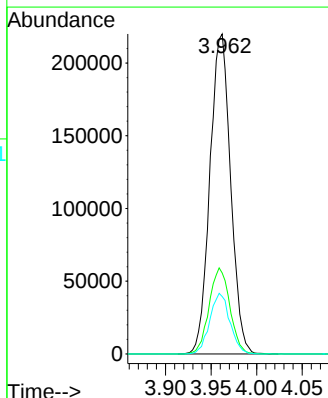
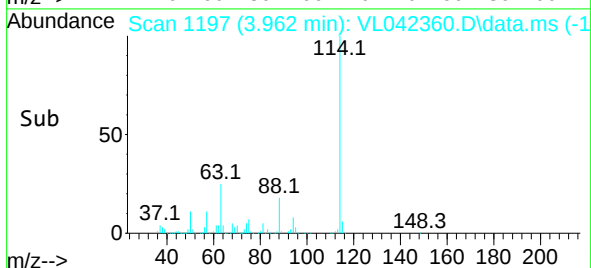
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

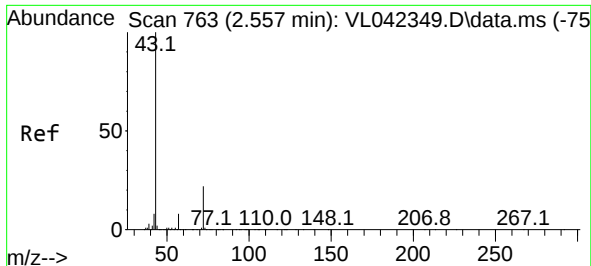


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.003 min
Lab File: VL042360.D
Acq: 17 Apr 2025 16:44



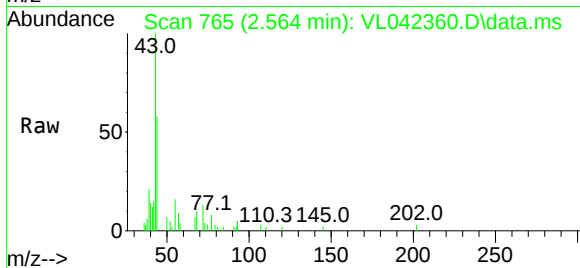
Tgt Ion:114 Resp: 347081
Ion Ratio Lower Upper
114 100
63 27.1 21.8 32.6
88 18.4 15.5 23.3





#34
2-Butanone
Concen: 0.128 ppbv m
RT: 2.564 min Scan# 765
Delta R.T. 0.007 min
Lab File: VL042360.D
Acq: 17 Apr 2025 16:44

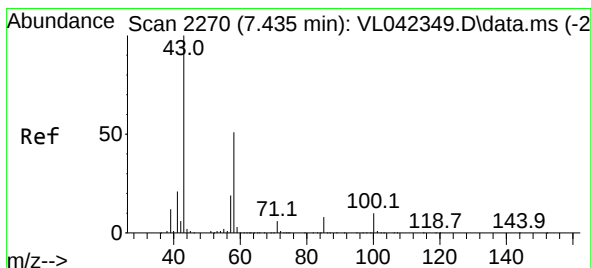
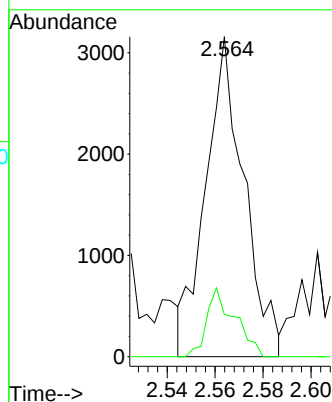
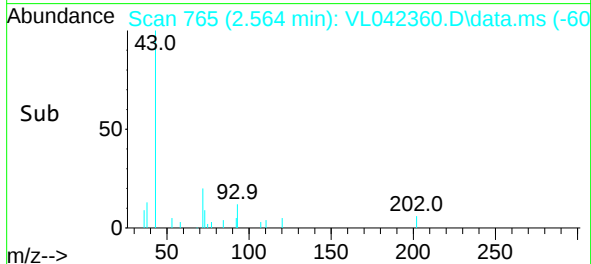
Instrument :
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IA-B14-1-3242025DL



Tgt Ion: 43 Resp: 3500
Ion Ratio Lower Upper
43 100
72 15.7 18.2 27.2

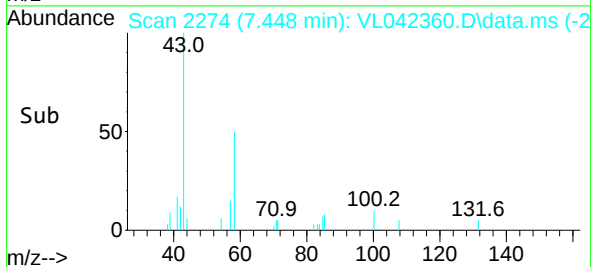
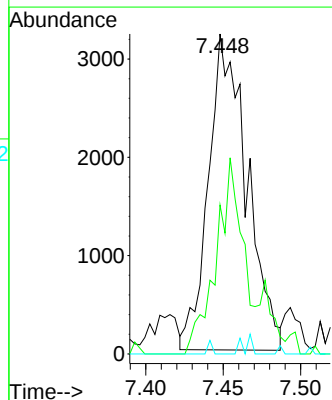
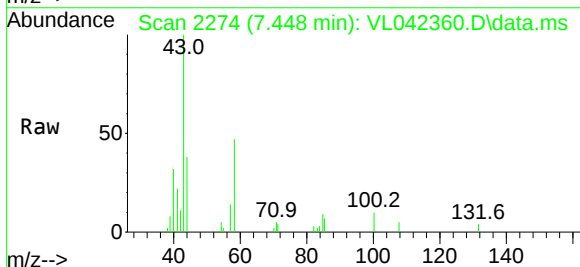
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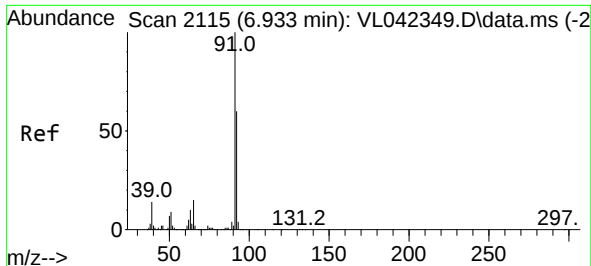
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#51
2-Hexanone
Concen: 0.135 ppbv
RT: 7.448 min Scan# 2274
Delta R.T. 0.013 min
Lab File: VL042360.D
Acq: 17 Apr 2025 16:44

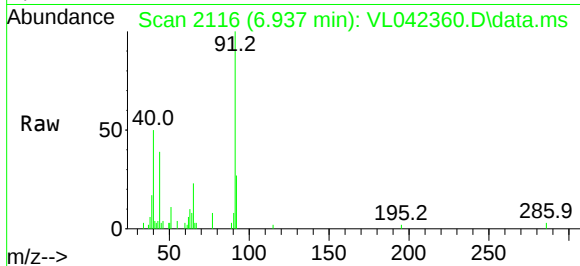
Tgt Ion: 43 Resp: 5539
Ion Ratio Lower Upper
43 100
58 53.1 40.2 60.4
98 0.0 0.1 0.1





#53
Toluene
Concen: 0.102 ppbv m
RT: 6.937 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VL042360.D
Acq: 17 Apr 2025 16:44

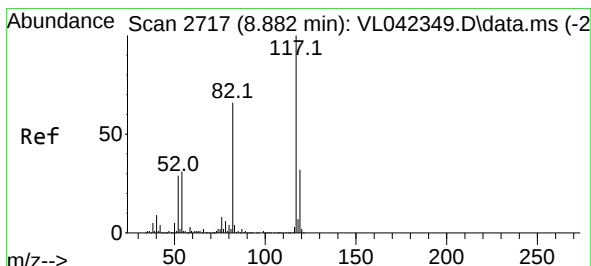
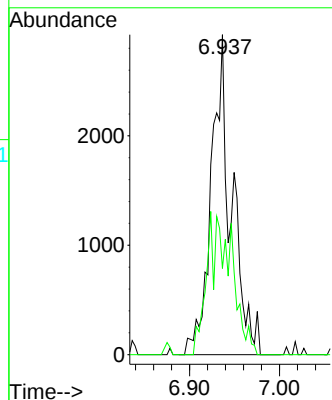
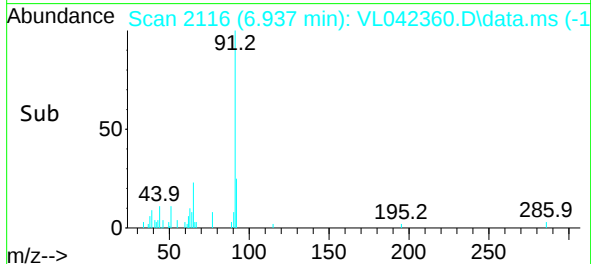
Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025DL



Tgt Ion: 91 Resp: 456
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.4

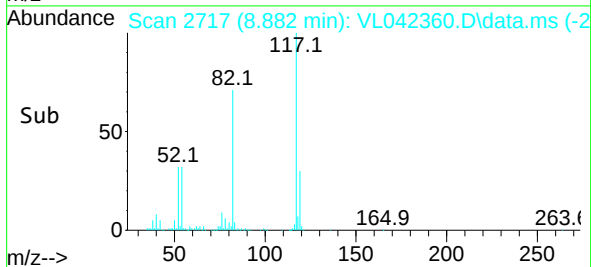
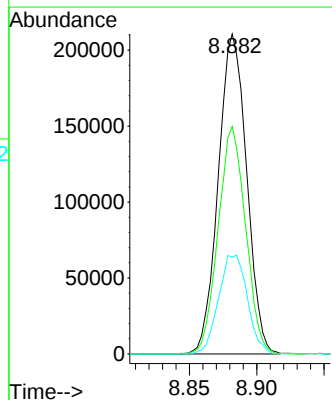
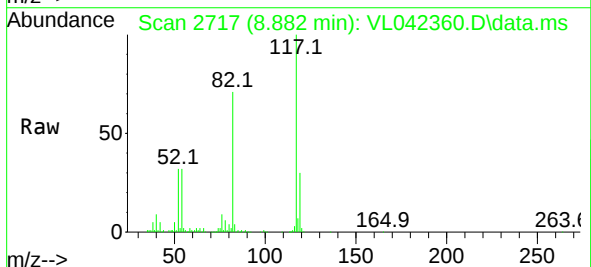
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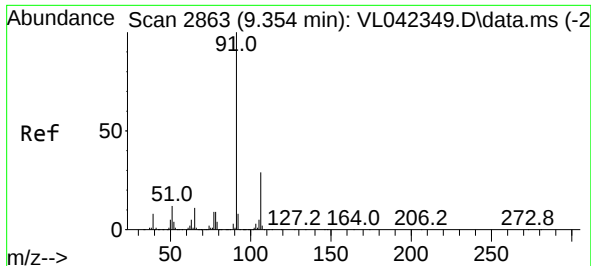
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. 0.000 min
Lab File: VL042360.D
Acq: 17 Apr 2025 16:44

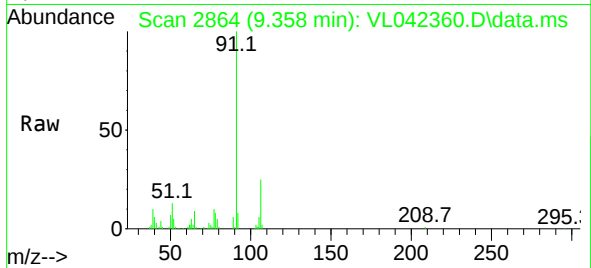
Tgt Ion:117 Resp: 308280
Ion Ratio Lower Upper
117 100
82 68.8 57.8 86.6
119 31.5 25.2 37.8





#58
Ethyl Benzene
Concen: 0.507 ppbv
RT: 9.358 min Scan# 218
Delta R.T. 0.003 min
Lab File: VL042360.D
Acq: 17 Apr 2025 16:44

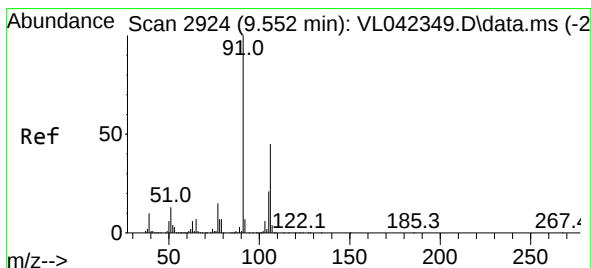
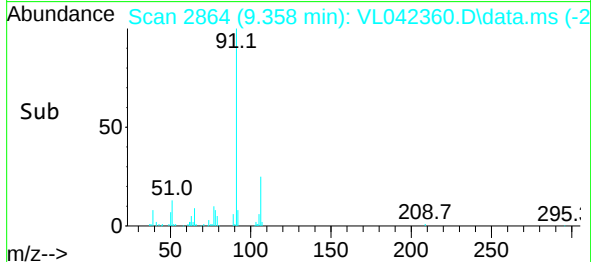
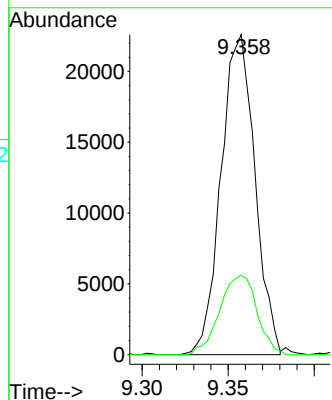
Instrument :
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IA-B14-1-3242025DL



Tgt Ion: 91 Resp: 30940
Ion Ratio Lower Upper
91 100
106 24.8 23.0 34.4

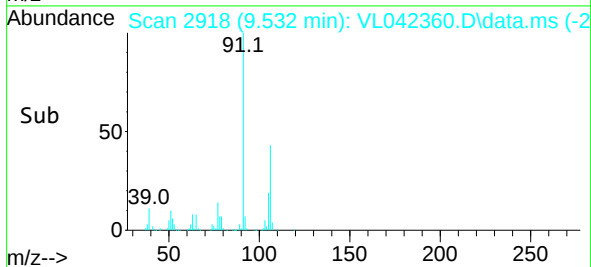
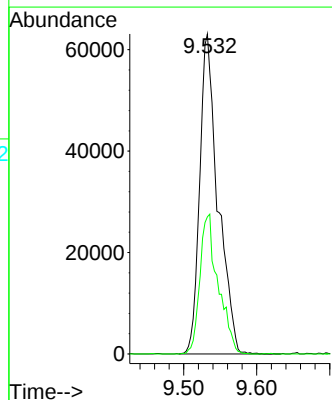
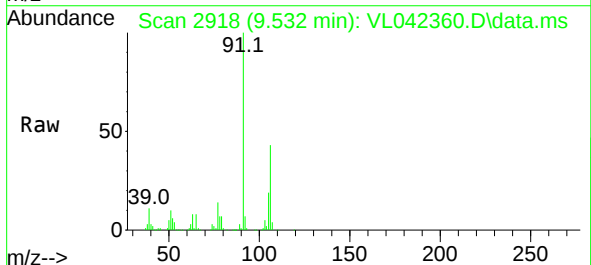
Manual Integrations
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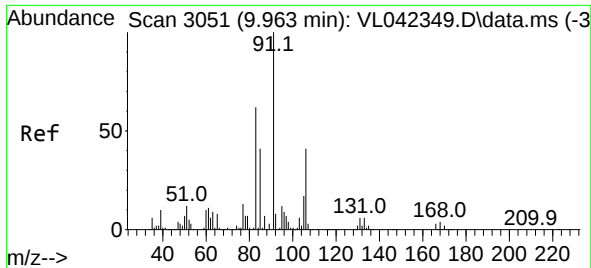
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#59
m/p-Xylene
Concen: 2.225 ppbv m
RT: 9.532 min Scan# 2918
Delta R.T. -0.019 min
Lab File: VL042360.D
Acq: 17 Apr 2025 16:44

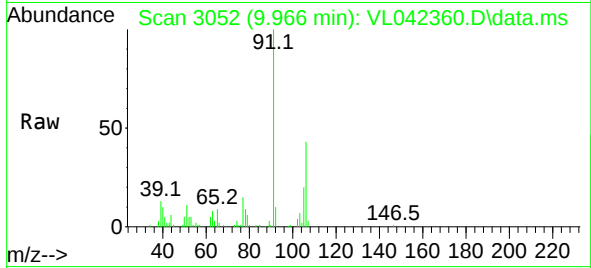
Tgt Ion: 91 Resp: 109489
Ion Ratio Lower Upper
91 100
106 43.8 35.4 53.2





#60
o-Xylene
Concen: 0.408 ppbv
RT: 9.966 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VL042360.D
Acq: 17 Apr 2025 16:44

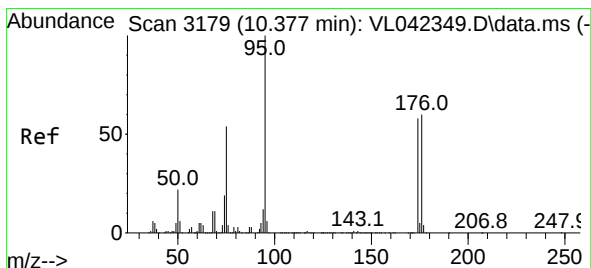
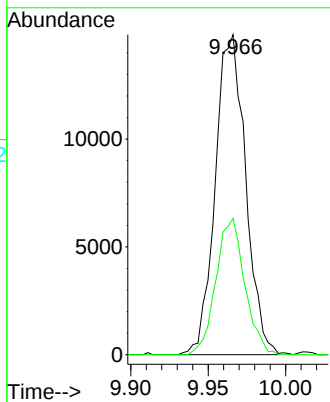
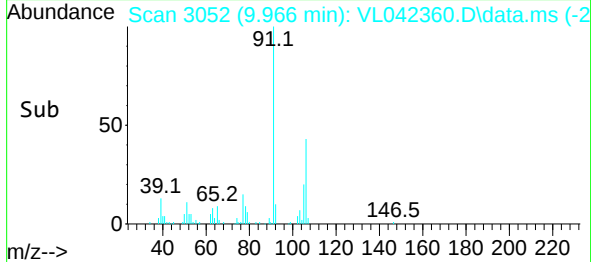
Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025DL



Tgt Ion: 91 Resp: 2022
Ion Ratio Lower Upper
91 100
106 40.4 21.1 63.4

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/18/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 10.226 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VL042360.D
Acq: 17 Apr 2025 16:44

Tgt Ion: 95 Resp: 259047
Ion Ratio Lower Upper
95 100
174 56.2 48.5 72.7
175 4.3 3.7 5.5

