

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
 Data File : VL040873.D
 Acq On : 15 Nov 2023 18:12
 Operator : SY/MD
 Sample : 05277-05 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-SS-7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

Quant Time: Nov 16 05:54:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Nov 13 15:42:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1049819	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.648	114	2599104	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.442	117	2333412	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1824457	9.987	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
13) Ethanol	3.272	45	499623	45.550	ppbv #	100
15) Acetone	3.488	43	1370431	12.257	ppbv	95
17) tert-Butyl alcohol	3.919	59	39326	0.411	ppbv #	93
20) Methylene Chloride	3.951	84	668948	14.497	ppbv	97
34) 2-Butanone	4.796	43	165179	1.247	ppbv	97
36) Benzene	6.369	78	30074m	0.143	ppbv	
53) Toluene	9.208	91	85105m	0.367	ppbv	

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

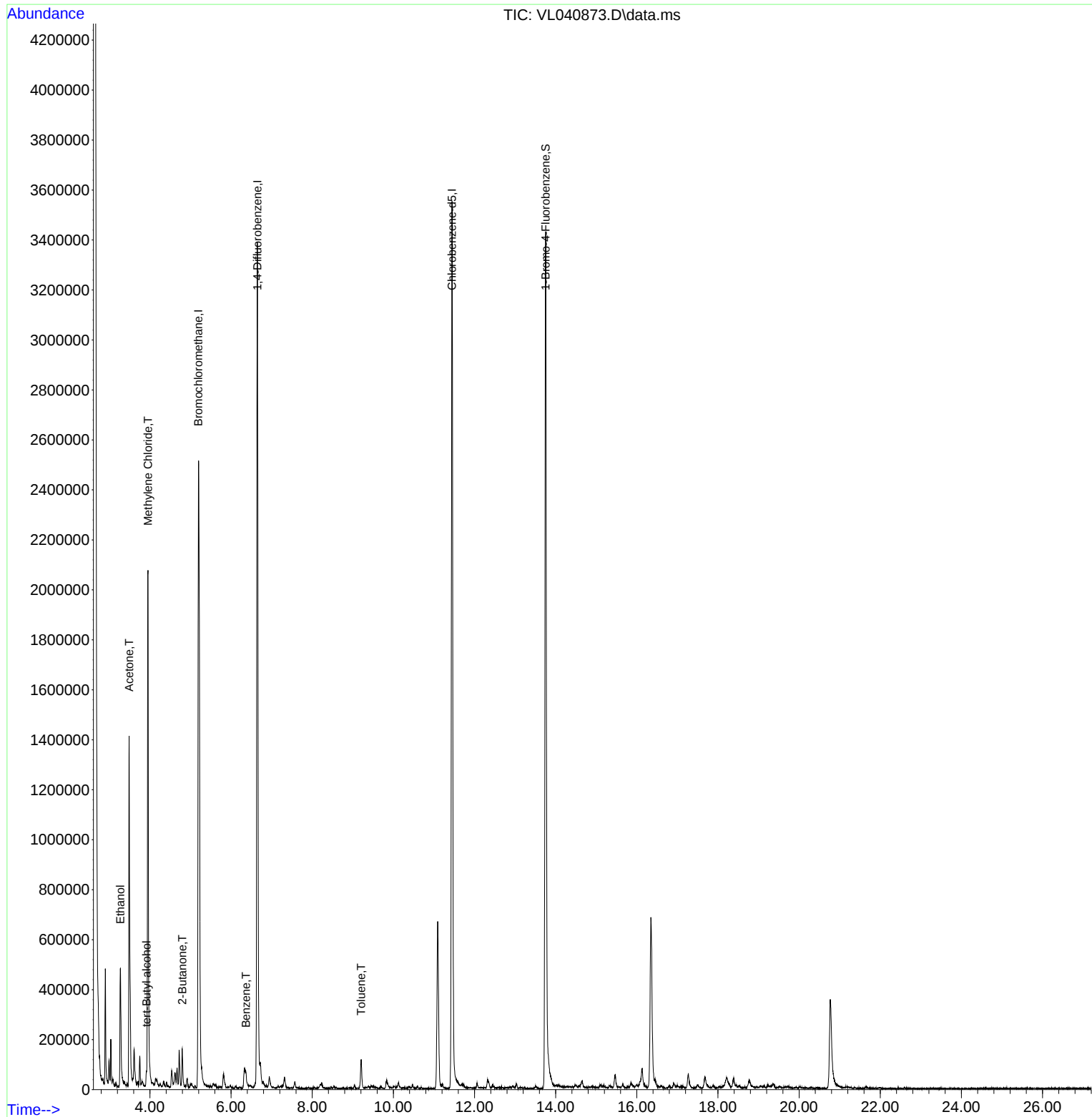
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
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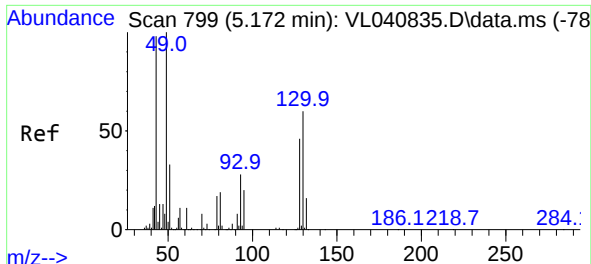
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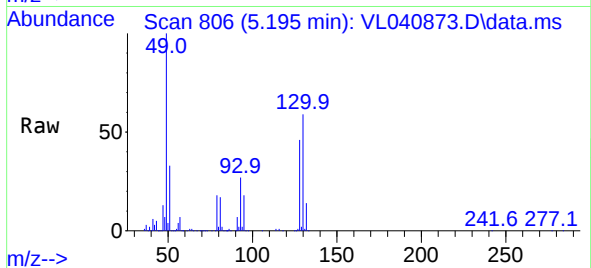
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.023 min
Lab File: VL040873.D
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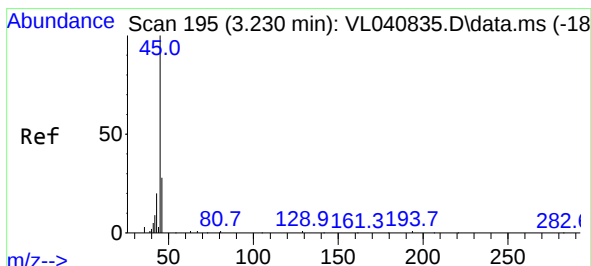
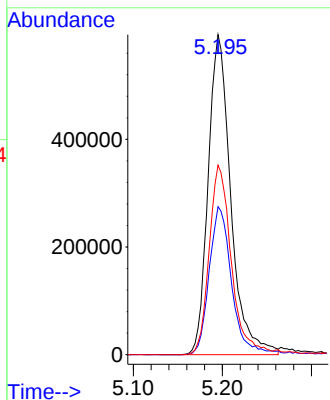
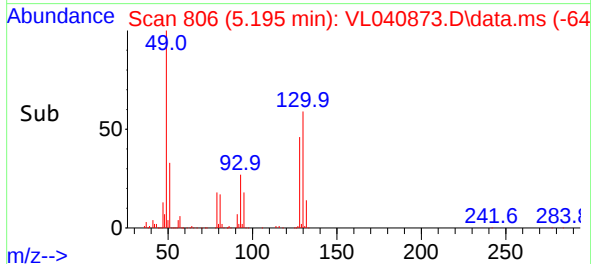
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-7



Tgt Ion: 49 Resp: 1049819
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.2
130 59.5 30.9 92.8

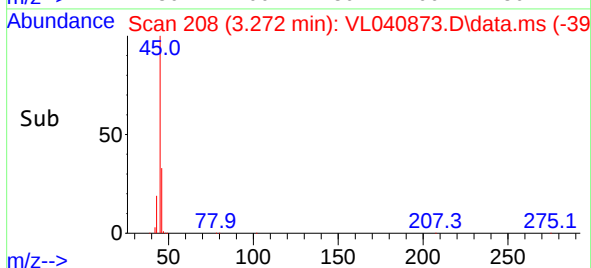
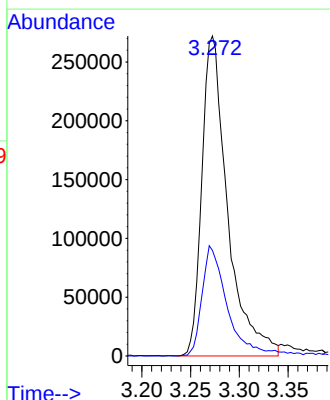
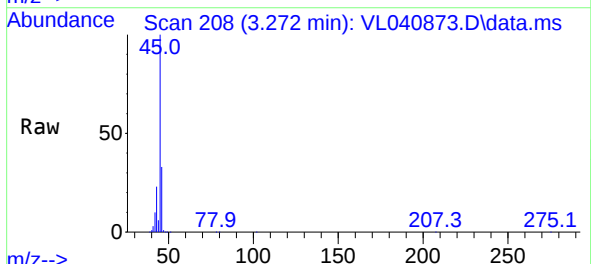
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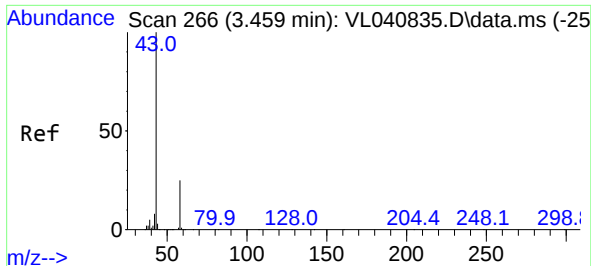
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#13
Ethanol
Concen: 45.550 ppbv
RT: 3.272 min Scan# 208
Delta R.T. 0.042 min
Lab File: VL040873.D
Acq: 15 Nov 2023 18:12

Tgt Ion: 45 Resp: 499623
Ion Ratio Lower Upper
45 100
46 35.2 0.0 0.0#





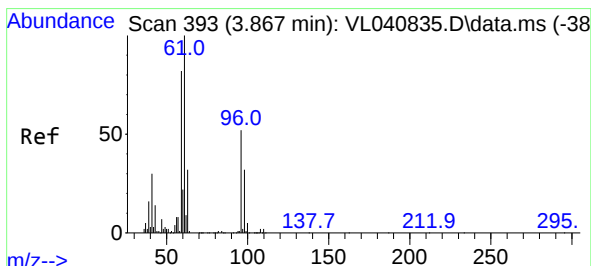
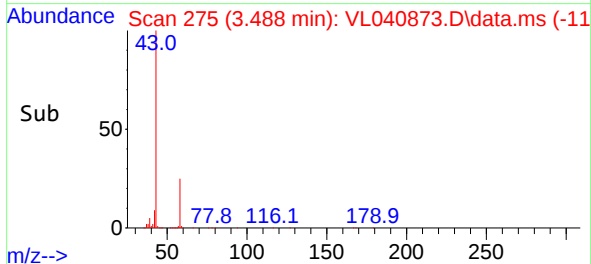
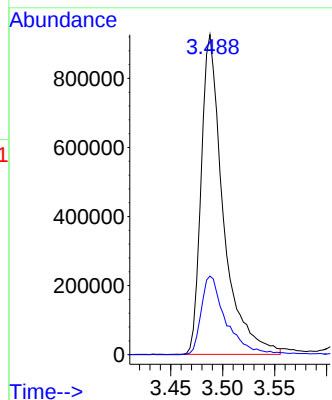
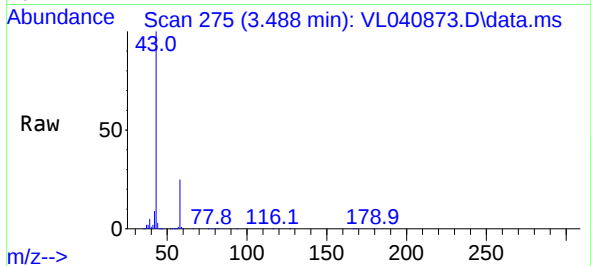
#15
Acetone
Concen: 12.257 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL040873.D
Acq: 15 Nov 2023 18:12

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-7

Tgt Ion: 43 Resp: 137043
Ion Ratio Lower Upper
43 100
58 28.6 20.9 31.3

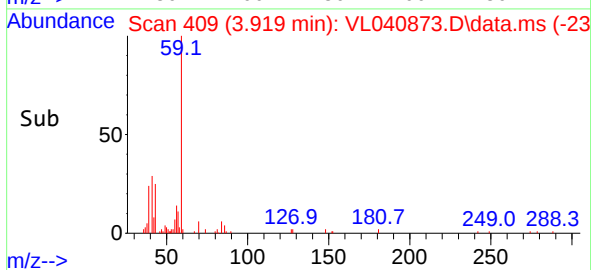
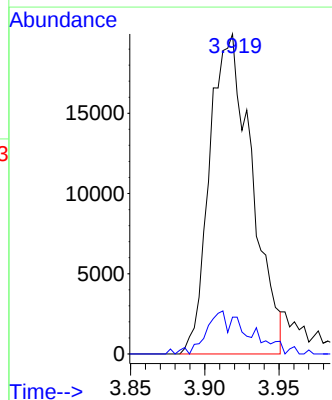
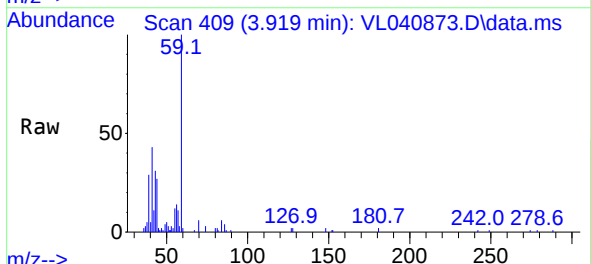
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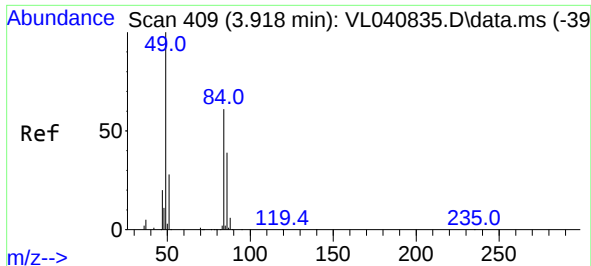
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#17
tert-Butyl alcohol
Concen: 0.411 ppbv
RT: 3.919 min Scan# 409
Delta R.T. 0.052 min
Lab File: VL040873.D
Acq: 15 Nov 2023 18:12

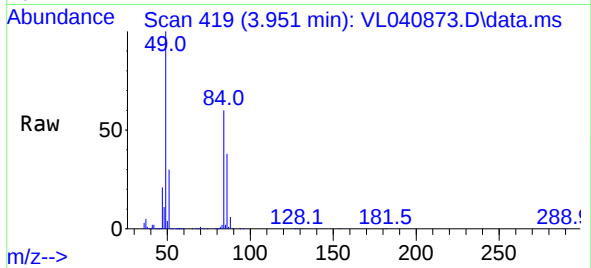
Tgt Ion: 59 Resp: 39326
Ion Ratio Lower Upper
59 100
57 13.8 9.0 13.4#





#20
Methylene Chloride
Concen: 14.497 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.032 min
Lab File: VL040873.D
Acq: 15 Nov 2023 18:12

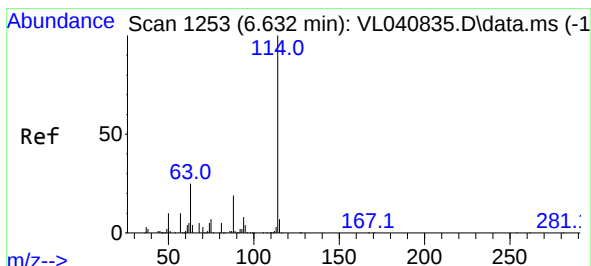
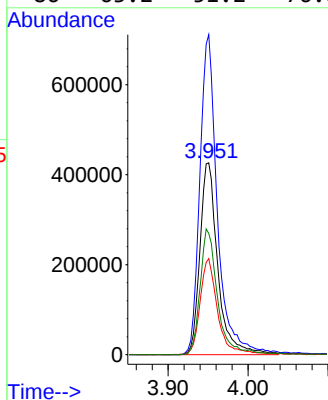
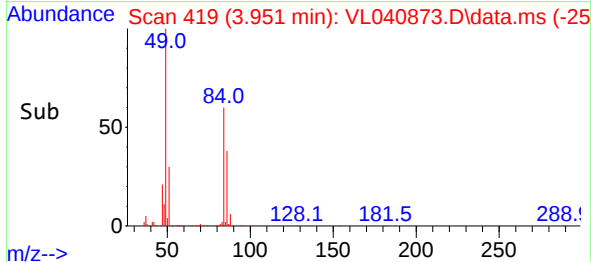
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-7



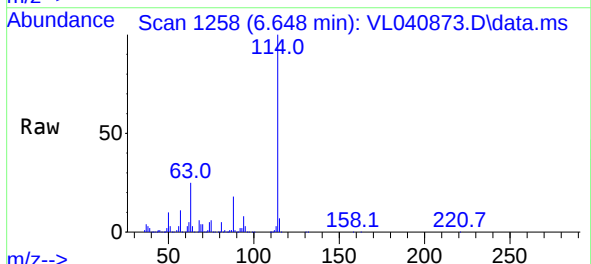
Tgt Ion: 84 Resp: 668948
Ion Ratio Lower Upper
84 100
49 166.8 131.0 196.4
51 49.9 36.9 55.3
86 63.2 51.2 76.8

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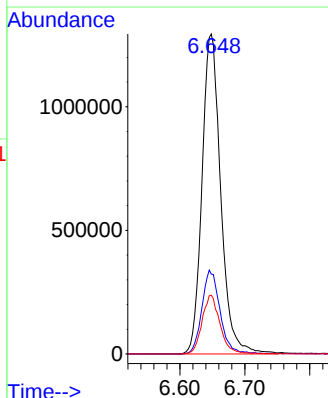
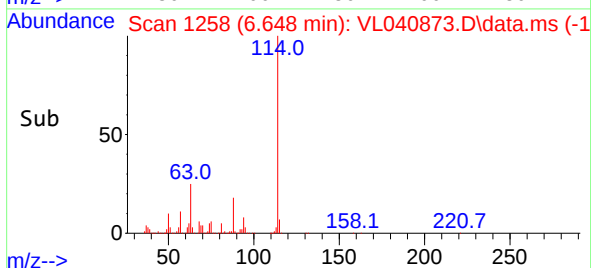
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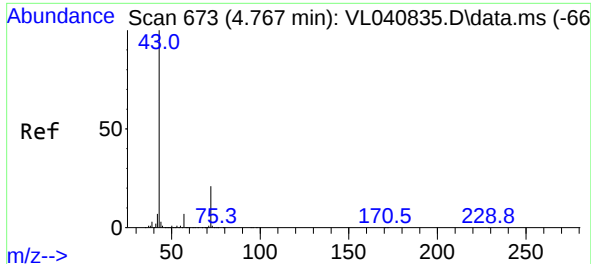


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.016 min
Lab File: VL040873.D
Acq: 15 Nov 2023 18:12



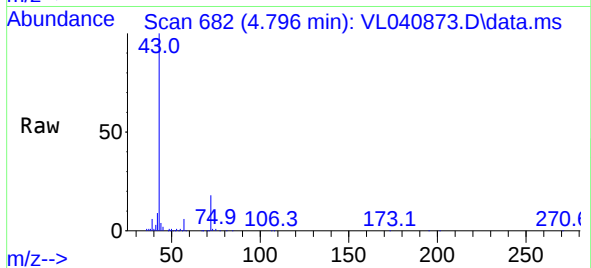
Tgt Ion:114 Resp: 2599104
Ion Ratio Lower Upper
114 100
63 25.6 20.9 31.3
88 17.7 14.3 21.5





#34
2-Butanone
Concen: 1.247 ppbv
RT: 4.796 min Scan# 61
Delta R.T. 0.029 min
Lab File: VL040873.D
Acq: 15 Nov 2023 18:12

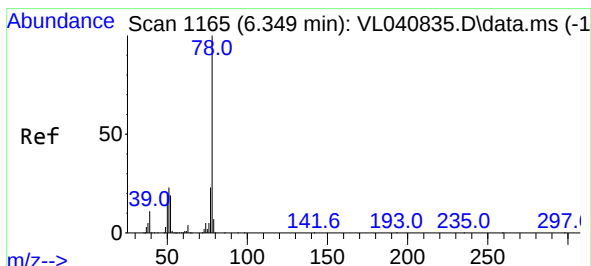
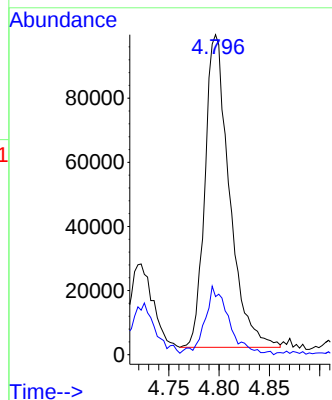
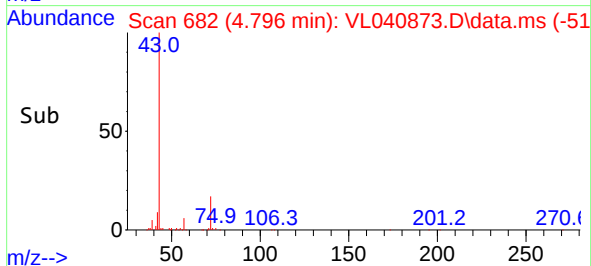
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NT-SS-7



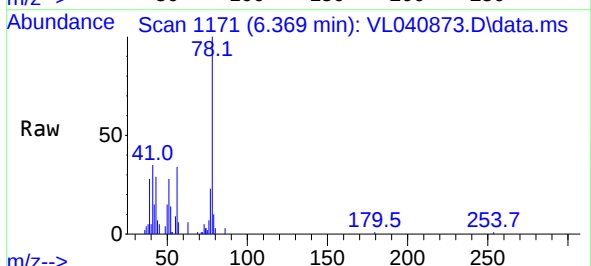
Tgt Ion: 43 Resp: 165179
Ion Ratio Lower Upper
43 100
72 23.1 17.2 25.8

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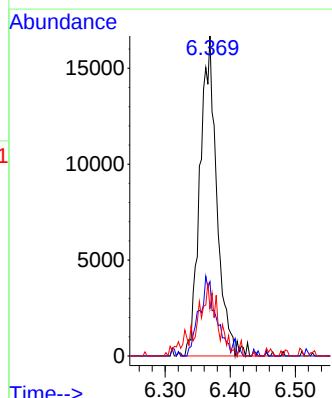
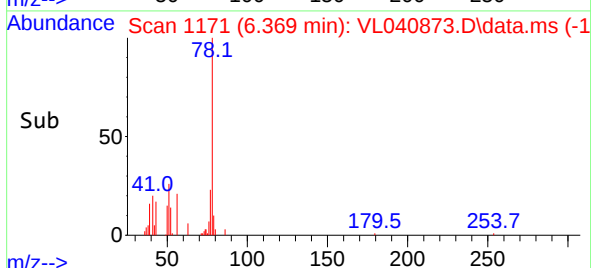
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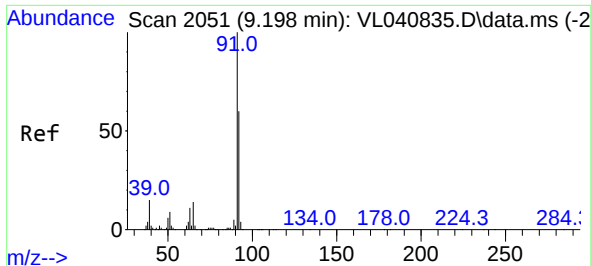


#36
Benzene
Concen: 0.143 ppbv m
RT: 6.369 min Scan# 1171
Delta R.T. 0.019 min
Lab File: VL040873.D
Acq: 15 Nov 2023 18:12



Tgt Ion: 78 Resp: 30074
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6
50 14.8 16.2 24.2#





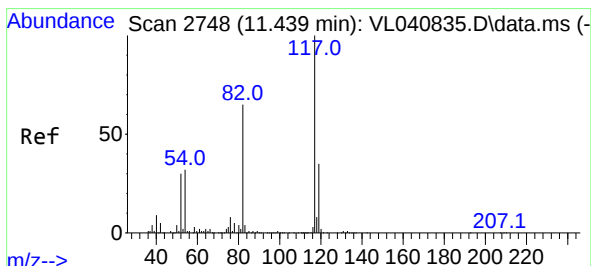
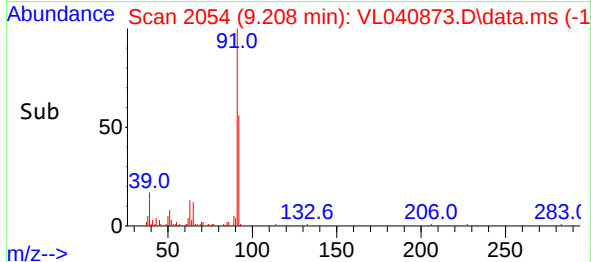
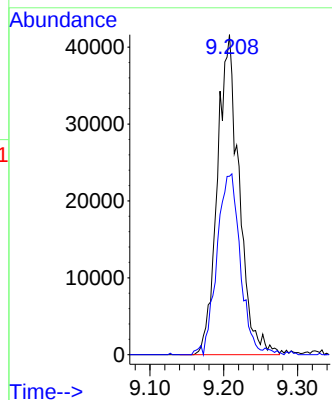
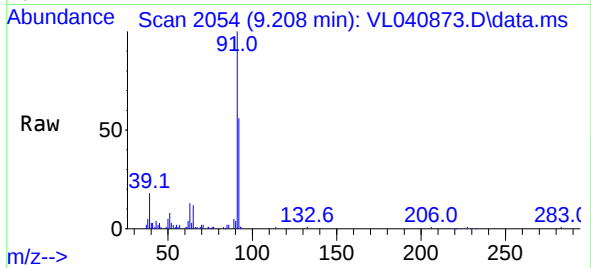
#53
Toluene
Concen: 0.367 ppbv m
RT: 9.208 min Scan# 2051
Delta R.T. 0.010 min
Lab File: VL040873.D
Acq: 15 Nov 2023 18:12

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-7

Tgt Ion: 91 Resp: 8510
Ion Ratio Lower Upper
91 100
92 0.0 49.4 74.2

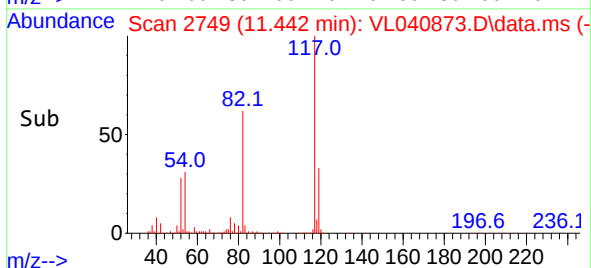
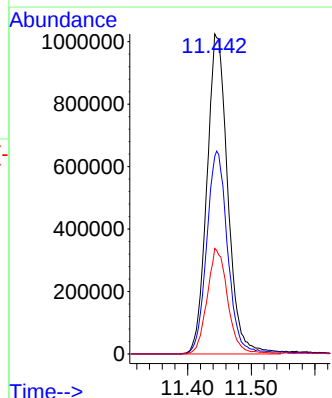
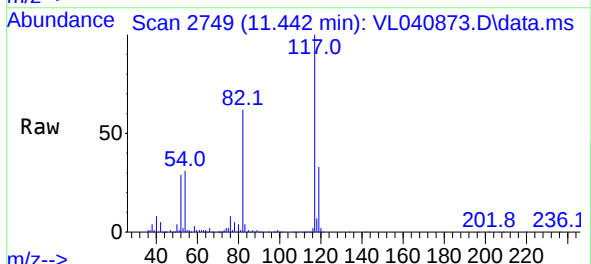
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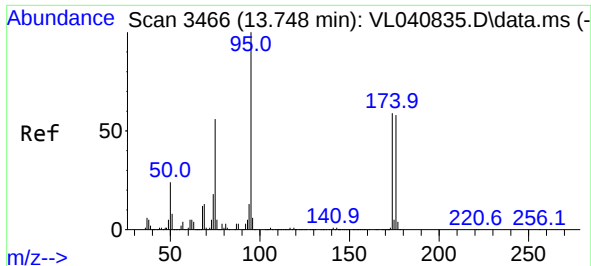
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2749
Delta R.T. 0.003 min
Lab File: VL040873.D
Acq: 15 Nov 2023 18:12

Tgt Ion:117 Resp: 2333412
Ion Ratio Lower Upper
117 100
82 64.9 50.6 75.8
119 32.5 23.3 34.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.987 ppbv
 RT: 13.754 min Scan# 3466
 Delta R.T. 0.007 min
 Lab File: VL040873.D
 Acq: 15 Nov 2023 18:12

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-SS-7

Tgt Ion: 95 Resp: 182445
 Ion Ratio Lower Upper
 95 100
 174 60.0 47.5 71.3
 175 4.5 3.6 5.4

Manual Integrations
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