

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040547.D
 Acq On : 26 Jul 2023 19:09
 Operator : SY/MD
 Sample : 03695-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-21-20230719DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

Quant Time: Jul 27 01:51:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 25 2023
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1077791	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2827448	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.458	117	2521503	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1985444	9.949	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
15) Acetone	3.459	43	290276	2.340	ppbv	99
17) tert-Butyl alcohol	3.873	59	58378	0.455	ppbv #	94
20) Methylene Chloride	3.918	84	24202	0.459	ppbv #	89
26) Hexane	5.195	57	13735m	0.125	ppbv	
34) 2-Butanone	4.783	43	123936	0.887	ppbv	96
36) Benzene	6.349	78	23766m	0.104	ppbv	
50) 4-Methyl-2-Pentanone	8.185	43	104789m	0.516	ppbv	

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

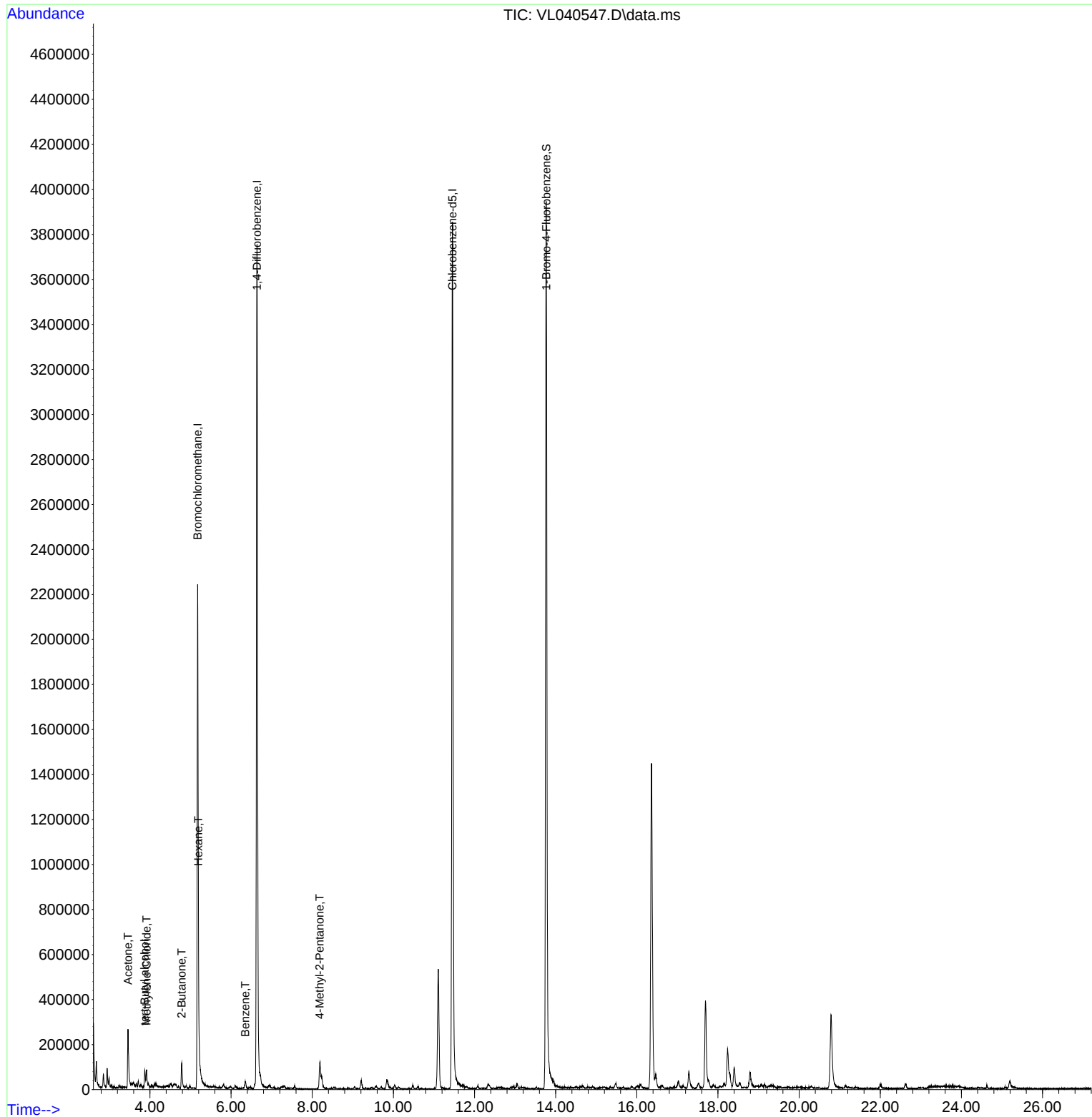
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
Data File : VL040547.D
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

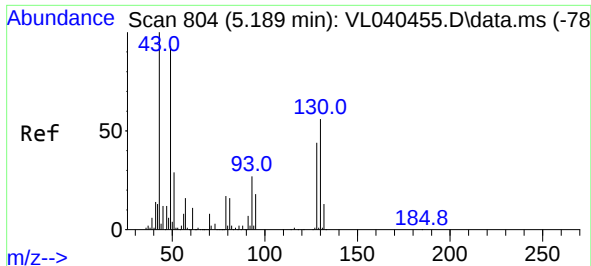
Instrument :
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Quant Time: Jul 27 01:51:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
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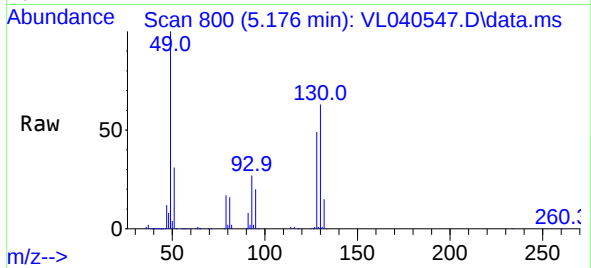
Reviewed By : Semsettin Yesilyurt 07/27/2023
Supervised By : Mahesh Dadoda 07/27/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 804
Delta R.T. -0.026 min
Lab File: VL040547.D
Acq: 26 Jul 2023 19:09

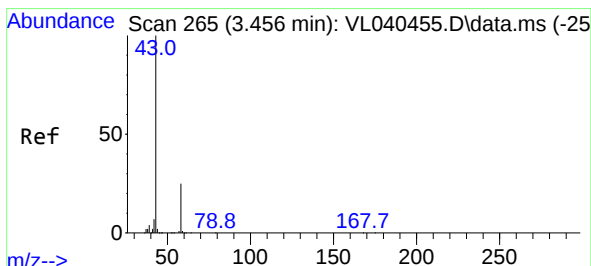
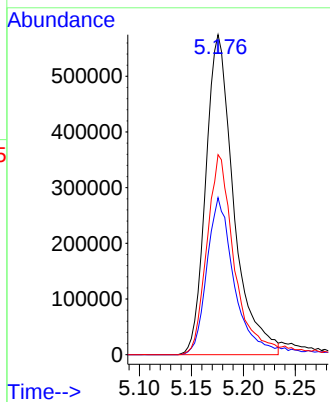
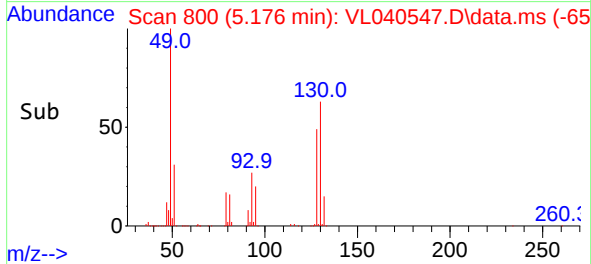
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719DL



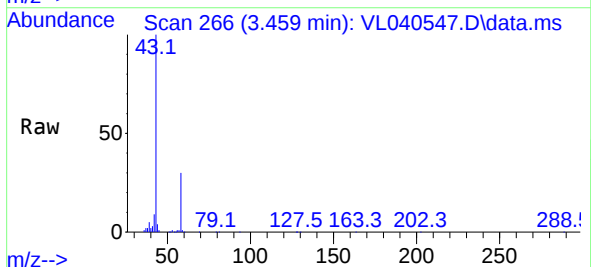
Tgt Ion: 49 Resp: 107779
Ion Ratio Lower Upper
49 100
128 50.5 25.1 75.4
130 65.0 31.6 94.7

Manual Integrations
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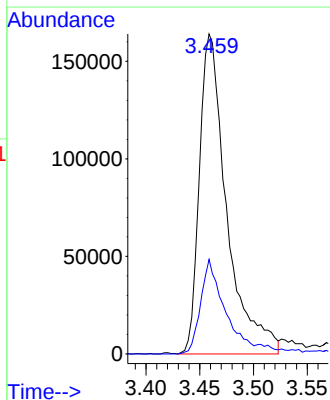
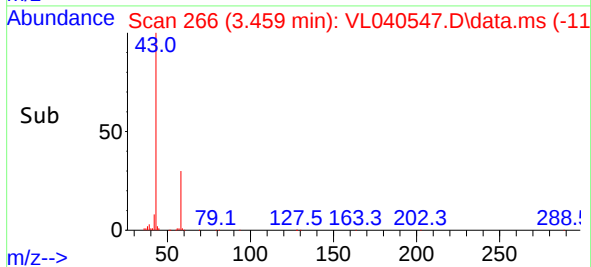
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

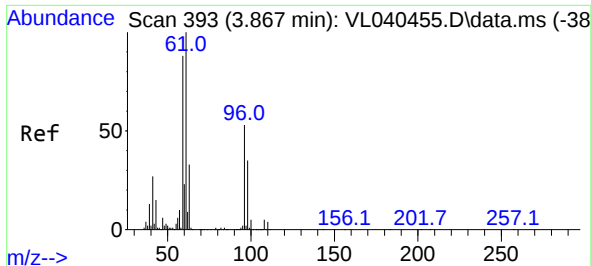


#15
Acetone
Concen: 2.340 ppbv
RT: 3.459 min Scan# 266
Delta R.T. -0.016 min
Lab File: VL040547.D
Acq: 26 Jul 2023 19:09



Tgt Ion: 43 Resp: 290276
Ion Ratio Lower Upper
43 100
58 28.9 22.9 34.3





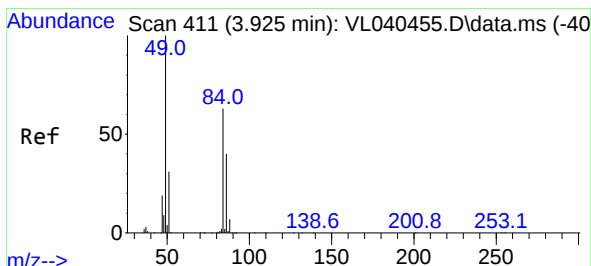
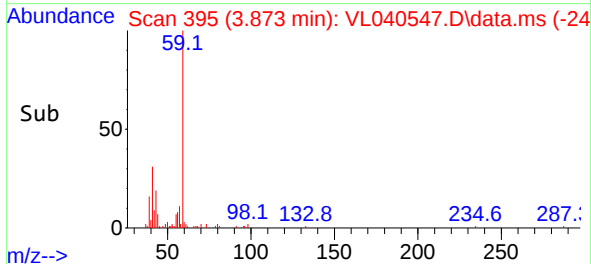
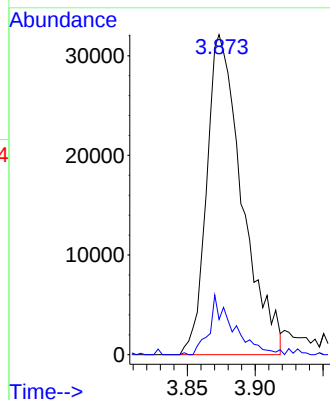
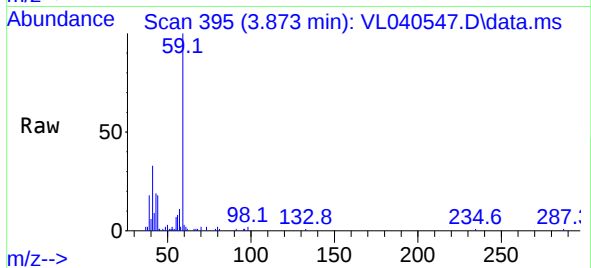
#17
tert-Butyl alcohol
Concen: 0.455 ppbv
RT: 3.873 min Scan# 393
Delta R.T. -0.010 min
Lab File: VL040547.D
Acq: 26 Jul 2023 19:09

Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719DL

Tgt Ion: 59 Resp: 58378
Ion Ratio Lower Upper
59 100
57 13.3 8.7 13.1

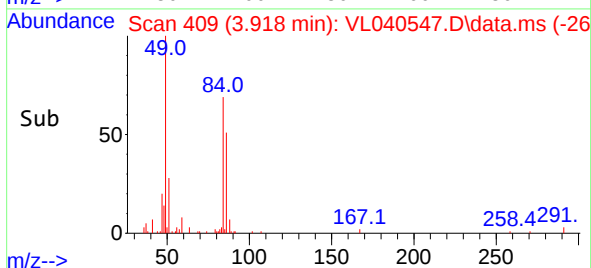
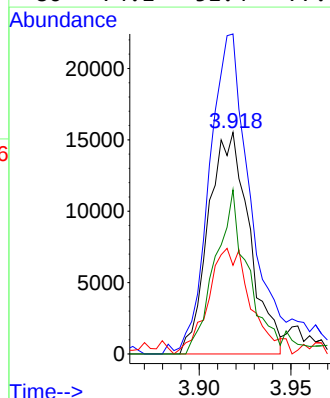
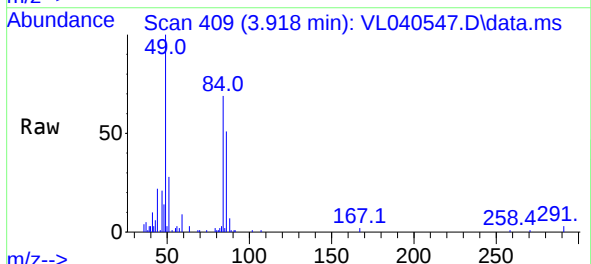
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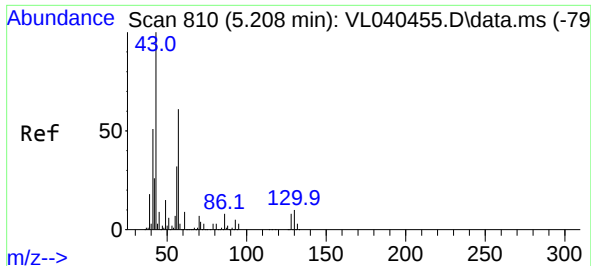
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#20
Methylene Chloride
Concen: 0.459 ppbv
RT: 3.918 min Scan# 409
Delta R.T. -0.023 min
Lab File: VL040547.D
Acq: 26 Jul 2023 19:09

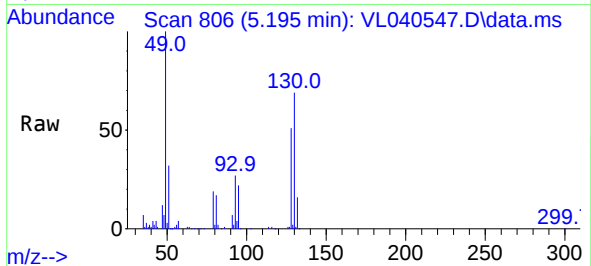
Tgt Ion: 84 Resp: 24202
Ion Ratio Lower Upper
84 100
49 141.7 123.4 185.2
51 37.9 38.3 57.5#
86 74.1 51.4 77.0





#26
Hexane
Concen: 0.125 ppbv m
RT: 5.195 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040547.D
Acq: 26 Jul 2023 19:09

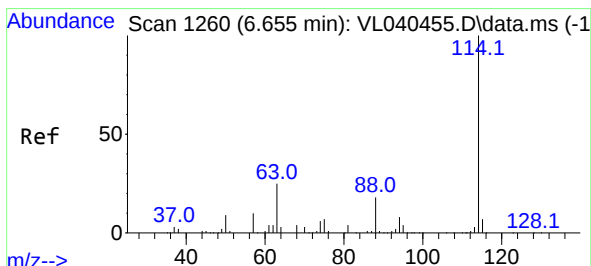
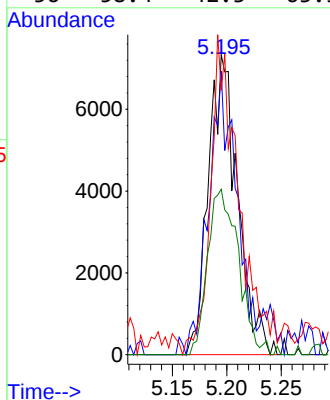
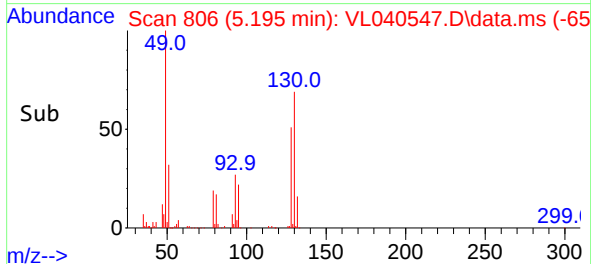
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719DL



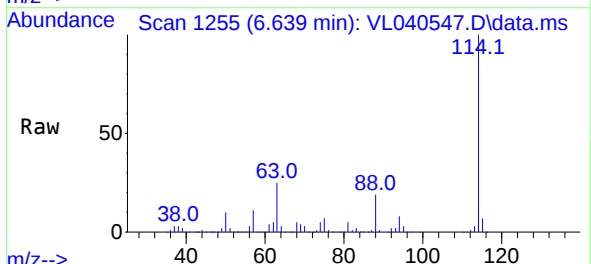
Tgt Ion: 57 Resp: 13738
Ion Ratio Lower Upper
57 100
41 105.4 69.5 104.3
43 105.9 177.1 265.7
56 58.4 42.3 63.5

Manual Integrations
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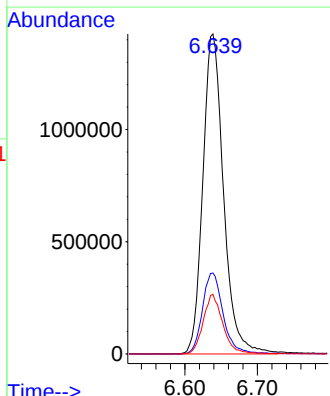
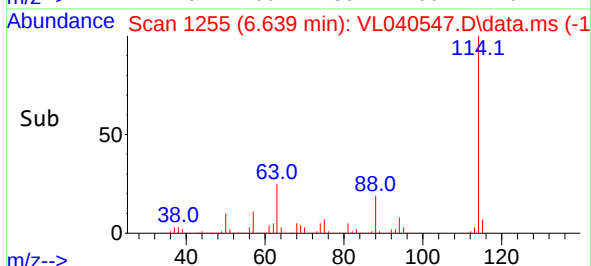
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

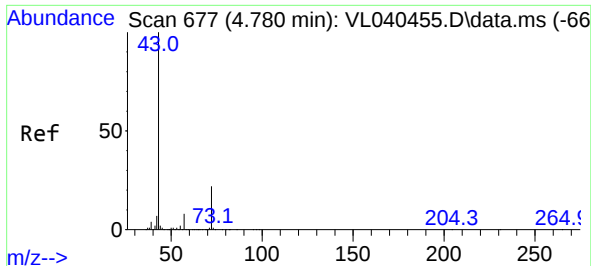


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.026 min
Lab File: VL040547.D
Acq: 26 Jul 2023 19:09



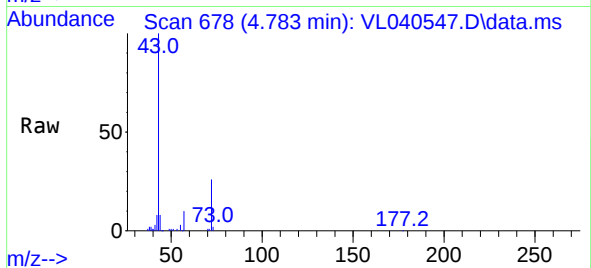
Tgt Ion:114 Resp: 2827448
Ion Ratio Lower Upper
114 100
63 25.6 19.6 29.4
88 17.8 14.2 21.2





#34
2-Butanone
Concen: 0.887 ppbv
RT: 4.783 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL040547.D
Acq: 26 Jul 2023 19:09

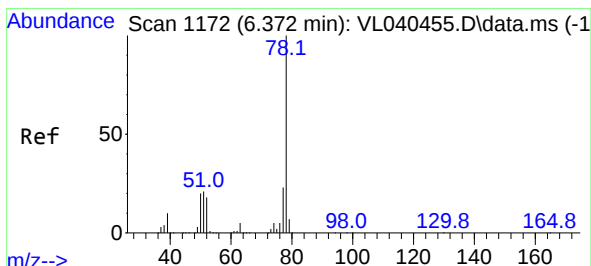
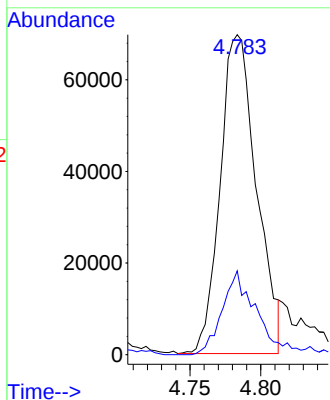
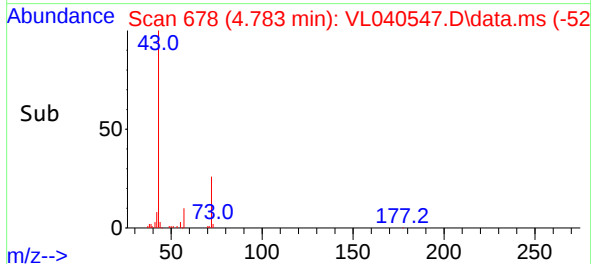
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Tgt Ion: 43 Resp: 123930
Ion Ratio Lower Upper
43 100
72 25.7 19.1 28.7

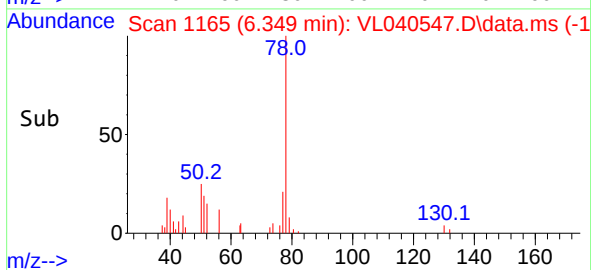
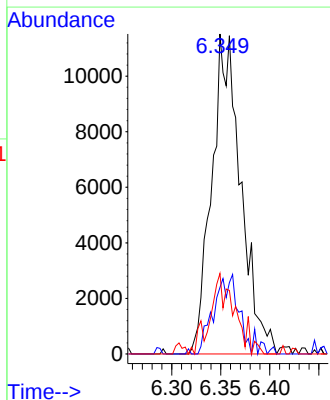
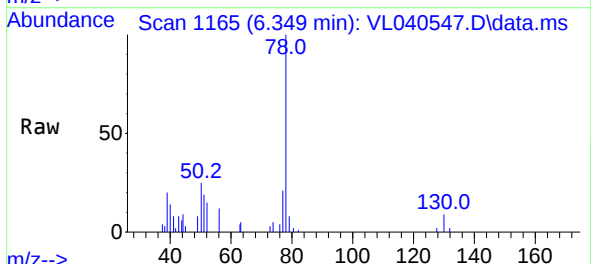
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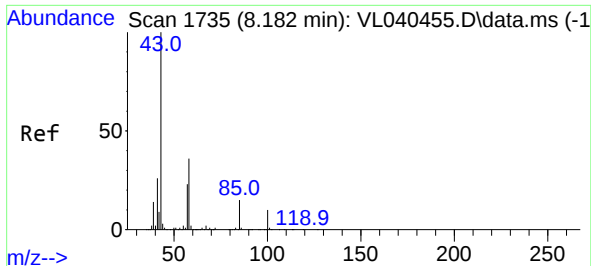
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#36
Benzene
Concen: 0.104 ppbv m
RT: 6.349 min Scan# 1165
Delta R.T. -0.032 min
Lab File: VL040547.D
Acq: 26 Jul 2023 19:09

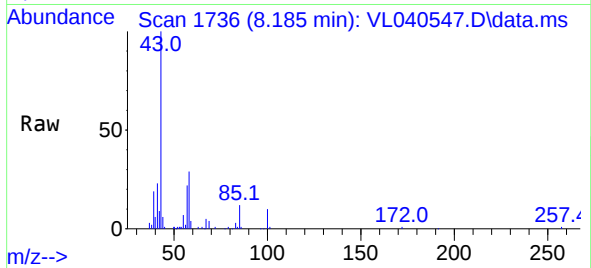
Tgt Ion: 78 Resp: 23766
Ion Ratio Lower Upper
78 100
77 20.8 17.4 26.0
50 25.2 14.4 21.6#





#50
4-Methyl-2-Pentanone
Concen: 0.516 ppbv m
RT: 8.185 min Scan# 1
Delta R.T. -0.007 min
Lab File: VL040547.D
Acq: 26 Jul 2023 19:09

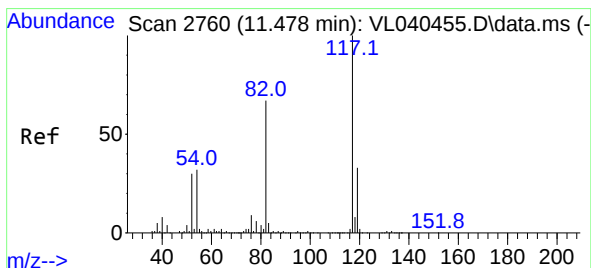
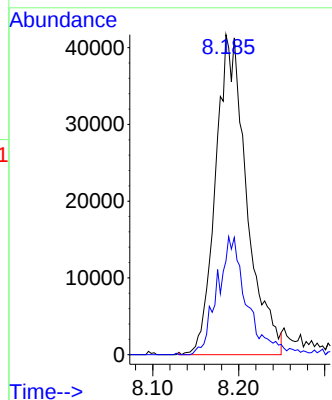
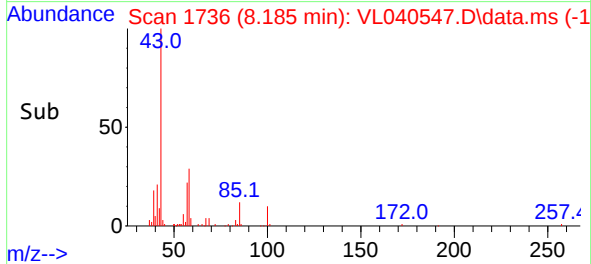
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719DL



Tgt Ion: 43 Resp: 104789
Ion Ratio Lower Upper
43 100
58 35.4 30.2 45.2

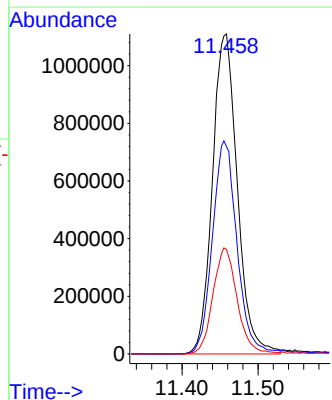
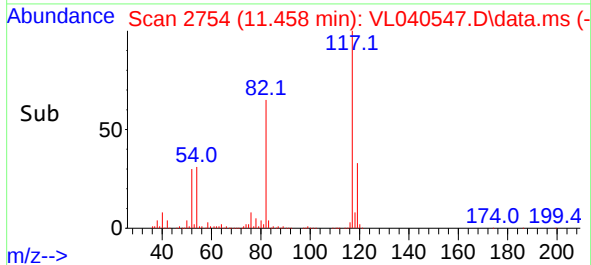
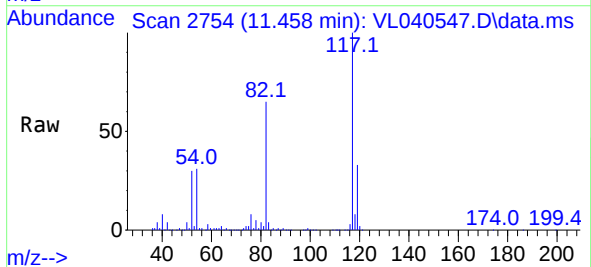
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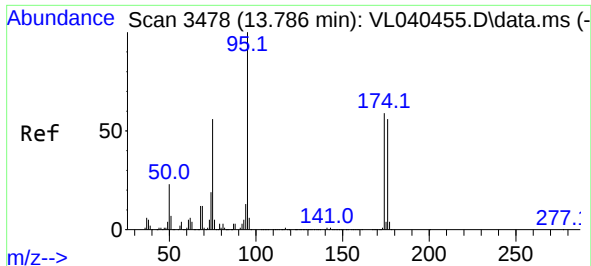
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. -0.020 min
Lab File: VL040547.D
Acq: 26 Jul 2023 19:09

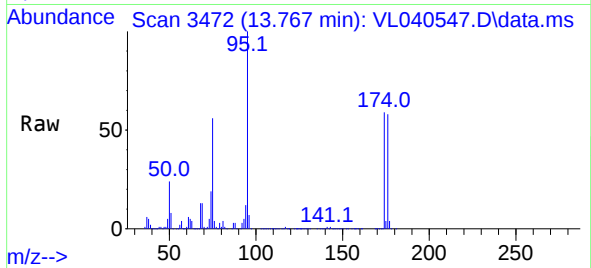
Tgt Ion:117 Resp: 2521503
Ion Ratio Lower Upper
117 100
82 66.9 50.2 75.4
119 32.9 26.9 40.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.949 ppbv
RT: 13.767 min Scan# 34
Delta R.T. -0.016 min
Lab File: VL040547.D
Acq: 26 Jul 2023 19:09

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 95 Resp: 198544
Ion Ratio Lower Upper
95 100
174 60.5 50.6 75.8
175 4.3 3.7 5.5

Manual Integrations
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