

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040551.D
 Acq On : 26 Jul 2023 21:57
 Operator : SY/MD
 Sample : 03730-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-18-20230721DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 27 01:52:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 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	1079391	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.635	114	2864570	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.455	117	2508057	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1962678	9.888	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
					Qvalue	
9) Propene	2.674	41	128045	2.186	ppbv	95
13) Ethanol	3.237	45	17152	1.346	ppbv	73
15) Acetone	3.455	43	433479	3.489	ppbv	92
20) Methylene Chloride	3.912	84	65383	1.237	ppbv	86
26) Hexane	5.195	57	225145	2.049	ppbv #	41
34) 2-Butanone	4.787	43	52268	0.369	ppbv #	84
36) Benzene	6.352	78	16128m	0.070	ppbv	

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

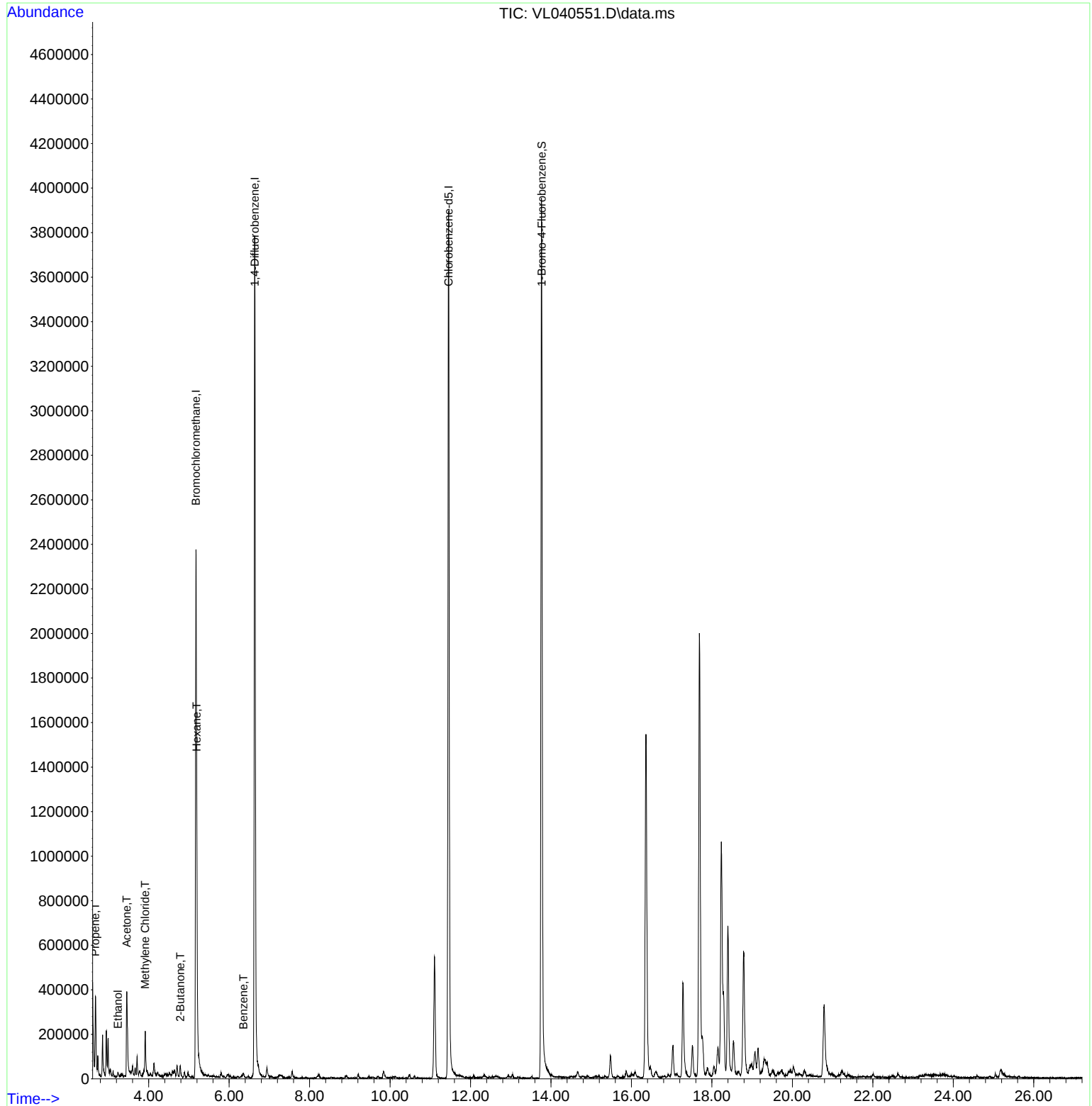
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
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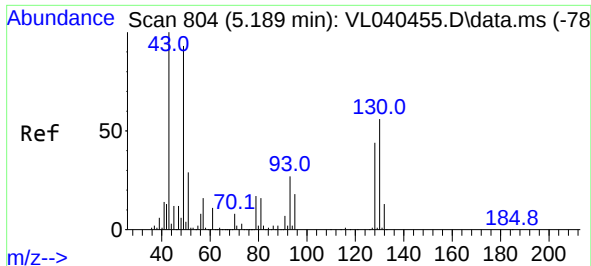
Instrument :
MSVOA_L
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SV-18-20230721DL

Quant Time: Jul 27 01:52:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
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QLast Update : Mon Jul 10 16:32:00 2023
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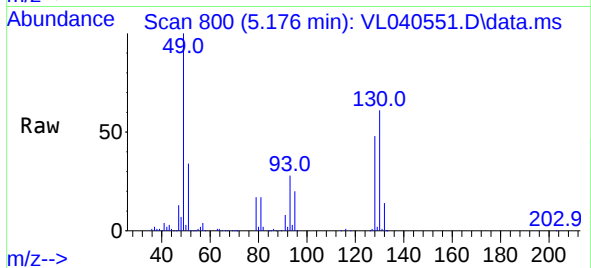
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040551.D
Acq: 26 Jul 2023 21:57

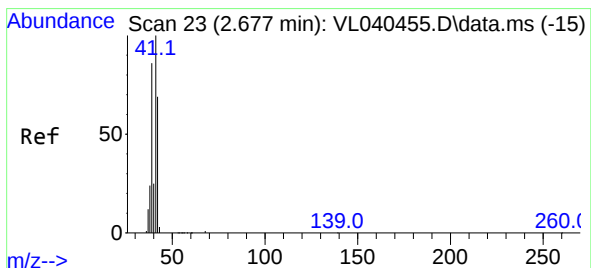
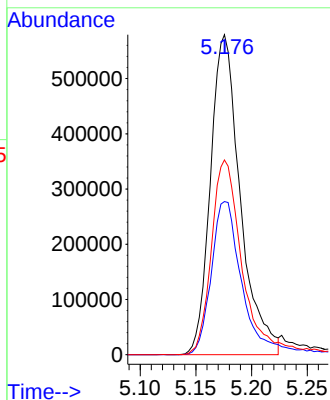
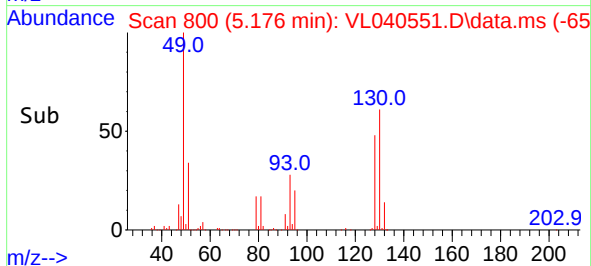
Instrument :
MSVOA_L
ClientSampleId :
SV-18-20230721DL



Tgt Ion: 49 Resp: 107939
Ion Ratio Lower Upper
49 100
128 51.1 25.1 75.4
130 66.0 31.6 94.7

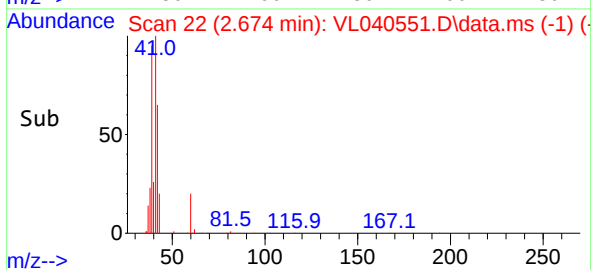
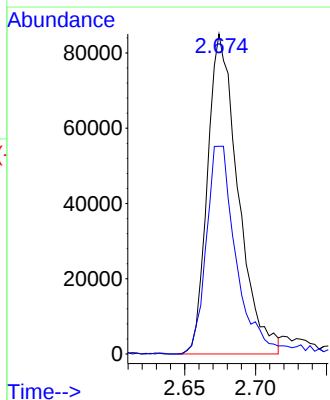
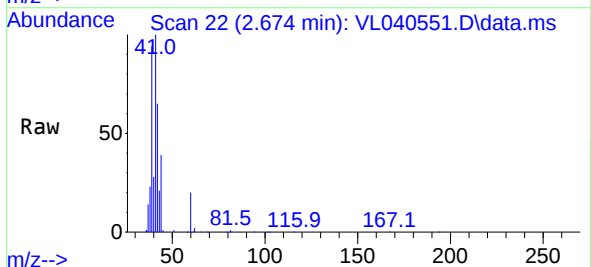
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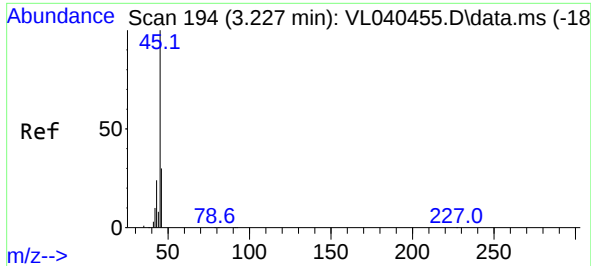
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#9
Propene
Concen: 2.186 ppbv
RT: 2.674 min Scan# 22
Delta R.T. -0.029 min
Lab File: VL040551.D
Acq: 26 Jul 2023 21:57

Tgt Ion: 41 Resp: 128045
Ion Ratio Lower Upper
41 100
42 64.5 55.0 82.6





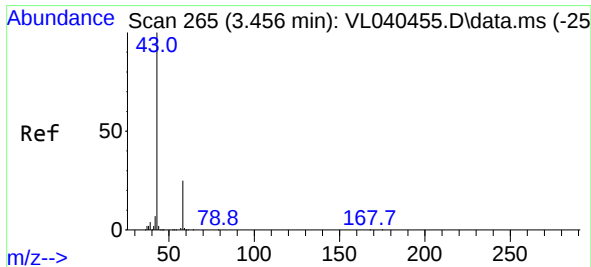
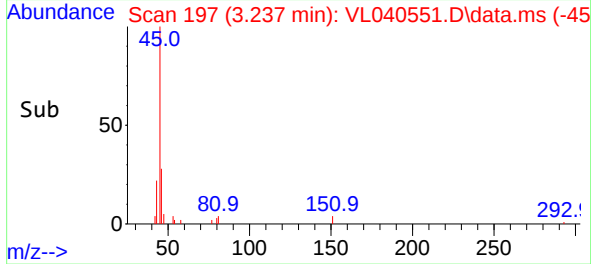
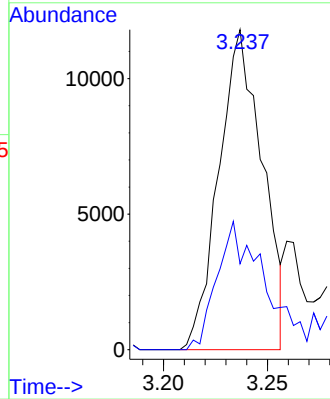
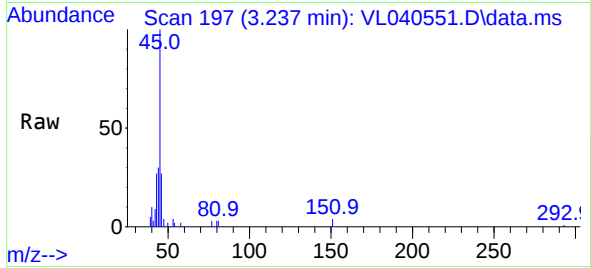
#13
Ethanol
Concen: 1.346 ppbv
RT: 3.237 min Scan# 194
Delta R.T. -0.010 min
Lab File: VL040551.D
Acq: 26 Jul 2023 21:57

Instrument :
MSVOA_L
ClientSampleId :
SV-18-20230721DL

Tgt Ion: 45 Resp: 17152
Ion Ratio Lower Upper
45 100
46 54.5 15.3 61.1

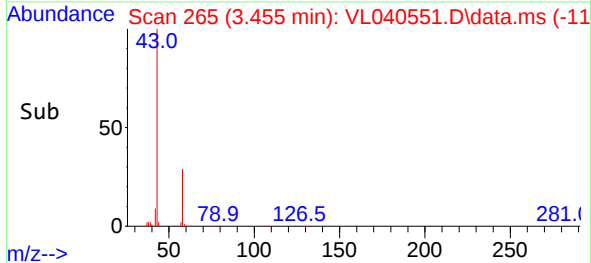
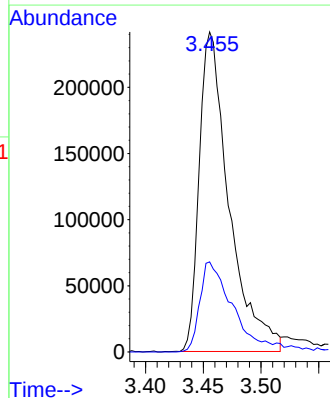
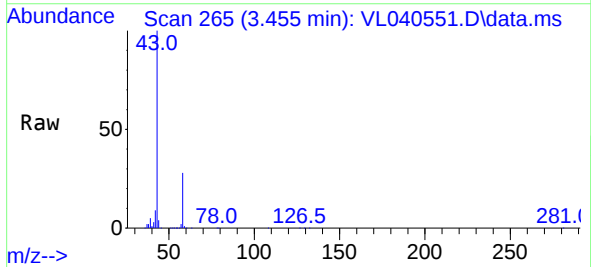
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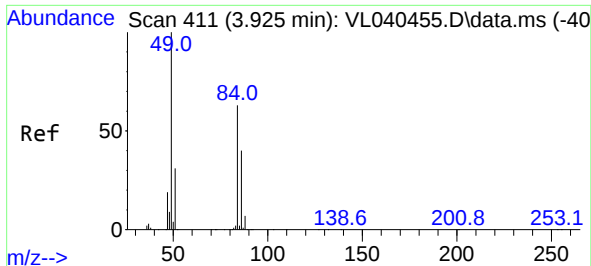
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#15
Acetone
Concen: 3.489 ppbv
RT: 3.455 min Scan# 265
Delta R.T. -0.019 min
Lab File: VL040551.D
Acq: 26 Jul 2023 21:57

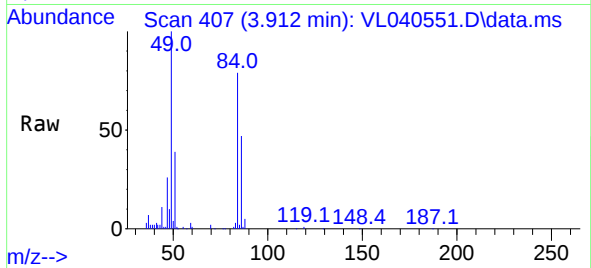
Tgt Ion: 43 Resp: 433479
Ion Ratio Lower Upper
43 100
58 32.8 22.9 34.3





#20
Methylene Chloride
Concen: 1.237 ppbv
RT: 3.912 min Scan# 407
Delta R.T. -0.029 min
Lab File: VL040551.D
Acq: 26 Jul 2023 21:57

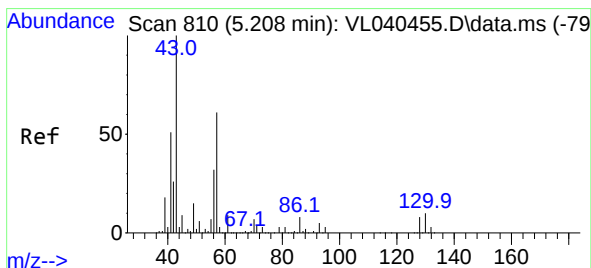
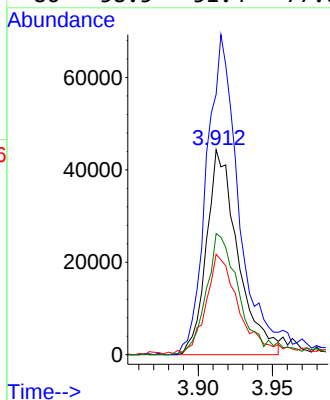
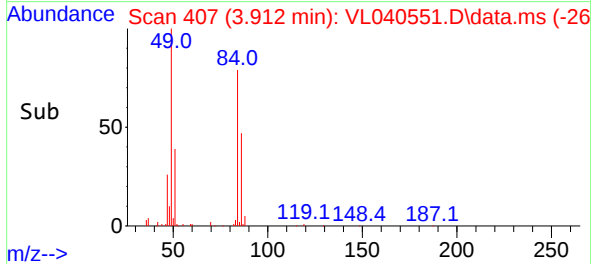
Instrument :
MSVOA_L
ClientSampleId :
SV-18-20230721DL



Tgt Ion: 84 Resp: 6538
Ion Ratio Lower Upper
84 100
49 126.9 123.4 185.2
51 47.0 38.3 57.5
86 58.5 51.4 77.0

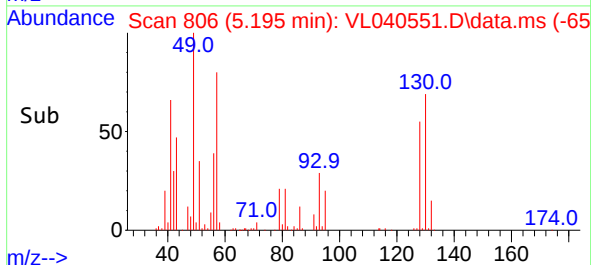
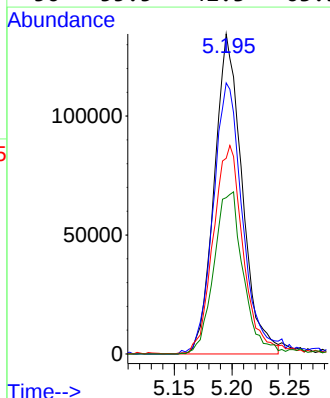
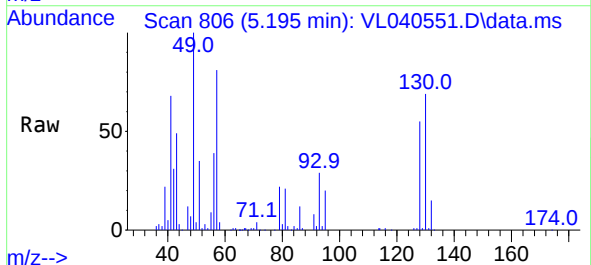
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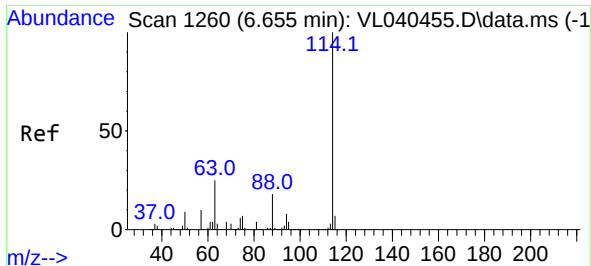
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#26
Hexane
Concen: 2.049 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.026 min
Lab File: VL040551.D
Acq: 26 Jul 2023 21:57

Tgt Ion: 57 Resp: 225145
Ion Ratio Lower Upper
57 100
41 93.8 69.5 104.3
43 72.3 177.1 265.7#
56 55.5 42.3 63.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 114

Delta R.T. -0.029 min

Lab File: VL040551.D

Acq: 26 Jul 2023 21:57

Instrument :

MSVOA_L

ClientSampleId :

SV-18-20230721DL

Tgt Ion:114 Resp: 2864570

Ion Ratio Lower Upper

114 100

63 25.0 19.6 29.4

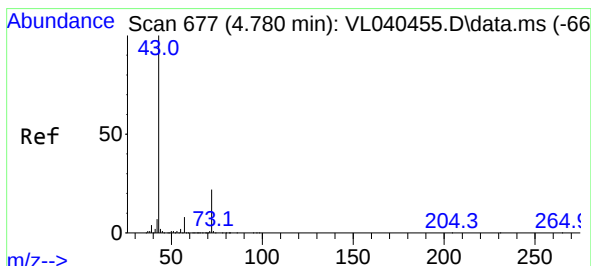
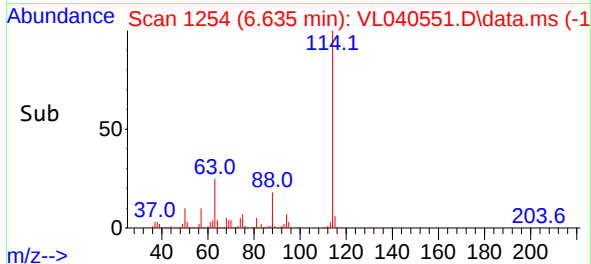
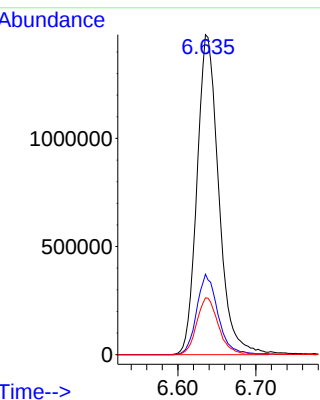
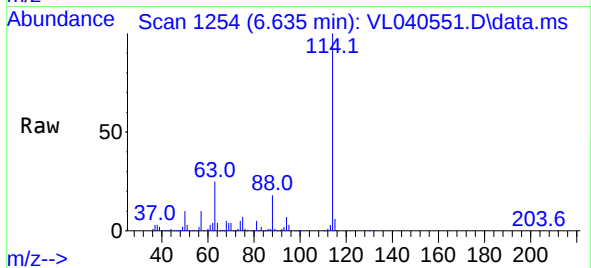
88 18.0 14.2 21.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#34

2-Butanone

Concen: 0.369 ppbv

RT: 4.787 min Scan# 679

Delta R.T. -0.007 min

Lab File: VL040551.D

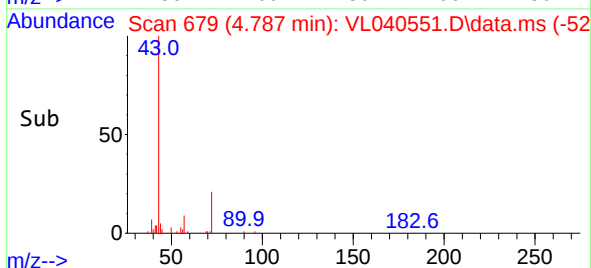
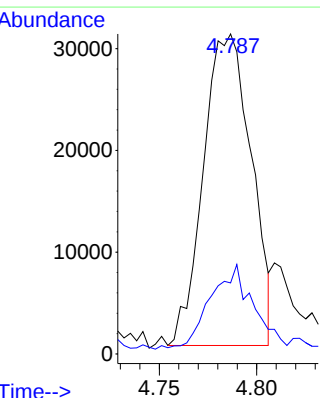
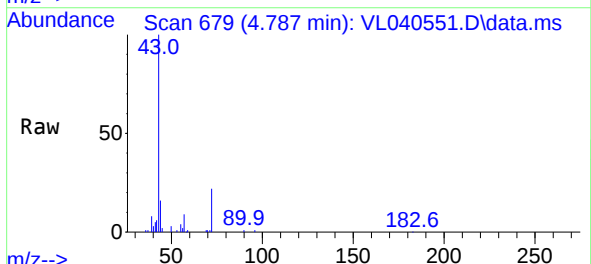
Acq: 26 Jul 2023 21:57

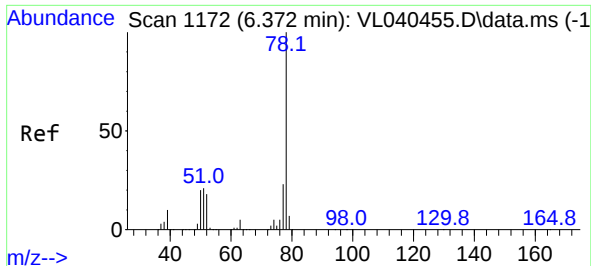
Tgt Ion: 43 Resp: 52268

Ion Ratio Lower Upper

43 100

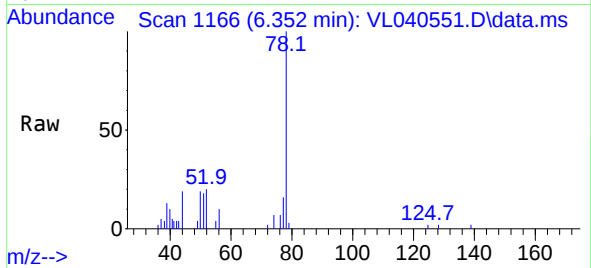
72 31.9 19.1 28.7#





#36
Benzene
Concen: 0.070 ppbv m
RT: 6.352 min Scan# 1166
Delta R.T. -0.029 min
Lab File: VL040551.D
Acq: 26 Jul 2023 21:57

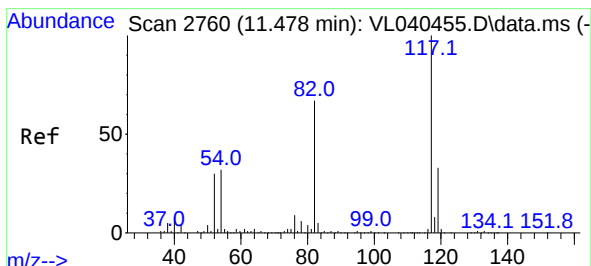
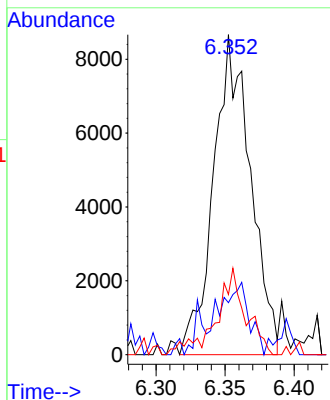
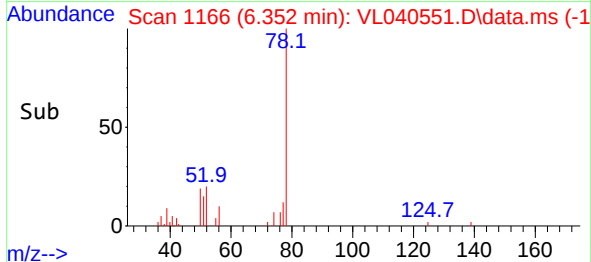
Instrument :
MSVOA_L
ClientSampleId :
SV-18-20230721DL



Tgt Ion: 78 Resp: 16128
Ion Ratio Lower Upper
78 100
77 16.3 17.4 26.0
50 18.8 14.4 21.6

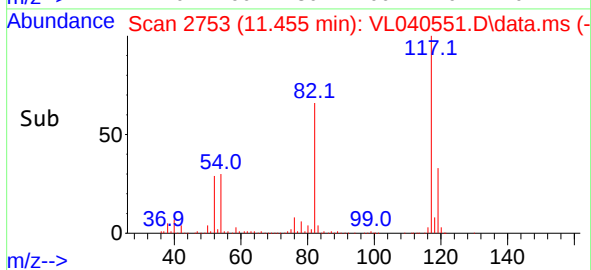
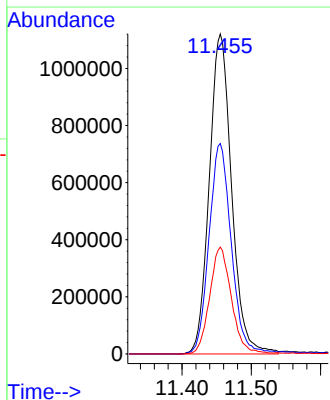
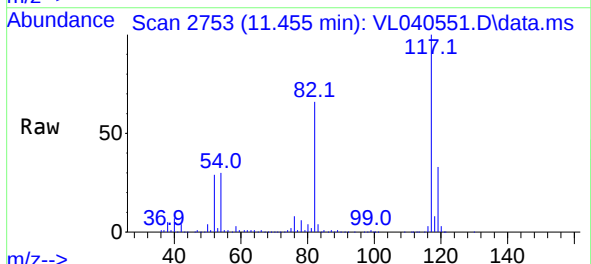
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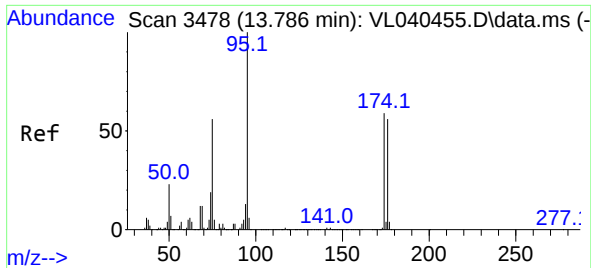
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2753
Delta R.T. -0.023 min
Lab File: VL040551.D
Acq: 26 Jul 2023 21:57

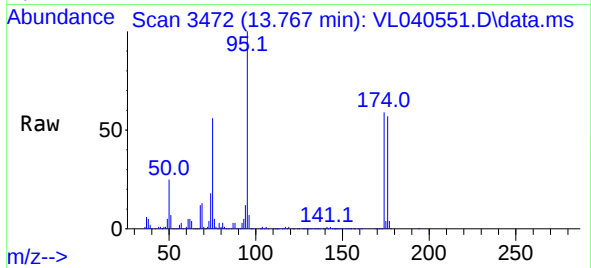
Tgt Ion:117 Resp: 2508057
Ion Ratio Lower Upper
117 100
82 67.0 50.2 75.4
119 33.0 26.9 40.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.888 ppbv
RT: 13.767 min Scan# 34
Delta R.T. -0.016 min
Lab File: VL040551.D
Acq: 26 Jul 2023 21:57

Instrument :
MSVOA_L
ClientSampleId :
SV-18-20230721DL



Tgt Ion: 95 Resp: 1962678
Ion Ratio Lower Upper
95 100
174 61.2 50.6 75.8
175 4.5 3.7 5.5

Manual Integrations
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