

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040385.D
 Acq On : 19 Apr 2023 18:32
 Operator : SY/MD
 Sample : 02332-07DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-15-20230413DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 20 05:12:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1078231	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2790469	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2465676	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1971631	9.670	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.700%
Target Compounds						
2) Dichlorodifluoromethane	2.710	85	8203	0.042	ppbv	94
9) Propene	2.677	41	159194	2.860	ppbv	96
15) Acetone	3.459	43	288316	1.888	ppbv #	78
17) tert-Butyl alcohol	3.886	59	29342	0.209	ppbv #	88
20) Methylene Chloride	3.922	84	78325	1.285	ppbv	97
26) Hexane	5.201	57	106547	0.984	ppbv #	37
34) 2-Butanone	4.793	43	53242m	0.354	ppbv	
36) Benzene	6.362	78	19773m	0.087	ppbv	
53) Toluene	9.217	91	35894	0.149	ppbv	95

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

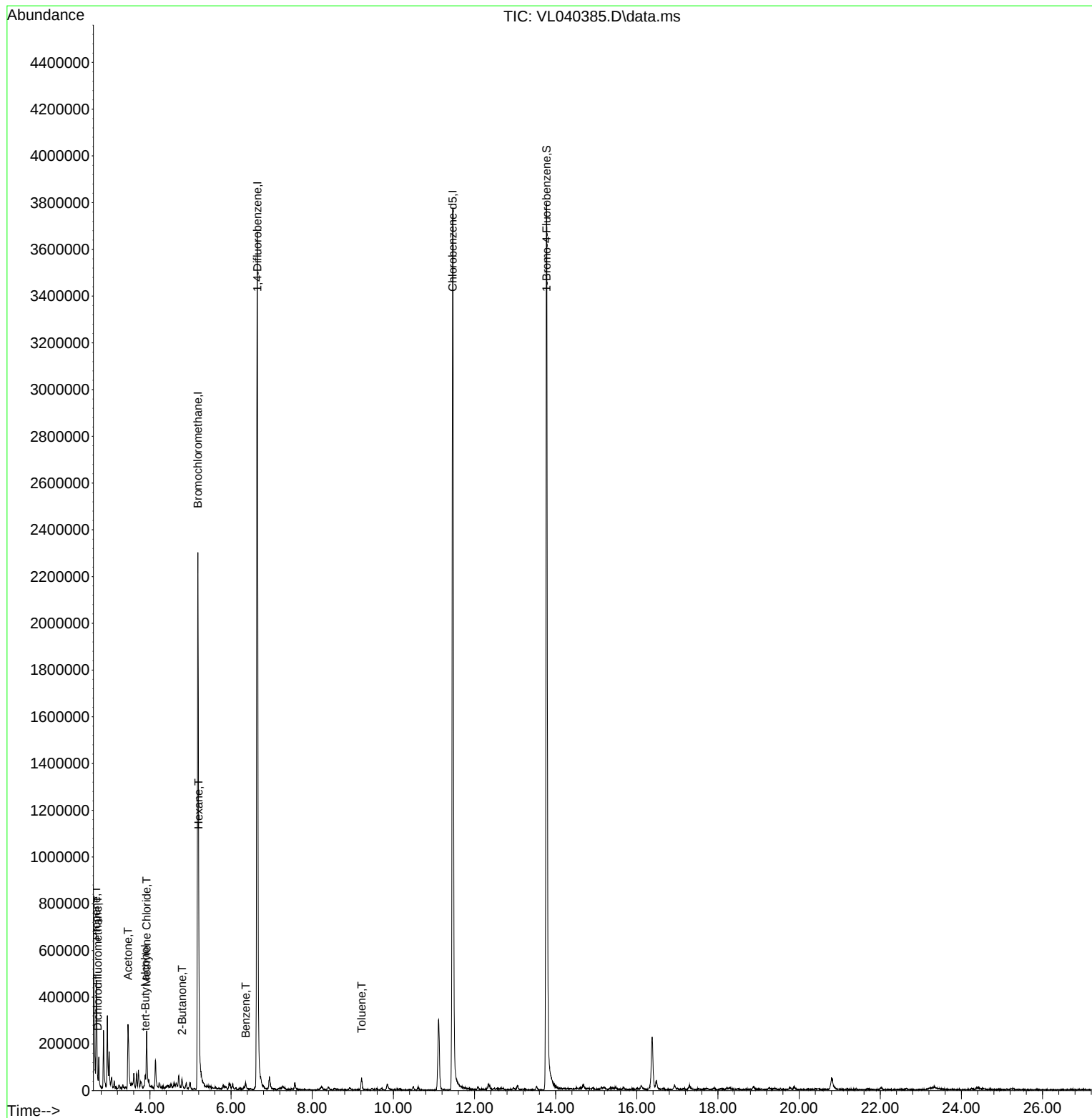
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
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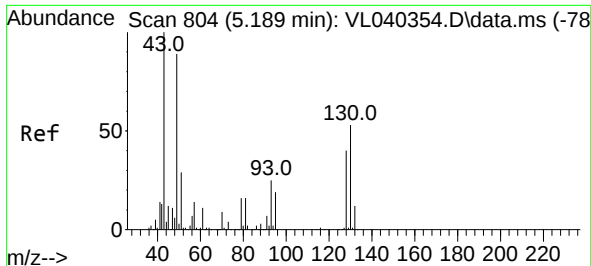
Instrument :
MSVOA_L
ClientSampleId :
SV-15-20230413DL

Quant Time: Apr 20 05:12:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
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QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration

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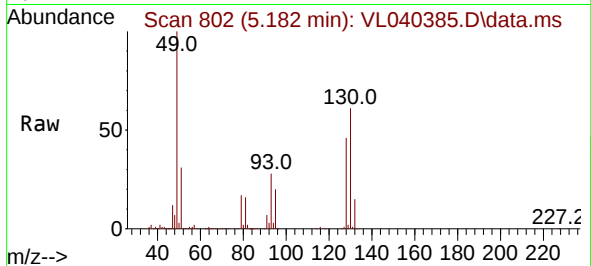
Reviewed By : Semsettin Yesilyurt 04/20/2023
Supervised By : Mahesh Dadoda 04/22/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 804
Delta R.T. -0.007 min
Lab File: VL040385.D
Acq: 19 Apr 2023 18:32

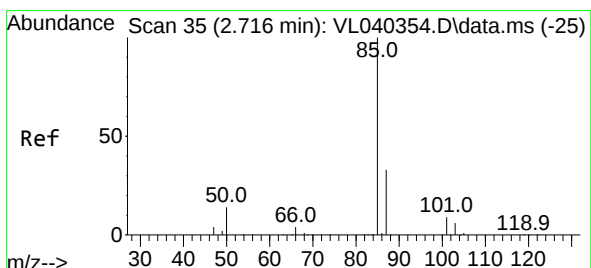
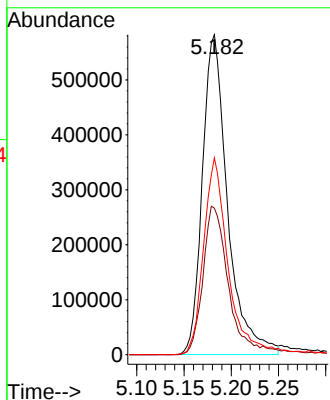
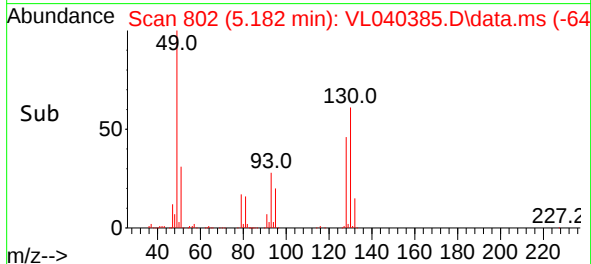
Instrument :
MSVOA_L
ClientSampleId :
SV-15-20230413DL



Tgt Ion: 49 Resp: 107823
Ion Ratio Lower Upper
49 100
128 48.9 23.7 71.1
130 61.9 29.9 89.8

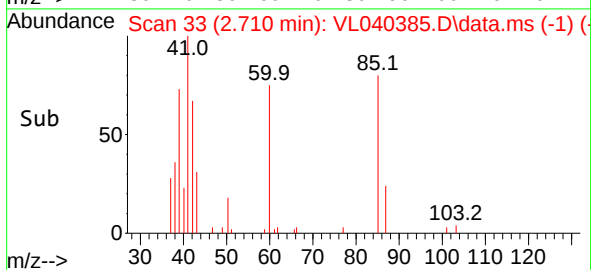
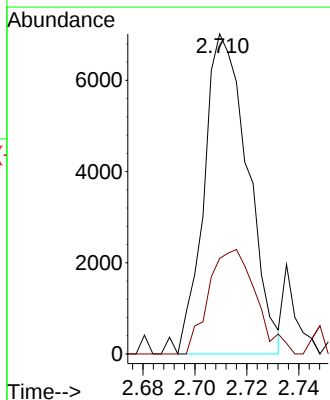
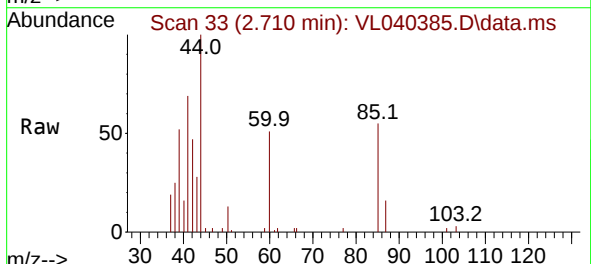
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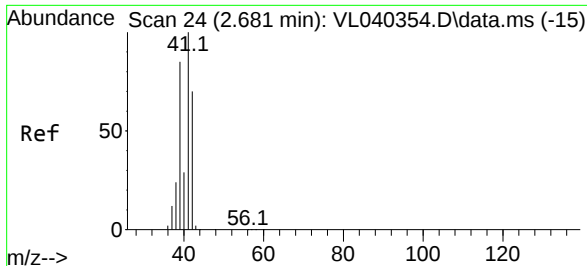
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#2
Dichlorodifluoromethane
Concen: 0.042 ppbv
RT: 2.710 min Scan# 33
Delta R.T. -0.006 min
Lab File: VL040385.D
Acq: 19 Apr 2023 18:32

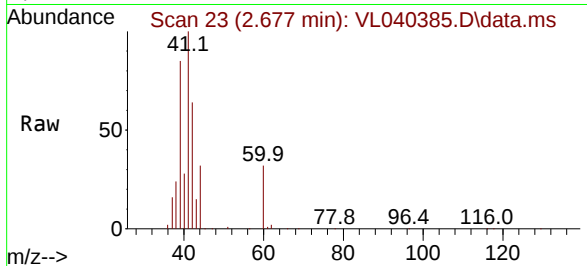
Tgt Ion: 85 Resp: 8203
Ion Ratio Lower Upper
85 100
87 29.8 26.6 40.0





#9
Propene
Concen: 2.860 ppbv
RT: 2.677 min Scan# 21
Delta R.T. -0.004 min
Lab File: VL040385.D
Acq: 19 Apr 2023 18:32

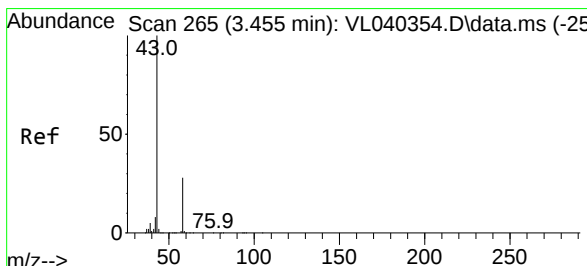
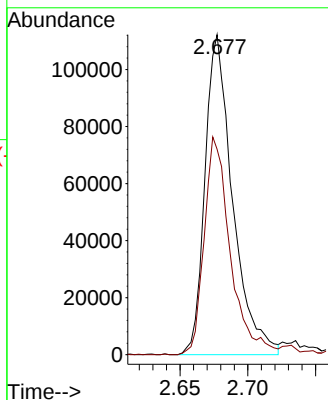
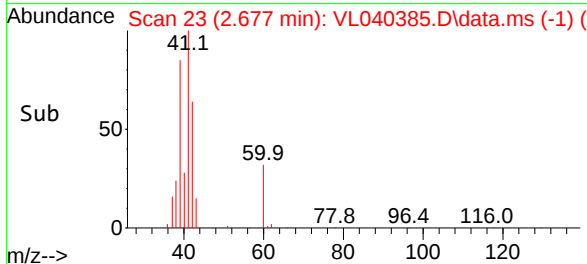
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ClientSampleId :
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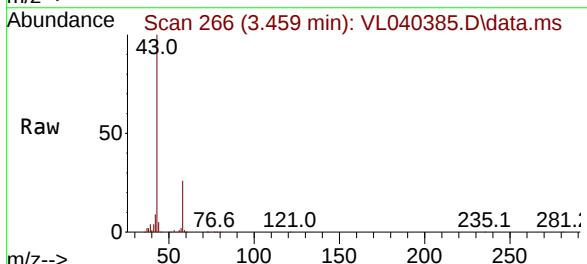
Tgt Ion: 41 Resp: 159194
Ion Ratio Lower Upper
41 100
42 67.2 56.5 84.7

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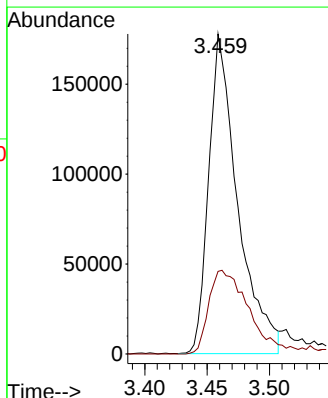
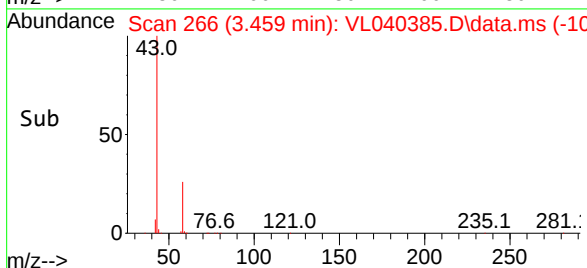
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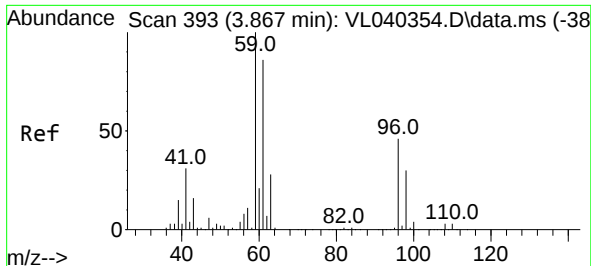


#15
Acetone
Concen: 1.888 ppbv
RT: 3.459 min Scan# 266
Delta R.T. 0.004 min
Lab File: VL040385.D
Acq: 19 Apr 2023 18:32



Tgt Ion: 43 Resp: 288316
Ion Ratio Lower Upper
43 100
58 39.4 22.2 33.2





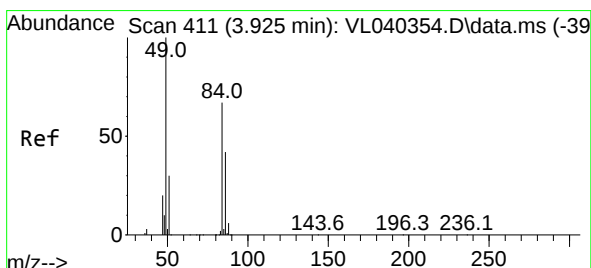
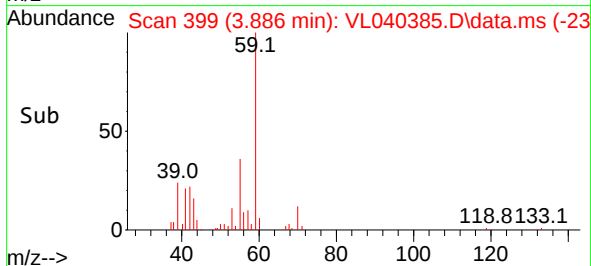
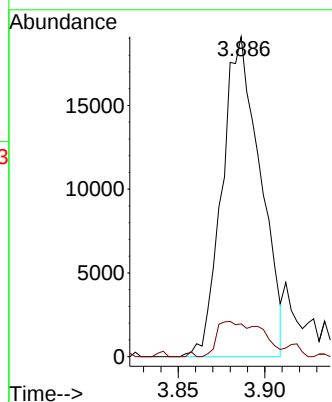
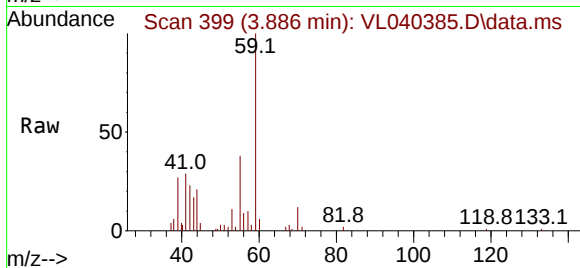
#17
tert-Butyl alcohol
Concen: 0.209 ppbv
RT: 3.886 min Scan# 393
Delta R.T. 0.019 min
Lab File: VL040385.D
Acq: 19 Apr 2023 18:32

Instrument :
MSVOA_L
ClientSampleId :
SV-15-20230413DL

Tgt Ion: 59 Resp: 2934
Ion Ratio Lower Upper
59 100
57 15.1 8.5 12.7

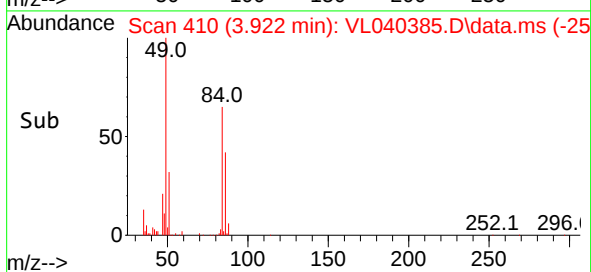
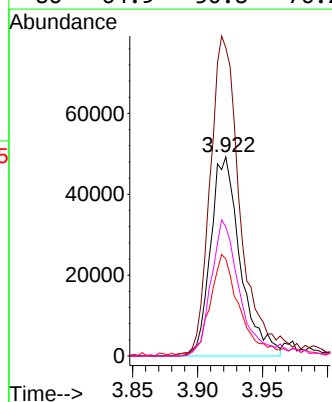
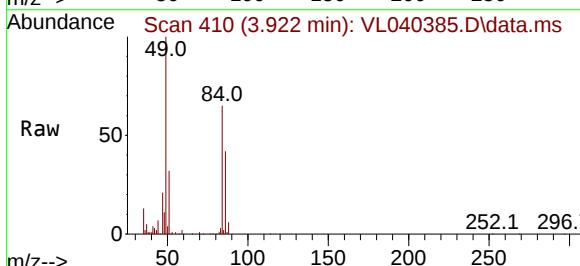
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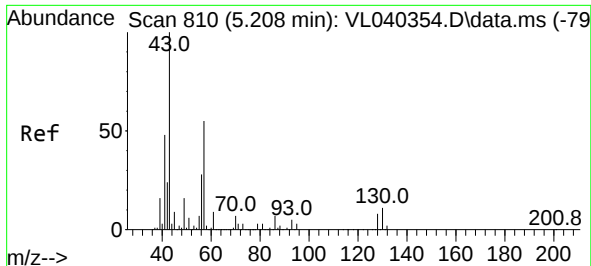
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#20
Methylene Chloride
Concen: 1.285 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.003 min
Lab File: VL040385.D
Acq: 19 Apr 2023 18:32

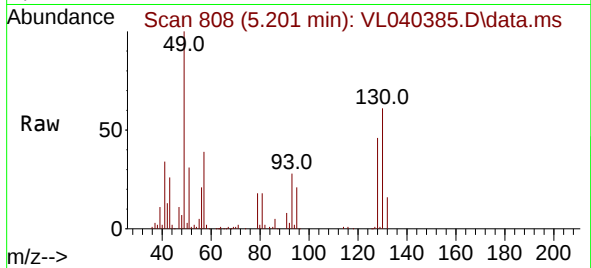
Tgt Ion: 84 Resp: 78325
Ion Ratio Lower Upper
84 100
49 153.8 120.1 180.1
51 47.5 36.3 54.5
86 64.9 50.8 76.2





#26
Hexane
Concen: 0.984 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040385.D
Acq: 19 Apr 2023 18:32

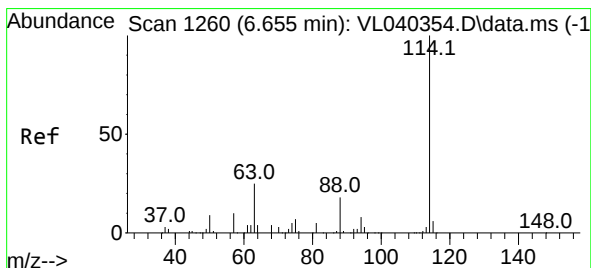
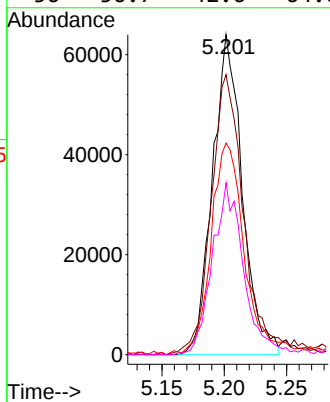
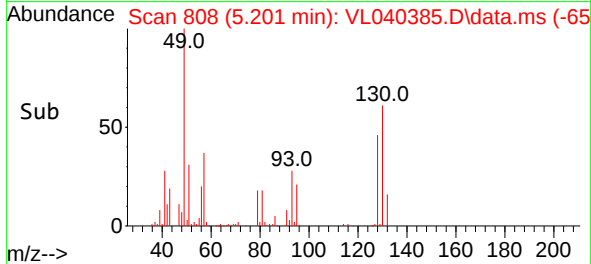
Instrument :
MSVOA_L
ClientSampleId :
SV-15-20230413DL



Tgt Ion: 57 Resp: 10654
Ion Ratio Lower Upper
57 100
41 99.1 74.8 112.2
43 74.7 192.7 289.1
56 56.7 42.6 64.0

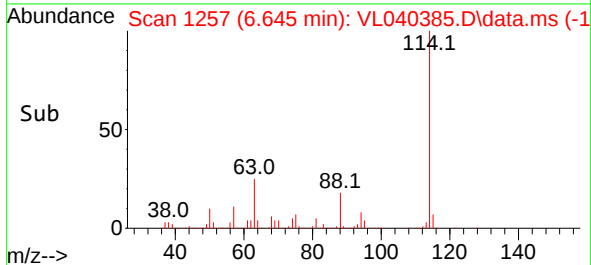
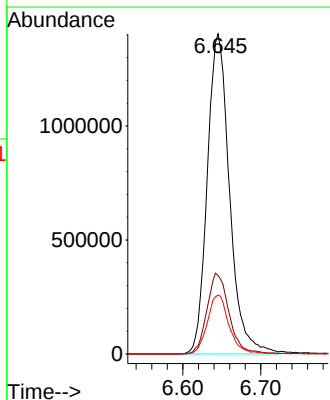
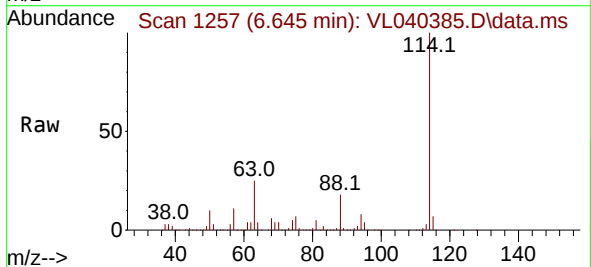
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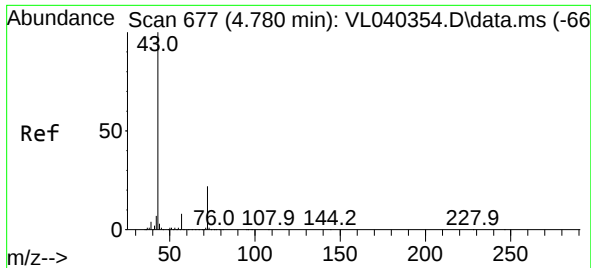
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.010 min
Lab File: VL040385.D
Acq: 19 Apr 2023 18:32

Tgt Ion:114 Resp: 2790469
Ion Ratio Lower Upper
114 100
63 25.2 21.4 32.0
88 18.1 14.6 22.0





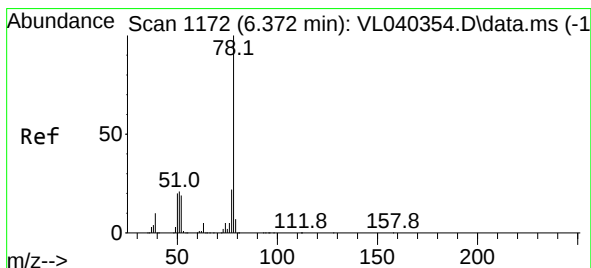
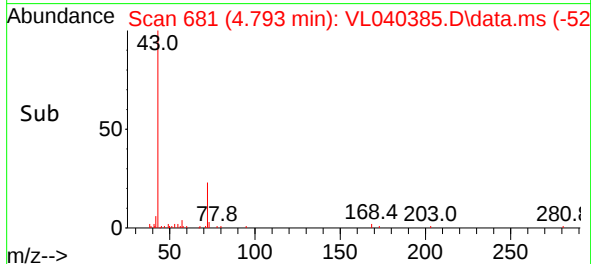
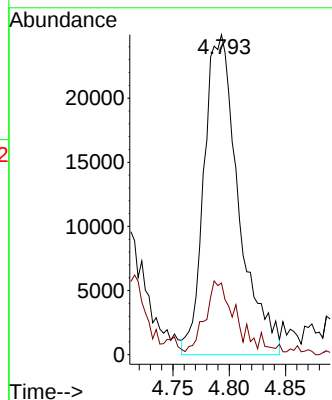
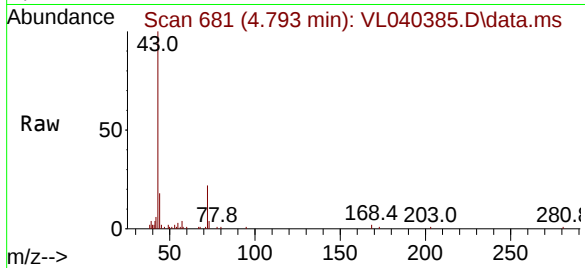
#34
2-Butanone
Concen: 0.354 ppbv m
RT: 4.793 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL040385.D
Acq: 19 Apr 2023 18:32

Instrument :
MSVOA_L
ClientSampleId :
SV-15-20230413DL

Tgt Ion: 43 Resp: 5324
Ion Ratio Lower Upper
43 100
72 22.0 18.4 27.6

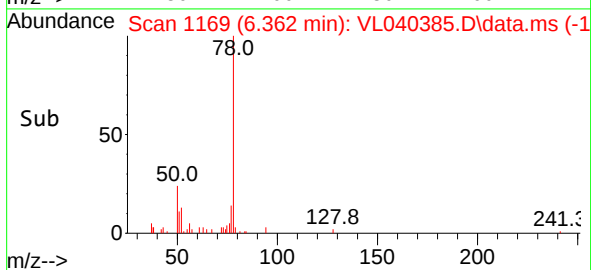
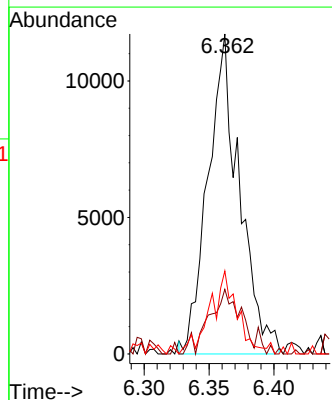
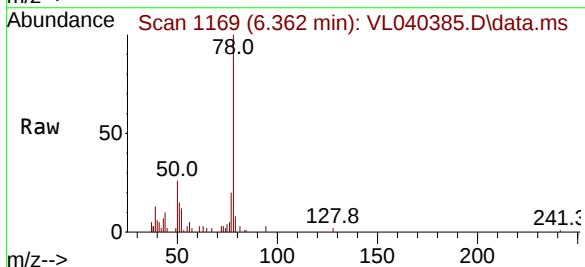
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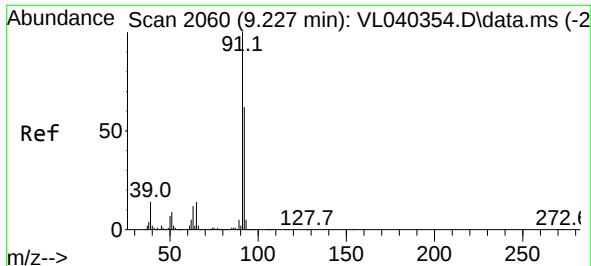
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#36
Benzene
Concen: 0.087 ppbv m
RT: 6.362 min Scan# 1169
Delta R.T. -0.010 min
Lab File: VL040385.D
Acq: 19 Apr 2023 18:32

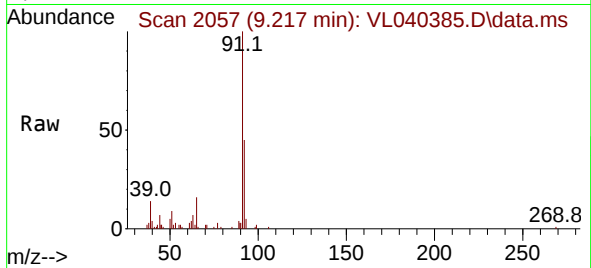
Tgt Ion: 78 Resp: 19773
Ion Ratio Lower Upper
78 100
77 20.2 17.8 26.8
50 26.0 15.6 23.4#





#53
Toluene
Concen: 0.149 ppbv
RT: 9.217 min Scan# 2060
Delta R.T. -0.010 min
Lab File: VL040385.D
Acq: 19 Apr 2023 18:32

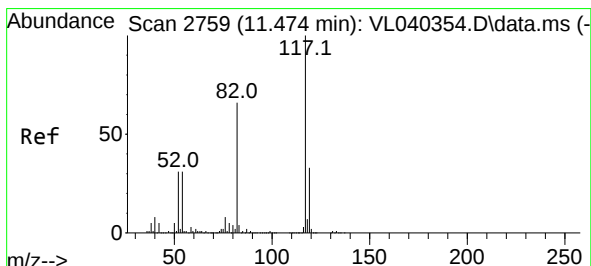
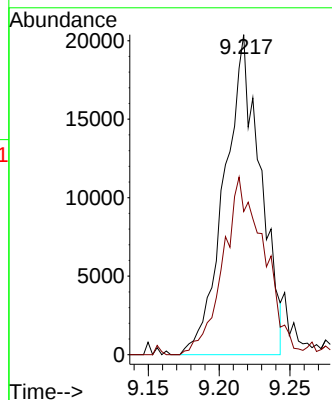
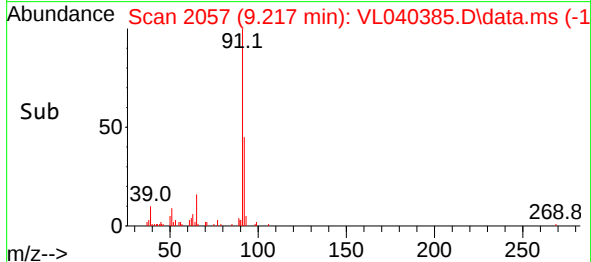
Instrument :
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ClientSampleId :
SV-15-20230413DL



Tgt Ion: 91 Resp: 35894
Ion Ratio Lower Upper
91 100
92 64.7 48.9 73.3

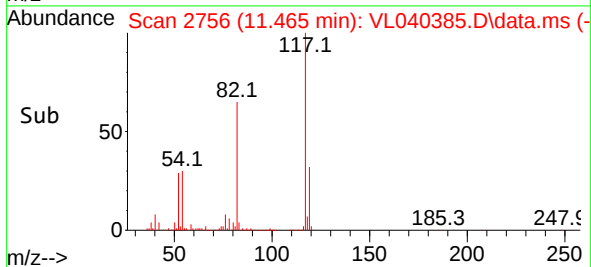
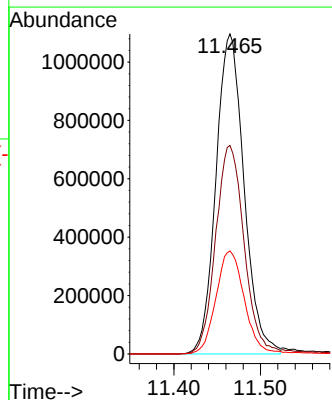
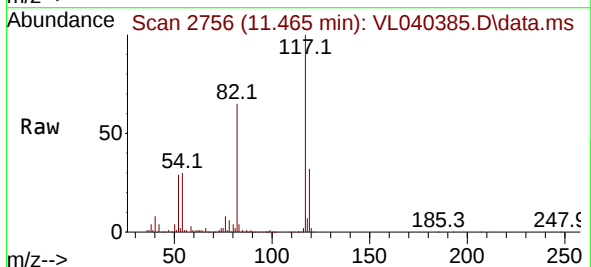
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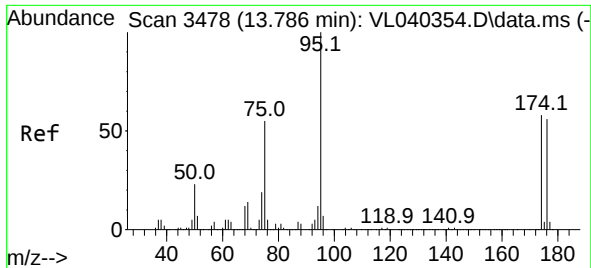
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.009 min
Lab File: VL040385.D
Acq: 19 Apr 2023 18:32

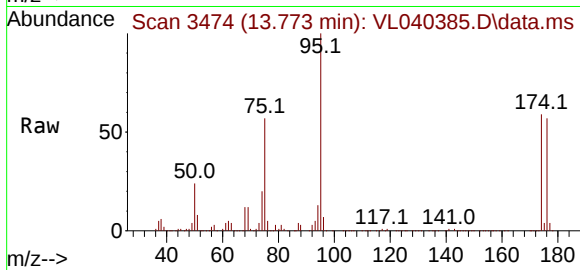
Tgt Ion:117 Resp: 2465676
Ion Ratio Lower Upper
117 100
82 67.6 52.5 78.7
119 33.0 24.3 36.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.670 ppbv
 RT: 13.773 min Scan# 34
 Delta R.T. -0.013 min
 Lab File: VL040385.D
 Acq: 19 Apr 2023 18:32

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-15-20230413DL



Tgt Ion: 95 Resp: 197163
 Ion Ratio Lower Upper
 95 100
 174 60.6 47.2 70.8
 175 4.2 3.5 5.3

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