

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039776.D
 Acq On : 25 Oct 2022 3:30
 Operator : SY/AP
 Sample : N5227-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 D

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 25 15:02:21 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Oct 24 20:00:55 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	879042	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2364570	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2118921	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1642494	10.897	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.751	85	23268	0.253	ppbv	91
3) Chlorodifluoromethane	2.697	51	36208	0.343	ppbv #	90
10) Heptane	7.581	43	28819m	0.265	ppbv	
11) Trichlorofluoromethane	3.581	101	30909	0.240	ppbv	96
15) Acetone	3.500	43	183911	1.752	ppbv	91
20) Methylene Chloride	3.951	84	42462	1.063	ppbv	85
26) Hexane	5.217	57	77183m	0.904	ppbv	
36) Benzene	6.368	78	45509m	0.250	ppbv	
52) Tetrachloroethene	10.616	164	4103m	0.060	ppbv	
53) Toluene	9.220	91	43118	0.226	ppbv #	78
73) 1,3,5-Trimethylbenzene	15.355	105	105318	0.500	ppbv #	80

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

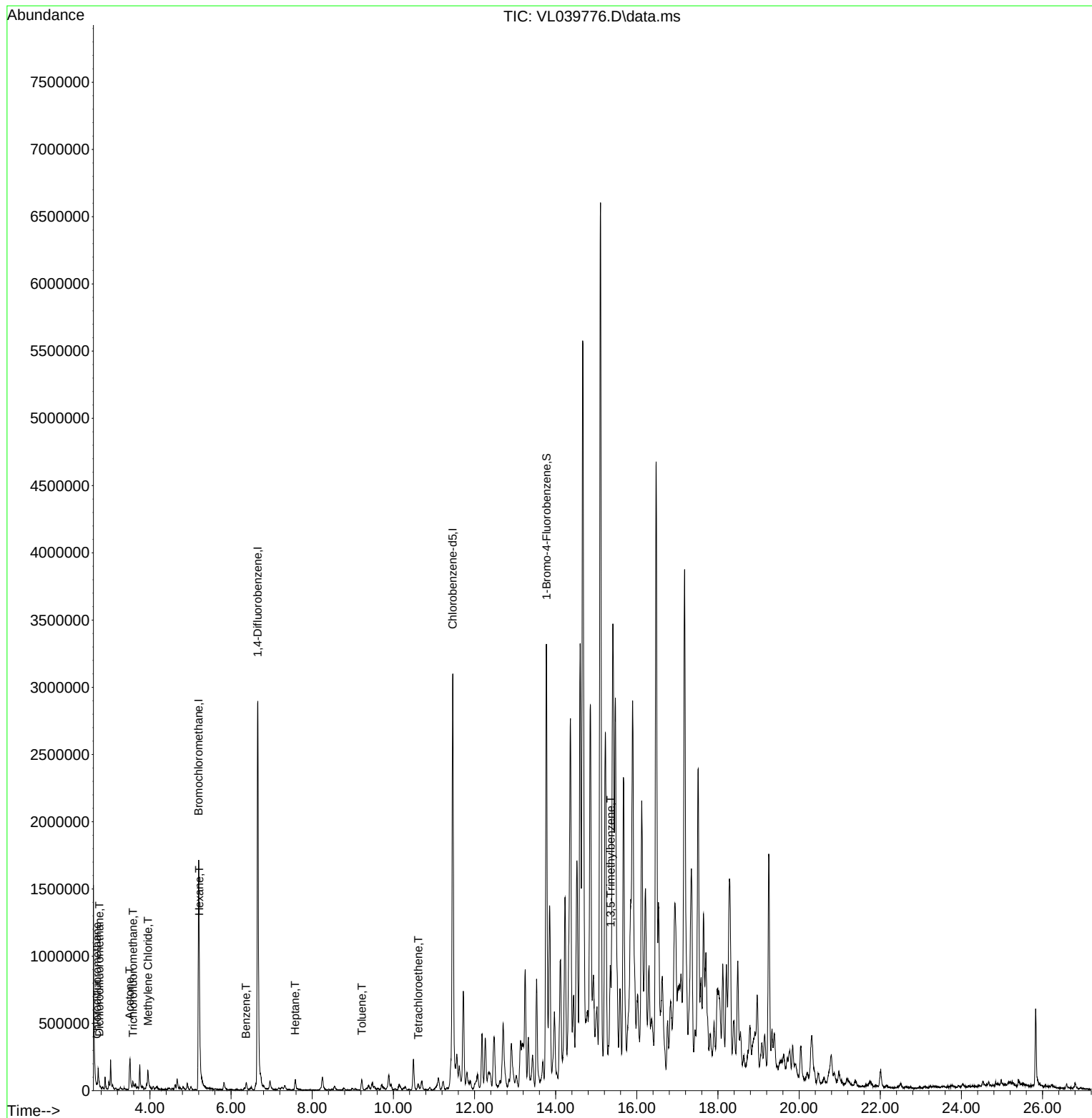
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039776.D
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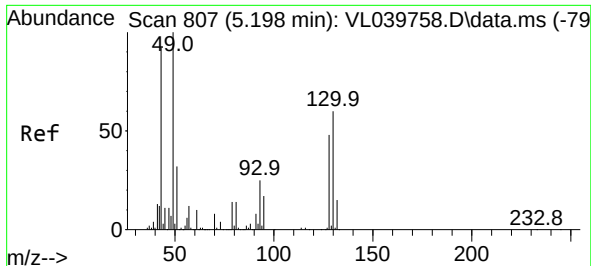
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Oct 25 15:02:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Oct 24 20:00:55 2022
Response via : Initial Calibration

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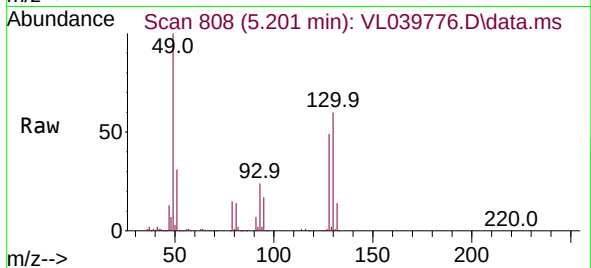
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039776.D
Acq: 25 Oct 2022 3:30

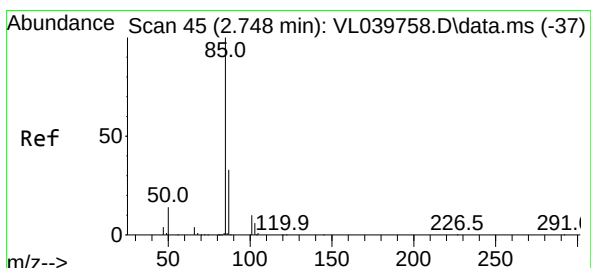
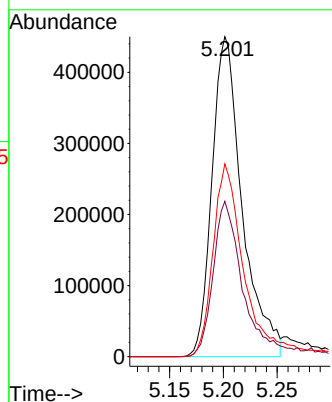
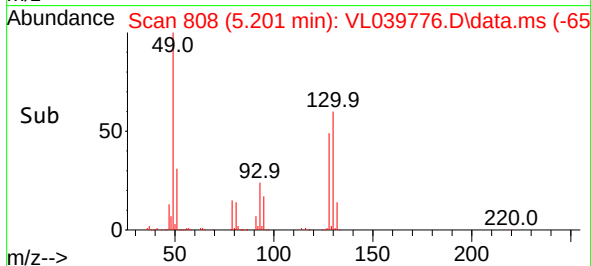
Instrument :
MSVOA_L
ClientSampleId :
D



Tgt Ion: 49 Resp: 87904
Ion Ratio Lower Upper
49 100
128 51.5 24.6 74.0
130 65.9 31.8 95.3

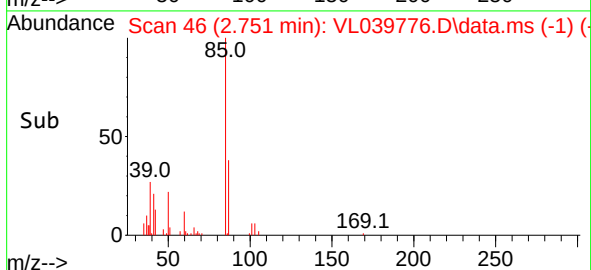
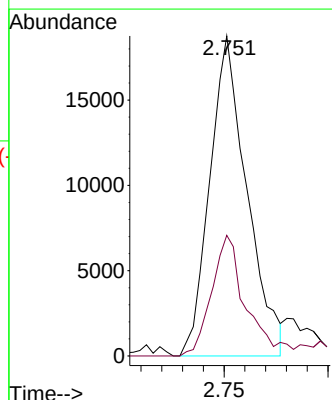
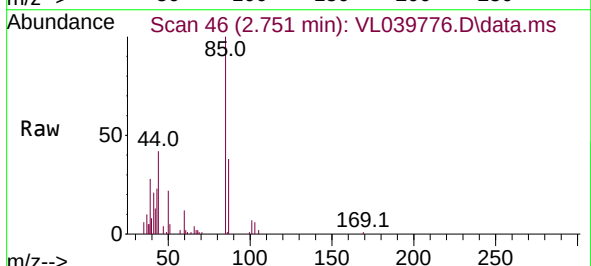
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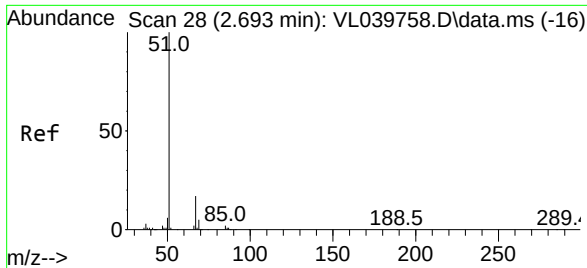
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 0.253 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.003 min
Lab File: VL039776.D
Acq: 25 Oct 2022 3:30

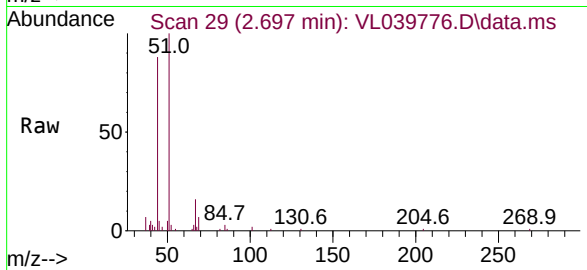
Tgt Ion: 85 Resp: 23268
Ion Ratio Lower Upper
85 100
87 37.7 26.1 39.1





#3
 Chlorodifluoromethane
 Concen: 0.343 ppbv
 RT: 2.697 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VL039776.D
 Acq: 25 Oct 2022 3:30

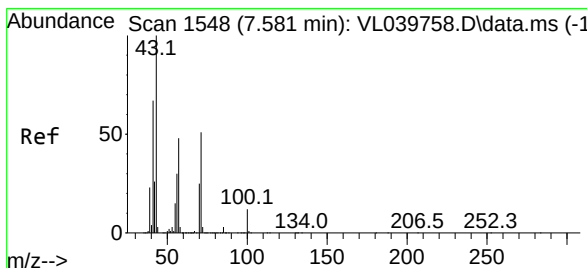
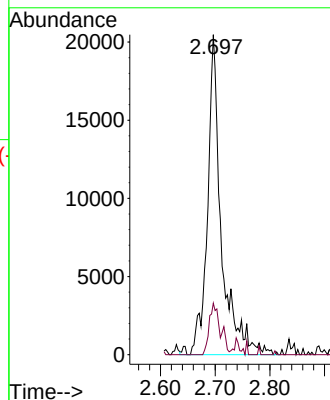
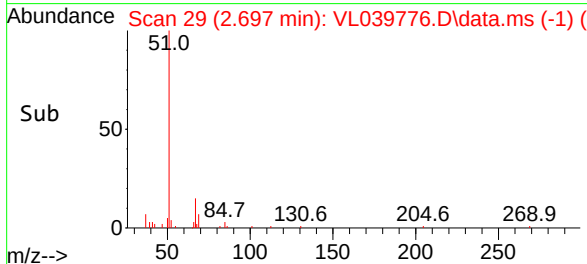
Instrument :
 MSVOA_L
 ClientSampleId :
 D



Tgt Ion: 51 Resp: 36208
 Ion Ratio Lower Upper
 51 100
 67 13.2 14.2 21.2

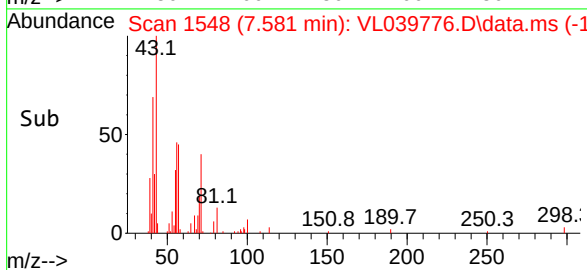
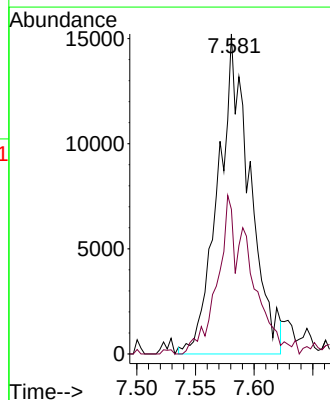
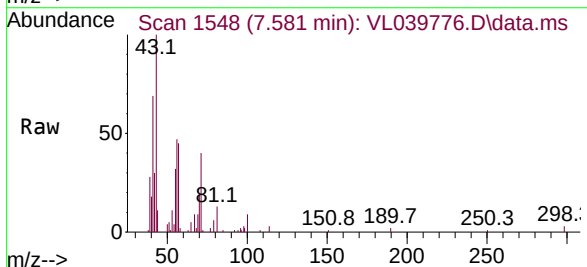
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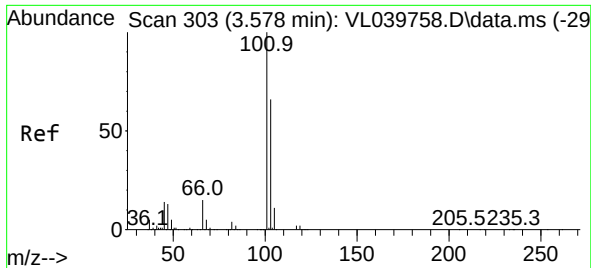
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#10
 Heptane
 Concen: 0.265 ppbv m
 RT: 7.581 min Scan# 1548
 Delta R.T. -0.000 min
 Lab File: VL039776.D
 Acq: 25 Oct 2022 3:30

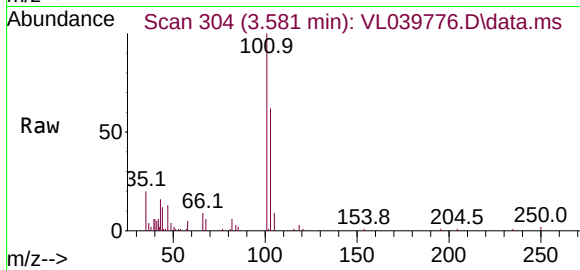
Tgt Ion: 43 Resp: 28819
 Ion Ratio Lower Upper
 43 100
 57 0.0 40.0 60.0





#11
 Trichlorofluoromethane
 Concen: 0.240 ppbv
 RT: 3.581 min Scan# 303
 Delta R.T. 0.003 min
 Lab File: VL039776.D
 Acq: 25 Oct 2022 3:30

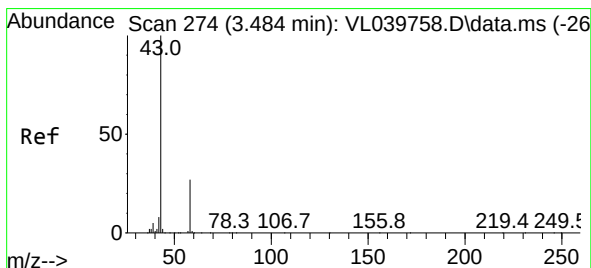
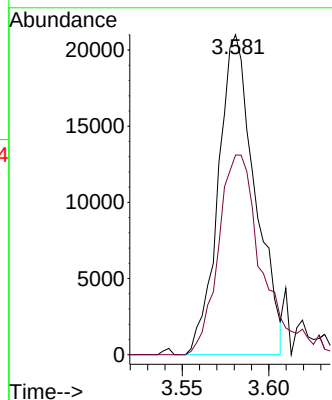
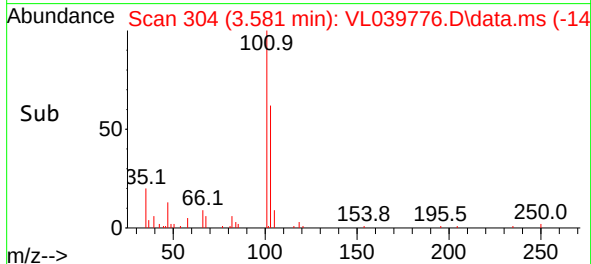
Instrument :
 MSVOA_L
 ClientSampleId :
 D



Tgt Ion:101 Resp: 30909
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.7 79.1

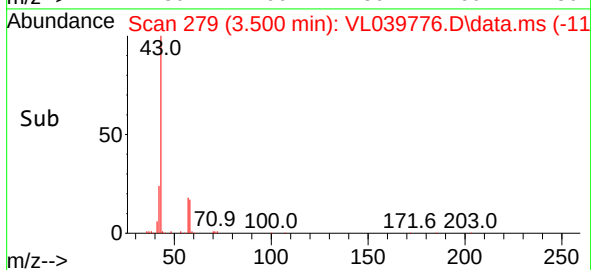
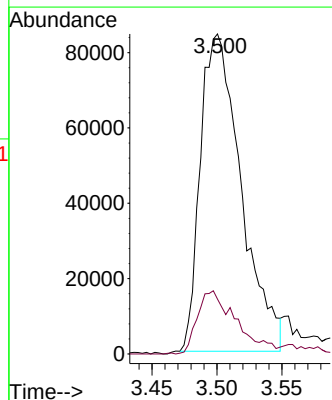
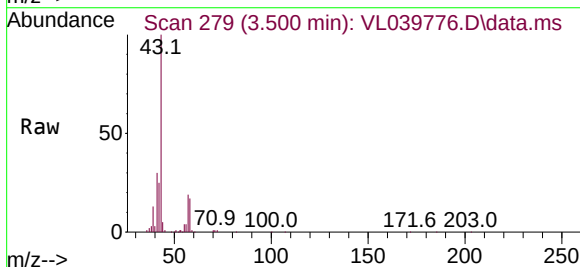
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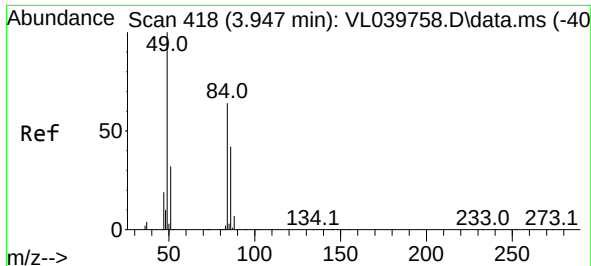
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#15
 Acetone
 Concen: 1.752 ppbv
 RT: 3.500 min Scan# 279
 Delta R.T. 0.016 min
 Lab File: VL039776.D
 Acq: 25 Oct 2022 3:30

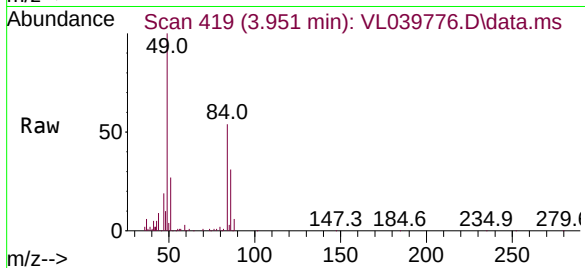
Tgt Ion: 43 Resp: 183911
 Ion Ratio Lower Upper
 43 100
 58 21.4 20.7 31.1





#20
Methylene Chloride
Concen: 1.063 ppbv
RT: 3.951 min Scan# 418
Delta R.T. 0.003 min
Lab File: VL039776.D
Acq: 25 Oct 2022 3:30

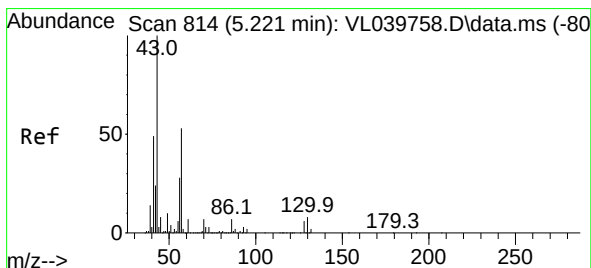
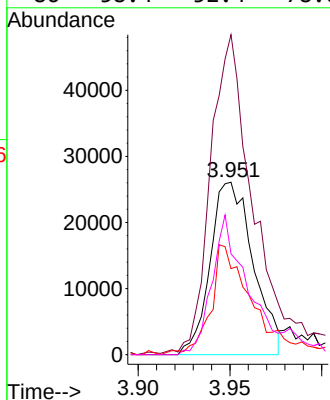
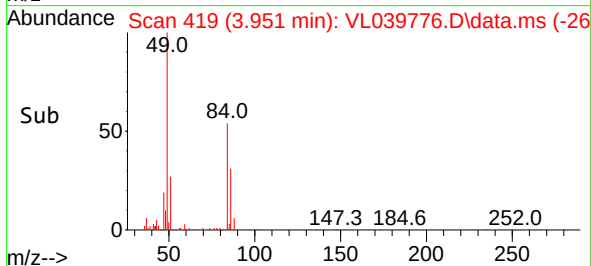
Instrument :
MSVOA_L
ClientSampleId :
D



Tgt Ion: 84 Resp: 42462
Ion Ratio Lower Upper
84 100
49 183.9 126.0 189.0
51 47.6 40.9 61.3
86 58.4 52.4 78.6

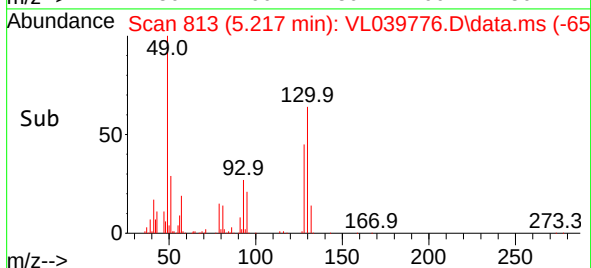
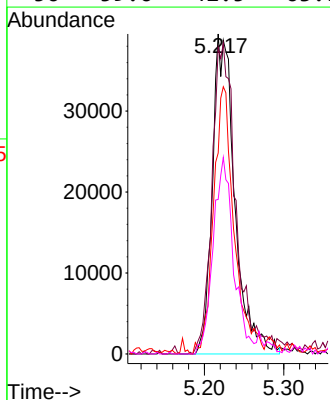
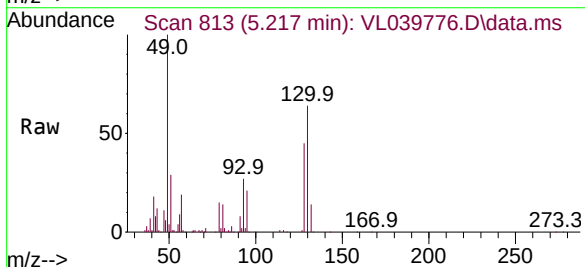
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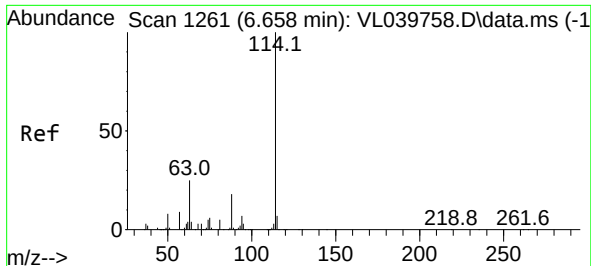
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#26
Hexane
Concen: 0.904 ppbv m
RT: 5.217 min Scan# 813
Delta R.T. -0.003 min
Lab File: VL039776.D
Acq: 25 Oct 2022 3:30

Tgt Ion: 57 Resp: 77183
Ion Ratio Lower Upper
57 100
41 106.6 76.1 114.1
43 81.6 197.1 295.7#
56 59.6 42.5 63.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VL039776.D

Acq: 25 Oct 2022 3:30

Instrument :

MSVOA_L

ClientSampleId :

D

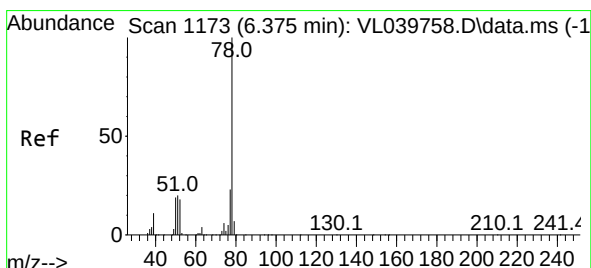
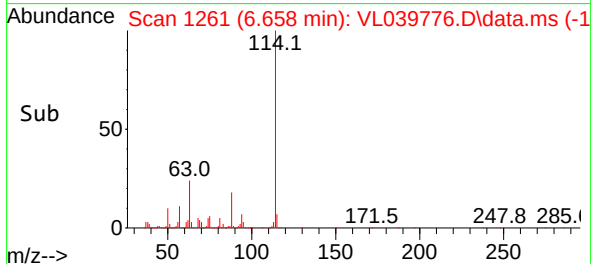
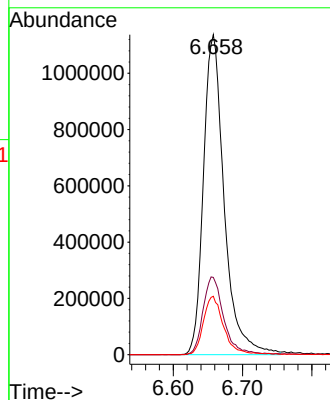
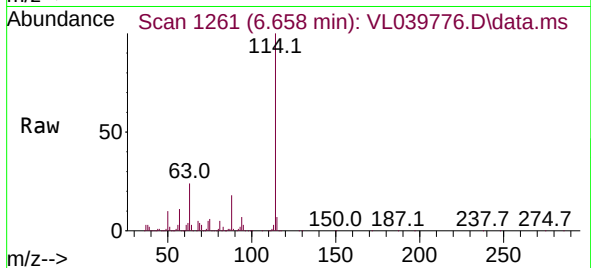
Tgt Ion:114 Resp: 2364570

Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.1	30.1
88	18.0	14.5	21.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36

Benzene

Concen: 0.250 ppbv m

RT: 6.368 min Scan# 1171

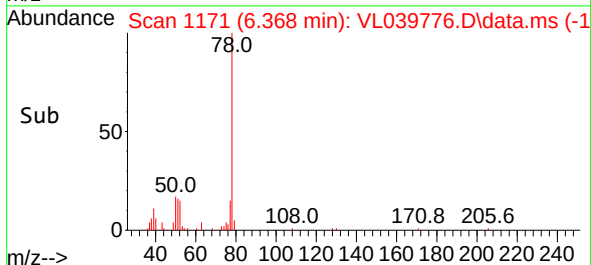
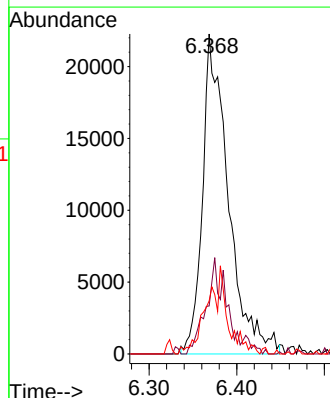
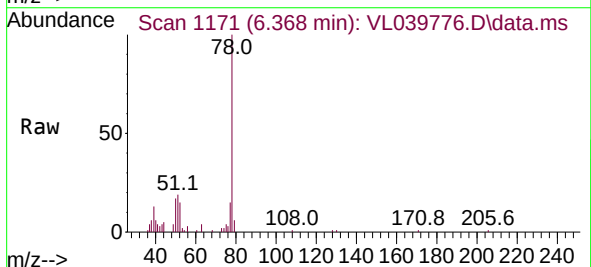
Delta R.T. -0.007 min

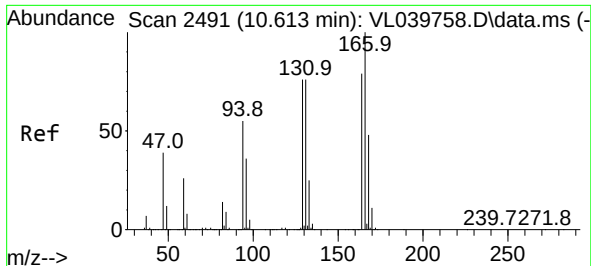
Lab File: VL039776.D

Acq: 25 Oct 2022 3:30

Tgt Ion: 78 Resp: 45509

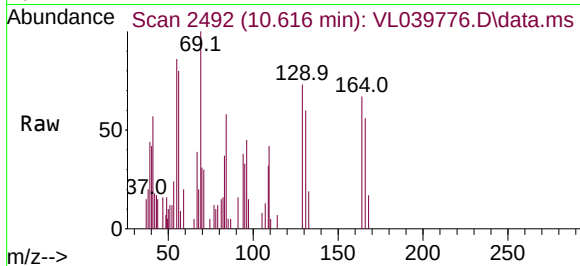
Ion	Ratio	Lower	Upper
78	100		
77	15.0	18.3	27.5#
50	16.6	15.2	22.8





#52
Tetrachloroethene
Concen: 0.060 ppbv m
RT: 10.616 min Scan# 2491
Delta R.T. 0.003 min
Lab File: VL039776.D
Acq: 25 Oct 2022 3:30

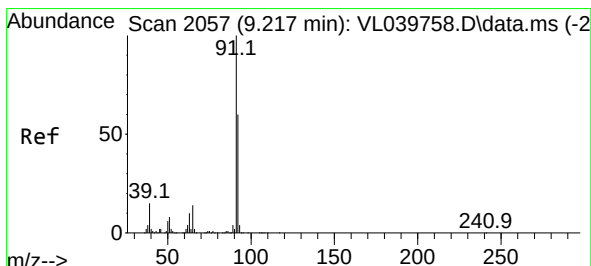
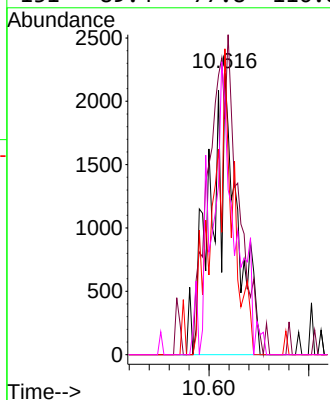
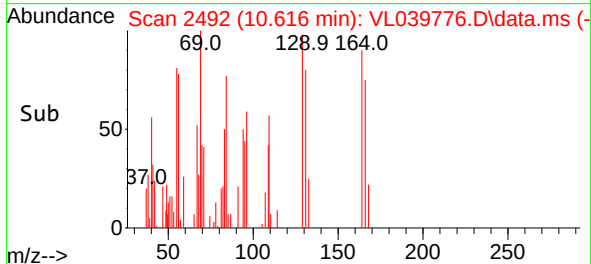
Instrument :
MSVOA_L
ClientSampleId :
D



Tgt Ion:164 Resp: 410
Ion Ratio Lower Upper
164 100
166 83.8 101.8 152.6
129 108.7 77.5 116.3
131 89.4 77.8 116.8

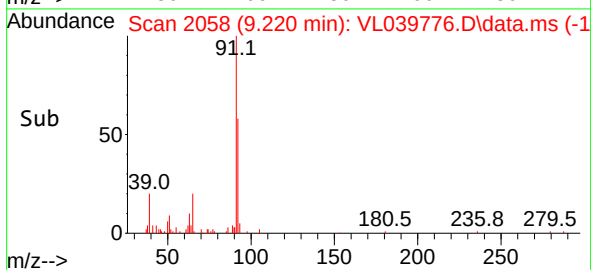
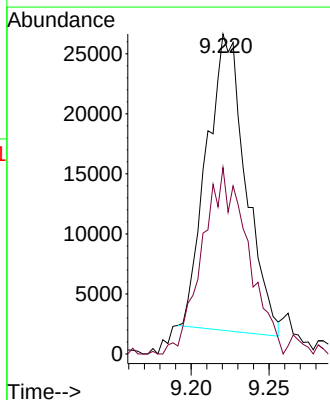
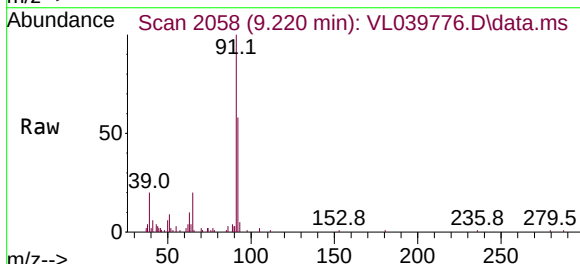
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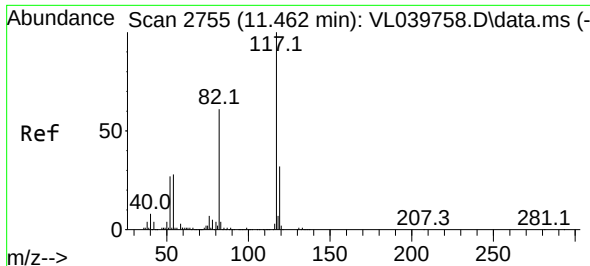
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#53
Toluene
Concen: 0.226 ppbv
RT: 9.220 min Scan# 2058
Delta R.T. 0.003 min
Lab File: VL039776.D
Acq: 25 Oct 2022 3:30

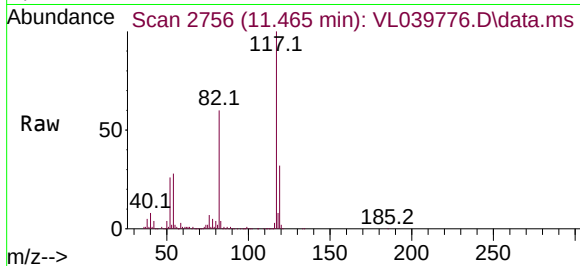
Tgt Ion: 91 Resp: 43118
Ion Ratio Lower Upper
91 100
92 77.0 48.0 72.0#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 211892
Delta R.T. 0.003 min
Lab File: VL039776.D
Acq: 25 Oct 2022 3:30

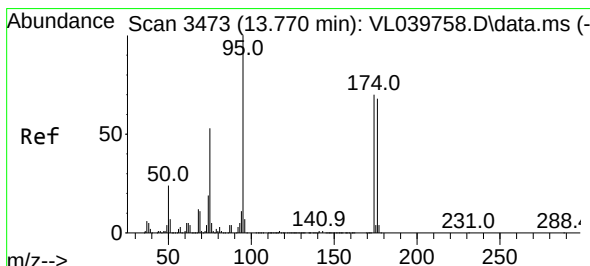
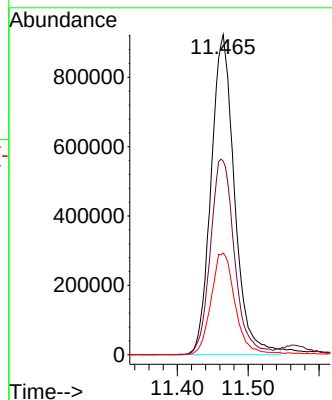
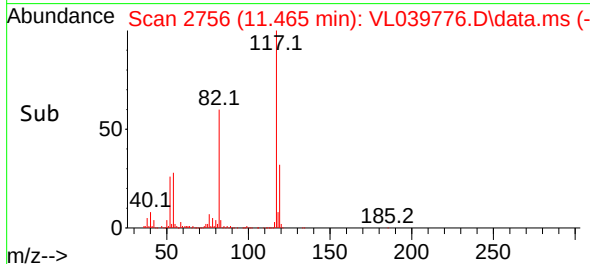
Instrument :
MSVOA_L
ClientSampleId :
D



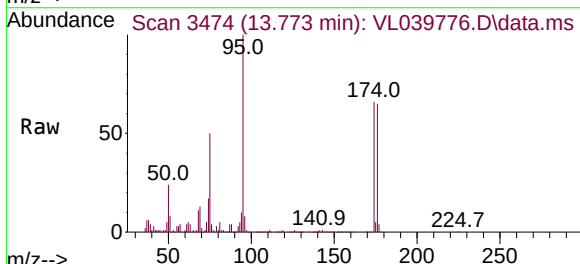
Tgt Ion: 117 Resp: 211892
Ion Ratio Lower Upper
117 100
82 63.2 49.9 74.9
119 33.3 25.2 37.8

Manual Integrations
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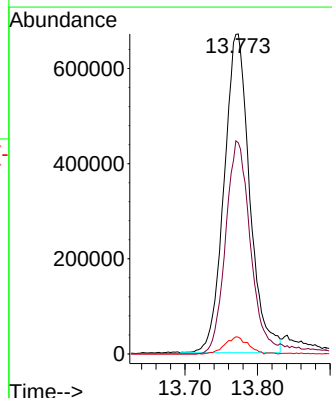
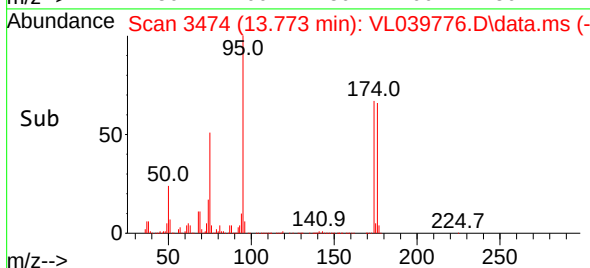
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

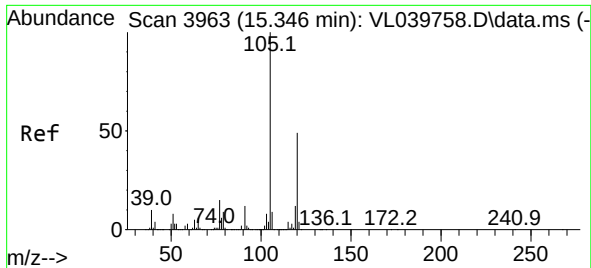


#68
1-Bromo-4-Fluorobenzene
Concen: 10.897 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.003 min
Lab File: VL039776.D
Acq: 25 Oct 2022 3:30



Tgt Ion: 95 Resp: 1642494
Ion Ratio Lower Upper
95 100
174 67.9 57.3 85.9
175 5.0 4.2 6.2





#73

1,3,5-Trimethylbenzene

Concen: 0.500 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.010 min

Lab File: VL039776.D

Acq: 25 Oct 2022 3:30

Instrument :

MSVOA_L

ClientSampleId :

D

Tgt Ion:105 Resp: 105318

Ion Ratio Lower Upper

105 100

120 35.2 39.0 58.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022

