

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039772.D
 Acq On : 25 Oct 2022 00:52
 Operator : SY/AP
 Sample : N5227-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 B

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 15:01:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.202	49	858396	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2293466	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	1997056	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1444785	10.170	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.748	85	28377	0.316	ppbv	93
11) Trichlorofluoromethane	3.578	101	34305	0.273	ppbv	91
13) Ethanol	3.263	45	63724	20.027	ppbv	91
15) Acetone	3.485	43	1114832	10.873	ppbv	99
20) Methylene Chloride	3.948	84	58112	1.490	ppbv	96
26) Hexane	5.227	57	67785	0.813	ppbv #	37
34) 2-Butanone	4.812	43	37356m	0.346	ppbv	
35) Carbon Tetrachloride	6.494	117	8681m	0.066	ppbv	
52) Tetrachloroethene	10.610	164	262467	3.967	ppbv	95
53) Toluene	9.217	91	67175m	0.363	ppbv	

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

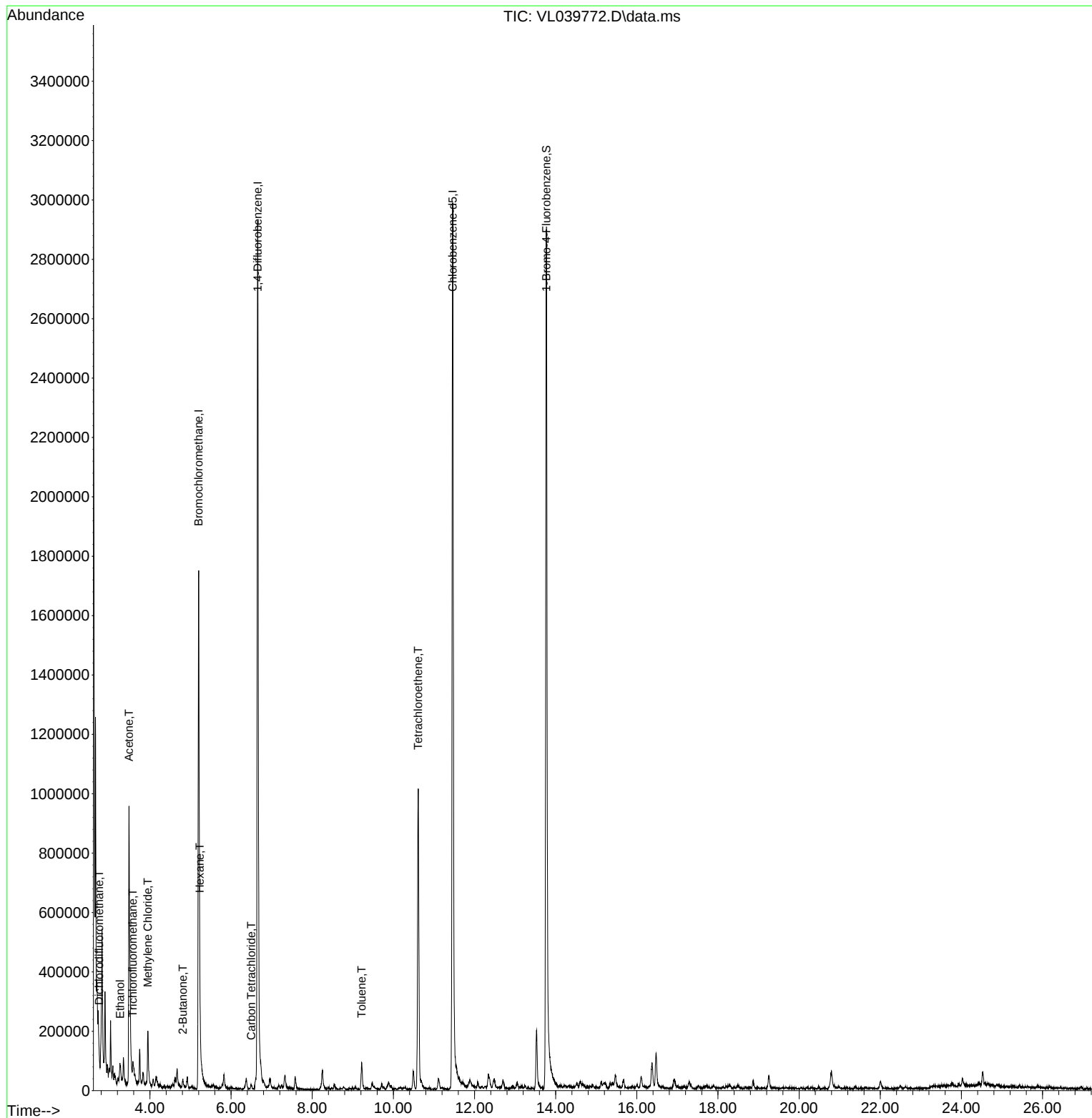
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039772.D
Acq On : 25 Oct 2022 00:52
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Sample : N5227-02
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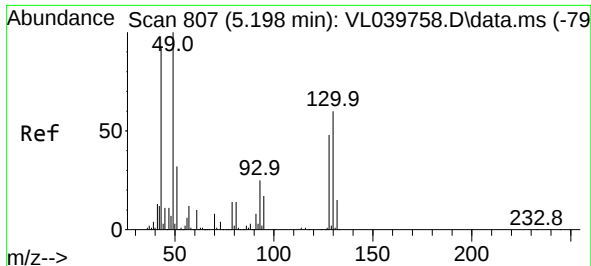
Instrument :
MSVOA_L
ClientSampleId :
B

Quant Time: Oct 25 15:01:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
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QLast Update : Mon Oct 24 20:00:55 2022
Response via : Initial Calibration

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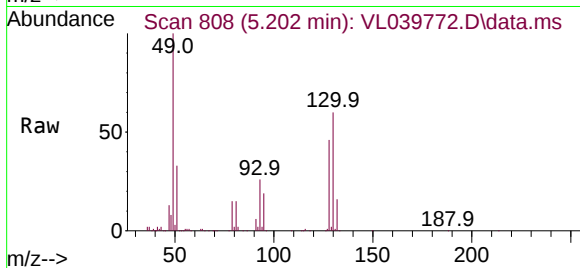
Reviewed By : Semsettin Yesilyurt 10/28/2022
Supervised By : Mahesh Dadoda 10/31/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.202 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039772.D
Acq: 25 Oct 2022 00:52

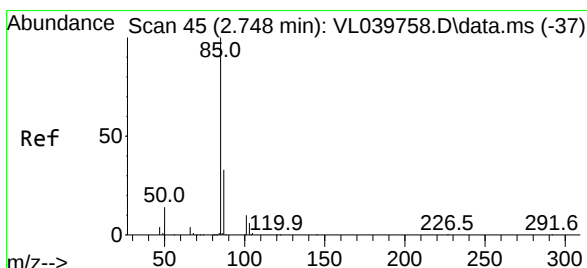
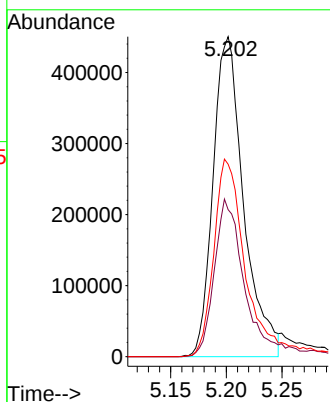
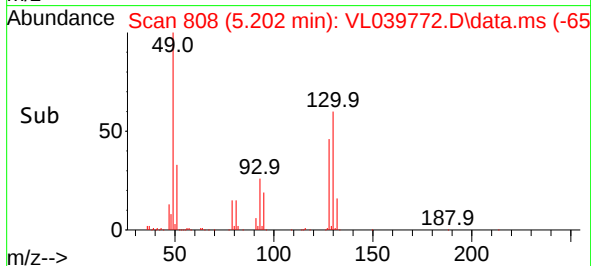
Instrument :
MSVOA_L
ClientSampleId :
B



Tgt Ion: 49 Resp: 858390
Ion Ratio Lower Upper
49 100
128 51.7 24.6 74.0
130 67.4 31.8 95.3

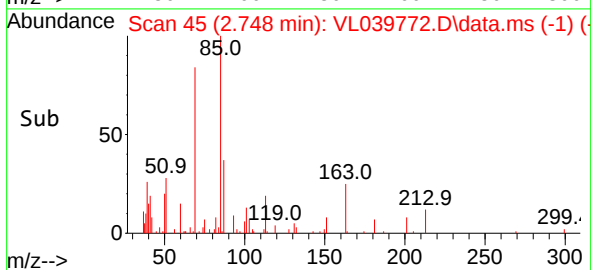
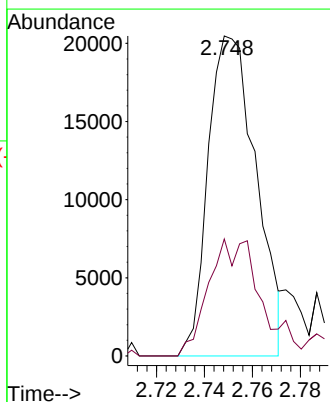
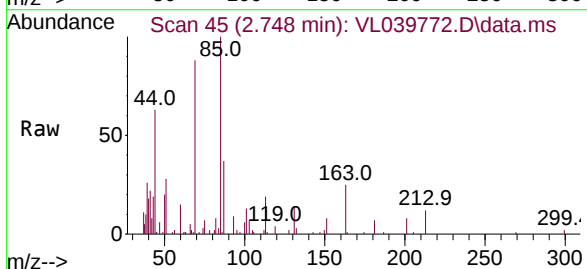
Manual Integrations
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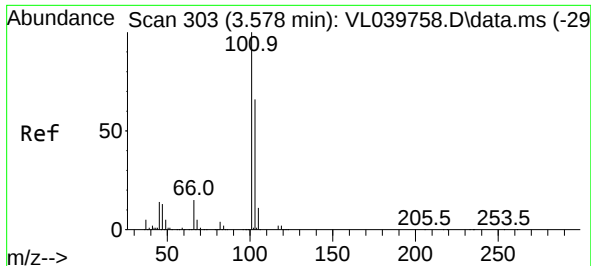
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 0.316 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.000 min
Lab File: VL039772.D
Acq: 25 Oct 2022 00:52

Tgt Ion: 85 Resp: 28377
Ion Ratio Lower Upper
85 100
87 36.6 26.1 39.1





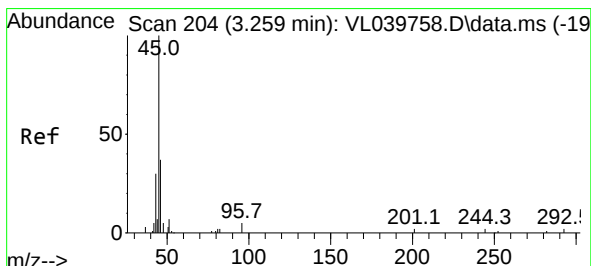
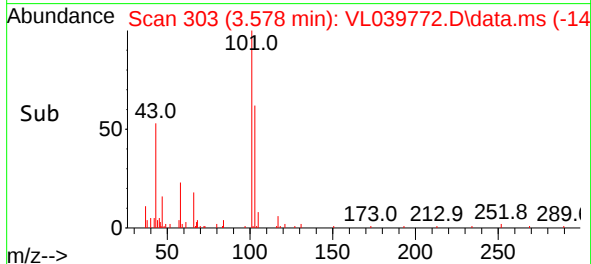
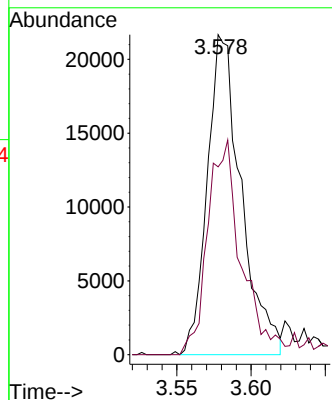
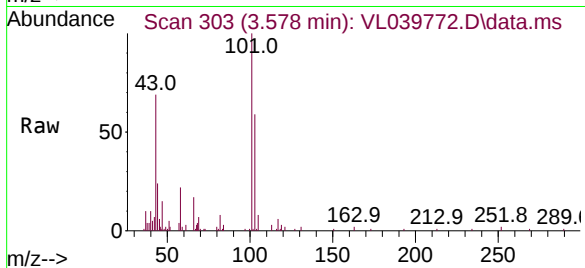
#11
 Trichlorofluoromethane
 Concen: 0.273 ppbv
 RT: 3.578 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: VL039772.D
 Acq: 25 Oct 2022 00:52

Instrument :
 MSVOA_L
 ClientSampleId :
 B

Tgt Ion: 101 Resp: 3430
 Ion Ratio Lower Upper
 101 100
 103 58.7 52.7 79.1

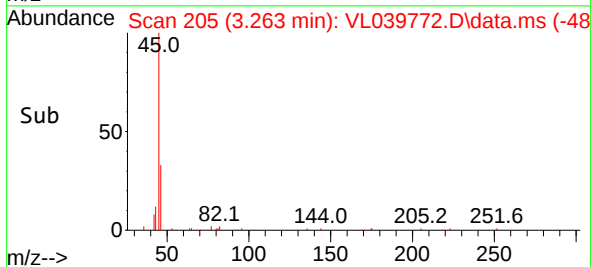
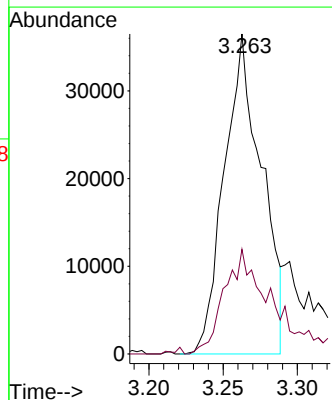
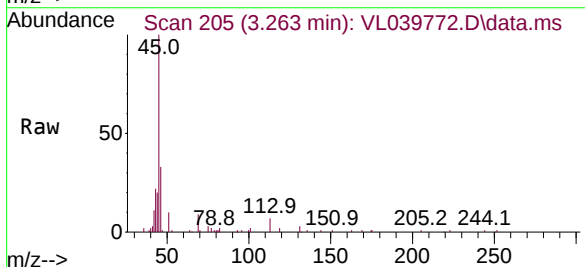
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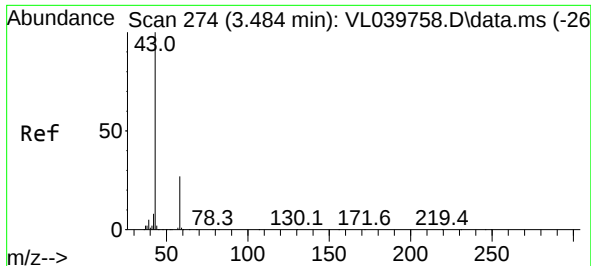
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#13
 Ethanol
 Concen: 20.027 ppbv
 RT: 3.263 min Scan# 205
 Delta R.T. 0.003 min
 Lab File: VL039772.D
 Acq: 25 Oct 2022 00:52

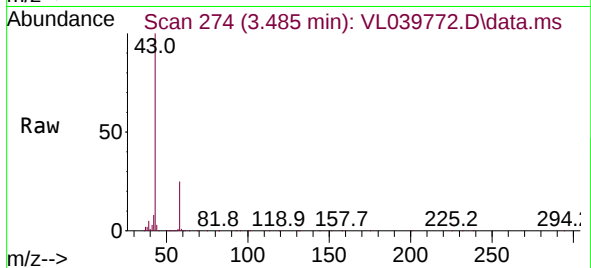
Tgt Ion: 45 Resp: 63724
 Ion Ratio Lower Upper
 45 100
 46 43.9 15.3 61.3





#15
Acetone
Concen: 10.873 ppbv
RT: 3.485 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039772.D
Acq: 25 Oct 2022 00:52

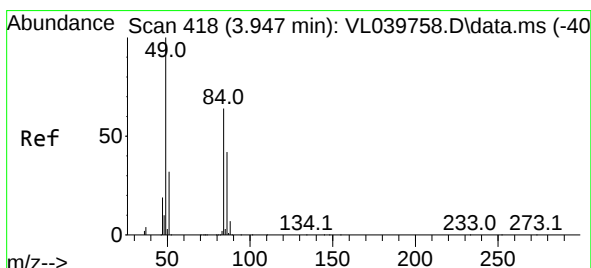
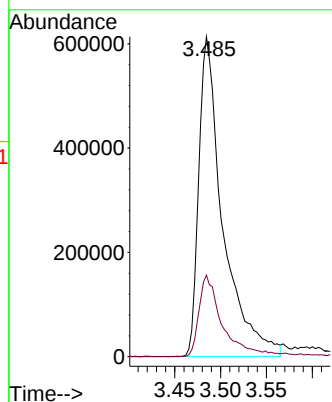
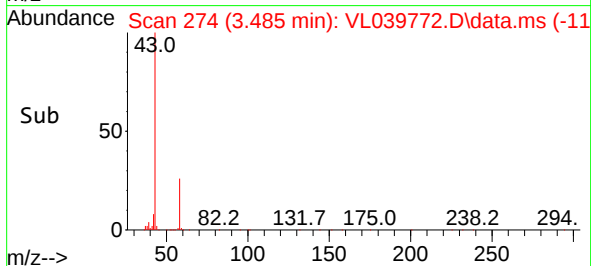
Instrument :
MSVOA_L
ClientSampleId :
B



Tgt Ion: 43 Resp: 111483
Ion Ratio Lower Upper
43 100
58 26.4 20.7 31.1

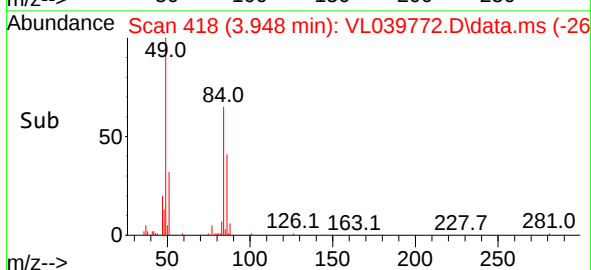
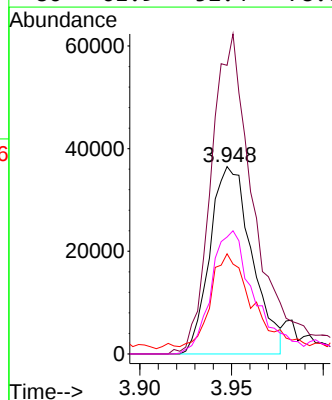
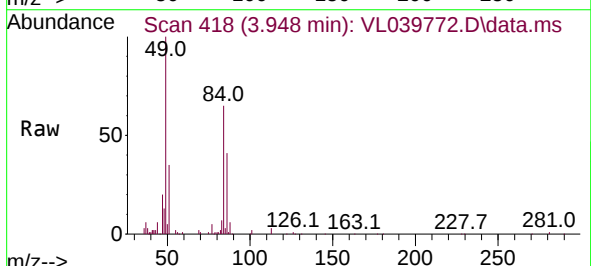
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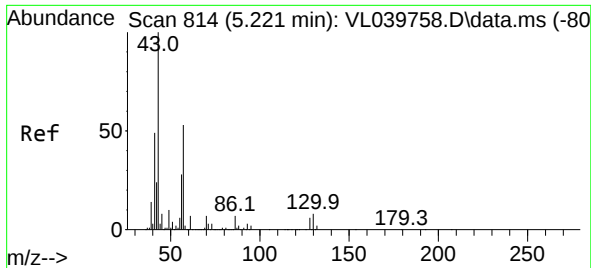
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 1.490 ppbv
RT: 3.948 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL039772.D
Acq: 25 Oct 2022 00:52

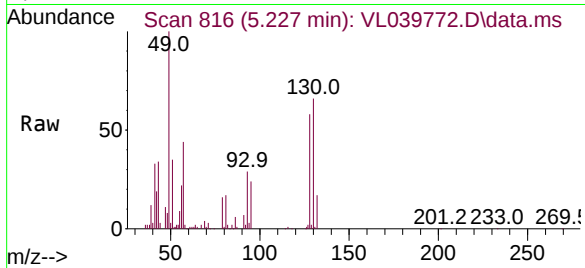
Tgt Ion: 84 Resp: 58112
Ion Ratio Lower Upper
84 100
49 152.6 126.0 189.0
51 49.5 40.9 61.3
86 61.9 52.4 78.6





#26
Hexane
Concen: 0.813 ppbv
RT: 5.227 min Scan# 814
Delta R.T. 0.007 min
Lab File: VL039772.D
Acq: 25 Oct 2022 00:52

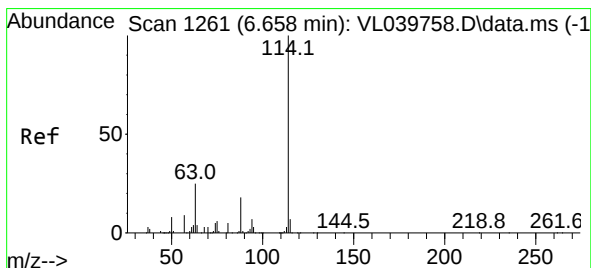
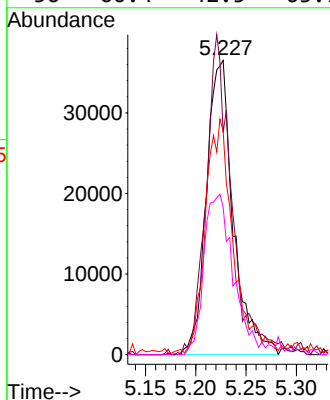
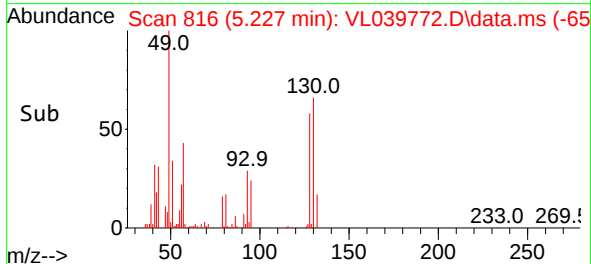
Instrument :
MSVOA_L
ClientSampleId :
B



Tgt Ion: 57 Resp: 6778
Ion Ratio Lower Upper
57 100
41 103.9 76.1 114.1
43 82.4 197.1 295.7
56 60.4 42.5 63.7

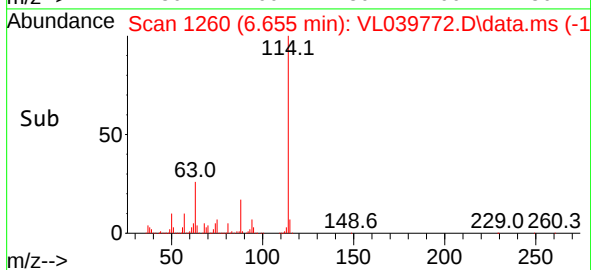
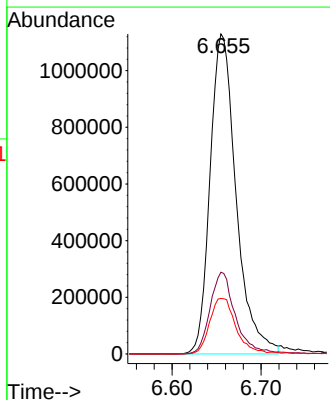
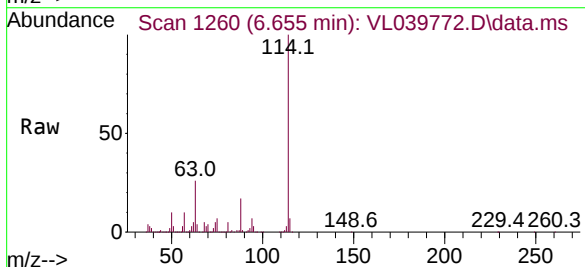
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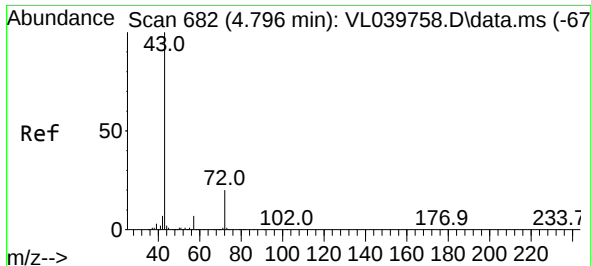
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VL039772.D
Acq: 25 Oct 2022 00:52

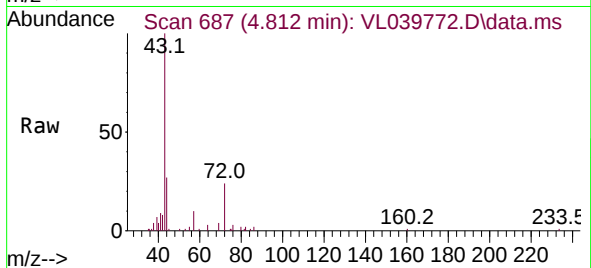
Tgt Ion:114 Resp: 2293466
Ion Ratio Lower Upper
114 100
63 25.2 20.1 30.1
88 17.8 14.5 21.7





#34
2-Butanone
Concen: 0.346 ppbv m
RT: 4.812 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL039772.D
Acq: 25 Oct 2022 00:52

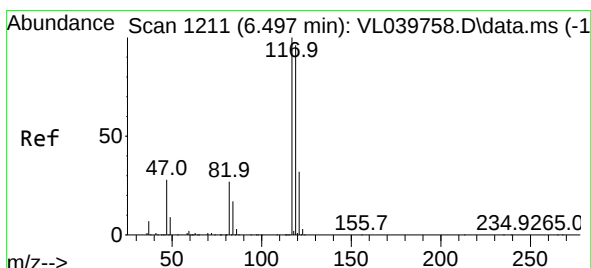
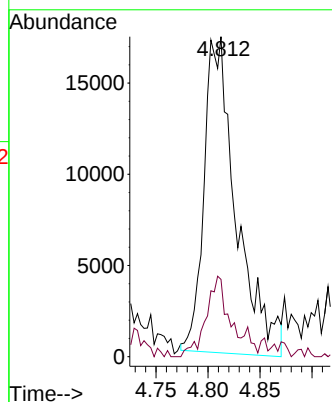
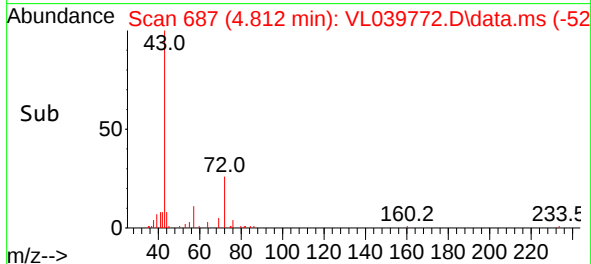
Instrument :
MSVOA_L
Client SampleId :
B



Tgt Ion: 43 Resp: 3735
Ion Ratio Lower Upper
43 100
72 0.0 16.5 24.7

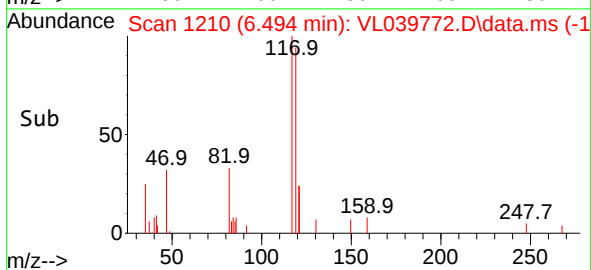
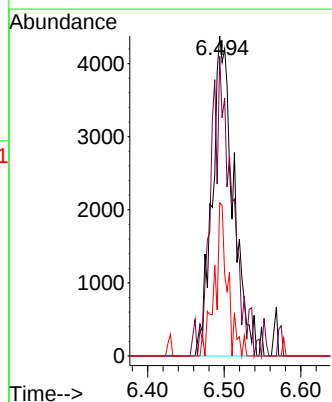
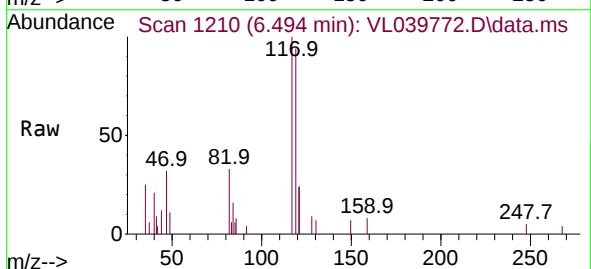
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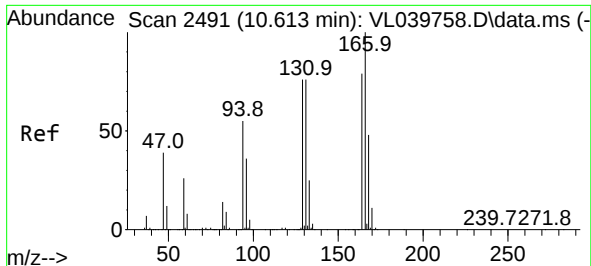
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#35
Carbon Tetrachloride
Concen: 0.066 ppbv m
RT: 6.494 min Scan# 1210
Delta R.T. -0.003 min
Lab File: VL039772.D
Acq: 25 Oct 2022 00:52

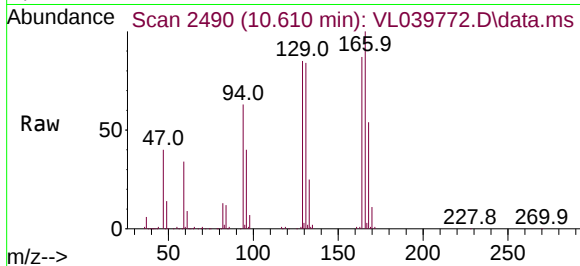
Tgt Ion:117 Resp: 8681
Ion Ratio Lower Upper
117 100
119 93.7 76.6 115.0
121 24.1 25.3 37.9





#52
Tetrachloroethene
Concen: 3.967 ppbv
RT: 10.610 min Scan# 2491
Delta R.T. -0.003 min
Lab File: VL039772.D
Acq: 25 Oct 2022 00:52

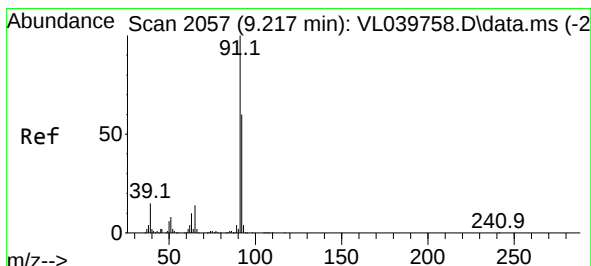
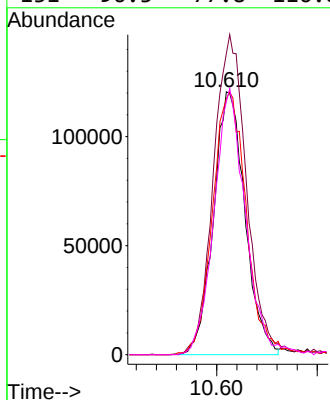
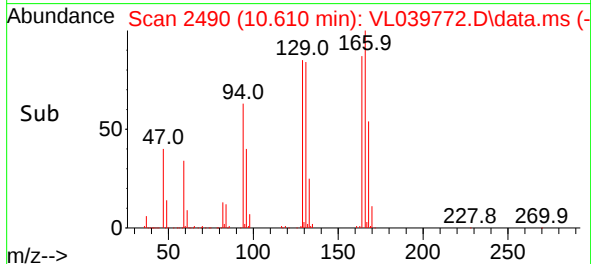
Instrument :
MSVOA_L
ClientSampleId :
B



Tgt Ion:164 Resp: 26246
Ion Ratio Lower Upper
164 100
166 114.4 101.8 152.6
129 96.6 77.5 116.3
131 96.3 77.8 116.8

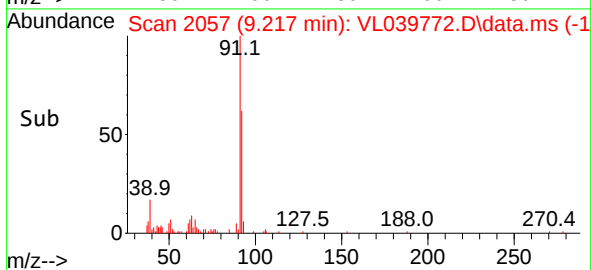
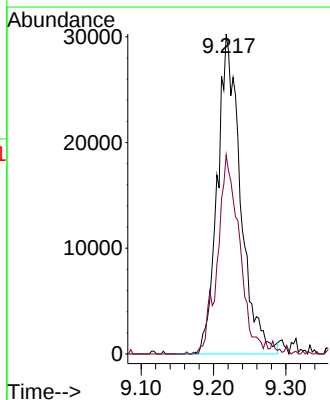
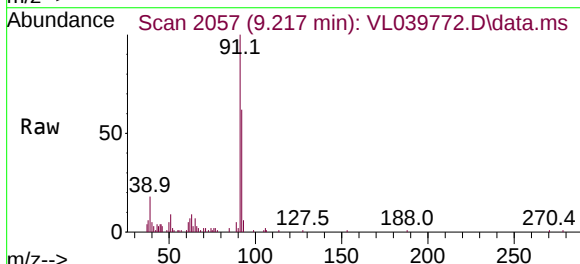
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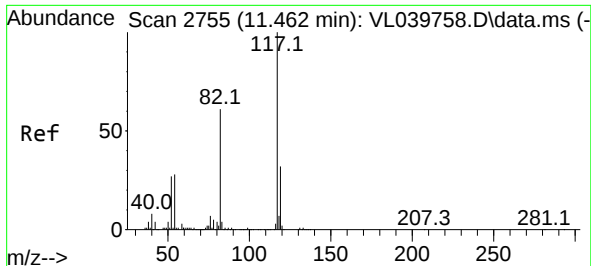
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#53
Toluene
Concen: 0.363 ppbv m
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL039772.D
Acq: 25 Oct 2022 00:52

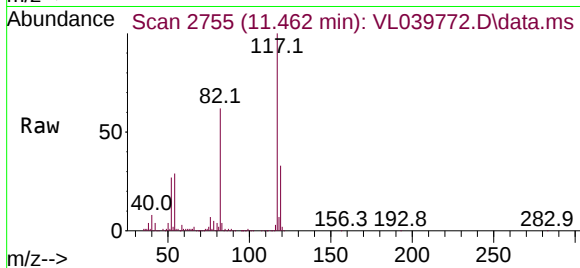
Tgt Ion: 91 Resp: 67175
Ion Ratio Lower Upper
91 100
92 60.6 48.0 72.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039772.D
Acq: 25 Oct 2022 00:52

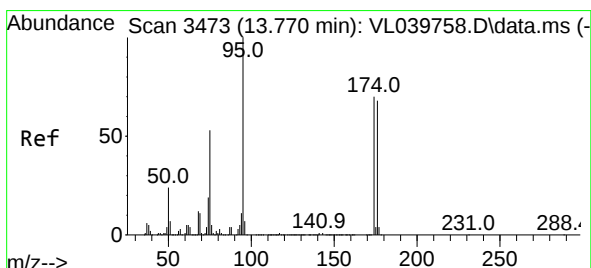
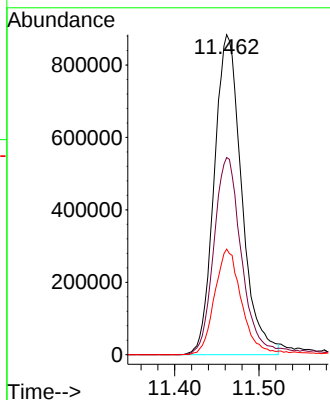
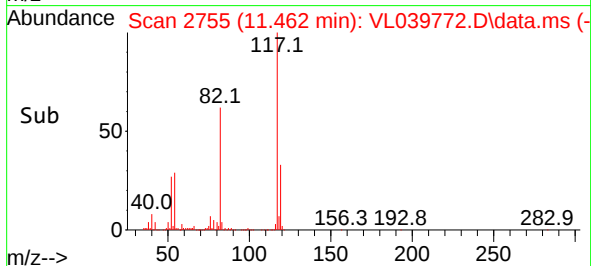
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B



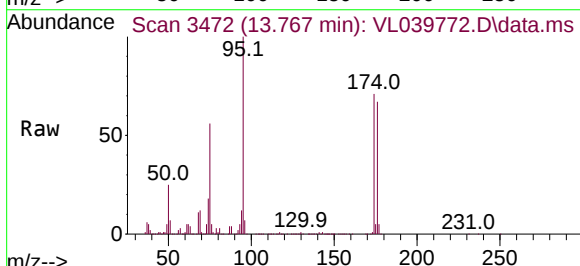
Tgt Ion:117 Resp: 199705
Ion Ratio Lower Upper
117 100
82 64.7 49.9 74.9
119 33.4 25.2 37.8

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: 10.170 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.003 min
Lab File: VL039772.D
Acq: 25 Oct 2022 00:52



Tgt Ion: 95 Resp: 1444785
Ion Ratio Lower Upper
95 100
174 73.7 57.3 85.9
175 5.4 4.2 6.2

