

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL039986.D
 Acq On : 12 Dec 2022 21:44
 Operator : SY/MD
 Sample : N5971-07DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022

Quant Time: Dec 13 07:10:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug :
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	1101442	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.632	114	2916706	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.449	117	2626675	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2130061	10.617	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 106.200%	
Target Compounds						
					Qvalue	
13) Ethanol	3.214	45	494239	90.419	ppbv	99
15) Acetone	3.452	43	143811	0.984	ppbv	99
20) Methylene Chloride	3.912	84	340759	4.814	ppbv	94
26) Hexane	5.192	57	215587	1.840	ppbv #	37
53) Toluene	9.198	91	25247m	0.089	ppbv	

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

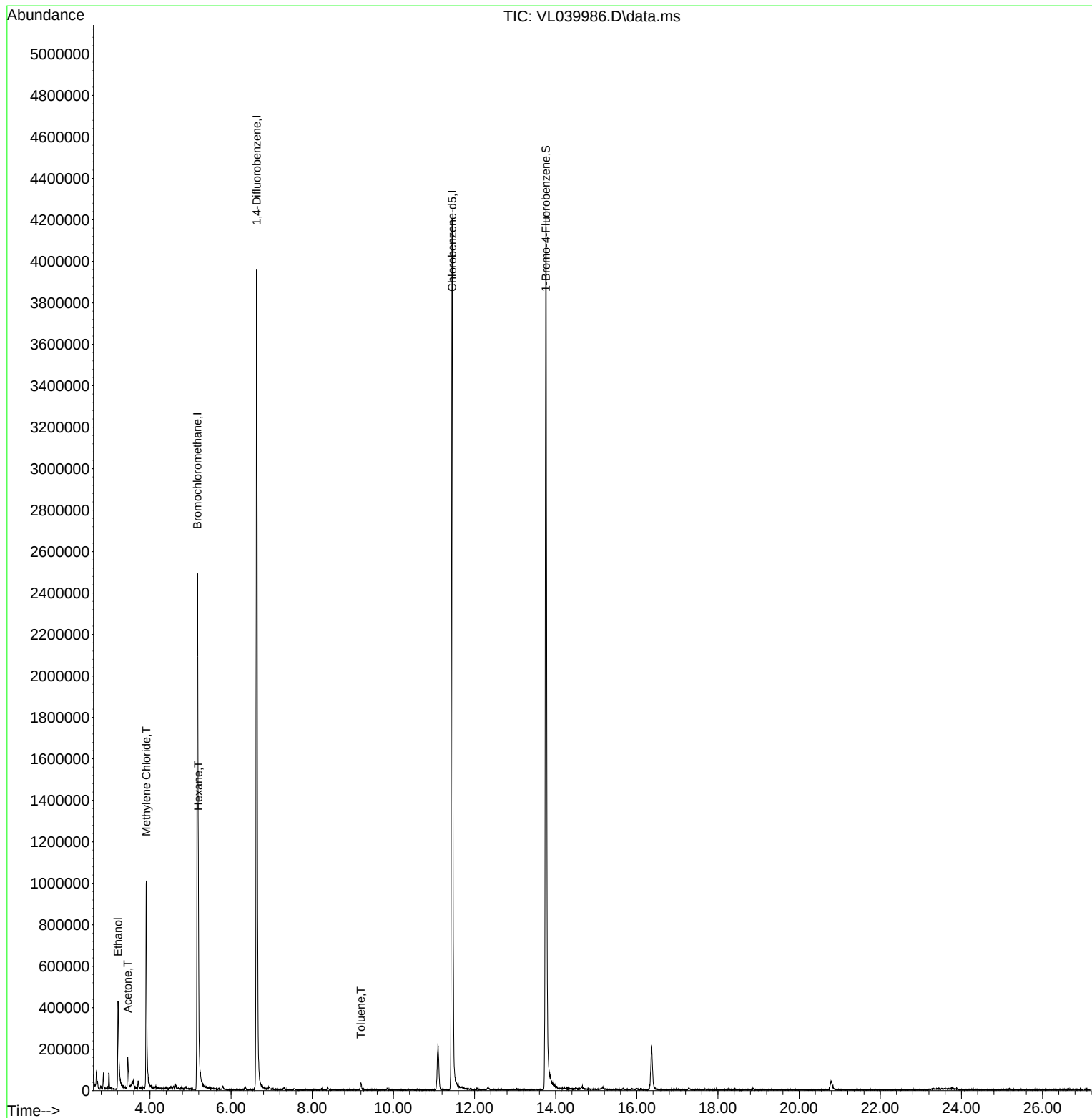
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
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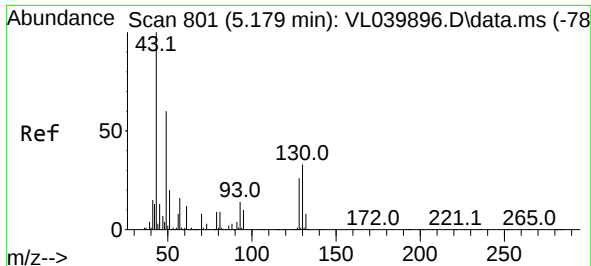
Instrument :
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ClientSampleId :
OA-1DL

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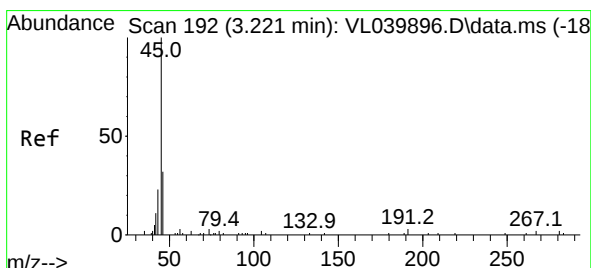
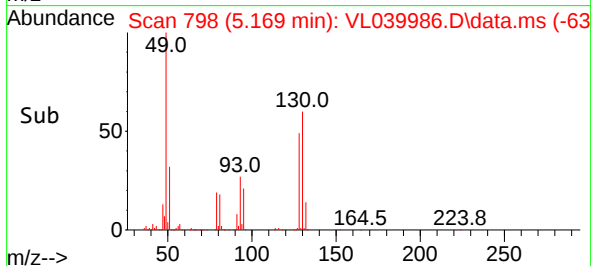
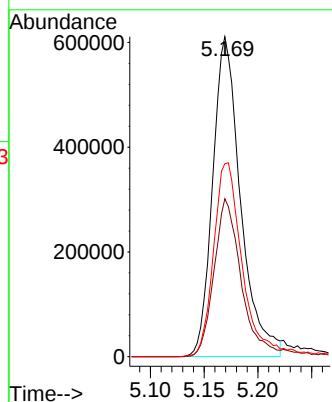
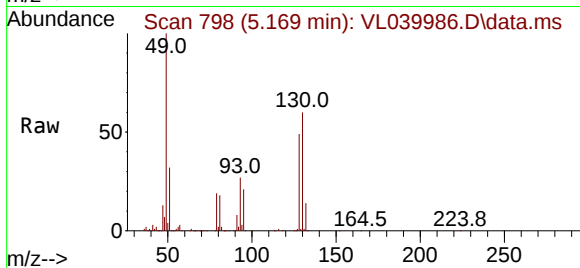
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 79
Delta R.T. 0.013 min
Lab File: VL039986.D
Acq: 12 Dec 2022 21:44

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Tgt Ion: 49 Resp: 110144
Ion Ratio Lower Upper
49 100
128 50.7 22.1 66.3
130 63.4 27.7 83.1

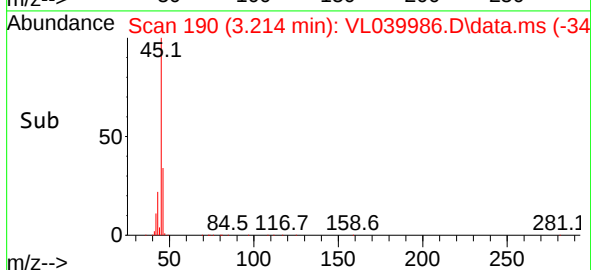
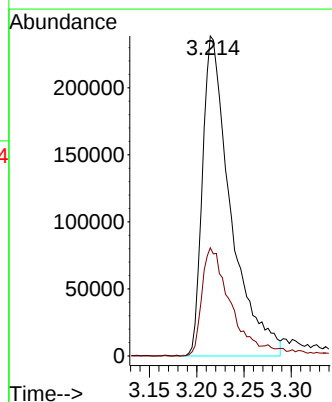
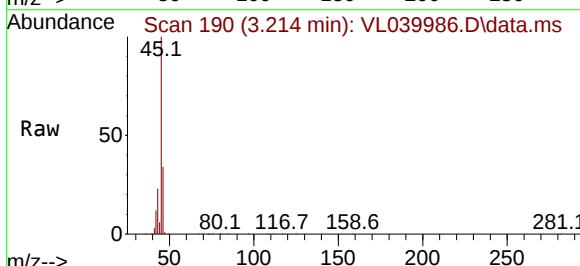
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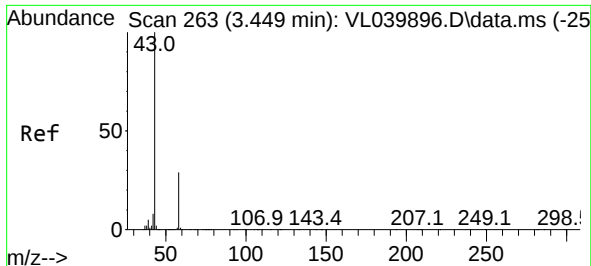
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#13
Ethanol
Concen: 90.419 ppbv
RT: 3.214 min Scan# 190
Delta R.T. 0.000 min
Lab File: VL039986.D
Acq: 12 Dec 2022 21:44

Tgt Ion: 45 Resp: 494239
Ion Ratio Lower Upper
45 100
46 37.2 14.6 58.2





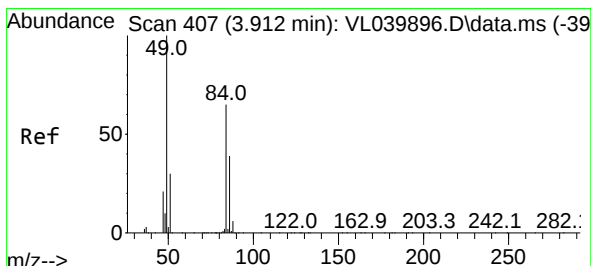
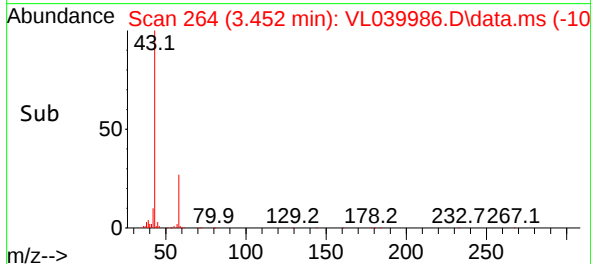
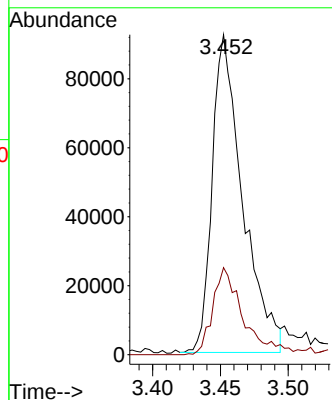
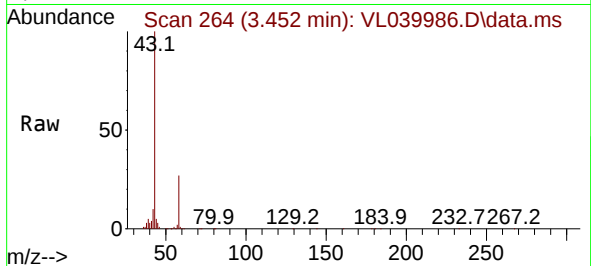
#15
Acetone
Concen: 0.984 ppbv
RT: 3.452 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL039986.D
Acq: 12 Dec 2022 21:44

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Tgt Ion: 43 Resp: 14381
Ion Ratio Lower Upper
43 100
58 28.1 22.9 34.3

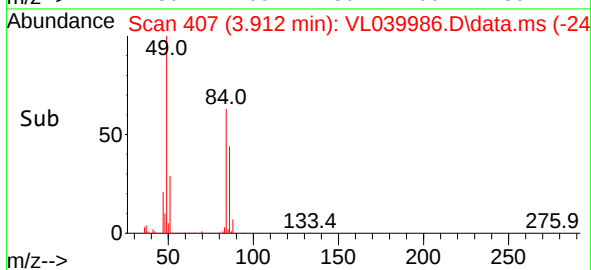
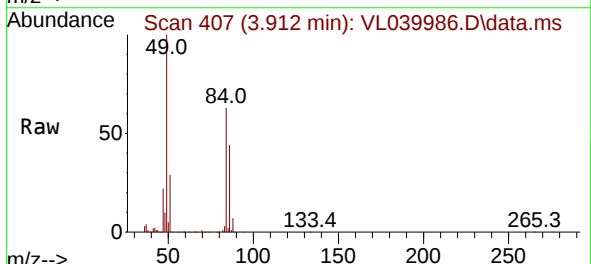
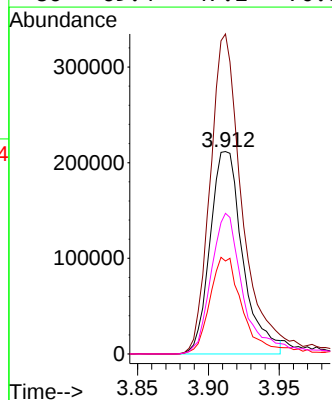
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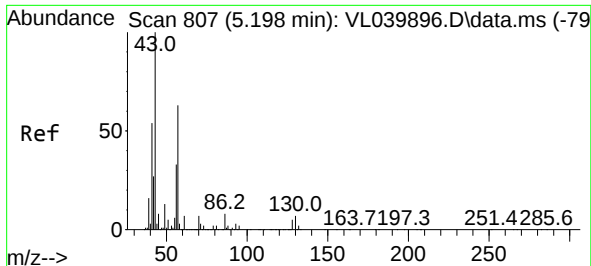
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#20
Methylene Chloride
Concen: 4.814 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.016 min
Lab File: VL039986.D
Acq: 12 Dec 2022 21:44

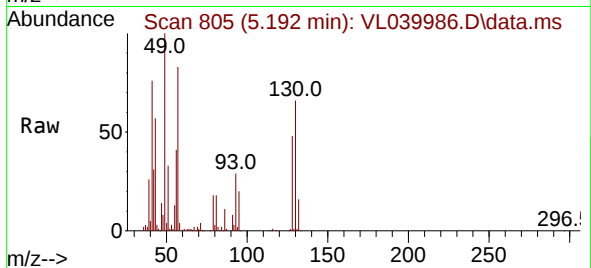
Tgt Ion: 84 Resp: 340759
Ion Ratio Lower Upper
84 100
49 157.9 122.2 183.4
51 45.8 36.3 54.5
86 69.4 47.2 70.8





#26
Hexane
Concen: 1.840 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.016 min
Lab File: VL039986.D
Acq: 12 Dec 2022 21:44

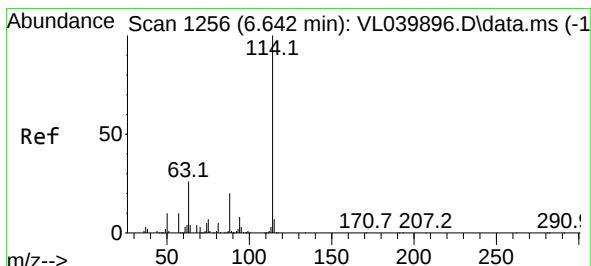
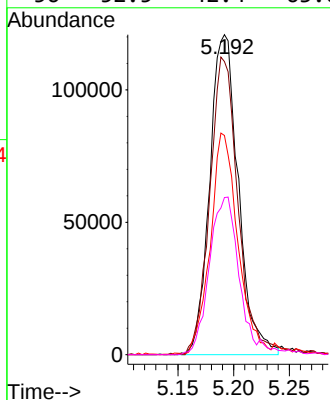
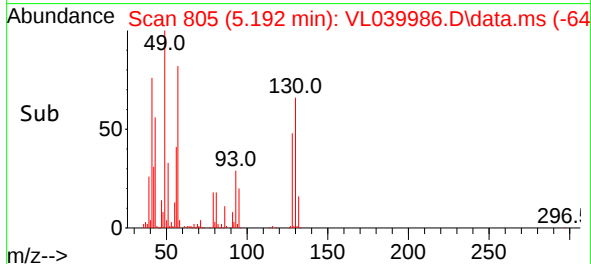
Instrument :
MSVOA_L
ClientSampleId :
OA-1DL



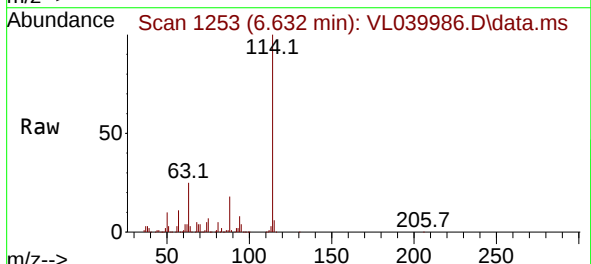
Tgt Ion: 57 Resp: 21558
Ion Ratio Lower Upper
57 100
41 93.7 72.3 108.5
43 68.5 188.7 283.1
56 52.5 42.4 63.6

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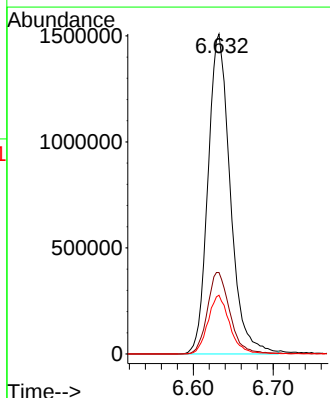
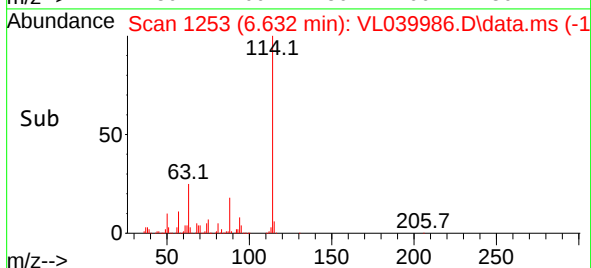
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Supervised By :Mahesh Dadoda 12/14/2022

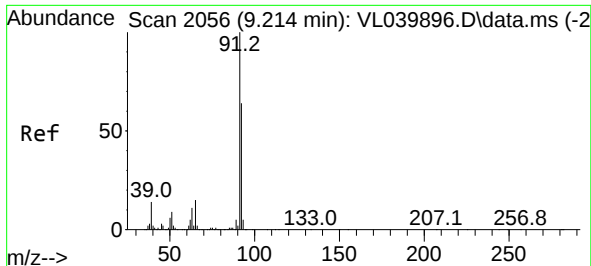


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.013 min
Lab File: VL039986.D
Acq: 12 Dec 2022 21:44



Tgt Ion:114 Resp: 2916706
Ion Ratio Lower Upper
114 100
63 26.0 21.4 32.0
88 18.0 15.3 22.9





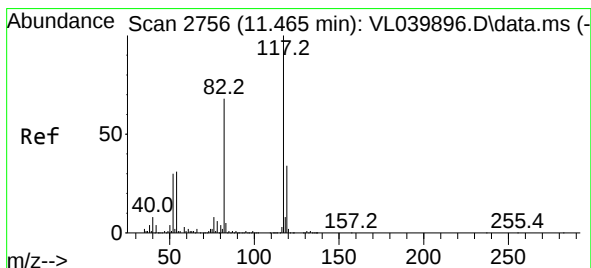
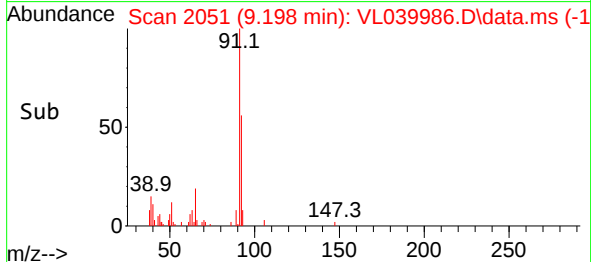
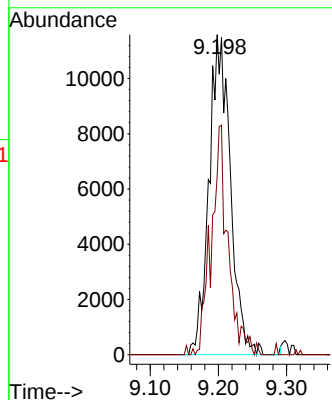
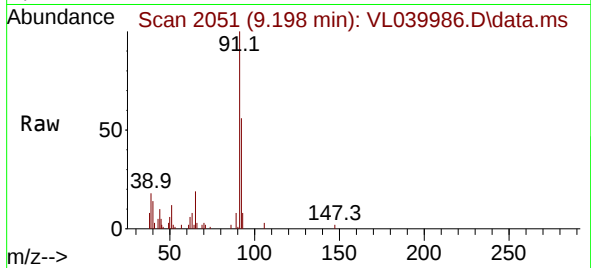
#53
Toluene
Concen: 0.089 ppbv m
RT: 9.198 min Scan# 2056
Delta R.T. 0.013 min
Lab File: VL039896.D
Acq: 12 Dec 2022 21:44

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Tgt Ion: 91 Resp: 2524
Ion Ratio Lower Upper
91 100
92 0.0 49.8 74.6

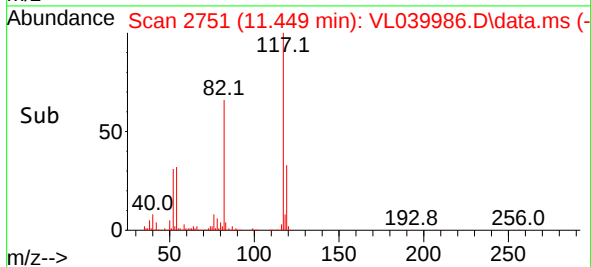
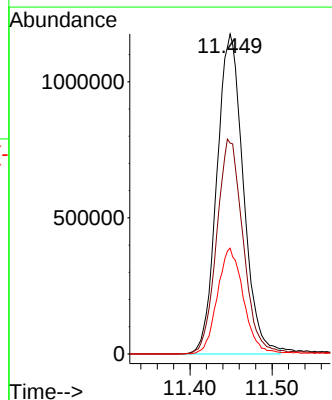
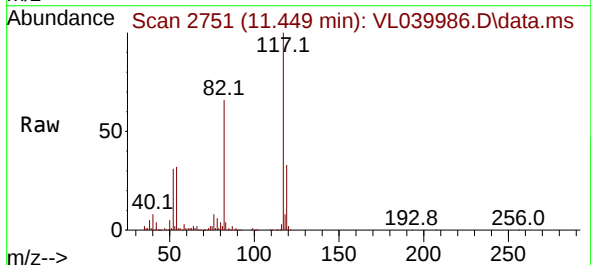
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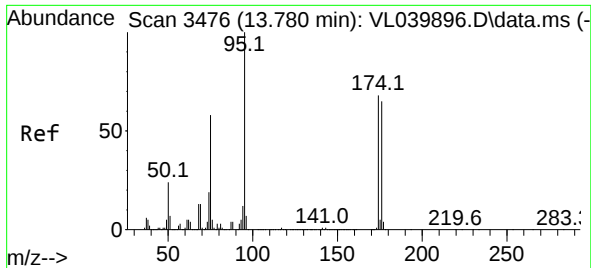
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 2751
Delta R.T. 0.016 min
Lab File: VL039896.D
Acq: 12 Dec 2022 21:44

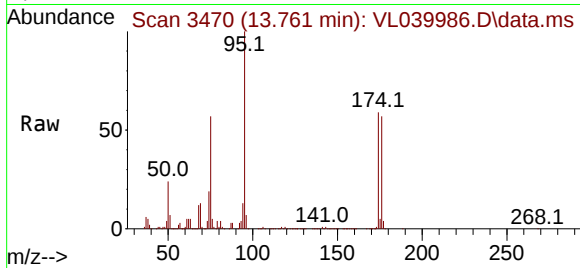
Tgt Ion:117 Resp: 2626675
Ion Ratio Lower Upper
117 100
82 68.1 52.3 78.5
119 33.0 25.7 38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.617 ppbv
 RT: 13.761 min Scan# 3476
 Delta R.T. 0.019 min
 Lab File: VL039986.D
 Acq: 12 Dec 2022 21:44

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1DL



Tgt Ion: 95 Resp: 213006
 Ion Ratio Lower Upper
 95 100
 174 60.6 53.7 80.5
 175 4.3 4.0 6.0

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