

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039877.D
 Acq On : 10 Nov 2022 23:51
 Operator : SY/AP
 Sample : N5584-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 11 05:04:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	939811	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2026441	10.000	ppbv	# 0.00
55) Chlorobenzene-d5	11.455	117	1786815	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1465456	10.957	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.600%
Target Compounds						
						Qvalue
13) Ethanol	3.279	45	5922m	1.435	ppbv	
15) Acetone	3.494	43	102959m	0.900	ppbv	
20) Methylene Chloride	3.947	84	62821	1.535	ppbv	# 90
26) Hexane	5.217	57	25260m	0.240	ppbv	
53) Toluene	9.211	91	23699	0.121	ppbv	99

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

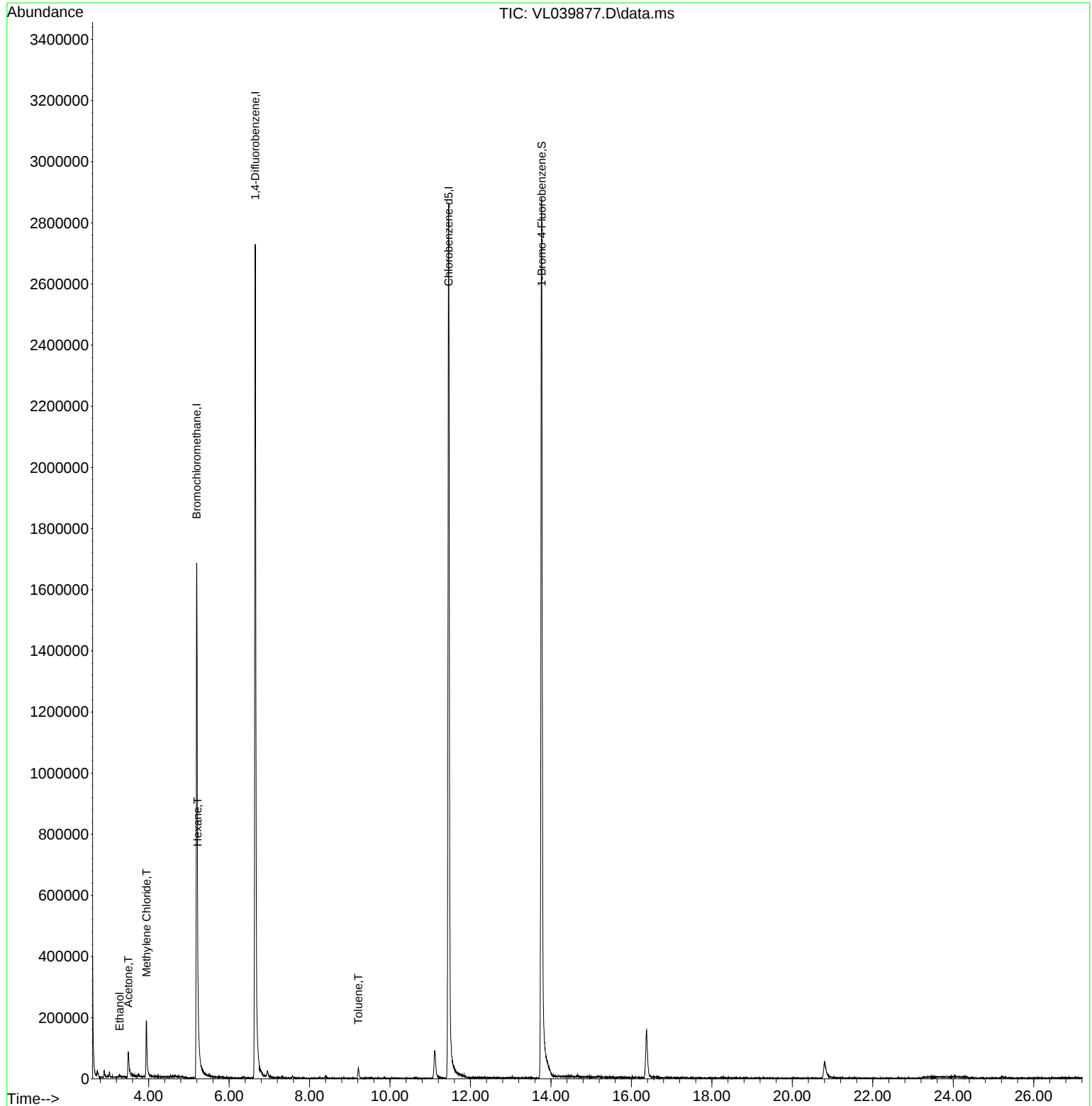
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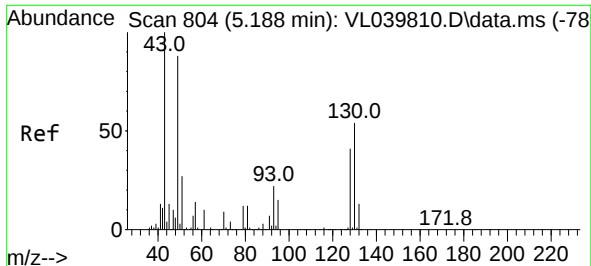
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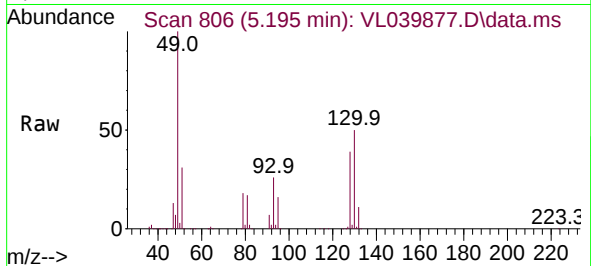
Quant Time: Nov 11 05:04:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 804
Delta R.T. 0.007 min
Lab File: VL039877.D
Acq: 10 Nov 2022 23:51

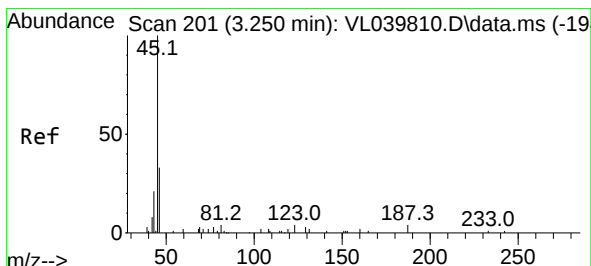
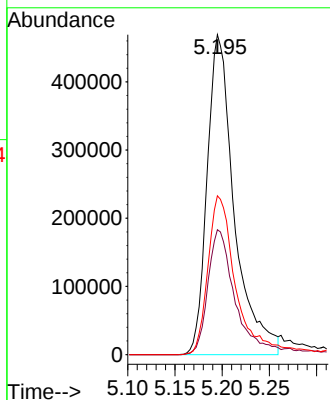
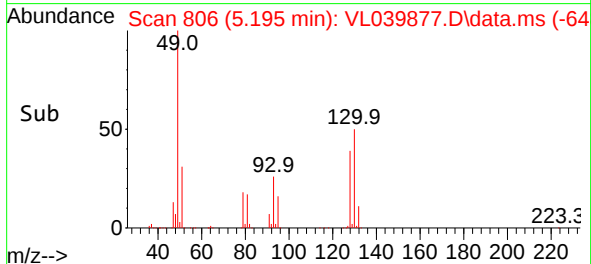
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 939811
Ion Ratio Lower Upper
49 100
128 41.0 24.6 73.6
130 53.3 31.1 93.2

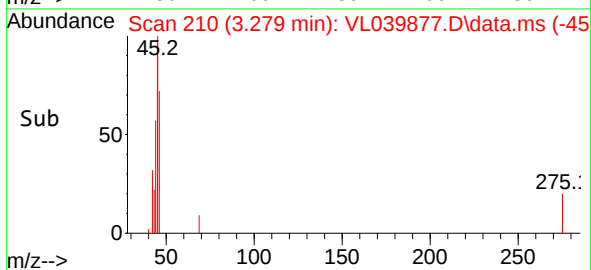
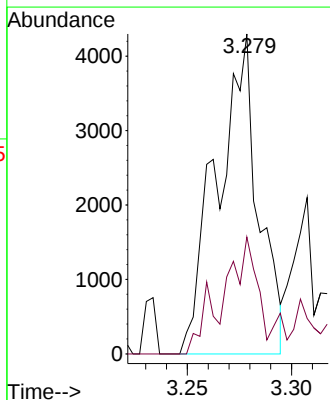
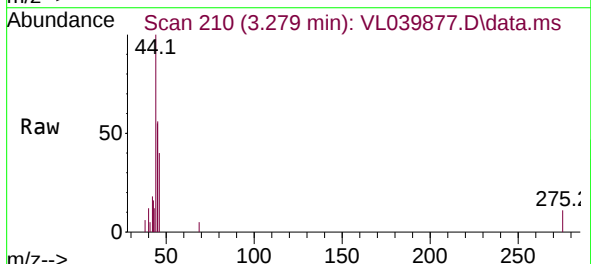
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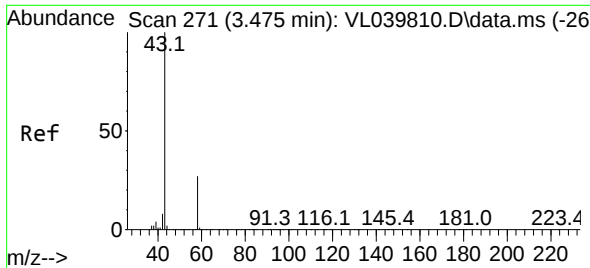
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#13
Ethanol
Concen: 1.435 ppbv m
RT: 3.279 min Scan# 210
Delta R.T. 0.029 min
Lab File: VL039877.D
Acq: 10 Nov 2022 23:51

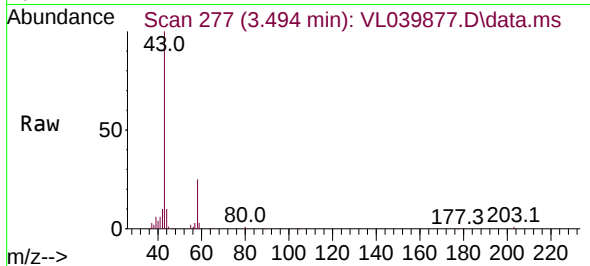
Tgt Ion: 45 Resp: 5922
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9#





#15
Acetone
Concen: 0.900 ppbv m
RT: 3.494 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL039877.D
Acq: 10 Nov 2022 23:51

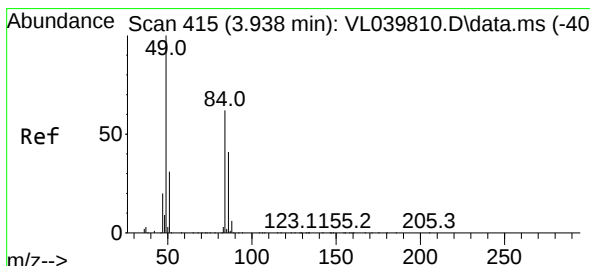
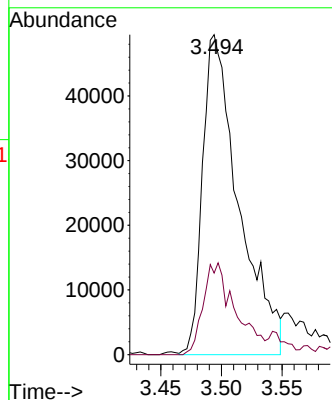
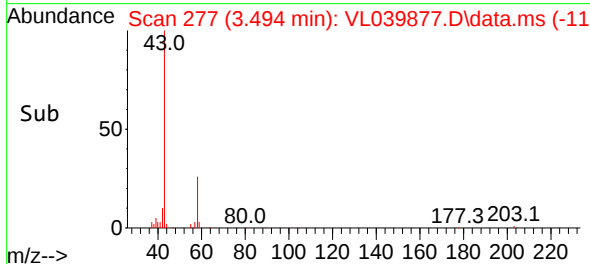
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 43 Resp: 102959
Ion Ratio Lower Upper
43 100
58 31.2 23.2 34.8

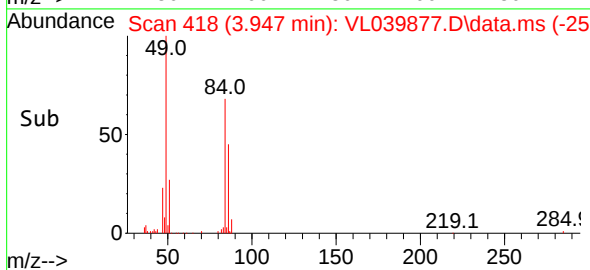
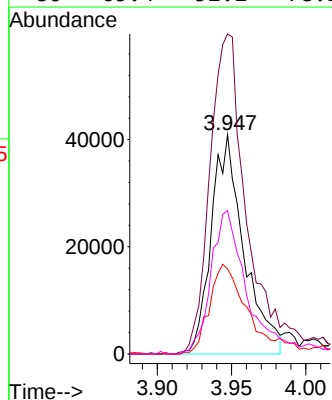
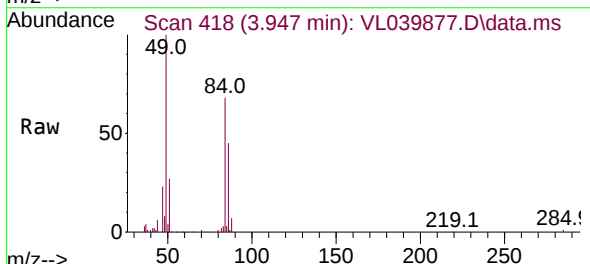
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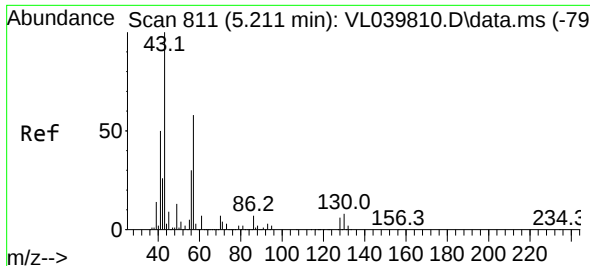
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Supervised By :Mahesh Dadoda 11/11/2022



#20
Methylene Chloride
Concen: 1.535 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.010 min
Lab File: VL039877.D
Acq: 10 Nov 2022 23:51

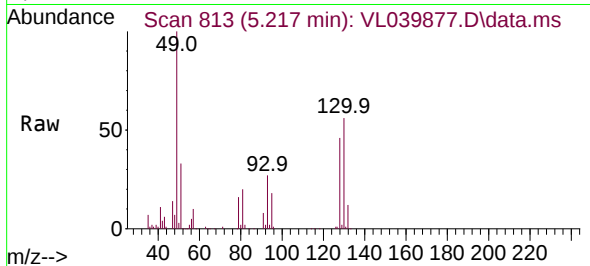
Tgt Ion: 84 Resp: 62821
Ion Ratio Lower Upper
84 100
49 145.2 128.6 192.8
51 38.8 40.2 60.4#
86 65.4 52.2 78.2





#26
Hexane
Concen: 0.240 ppbv m
RT: 5.217 min Scan# 811
Delta R.T. 0.006 min
Lab File: VL039877.D
Acq: 10 Nov 2022 23:51

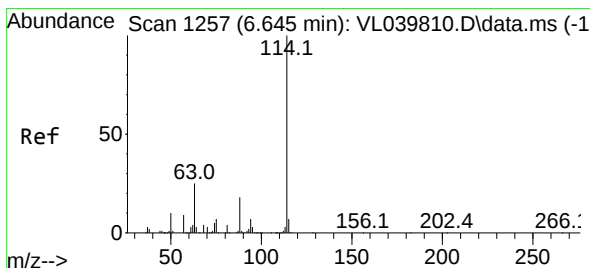
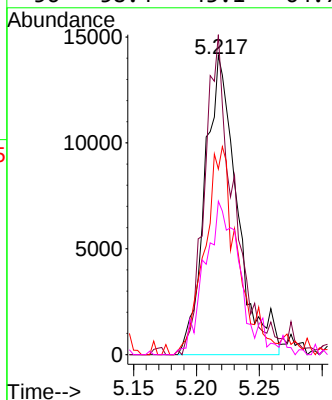
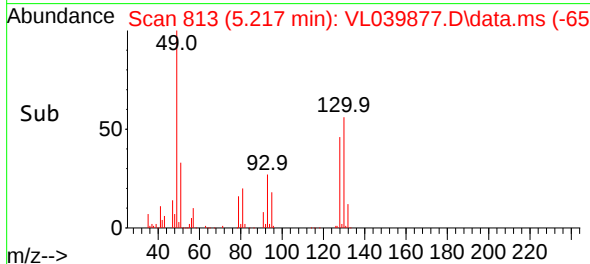
Instrument :
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ClientSampleId :
OA1DL



Tgt Ion: 57 Resp: 25260
Ion Ratio Lower Upper
57 100
41 101.3 73.7 110.5
43 74.0 189.8 284.8
56 58.4 43.1 64.7

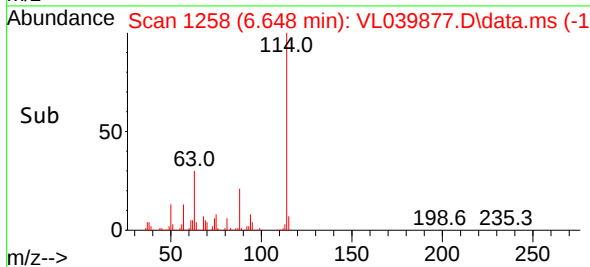
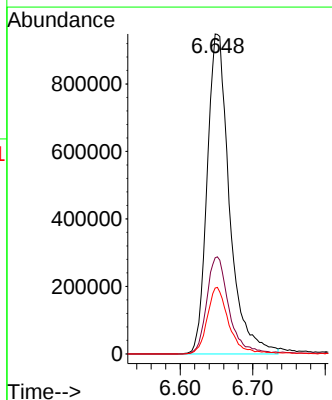
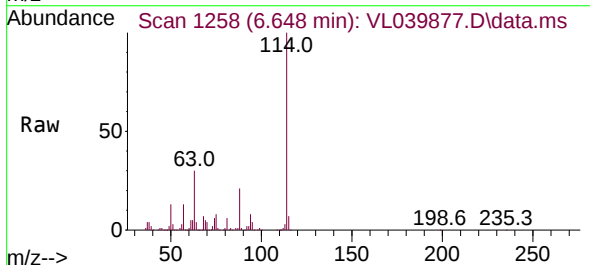
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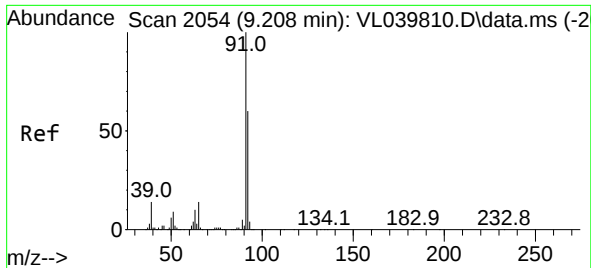
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Supervised By :Mahesh Dadoda 11/11/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VL039877.D
Acq: 10 Nov 2022 23:51

Tgt Ion:114 Resp: 2026441
Ion Ratio Lower Upper
114 100
63 30.6 19.8 29.6
88 20.2 14.4 21.6





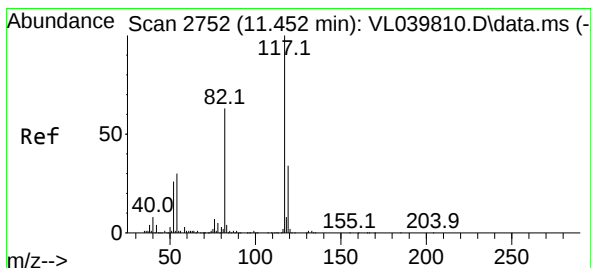
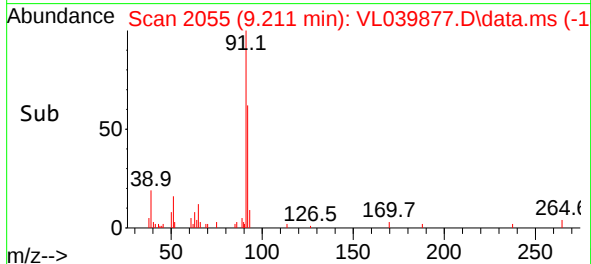
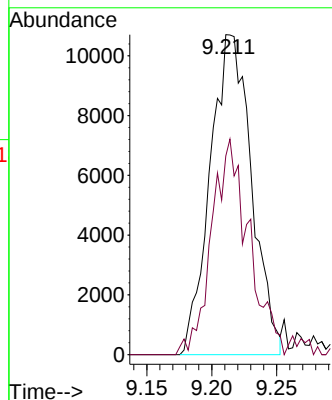
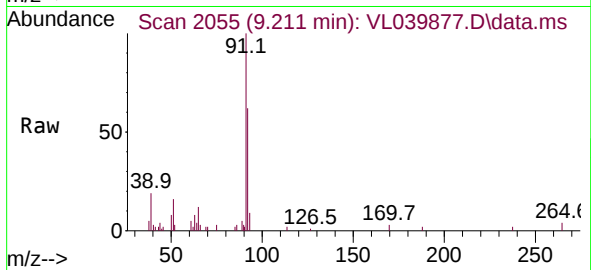
#53
Toluene
Concen: 0.121 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VL039877.D
Acq: 10 Nov 2022 23:51

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 91 Resp: 23699
Ion Ratio Lower Upper
91 100
92 63.0 49.6 74.4

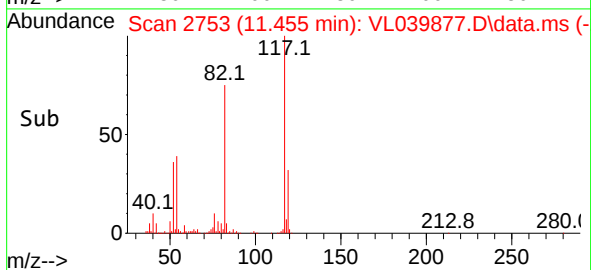
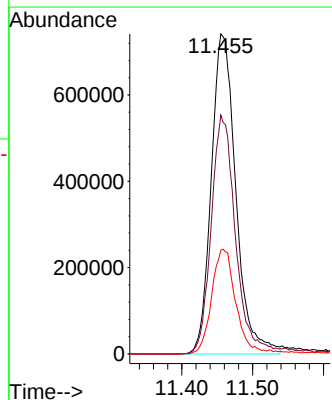
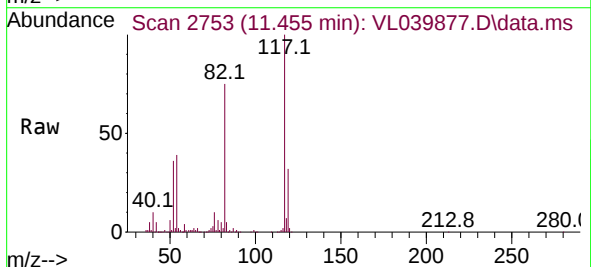
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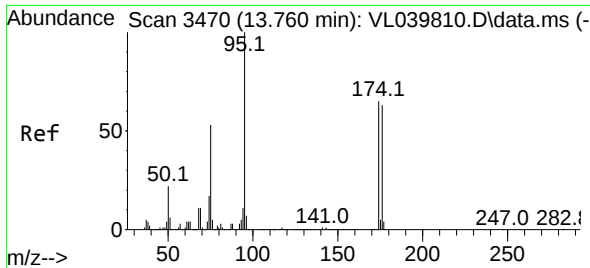
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2753
Delta R.T. 0.003 min
Lab File: VL039877.D
Acq: 10 Nov 2022 23:51

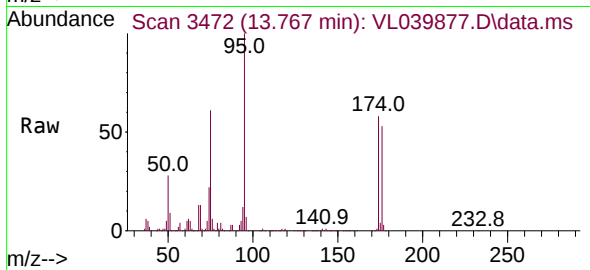
Tgt Ion:117 Resp: 1786815
Ion Ratio Lower Upper
117 100
82 76.3 51.0 76.6
119 33.3 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.957 ppbv
 RT: 13.767 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: VL039877.D
 Acq: 10 Nov 2022 23:51

Instrument :
 MSVOA_L
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Tgt Ion: 95 Resp: 1465456
 Ion Ratio Lower Upper
 95 100
 174 58.7 53.4 80.0
 175 4.1 4.1 6.1

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