

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039855.D
 Acq On : 9 Nov 2022 19:31
 Operator : SY/AP
 Sample : N5527-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 10604-OUTSIDEDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 10 03:51:11 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	5.175	49	999805	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.629	114	2315444	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.432	117	2096588	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1680569	10.709	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.100%
Target Compounds						
3) Chlorodifluoromethane	2.680	51	18660	0.157	ppbv	Qvalue 100
13) Ethanol	3.253	45	22695m	5.171	ppbv	
15) Acetone	3.475	43	44143	0.363	ppbv	90
20) Methylene Chloride	3.931	84	89856	2.064	ppbv	90
26) Hexane	5.201	57	88895	0.795	ppbv #	40
59) m/p-Xylene	12.307	91	102337m	0.432	ppbv	

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

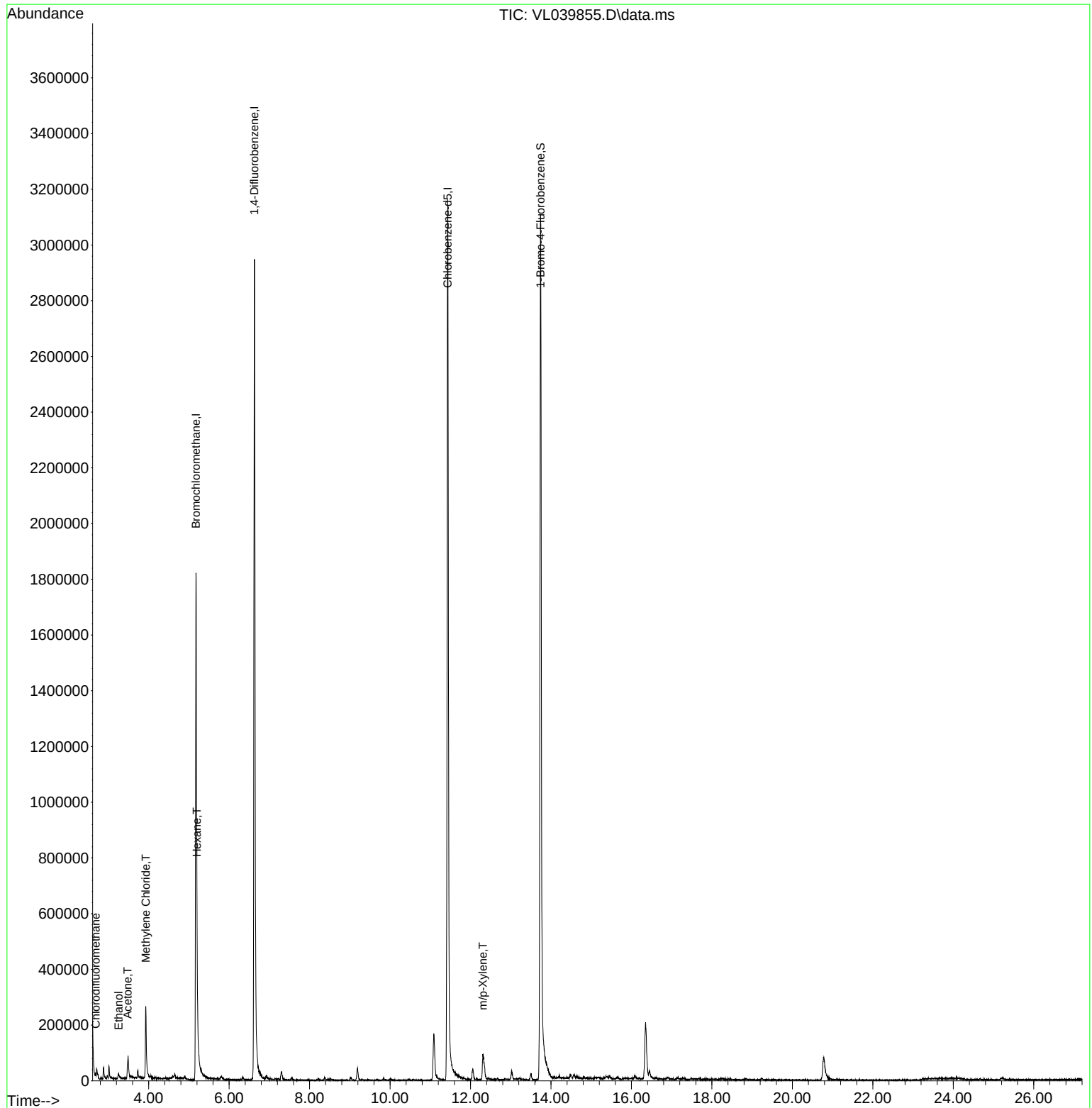
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
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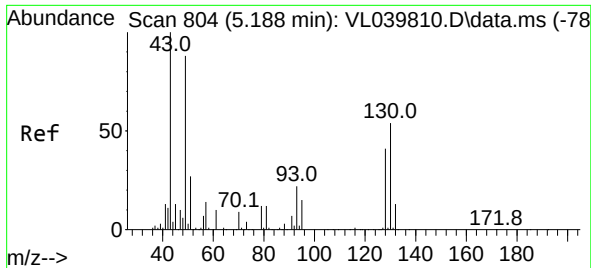
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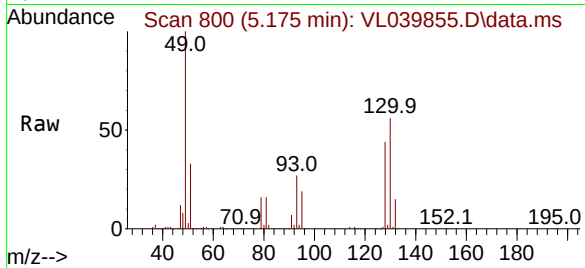
Quant Time: Nov 10 03:51:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.175 min Scan# 804
Delta R.T. -0.013 min
Lab File: VL039855.D
Acq: 9 Nov 2022 19:31

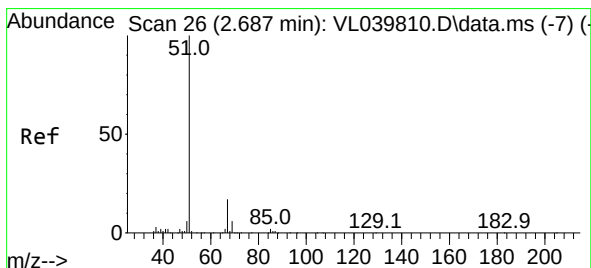
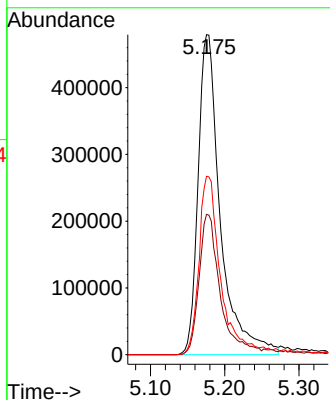
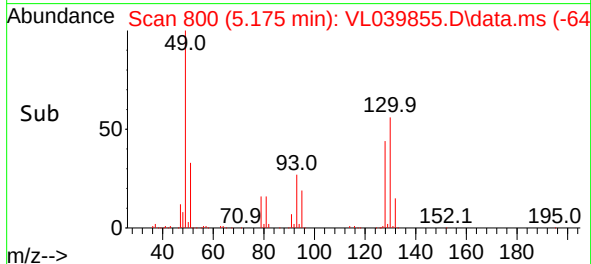
Instrument :
MSVOA_L
ClientSampleId :
10604-OUTSIDEDL



Tgt Ion: 49 Resp: 99980
Ion Ratio Lower Upper
49 100
128 44.4 24.6 73.6
130 57.0 31.1 93.2

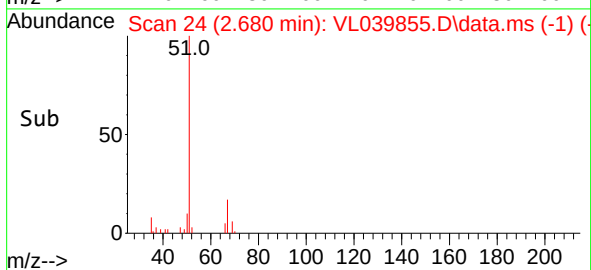
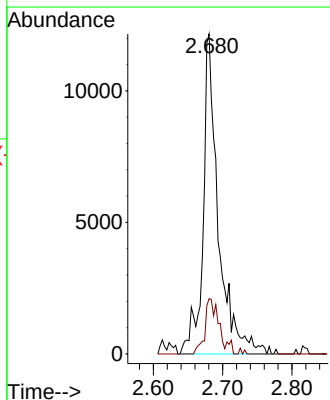
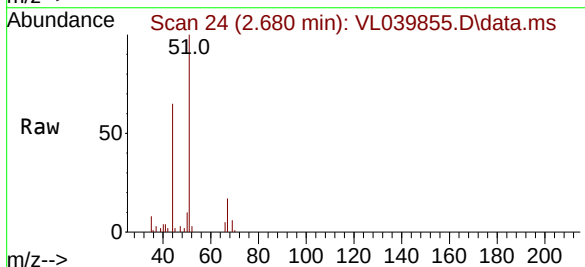
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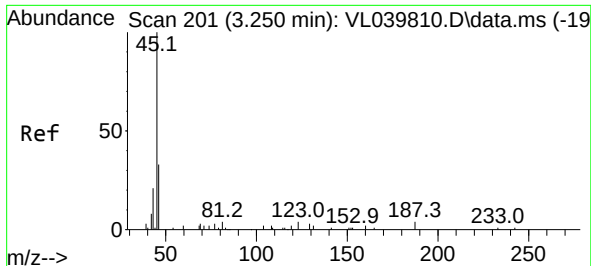
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#3
Chlorodifluoromethane
Concen: 0.157 ppbv
RT: 2.680 min Scan# 24
Delta R.T. -0.007 min
Lab File: VL039855.D
Acq: 9 Nov 2022 19:31

Tgt Ion: 51 Resp: 18660
Ion Ratio Lower Upper
51 100
67 16.5 13.2 19.8





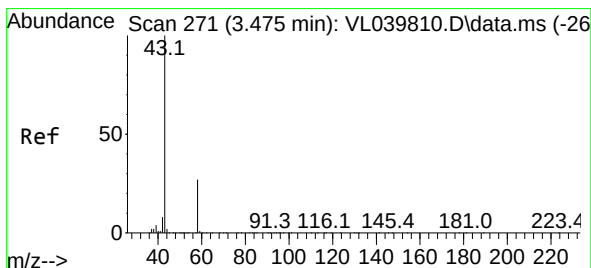
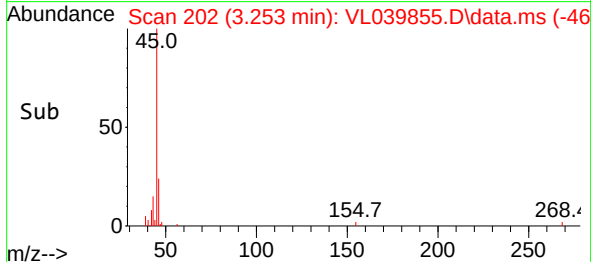
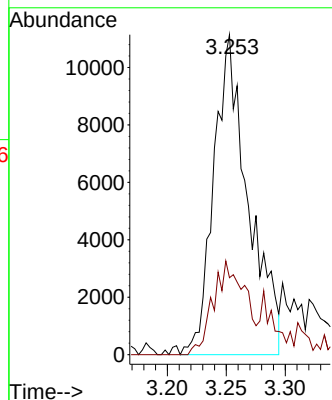
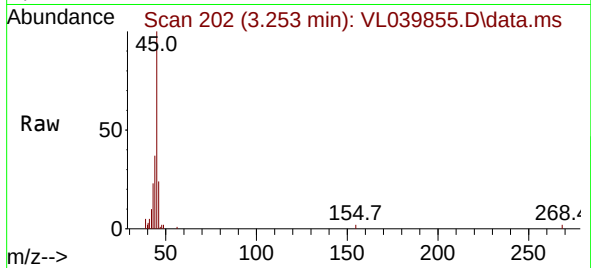
#13
Ethanol
Concen: 5.171 ppbv m
RT: 3.253 min Scan# 201
Delta R.T. 0.003 min
Lab File: VL039855.D
Acq: 9 Nov 2022 19:31

Instrument :
MSVOA_L
ClientSampleId :
10604-OUTSIDEDL

Tgt Ion: 45 Resp: 2269
Ion Ratio Lower Upper
45 100
46 34.4 16.5 65.9

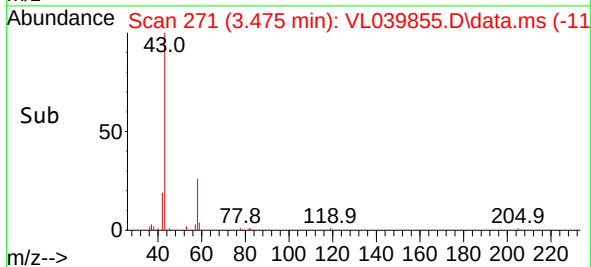
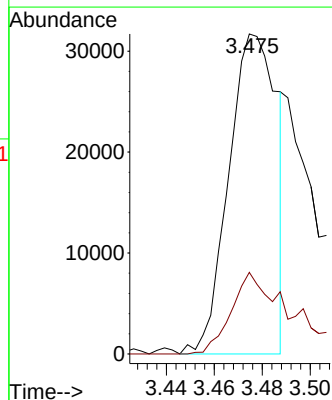
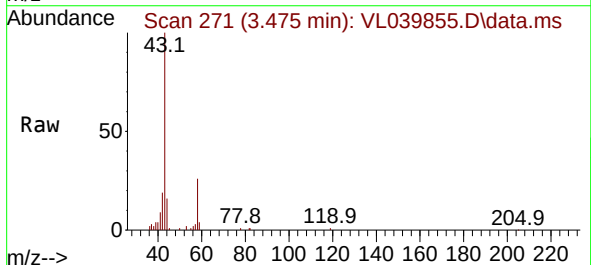
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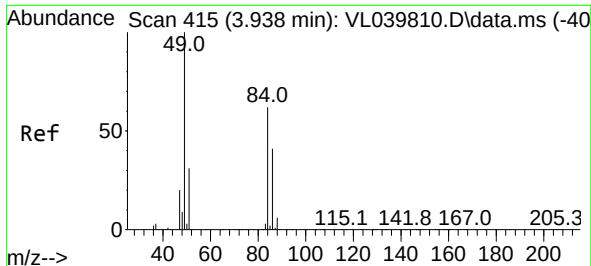
Reviewed By :Semsettin Yesilyurt 11/10/2022
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#15
Acetone
Concen: 0.363 ppbv
RT: 3.475 min Scan# 271
Delta R.T. -0.000 min
Lab File: VL039855.D
Acq: 9 Nov 2022 19:31

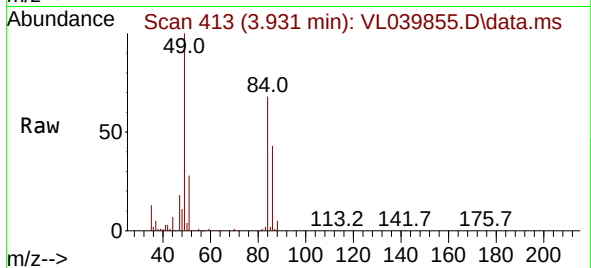
Tgt Ion: 43 Resp: 44143
Ion Ratio Lower Upper
43 100
58 34.4 23.2 34.8





#20
Methylene Chloride
Concen: 2.064 ppbv
RT: 3.931 min Scan# 415
Delta R.T. -0.007 min
Lab File: VL039855.D
Acq: 9 Nov 2022 19:31

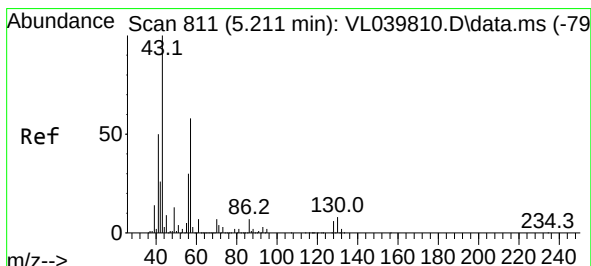
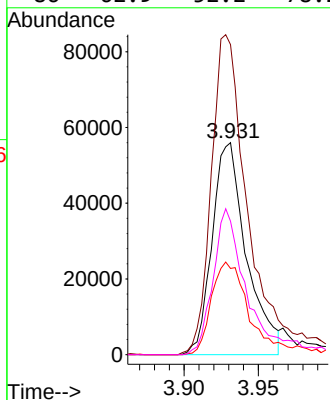
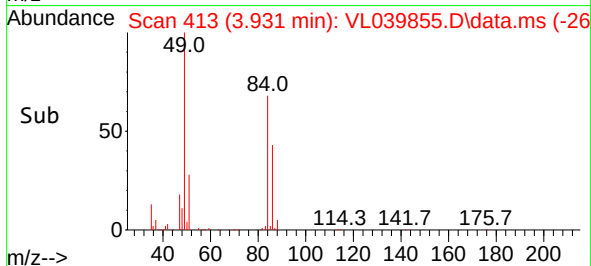
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 84 Resp: 89850
Ion Ratio Lower Upper
84 100
49 146.3 128.6 192.8
51 40.7 40.2 60.4
86 62.9 52.2 78.2

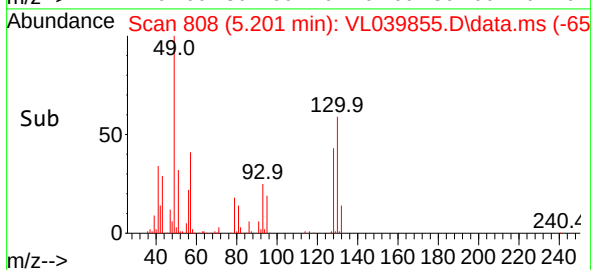
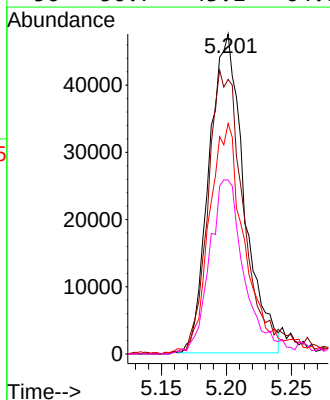
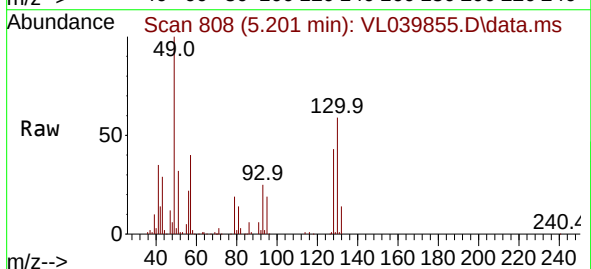
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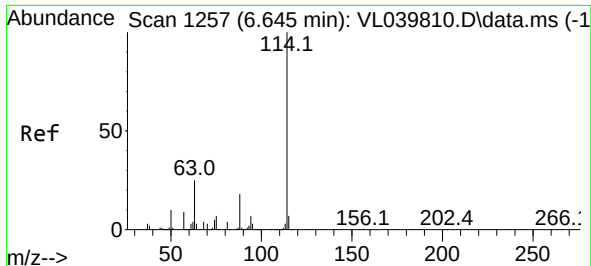
Reviewed By :Semsettin Yesilyurt 11/10/2022
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#26
Hexane
Concen: 0.795 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.010 min
Lab File: VL039855.D
Acq: 9 Nov 2022 19:31

Tgt Ion: 57 Resp: 88895
Ion Ratio Lower Upper
57 100
41 95.5 73.7 110.5
43 76.8 189.8 284.8#
56 56.7 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.629 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL039855.D

Acq: 9 Nov 2022 19:31

Instrument :

MSVOA_L

ClientSampleId :

10604-OUTSIDEDL

Tgt Ion:114 Resp: 231544

Ion Ratio Lower Upper

114 100

63 27.2 19.8 29.6

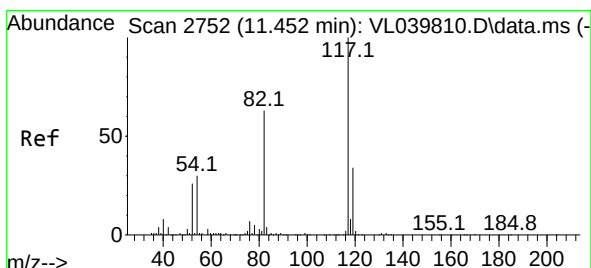
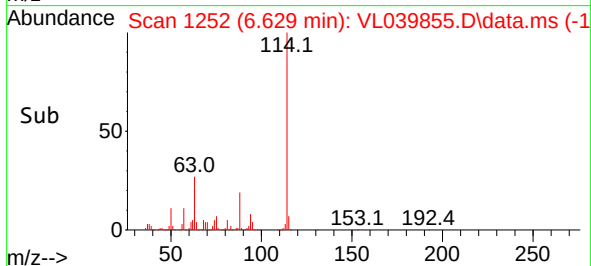
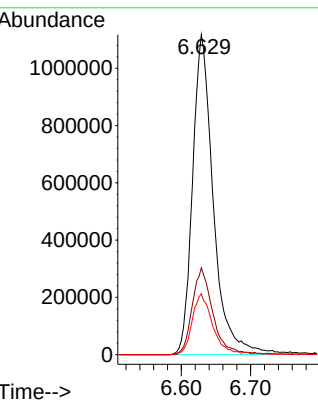
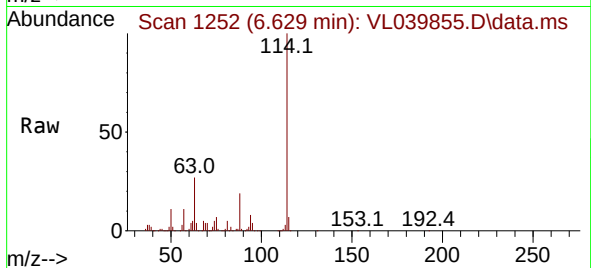
88 19.2 14.4 21.6

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.432 min Scan# 2746

Delta R.T. -0.019 min

Lab File: VL039855.D

Acq: 9 Nov 2022 19:31

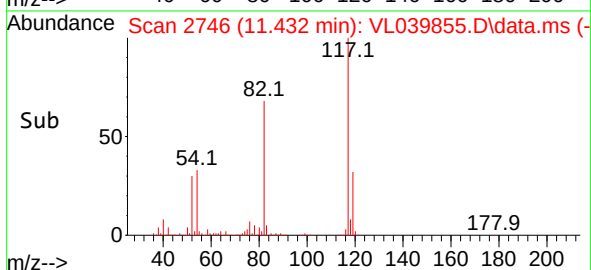
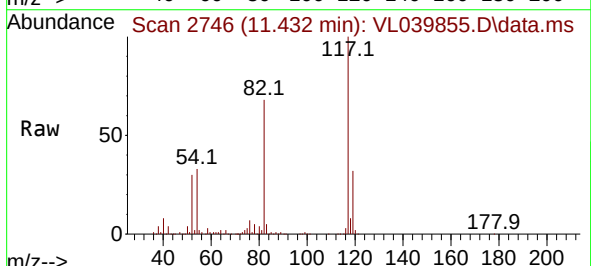
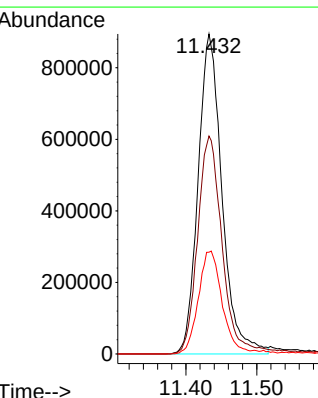
Tgt Ion:117 Resp: 2096588

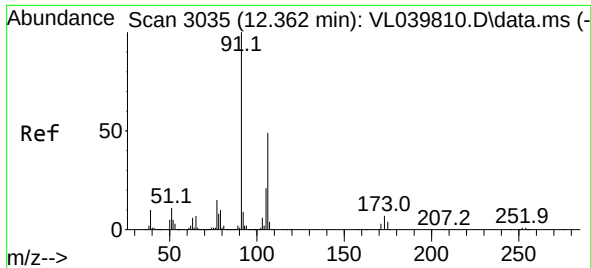
Ion Ratio Lower Upper

117 100

82 70.9 51.0 76.6

119 33.2 24.7 37.1





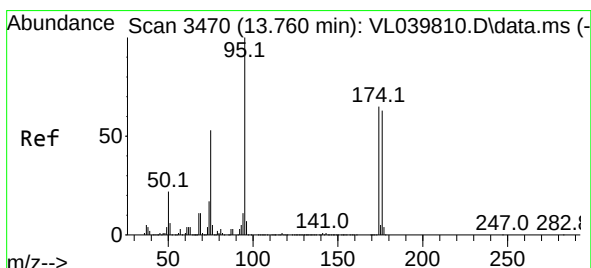
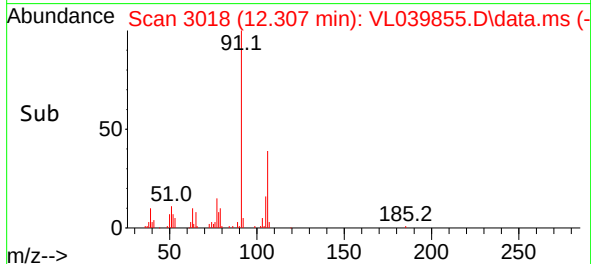
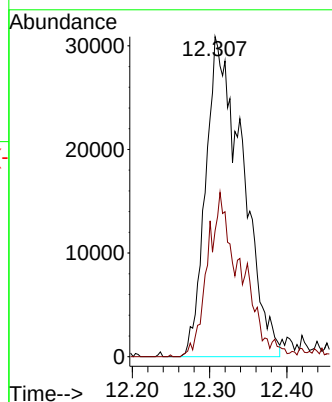
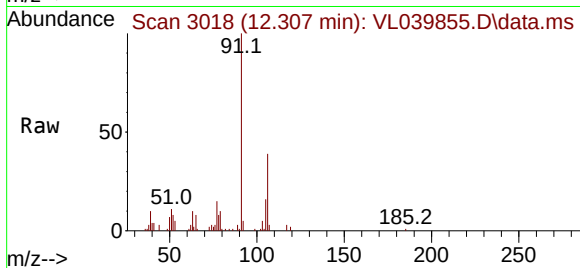
#59
m/p-Xylene
Concen: 0.432 ppbv m
RT: 12.307 min Scan# 3035
Delta R.T. -0.055 min
Lab File: VL039855.D
Acq: 9 Nov 2022 19:31

Instrument :
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ClientSampleId :
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Tgt Ion: 91 Resp: 102337
Ion Ratio Lower Upper
91 100
106 0.0 37.6 56.4

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.709 ppbv
RT: 13.741 min Scan# 3464
Delta R.T. -0.019 min
Lab File: VL039855.D
Acq: 9 Nov 2022 19:31

Tgt Ion: 95 Resp: 1680569
Ion Ratio Lower Upper
95 100
174 60.6 53.4 80.0
175 4.4 4.1 6.1

