

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039555.D
 Acq On : 17 Aug 2022 19:36
 Operator : SY/AP
 Sample : N4125-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

Quant Time: Aug 18 05:39:42 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug :
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1025631	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2651284	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2398215	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1818087	10.070	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%
Target Compounds						
					Qvalue	
13) Ethanol	3.272	45	15095m	3.746	ppbv	
15) Acetone	3.504	43	68679	0.593	ppbv	95
19) Isopropyl Alcohol	3.616	45	7275m	0.128	ppbv	
20) Methylene Chloride	3.954	84	62006	1.314	ppbv	95
26) Hexane	5.227	57	32024	0.316	ppbv #	42

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

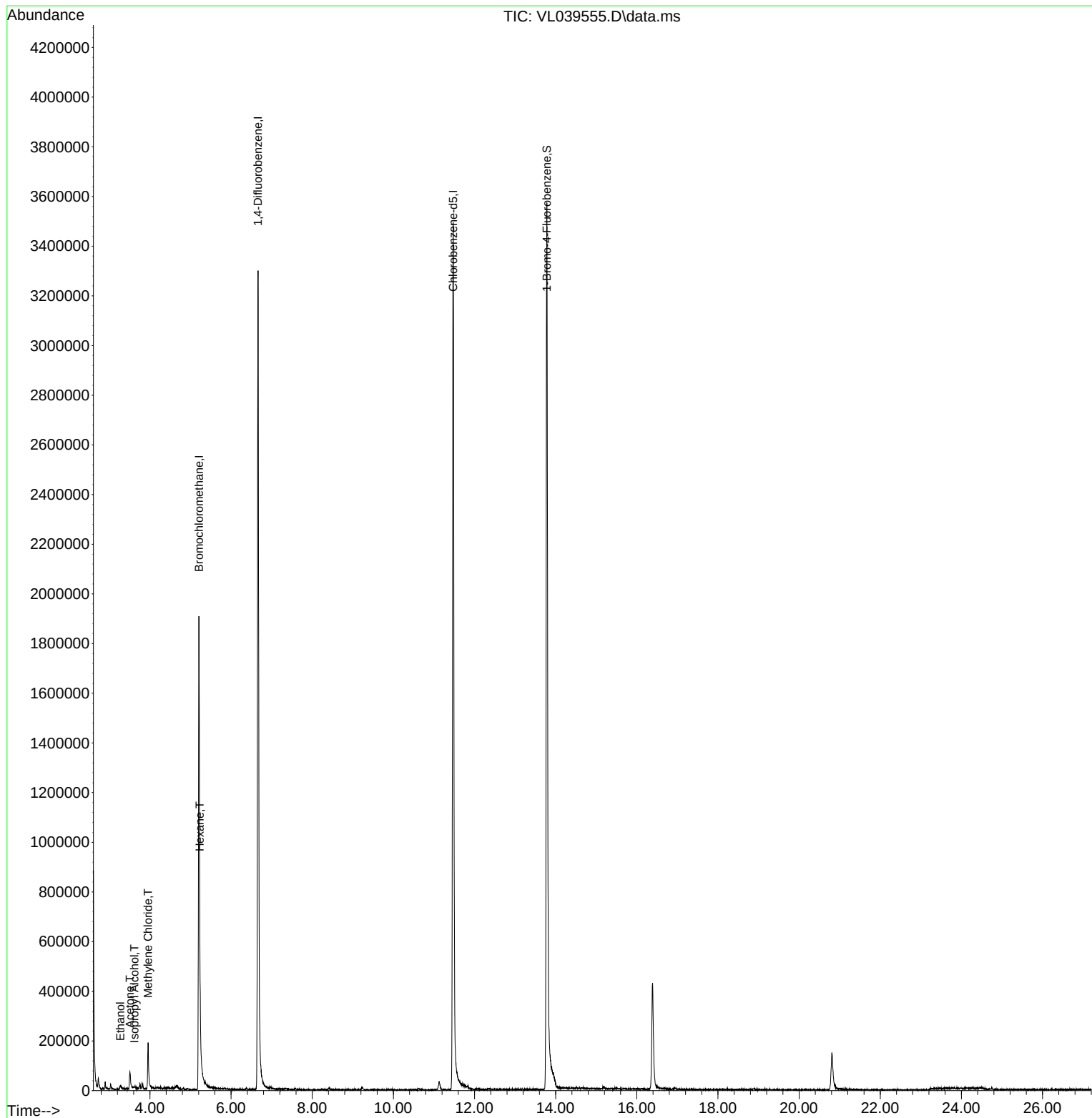
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
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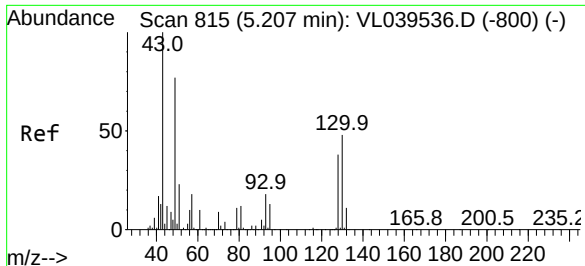
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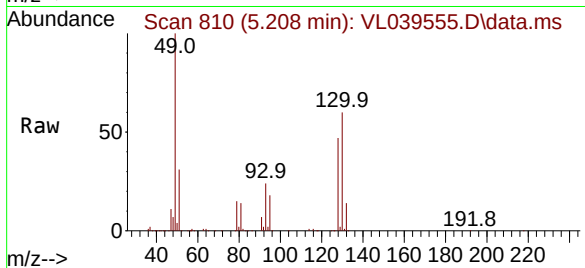
Quant Time: Aug 18 05:39:42 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug
QLast Update : Wed Aug 17 12:06:24 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 815
Delta R.T. 0.001 min
Lab File: VL039555.D
Acq: 17 Aug 2022 19:36

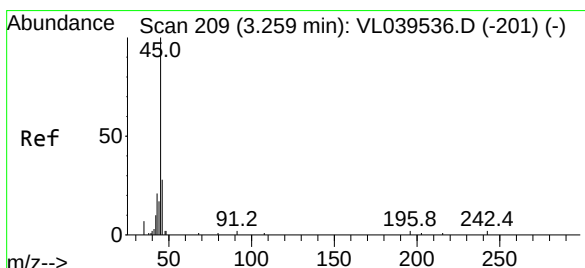
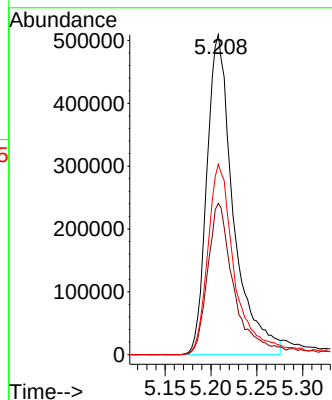
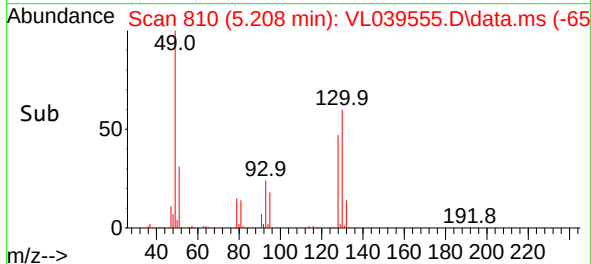
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 102563
Ion Ratio Lower Upper
49 100
128 49.2 25.7 77.0
130 63.0 31.6 95.0

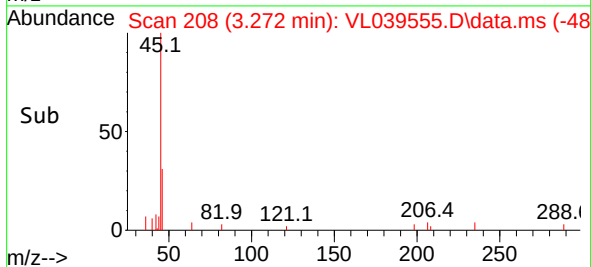
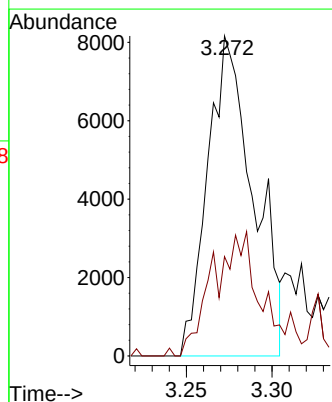
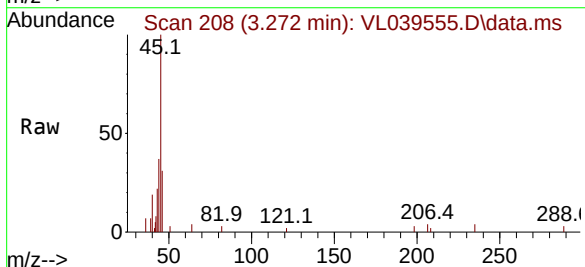
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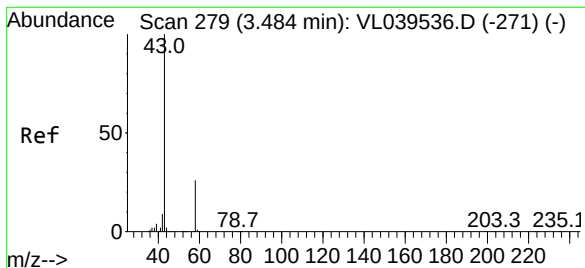
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#13
Ethanol
Concen: 3.746 ppbv m
RT: 3.272 min Scan# 208
Delta R.T. 0.014 min
Lab File: VL039555.D
Acq: 17 Aug 2022 19:36

Tgt Ion: 45 Resp: 15095
Ion Ratio Lower Upper
45 100
46 0.0 19.3 77.1#





#15

Acetone

Concen: 0.593 ppbv

RT: 3.504 min Scan# 21

Delta R.T. 0.020 min

Lab File: VL039555.D

Acq: 17 Aug 2022 19:36

Instrument :

MSVOA_L

ClientSampleId :

OA1DL

Tgt Ion: 43 Resp: 68679

Ion Ratio Lower Upper

43 100

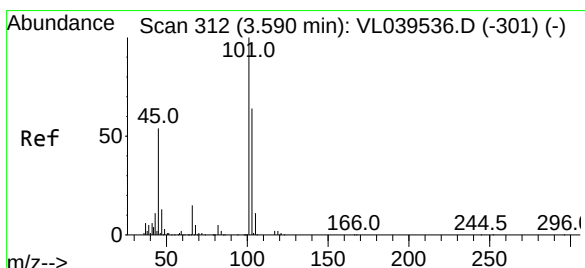
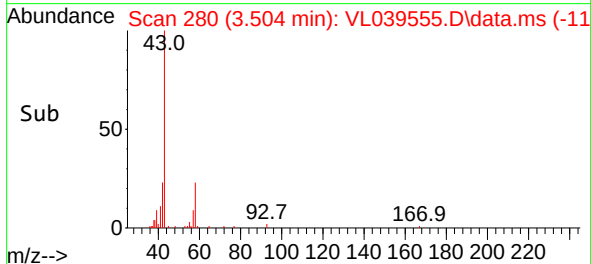
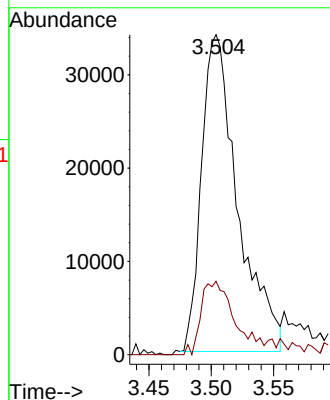
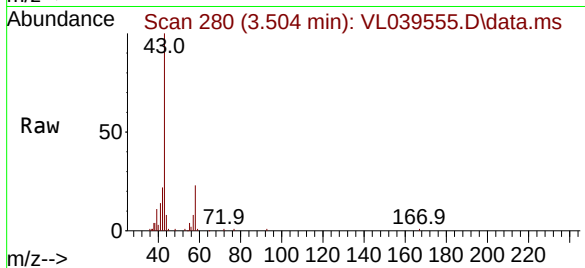
58 23.6 20.7 31.1

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#19

Isopropyl Alcohol

Concen: 0.128 ppbv m

RT: 3.616 min Scan# 315

Delta R.T. 0.026 min

Lab File: VL039555.D

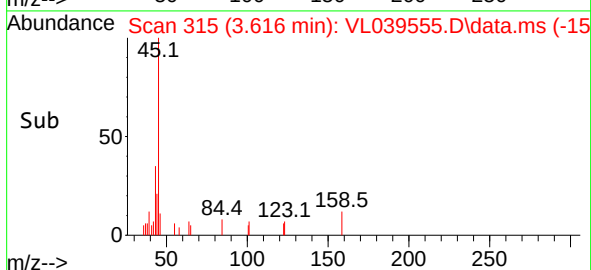
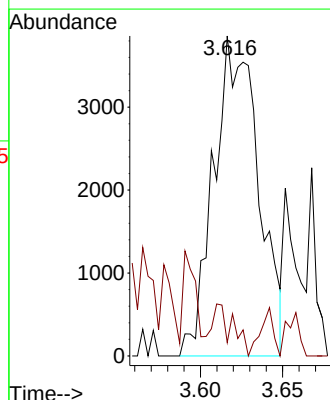
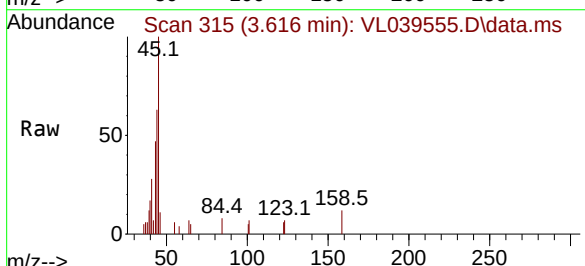
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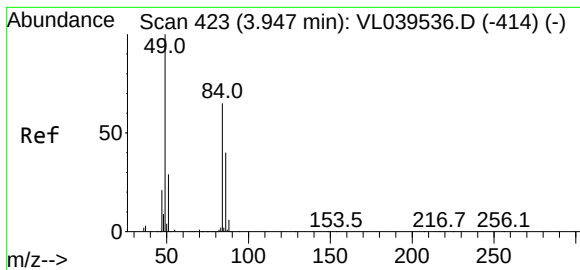
Tgt Ion: 45 Resp: 7275

Ion Ratio Lower Upper

45 100

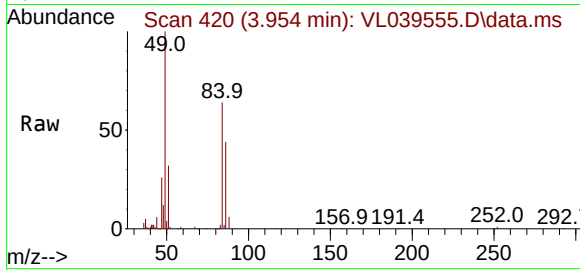
58 33.4 0.0 0.0#





#20
Methylene Chloride
Concen: 1.314 ppbv
RT: 3.954 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL039555.D
Acq: 17 Aug 2022 19:36

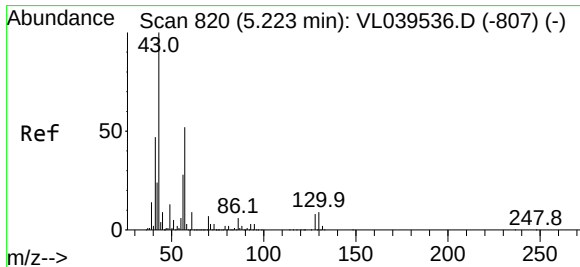
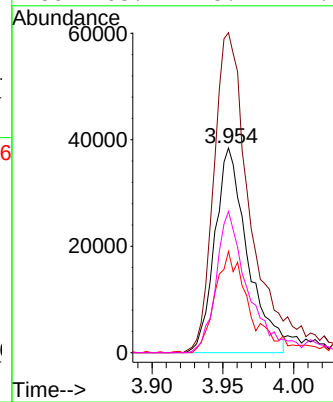
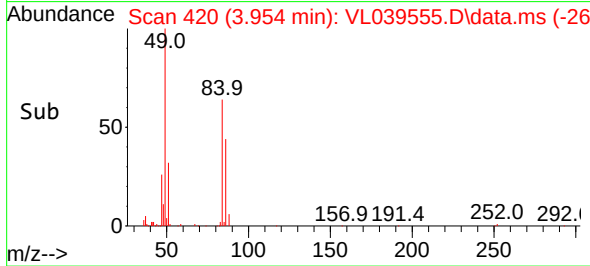
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 84 Resp: 62000
Ion Ratio Lower Upper
84 100
49 156.2 122.2 183.4
51 49.5 35.8 53.6
86 68.9 48.4 72.6

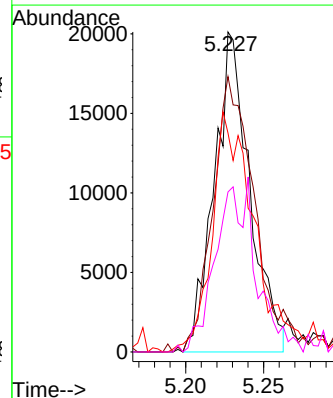
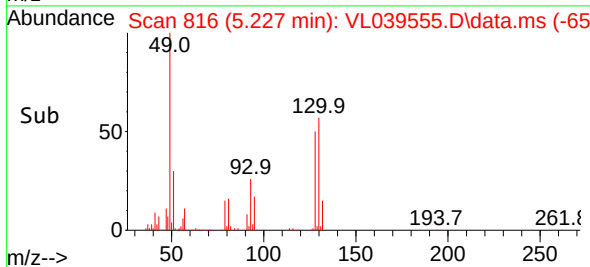
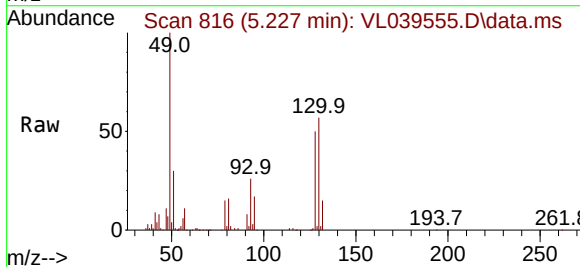
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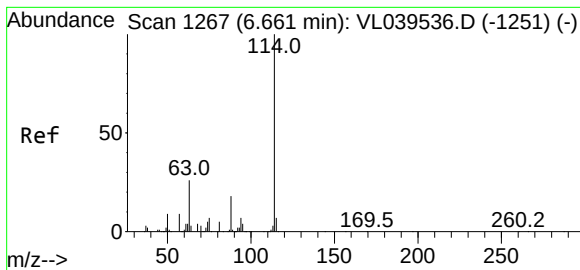
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#26
Hexane
Concen: 0.316 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.004 min
Lab File: VL039555.D
Acq: 17 Aug 2022 19:36

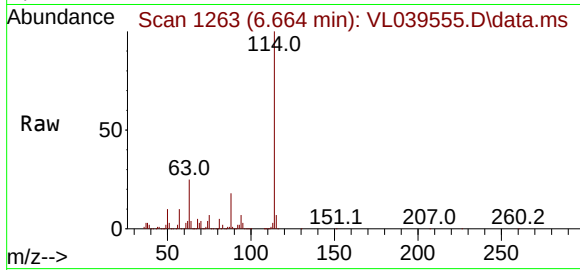
Tgt Ion: 57 Resp: 32024
Ion Ratio Lower Upper
57 100
41 102.9 79.4 119.2
43 93.2 199.7 299.5#
56 62.5 44.0 66.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 11
Delta R.T. 0.004 min
Lab File: VL039555.D
Acq: 17 Aug 2022 19:36

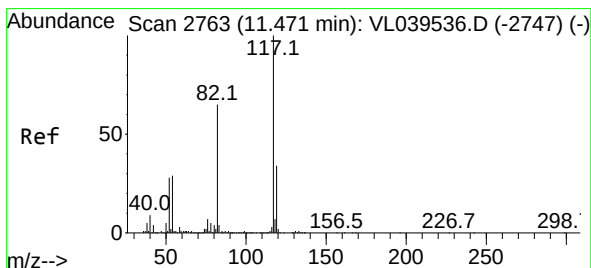
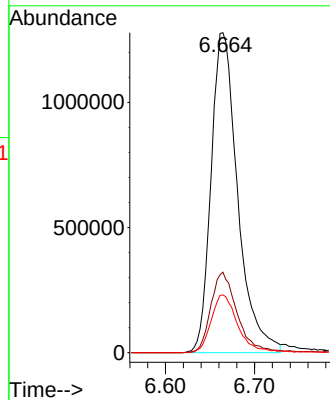
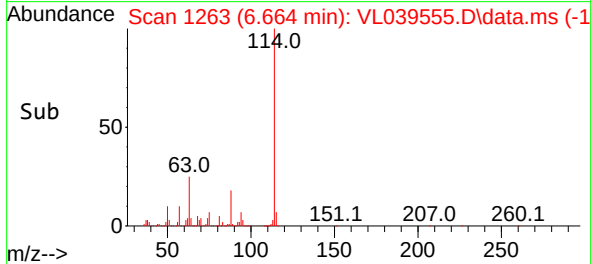
Instrument :
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Tgt Ion:114 Resp: 2651284
Ion Ratio Lower Upper
114 100
63 25.5 20.6 31.0
88 18.5 14.6 22.0

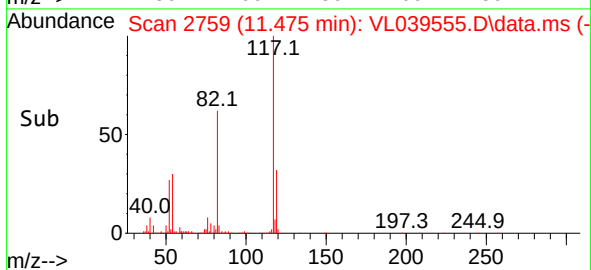
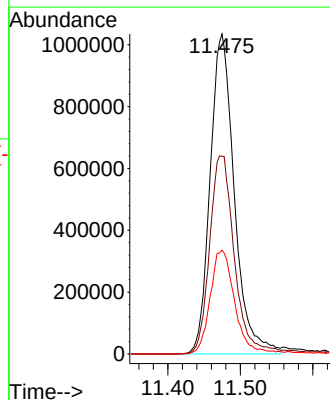
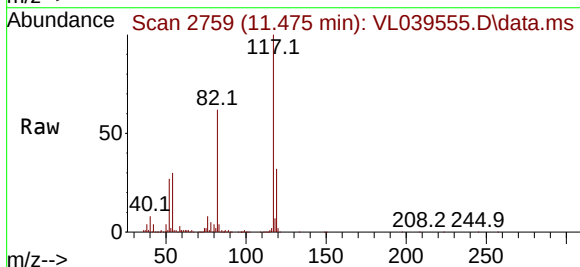
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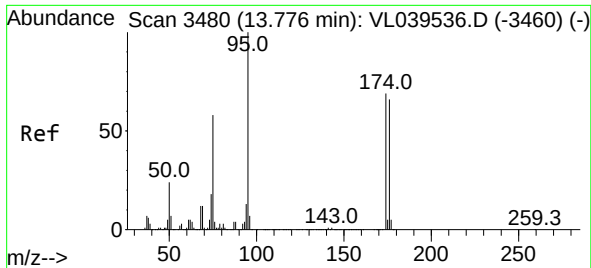
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Supervised By :Mahesh Dadoda 08/19/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2759
Delta R.T. 0.004 min
Lab File: VL039555.D
Acq: 17 Aug 2022 19:36

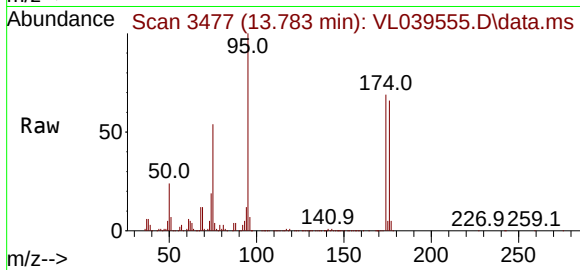
Tgt Ion:117 Resp: 2398215
Ion Ratio Lower Upper
117 100
82 65.4 49.1 73.7
119 33.5 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.070 ppbv
 RT: 13.783 min Scan# 34
 Delta R.T. 0.007 min
 Lab File: VL039555.D
 Acq: 17 Aug 2022 19:36

Instrument :
 MSVOA_L
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Tgt Ion: 95 Resp: 181808
 Ion Ratio Lower Upper
 95 100
 174 71.5 56.3 84.5
 175 4.9 4.3 6.5

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