

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039553.D
 Acq On : 17 Aug 2022 18:16
 Operator : SY/AP
 Sample : N4125-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 05:39:18 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
 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	1060332	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2808703	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2522951	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1887709	9.939	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds						
					Qvalue	
9) Propene	2.732	41	17184	0.297	ppbv #	76
13) Ethanol	3.272	45	50618m	12.149	ppbv	
15) Acetone	3.501	43	172178m	1.437	ppbv	
19) Isopropyl Alcohol	3.616	45	19992m	0.341	ppbv	
20) Methylene Chloride	3.951	84	169540	3.476	ppbv	97
25) Ethyl Acetate	5.230	43	112235	0.439	ppbv #	96
26) Hexane	5.230	57	64053	0.612	ppbv #	79
34) 2-Butanone	4.832	43	21697m	0.154	ppbv	
53) Toluene	9.227	91	48927m	0.204	ppbv	

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

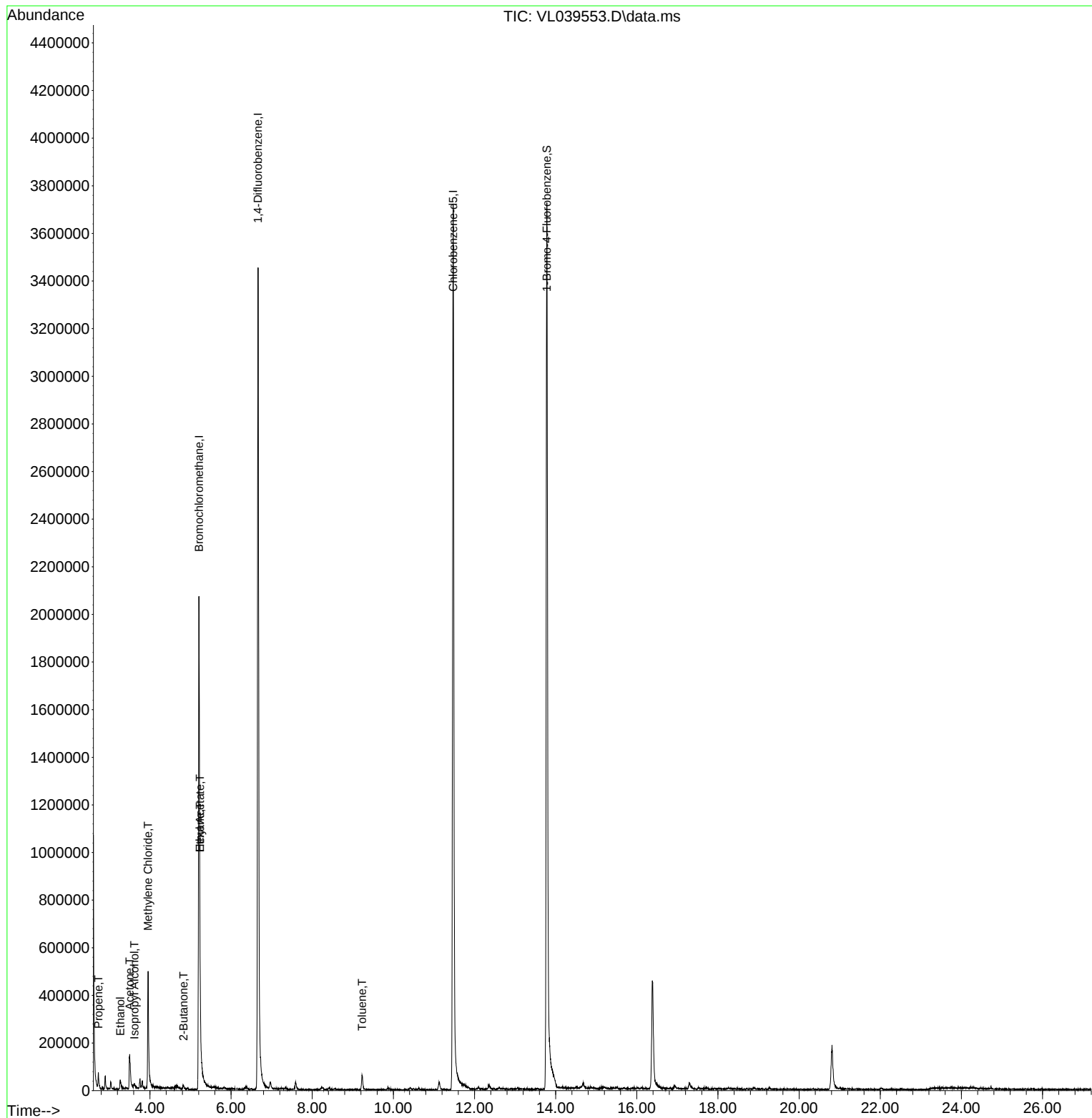
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
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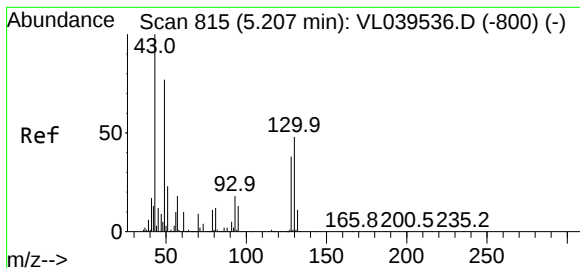
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Quant Time: Aug 18 05:39:18 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
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Supervised By :Mahesh Dadoda 08/19/2022





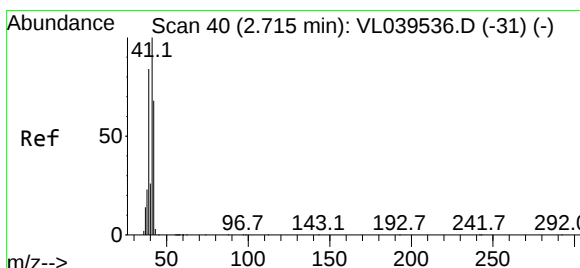
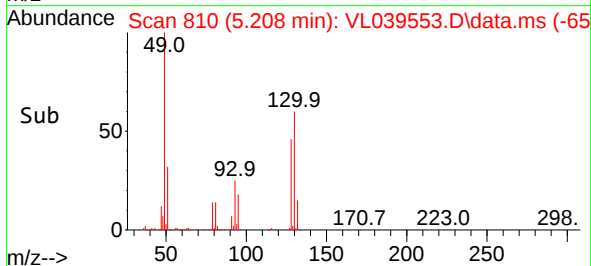
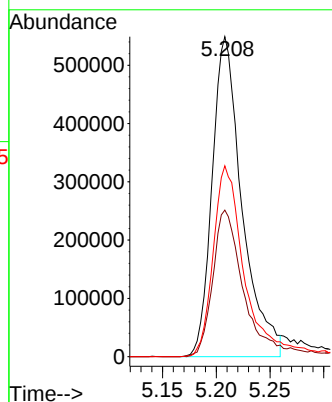
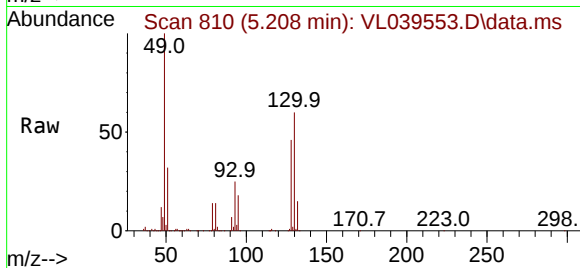
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 815
Delta R.T. 0.001 min
Lab File: VL039553.D
Acq: 17 Aug 2022 18:16

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 49 Resp: 106033
Ion Ratio Lower Upper
49 100
128 49.3 25.7 77.0
130 65.4 31.6 95.0

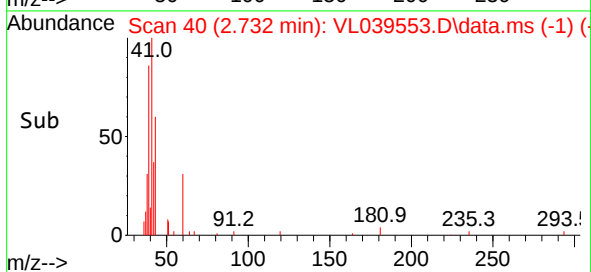
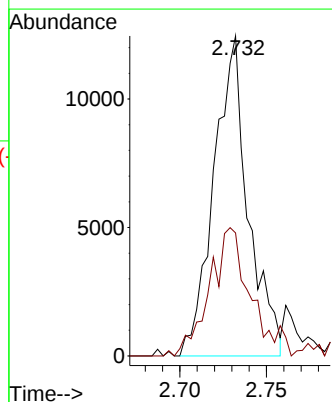
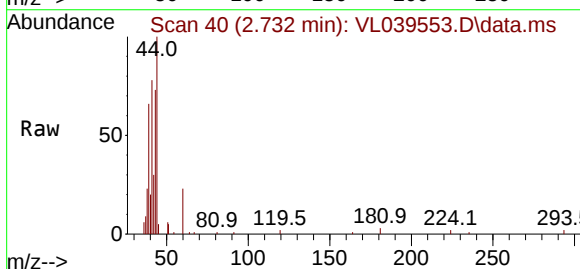
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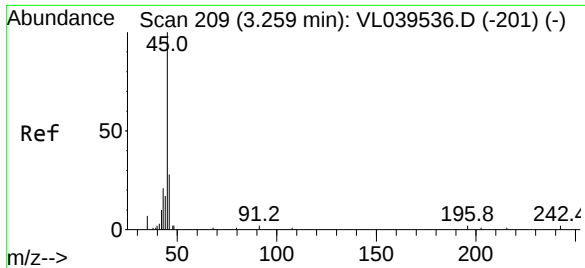
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#9
Propene
Concen: 0.297 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.017 min
Lab File: VL039553.D
Acq: 17 Aug 2022 18:16

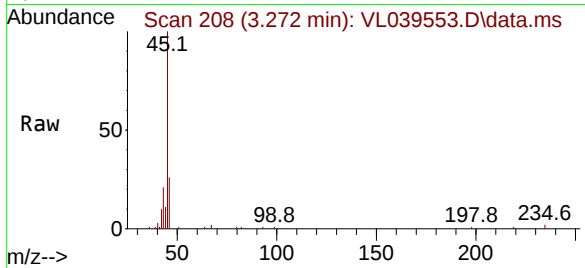
Tgt Ion: 41 Resp: 17184
Ion Ratio Lower Upper
41 100
42 49.8 55.4 83.0





#13
Ethanol
Concen: 12.149 ppbv m
RT: 3.272 min Scan# 208
Delta R.T. 0.014 min
Lab File: VL039553.D
Acq: 17 Aug 2022 18:16

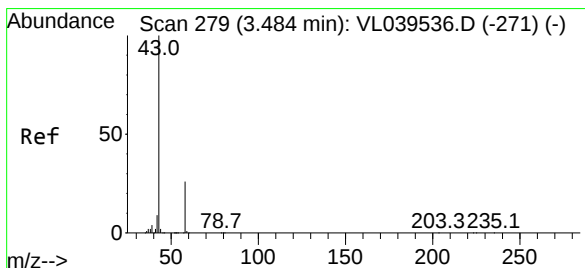
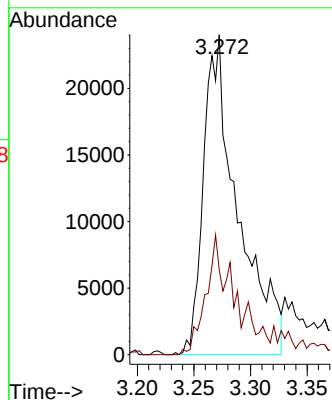
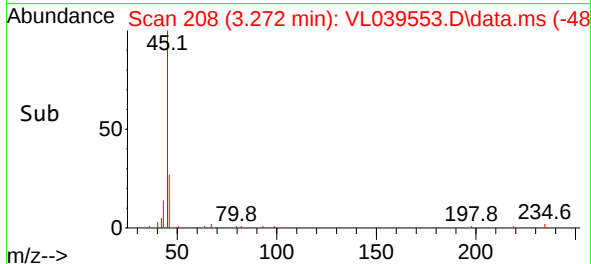
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 45 Resp: 50618
Ion Ratio Lower Upper
45 100
46 0.0 19.3 77.1

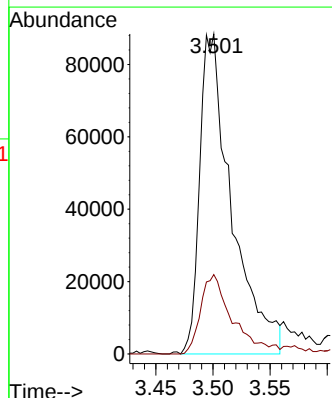
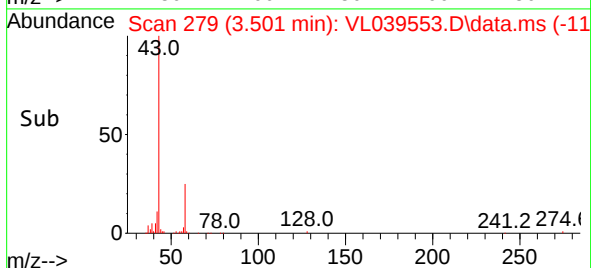
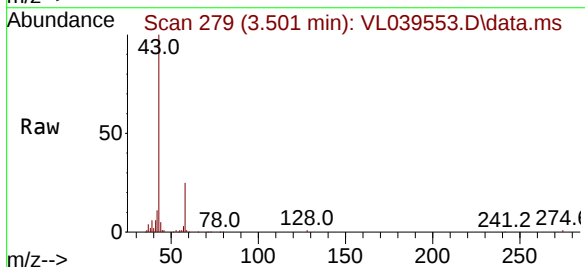
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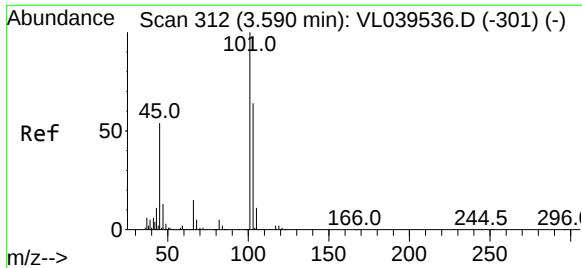
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#15
Acetone
Concen: 1.437 ppbv m
RT: 3.501 min Scan# 279
Delta R.T. 0.017 min
Lab File: VL039553.D
Acq: 17 Aug 2022 18:16

Tgt Ion: 43 Resp: 172178
Ion Ratio Lower Upper
43 100
58 26.4 20.7 31.1





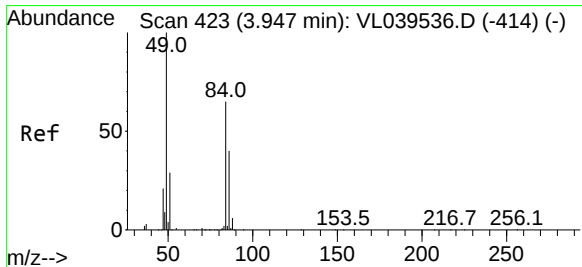
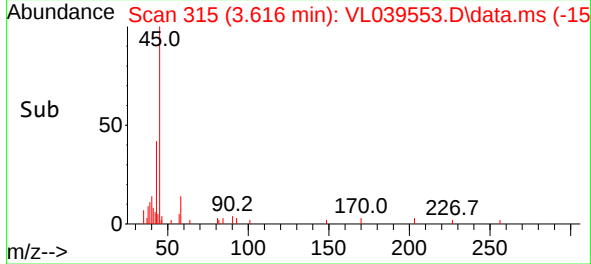
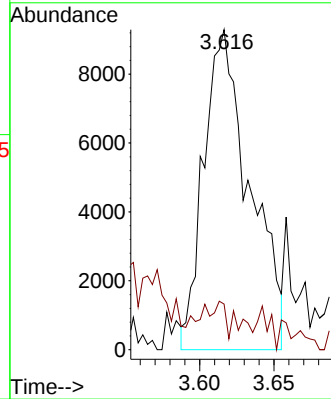
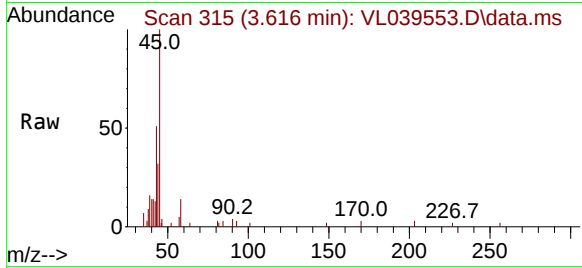
#19
Isopropyl Alcohol
Concen: 0.341 ppbv m
RT: 3.616 min Scan# 312
Delta R.T. 0.026 min
Lab File: VL039553.D
Acq: 17 Aug 2022 18:16

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 45 Resp: 19992
Ion Ratio Lower Upper
45 100
58 0.0 0.0 0.0

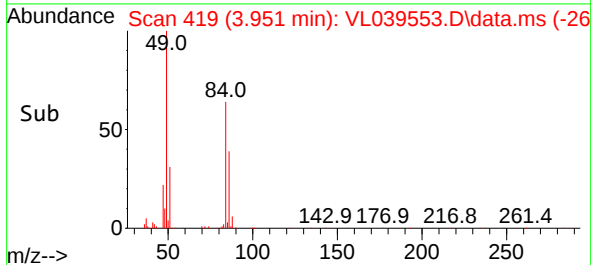
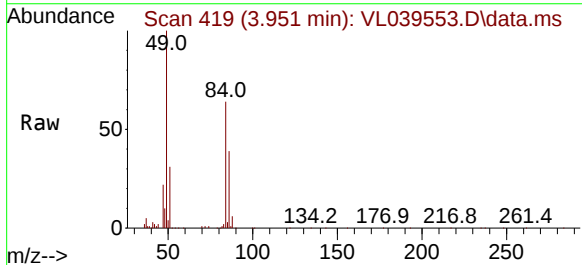
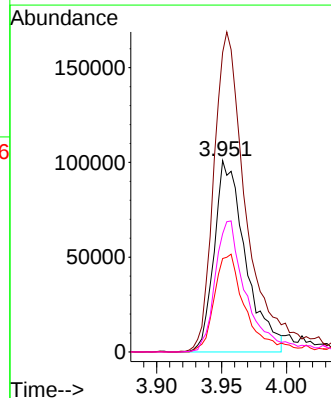
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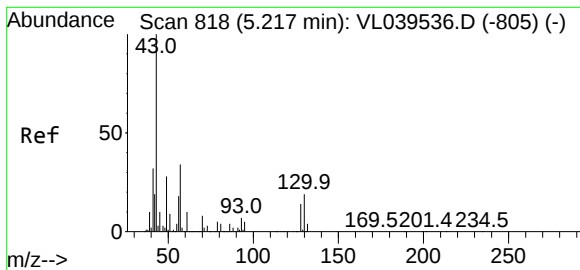
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#20
Methylene Chloride
Concen: 3.476 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.004 min
Lab File: VL039553.D
Acq: 17 Aug 2022 18:16

Tgt Ion: 84 Resp: 169540
Ion Ratio Lower Upper
84 100
49 156.1 122.2 183.4
51 48.9 35.8 53.6
86 61.8 48.4 72.6





#25
Ethyl Acetate
Concen: 0.439 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.014 min
Lab File: VL039553.D
Acq: 17 Aug 2022 18:16

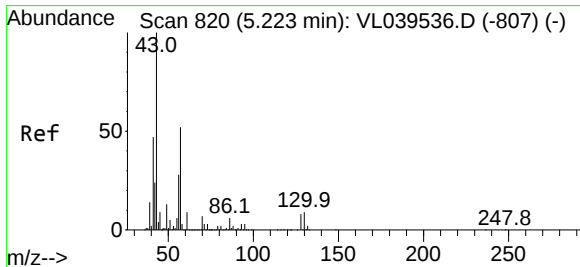
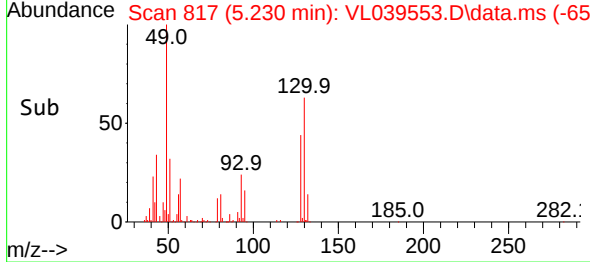
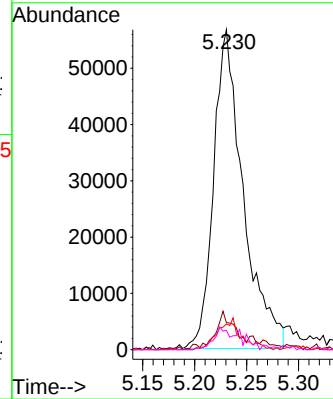
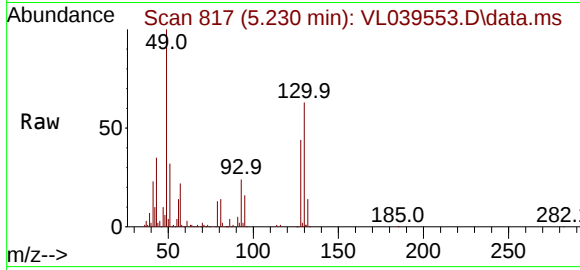
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 43 Resp: 11223

Ion	Ratio	Lower	Upper
43	100		
45	11.3	8.2	12.4
61	7.8	8.6	12.8
70	7.3	5.7	8.5

Manual Integrations
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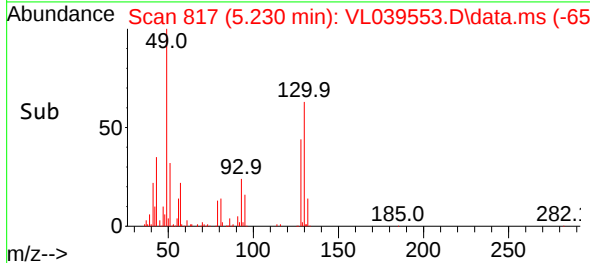
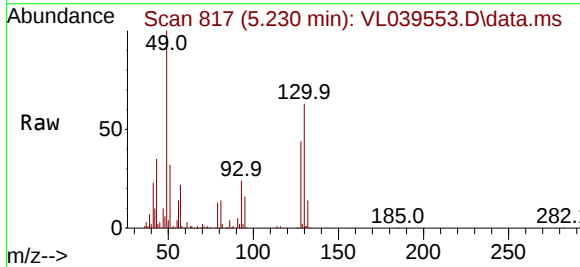
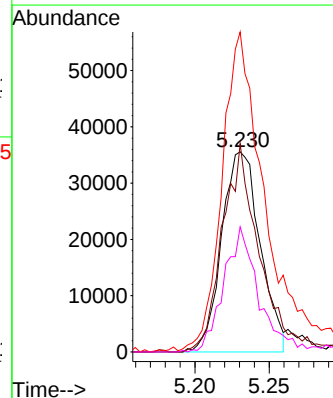
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Supervised By :Mahesh Dadoda 08/19/2022

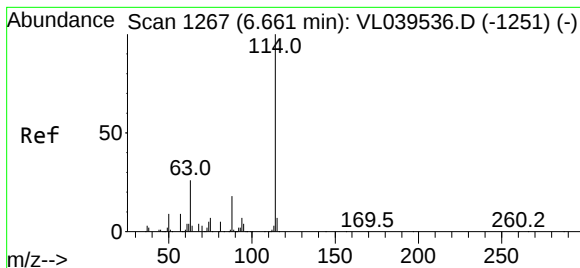


#26
Hexane
Concen: 0.612 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.007 min
Lab File: VL039553.D
Acq: 17 Aug 2022 18:16

Tgt Ion: 57 Resp: 64053

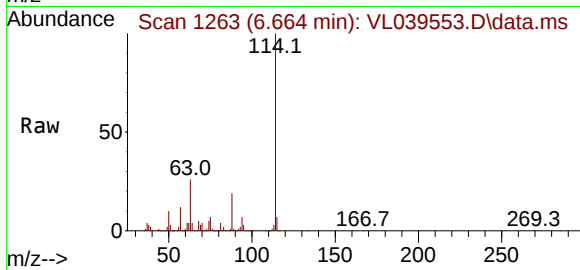
Ion	Ratio	Lower	Upper
57	100		
41	103.1	79.4	119.2
43	195.6	199.7	299.5
56	59.1	44.0	66.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 114
Delta R.T. 0.004 min
Lab File: VL039553.D
Acq: 17 Aug 2022 18:16

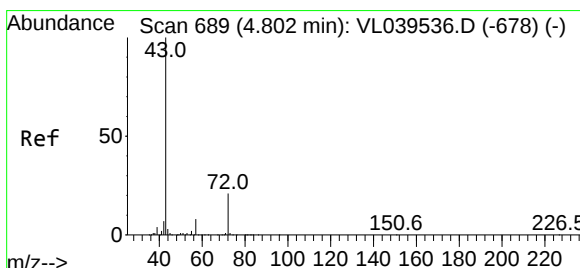
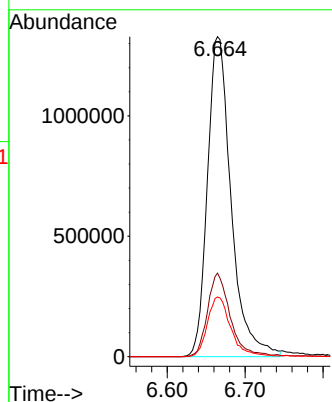
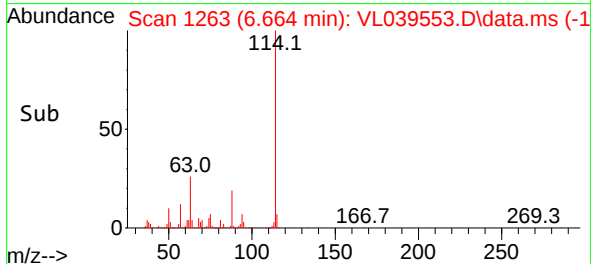
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion:114 Resp: 280870
Ion Ratio Lower Upper
114 100
63 25.5 20.6 31.0
88 18.8 14.6 22.0

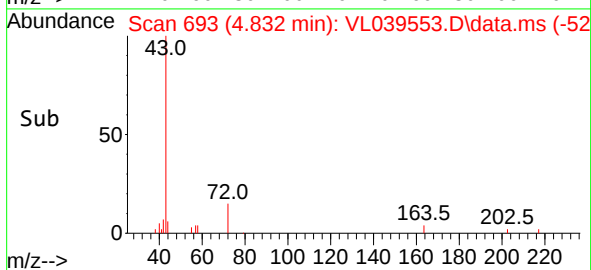
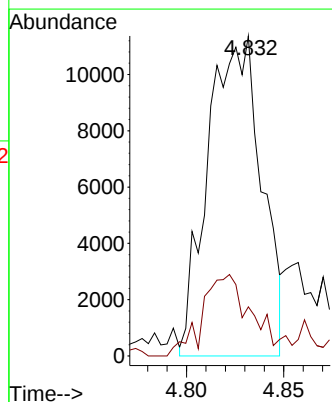
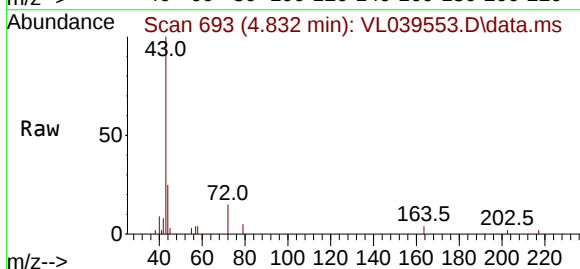
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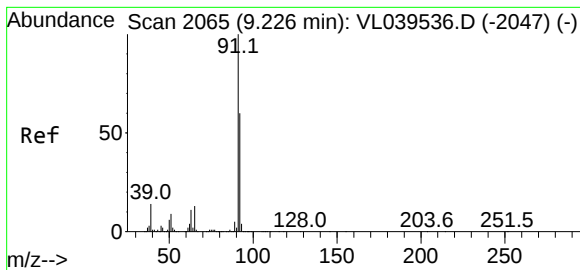
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#34
2-Butanone
Concen: 0.154 ppbv m
RT: 4.832 min Scan# 693
Delta R.T. 0.030 min
Lab File: VL039553.D
Acq: 17 Aug 2022 18:16

Tgt Ion: 43 Resp: 21697
Ion Ratio Lower Upper
43 100
72 24.6 17.4 26.0





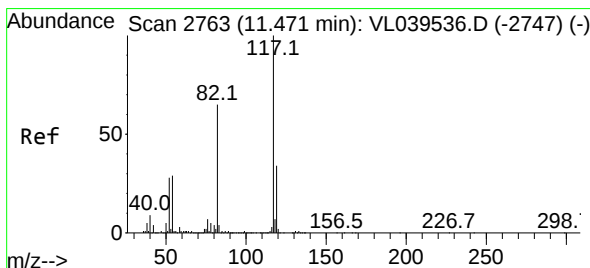
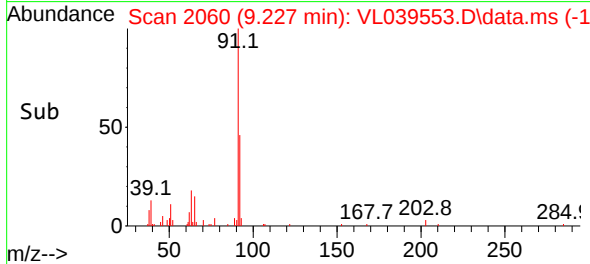
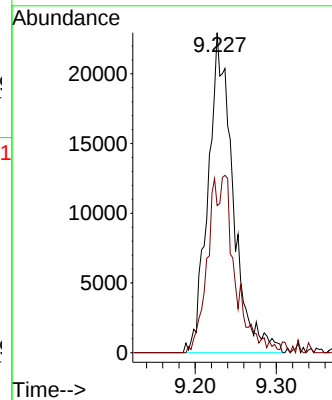
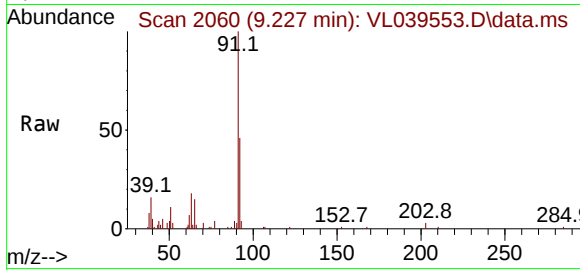
#53
Toluene
Concen: 0.204 ppbv m
RT: 9.227 min Scan# 2065
Delta R.T. 0.001 min
Lab File: VL039553.D
Acq: 17 Aug 2022 18:16

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 91 Resp: 4892
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9

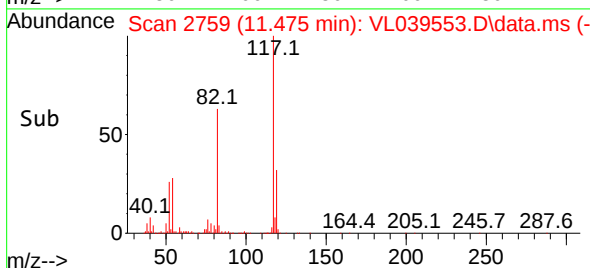
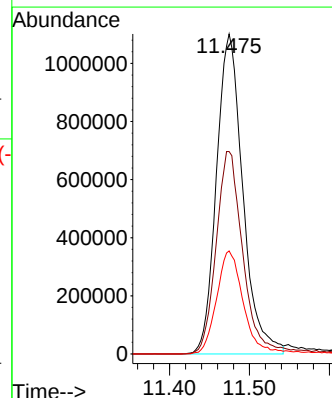
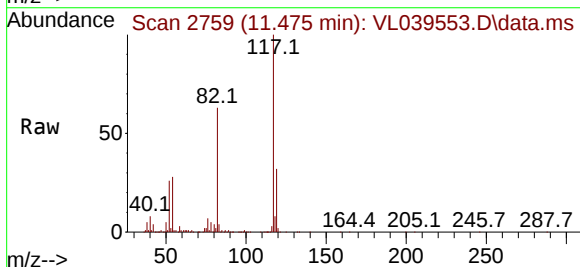
Manual Integrations
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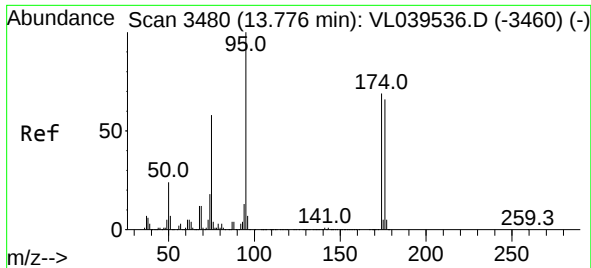
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2759
Delta R.T. 0.004 min
Lab File: VL039553.D
Acq: 17 Aug 2022 18:16

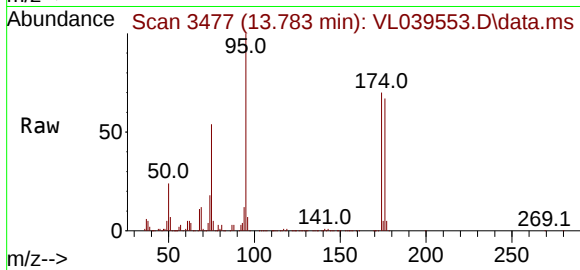
Tgt Ion:117 Resp: 2522951
Ion Ratio Lower Upper
117 100
82 65.6 49.1 73.7
119 33.6 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.939 ppbv
 RT: 13.783 min Scan# 3480
 Delta R.T. 0.007 min
 Lab File: VL039553.D
 Acq: 17 Aug 2022 18:16

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL



Tgt Ion: 95 Resp: 1887709

Ion	Ratio	Lower	Upper
95	100		
174	74.3	56.3	84.5
175	5.4	4.3	6.5

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