

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030122\
 Data File : VL038457.D
 Acq On : 1 Mar 2022 19:09
 Operator : SY/AP
 Sample : N1720-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/02/2022
 Supervised By :Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 03:07:57 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	892006	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.176	114	2152917	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.085	117	1825187	10.000	ppbv	# 0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	1370477	9.075	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.700%
Target Compounds						
					Qvalue	
9) Propene	3.031	41	9546m	0.184	ppbv	
13) Ethanol	3.629	45	106702m	20.558	ppbv	
15) Acetone	3.874	43	31506m	0.415	ppbv	
19) Isopropyl Alcohol	3.996	45	26729m	0.608	ppbv	
20) Methylene Chloride	4.349	84	15885	0.423	ppbv	90
26) Hexane	5.690	57	12519m	0.136	ppbv	

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

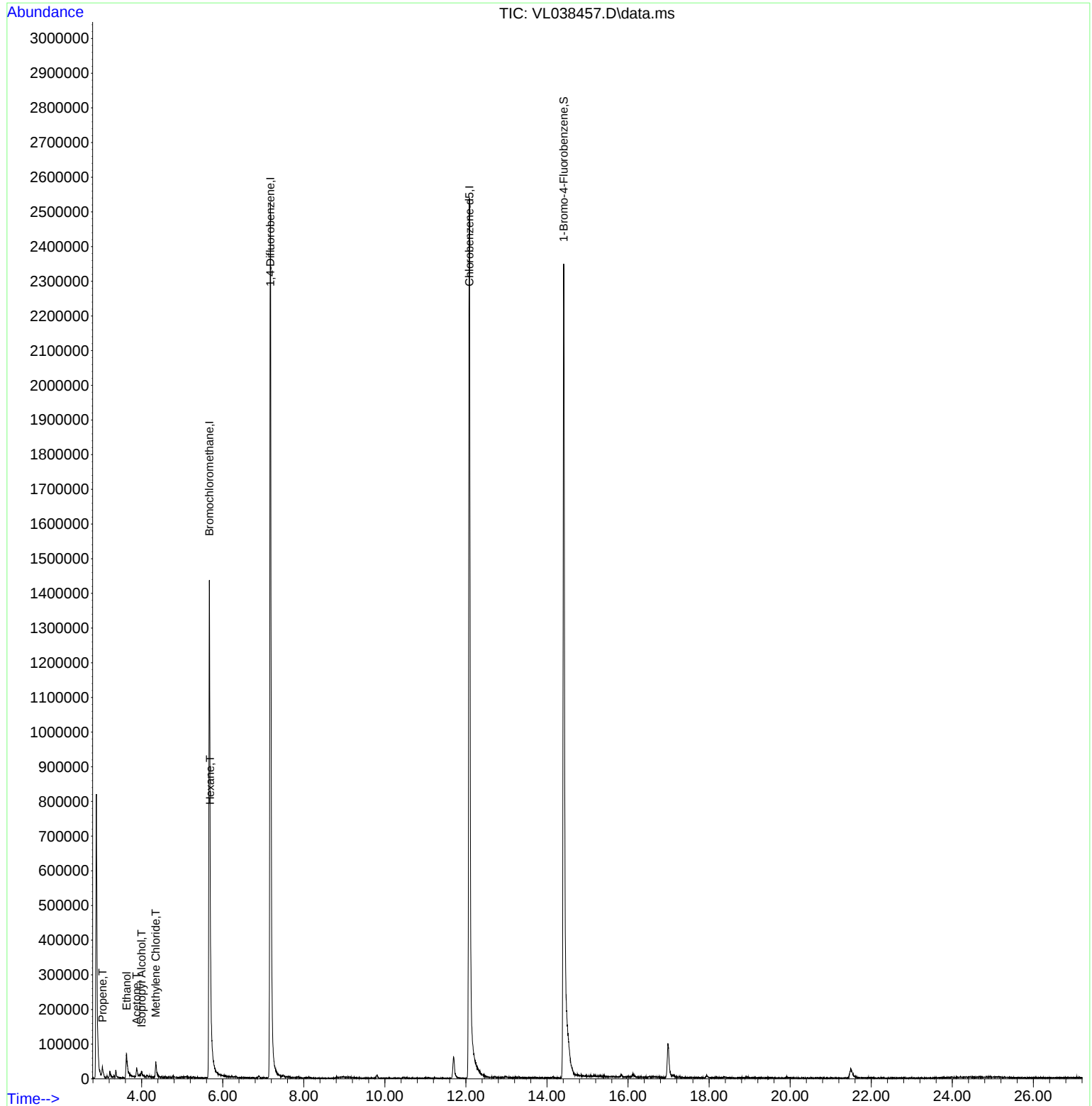
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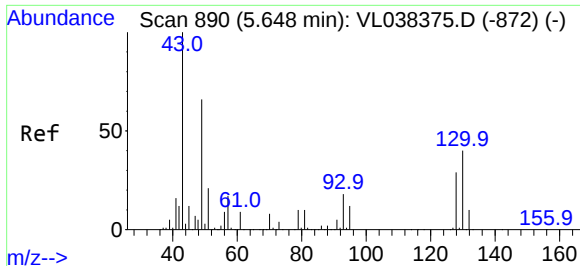
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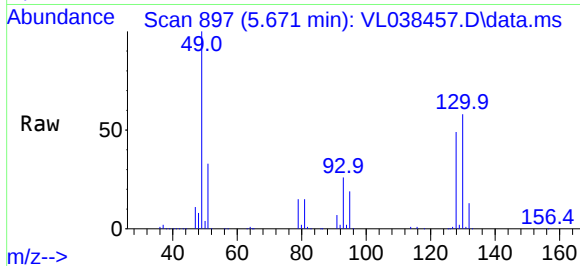
Quant Time: Mar 02 03:07:57 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. 0.023 min
Lab File: VL038457.D
Acq: 1 Mar 2022 19:09

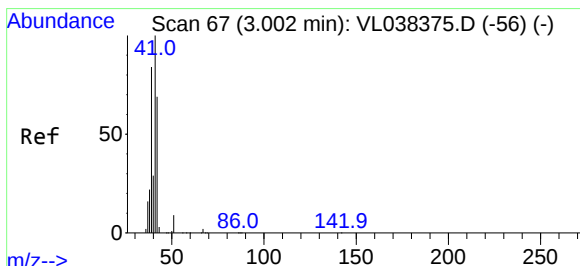
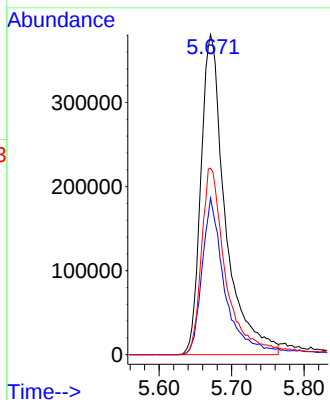
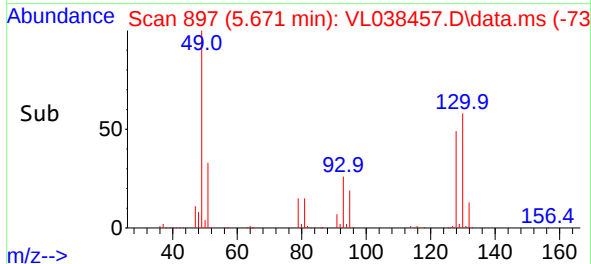
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 49 Resp: 892000
Ion Ratio Lower Upper
49 100
128 47.4 24.3 72.9
130 61.0 30.1 90.5

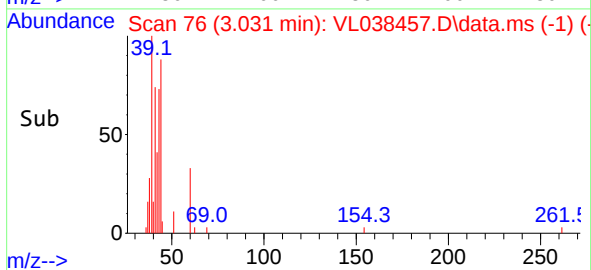
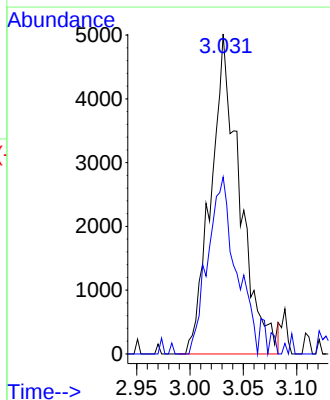
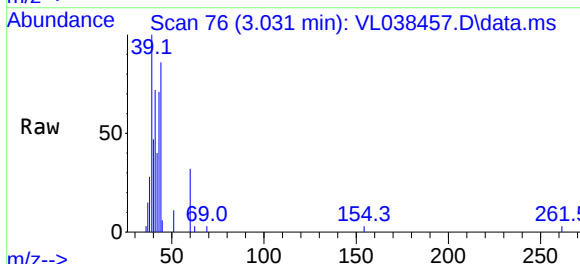
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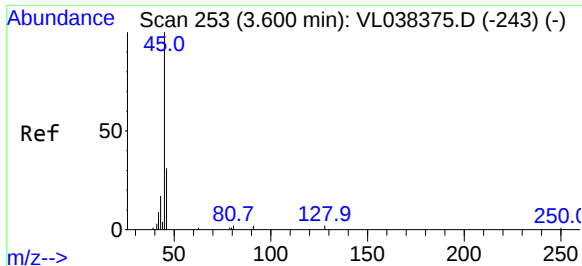
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#9
Propene
Concen: 0.184 ppbv m
RT: 3.031 min Scan# 76
Delta R.T. 0.029 min
Lab File: VL038457.D
Acq: 1 Mar 2022 19:09

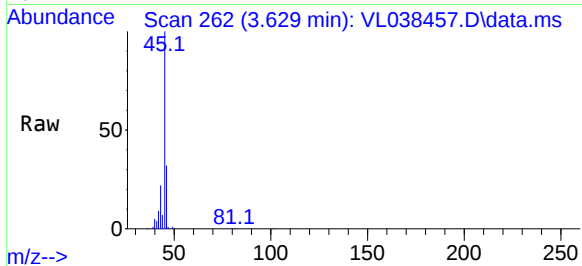
Tgt Ion: 41 Resp: 9546
Ion Ratio Lower Upper
41 100
42 28.5 54.6 82.0#





#13
Ethanol
Concen: 20.558 ppbv m
RT: 3.629 min Scan# 20
Delta R.T. 0.029 min
Lab File: VL038457.D
Acq: 1 Mar 2022 19:09

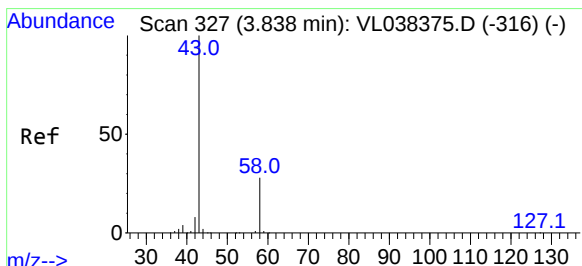
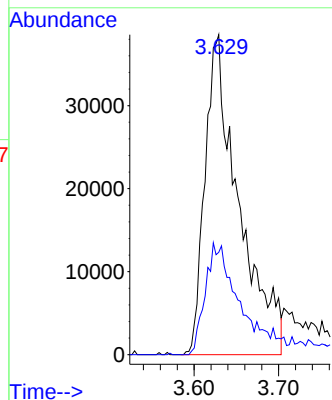
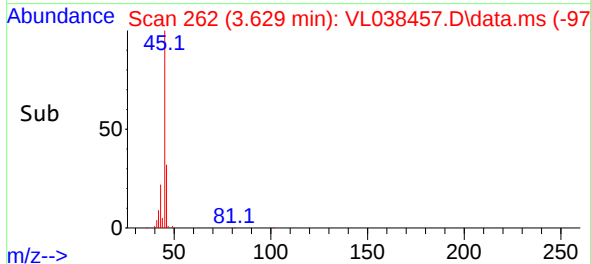
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 45 Resp: 106702
Ion Ratio Lower Upper
45 100
46 37.1 18.2 72.8

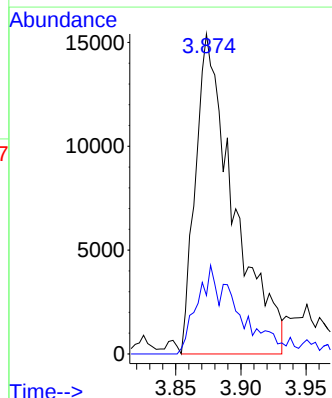
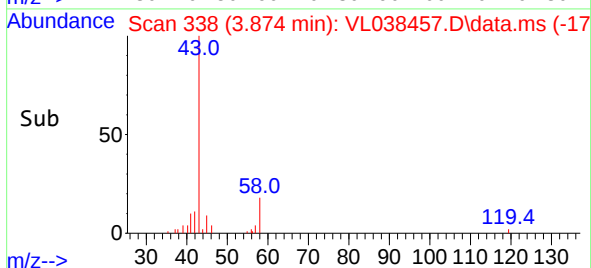
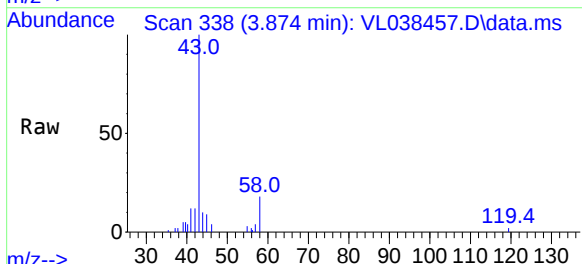
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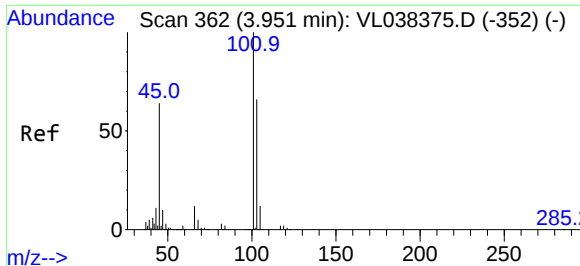
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Supervised By :Mahesh Dadoda 03/02/2022



#15
Acetone
Concen: 0.415 ppbv m
RT: 3.874 min Scan# 338
Delta R.T. 0.035 min
Lab File: VL038457.D
Acq: 1 Mar 2022 19:09

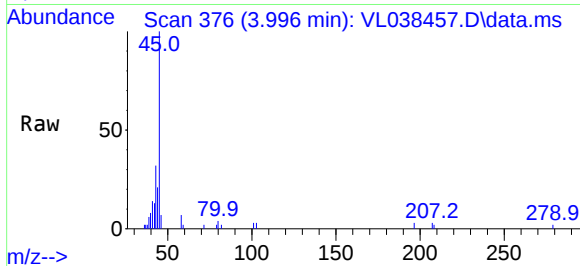
Tgt Ion: 43 Resp: 31506
Ion Ratio Lower Upper
43 100
58 0.0 21.7 32.5#





#19
Isopropyl Alcohol
Concen: 0.608 ppbv m
RT: 3.996 min Scan# 31
Delta R.T. 0.045 min
Lab File: VL038457.D
Acq: 1 Mar 2022 19:09

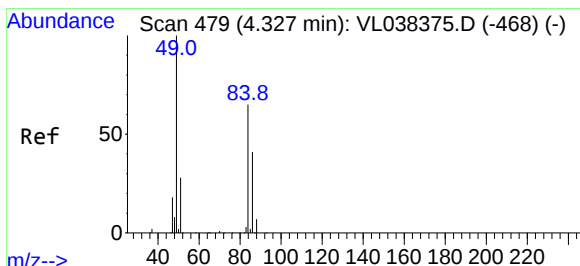
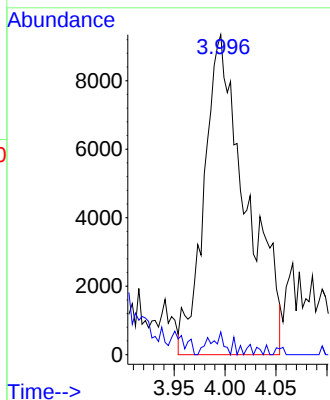
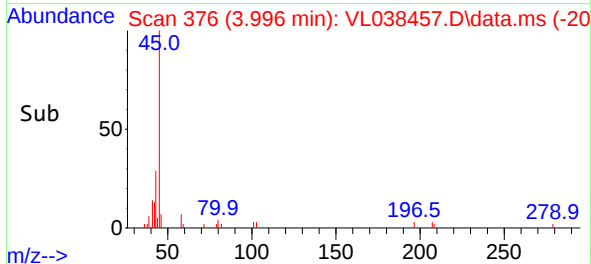
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



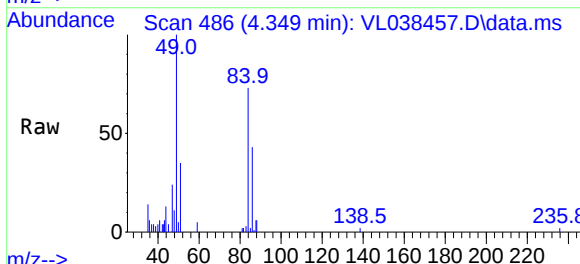
Tgt Ion: 45 Resp: 26729
Ion Ratio Lower Upper
45 100
58 2.7 1.8 2.8

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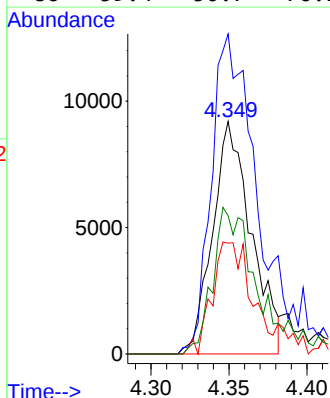
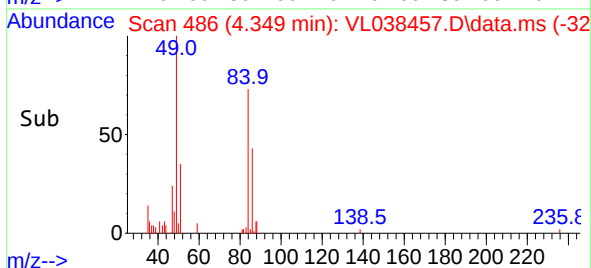
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Supervised By :Mahesh Dadoda 03/02/2022

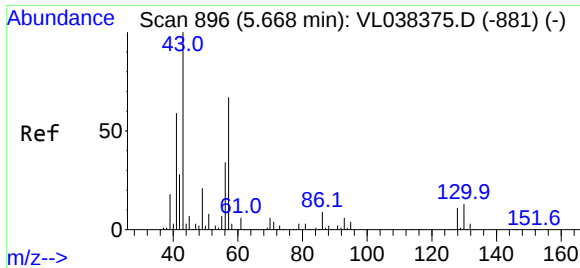


#20
Methylene Chloride
Concen: 0.423 ppbv
RT: 4.349 min Scan# 486
Delta R.T. 0.023 min
Lab File: VL038457.D
Acq: 1 Mar 2022 19:09



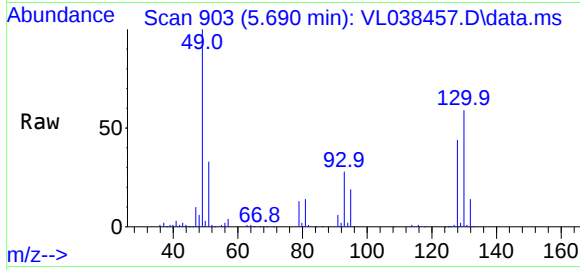
Tgt Ion: 84 Resp: 15885
Ion Ratio Lower Upper
84 100
49 137.6 122.4 183.6
51 47.7 33.3 49.9
86 59.4 50.7 76.1





#26
Hexane
Concen: 0.136 ppbv m
RT: 5.690 min Scan# 90
Delta R.T. 0.023 min
Lab File: VL038457.D
Acq: 1 Mar 2022 19:09

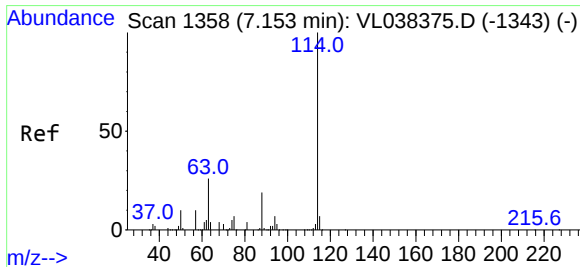
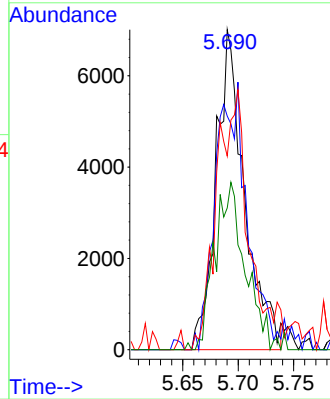
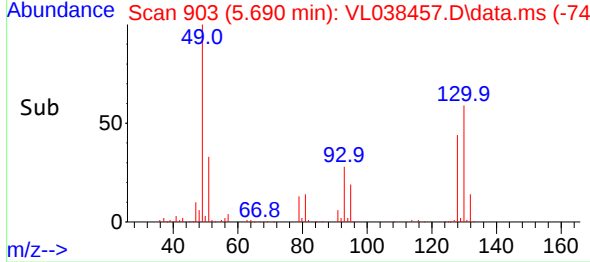
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 57 Resp: 12519
Ion Ratio Lower Upper
57 100
41 97.9 73.1 109.7
43 95.9 181.0 271.4
56 56.4 43.4 65.0

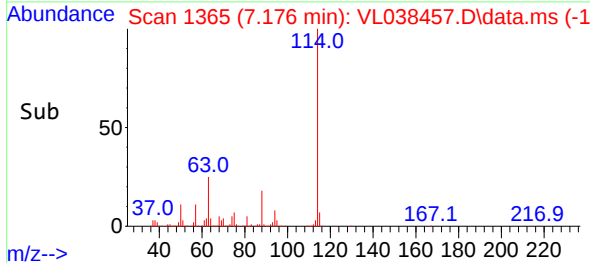
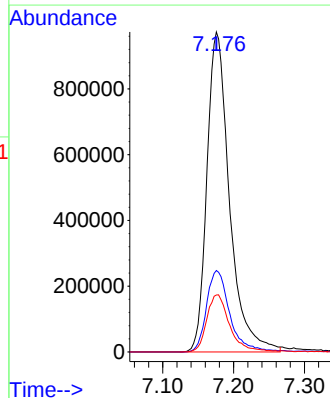
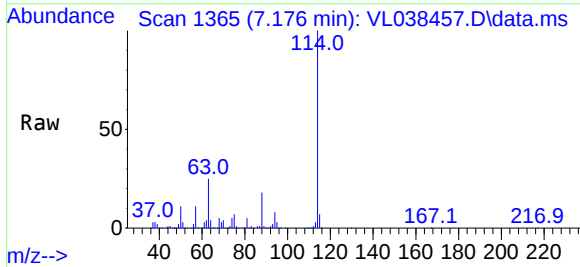
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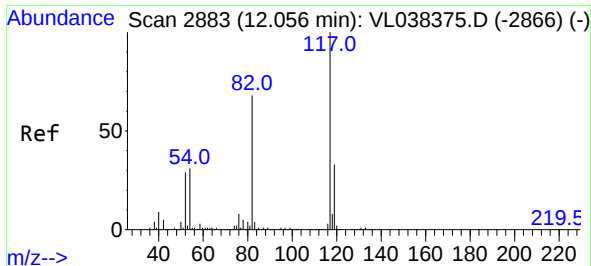
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 1365
Delta R.T. 0.023 min
Lab File: VL038457.D
Acq: 1 Mar 2022 19:09

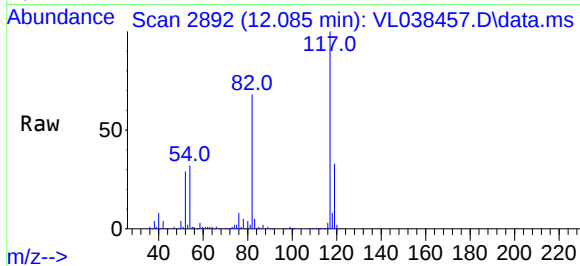
Tgt Ion:114 Resp: 2152917
Ion Ratio Lower Upper
114 100
63 26.7 22.2 33.2
88 18.3 15.2 22.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.085 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL038457.D
Acq: 1 Mar 2022 19:09

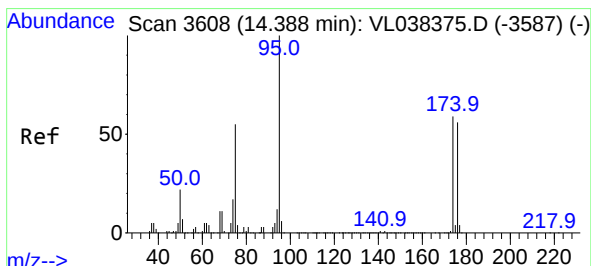
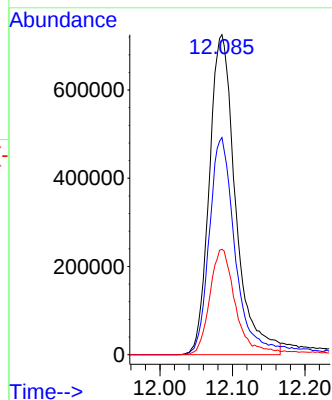
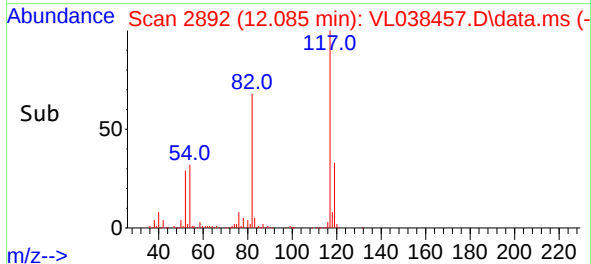
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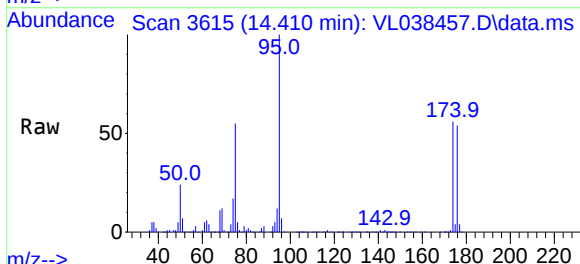
Tgt Ion: 117 Resp: 182518
Ion Ratio Lower Upper
117 100
82 71.4 54.9 82.3
119 34.5 46.1 69.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.075 ppbv
RT: 14.410 min Scan# 3615
Delta R.T. 0.023 min
Lab File: VL038457.D
Acq: 1 Mar 2022 19:09



Tgt Ion: 95 Resp: 1370477
Ion Ratio Lower Upper
95 100
174 65.0 49.0 73.4
175 4.4 3.6 5.4

