

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030122\
 Data File : VL038459.D
 Acq On : 1 Mar 2022 20:29
 Operator : SY/AP
 Sample : N1720-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 02 03:08:31 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	5.674	49	863819	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.179	114	2016724	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.085	117	1684992	10.000	ppbv	# 0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	1272626	9.128	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.300%
Target Compounds						
9) Propene	3.031	41	9774m	0.194	ppbv	Qvalue
13) Ethanol	3.636	45	24619m	4.898	ppbv	
15) Acetone	3.880	43	30892m	0.421	ppbv	
19) Isopropyl Alcohol	4.002	45	15951m	0.375	ppbv	
20) Methylene Chloride	4.356	84	21344m	0.586	ppbv	
26) Hexane	5.693	57	11995	0.134	ppbv	# 45

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

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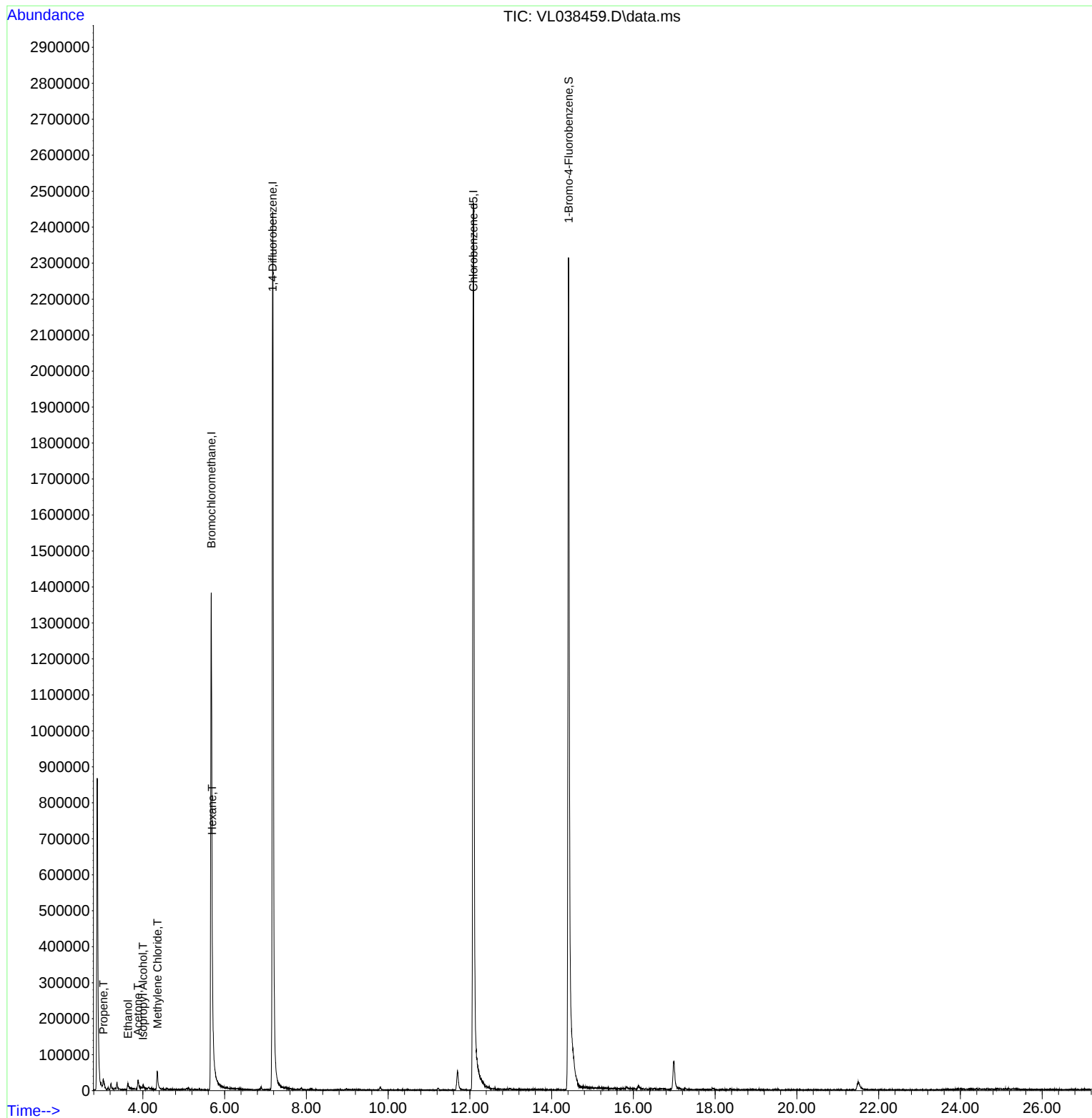
Quant Time: Mar 02 03:08:31 2022

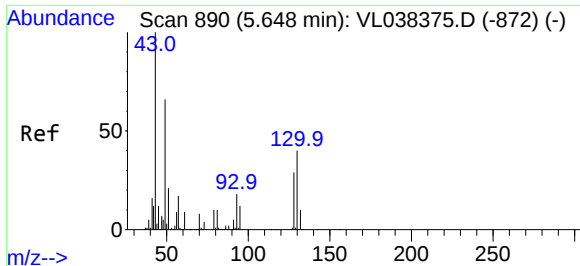
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb

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

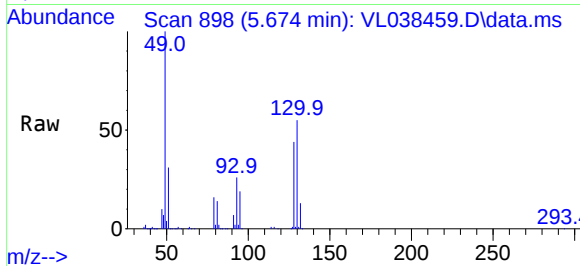
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 89
Delta R.T. 0.026 min
Lab File: VL038459.D
Acq: 1 Mar 2022 20:29

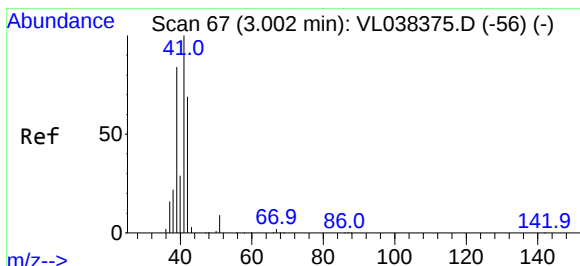
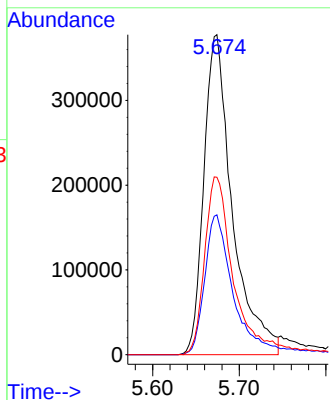
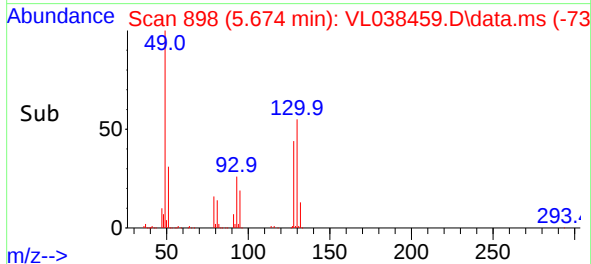
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 863819
Ion Ratio Lower Upper
49 100
128 46.8 24.3 72.9
130 58.9 30.1 90.5

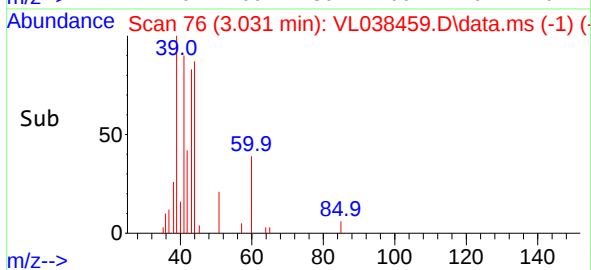
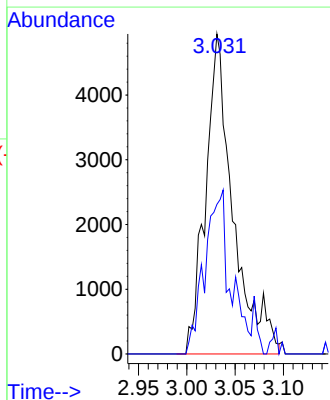
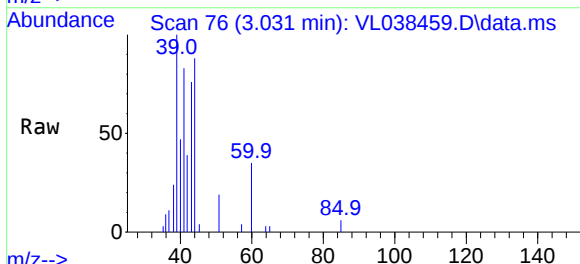
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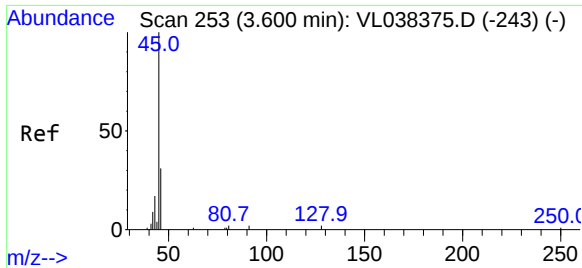
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#9
Propene
Concen: 0.194 ppbv m
RT: 3.031 min Scan# 76
Delta R.T. 0.029 min
Lab File: VL038459.D
Acq: 1 Mar 2022 20:29

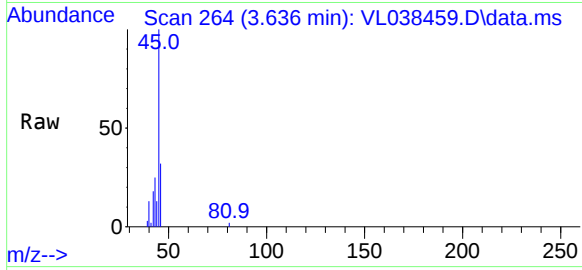
Tgt Ion: 41 Resp: 9774
Ion Ratio Lower Upper
41 100
42 52.7 54.6 82.0#





#13
Ethanol
Concen: 4.898 ppbv m
RT: 3.636 min Scan# 20
Delta R.T. 0.035 min
Lab File: VL038459.D
Acq: 1 Mar 2022 20:29

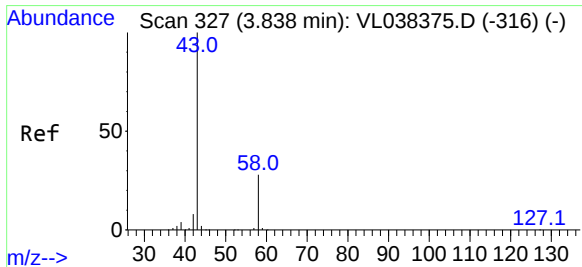
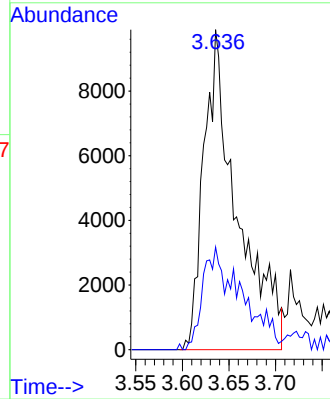
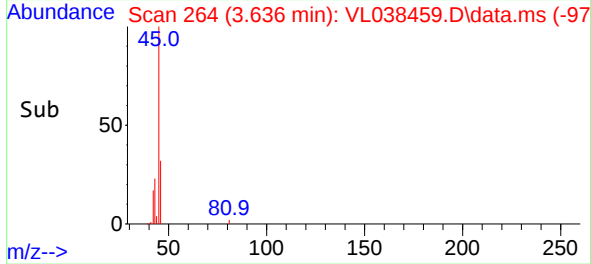
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



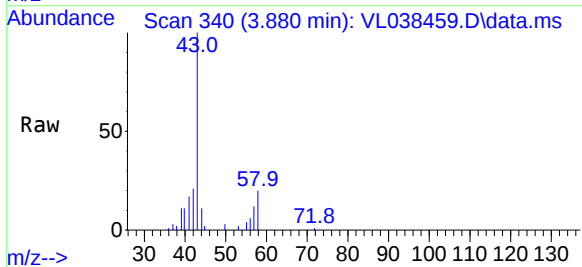
Tgt Ion: 45 Resp: 24619
Ion Ratio Lower Upper
45 100
46 0.0 18.2 72.8

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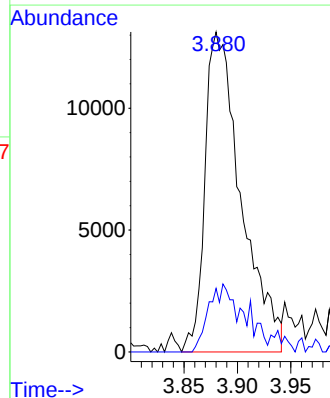
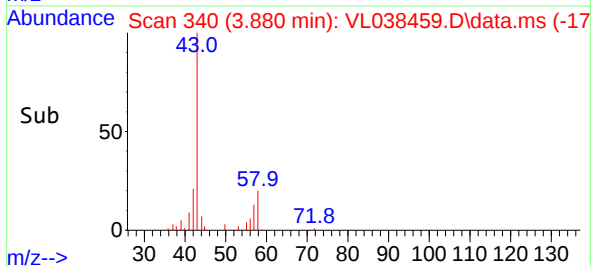
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

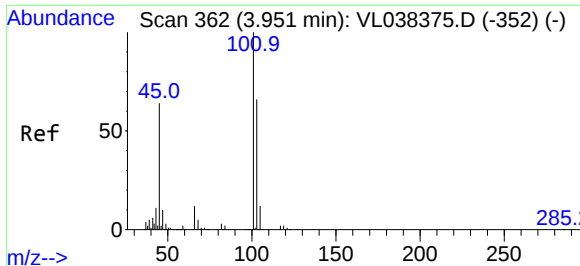


#15
Acetone
Concen: 0.421 ppbv m
RT: 3.880 min Scan# 340
Delta R.T. 0.042 min
Lab File: VL038459.D
Acq: 1 Mar 2022 20:29



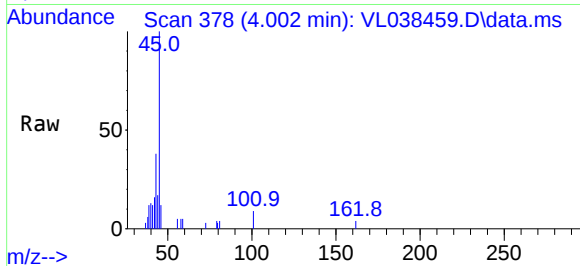
Tgt Ion: 43 Resp: 30892
Ion Ratio Lower Upper
43 100
58 0.0 21.7 32.5





#19
Isopropyl Alcohol
Concen: 0.375 ppbv m
RT: 4.002 min Scan# 31
Delta R.T. 0.052 min
Lab File: VL038459.D
Acq: 1 Mar 2022 20:29

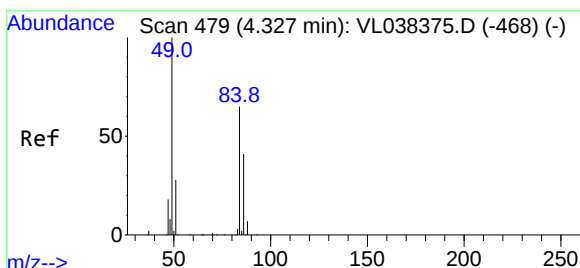
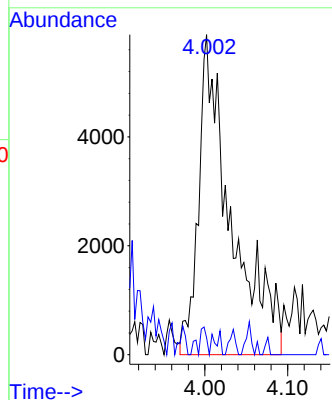
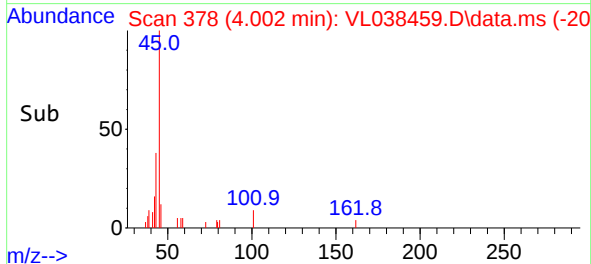
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 45 Resp: 1595
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

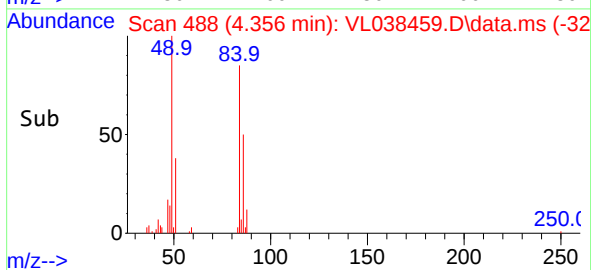
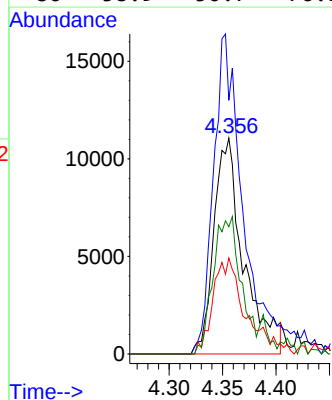
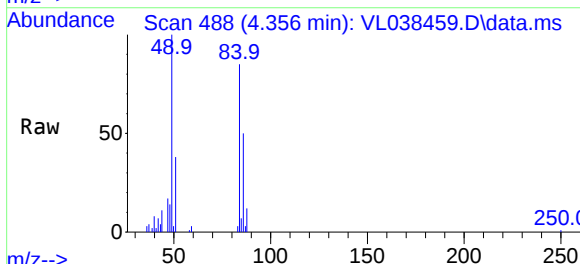
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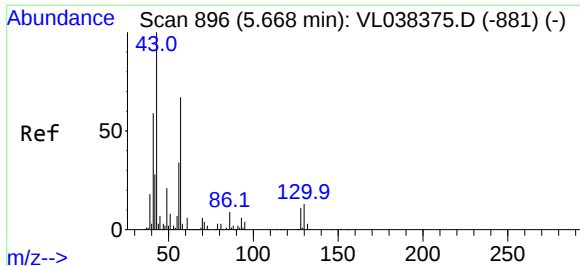
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#20
Methylene Chloride
Concen: 0.586 ppbv m
RT: 4.356 min Scan# 488
Delta R.T. 0.029 min
Lab File: VL038459.D
Acq: 1 Mar 2022 20:29

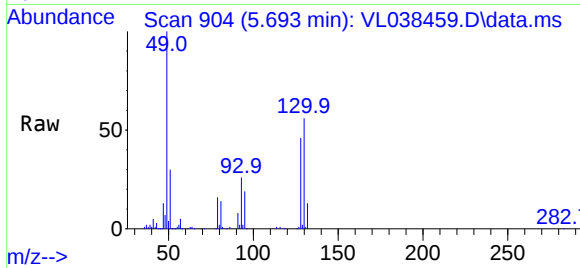
Tgt Ion: 84 Resp: 21344
Ion Ratio Lower Upper
84 100
49 117.5 122.4 183.6#
51 44.4 33.3 49.9
86 58.9 50.7 76.1





#26
Hexane
Concen: 0.134 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.026 min
Lab File: VL038459.D
Acq: 1 Mar 2022 20:29

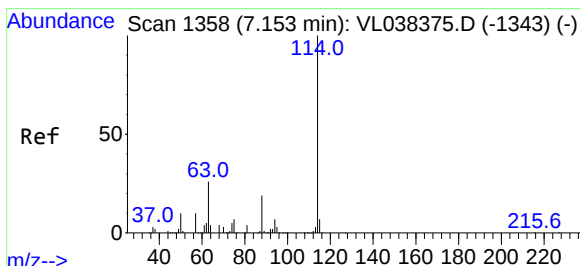
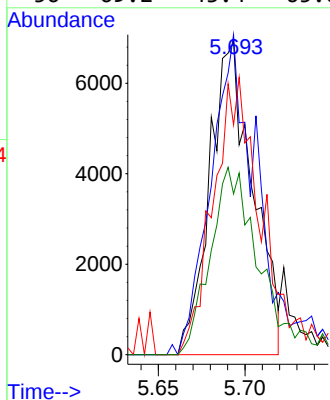
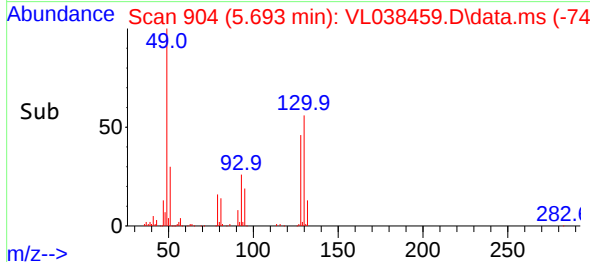
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 57 Resp: 1199
Ion Ratio Lower Upper
57 100
41 113.7 73.1 109.7
43 101.3 181.0 271.4
56 69.2 43.4 65.0

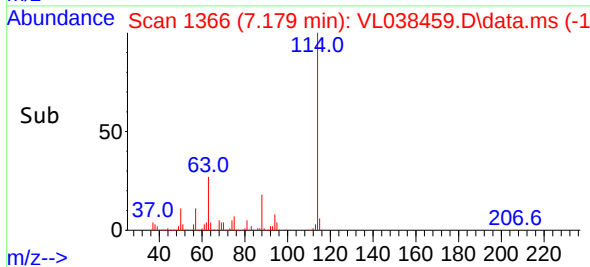
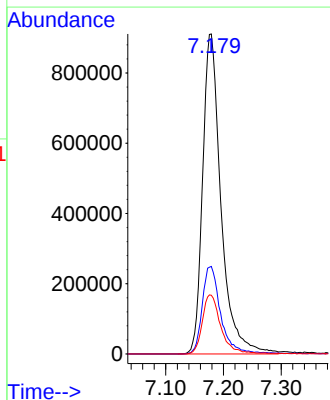
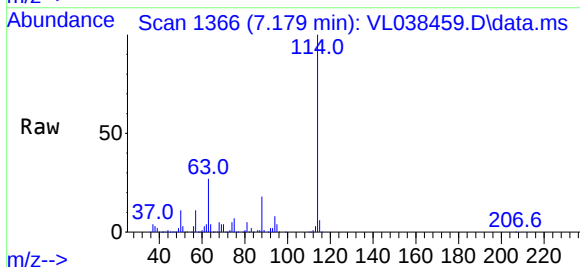
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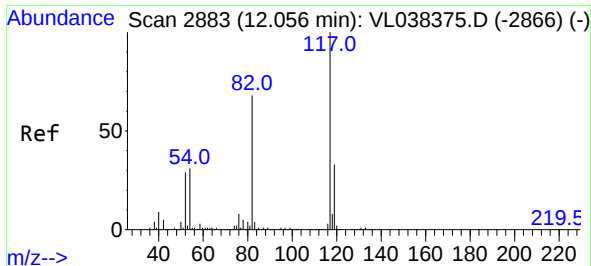
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. 0.026 min
Lab File: VL038459.D
Acq: 1 Mar 2022 20:29

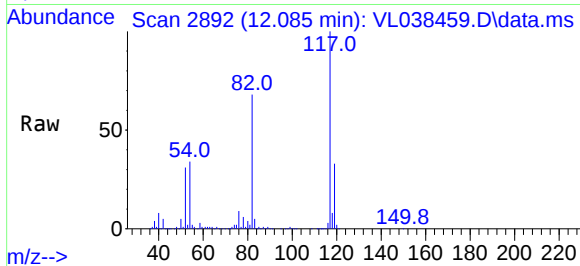
Tgt Ion:114 Resp: 2016724
Ion Ratio Lower Upper
114 100
63 27.9 22.2 33.2
88 18.9 15.2 22.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.085 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL038459.D
Acq: 1 Mar 2022 20:29

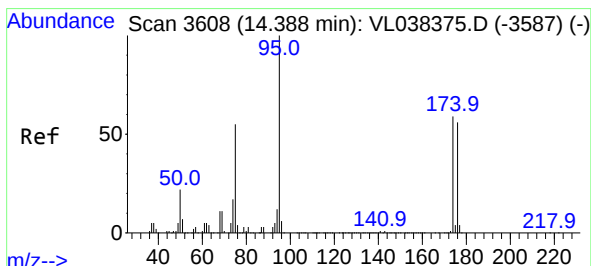
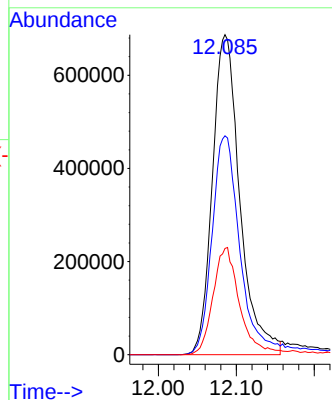
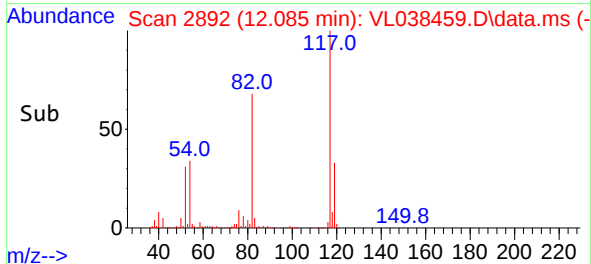
Instrument :
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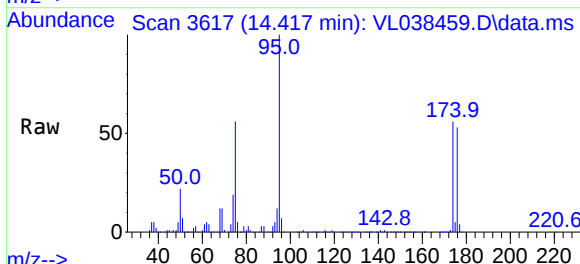
Tgt Ion: 117 Resp: 1684992
Ion Ratio Lower Upper
117 100
82 74.7 54.9 82.3
119 33.3 46.1 69.1

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.128 ppbv
RT: 14.417 min Scan# 3617
Delta R.T. 0.029 min
Lab File: VL038459.D
Acq: 1 Mar 2022 20:29



Tgt Ion: 95 Resp: 1272626
Ion Ratio Lower Upper
95 100
174 64.3 49.0 73.4
175 4.5 3.6 5.4

