

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038352.D
 Acq On : 14 Feb 2022 22:43
 Operator : SY/AP
 Sample : N1442-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022

Quant Time: Feb 15 00:42:39 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Jan 24 2022

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.642	49	859029	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	7.143	114	2278440	10.000	ppbv	-0.04
55) Chlorobenzene-d5	12.047	117	1955909	10.000	ppbv	#-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.375	95	1525473	10.276	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	2.983	51	16627	0.097	ppbv	96
9) Propene	3.009	41	9859m	0.177	ppbv	
13) Ethanol	3.607	45	22337m	3.738	ppbv	
15) Acetone	3.851	43	35638m	0.471	ppbv	
19) Isopropyl Alcohol	3.980	45	15183m	0.321	ppbv	
20) Methylene Chloride	4.327	84	17109m	0.388	ppbv	
26) Hexane	5.661	57	11146m	0.113	ppbv	

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

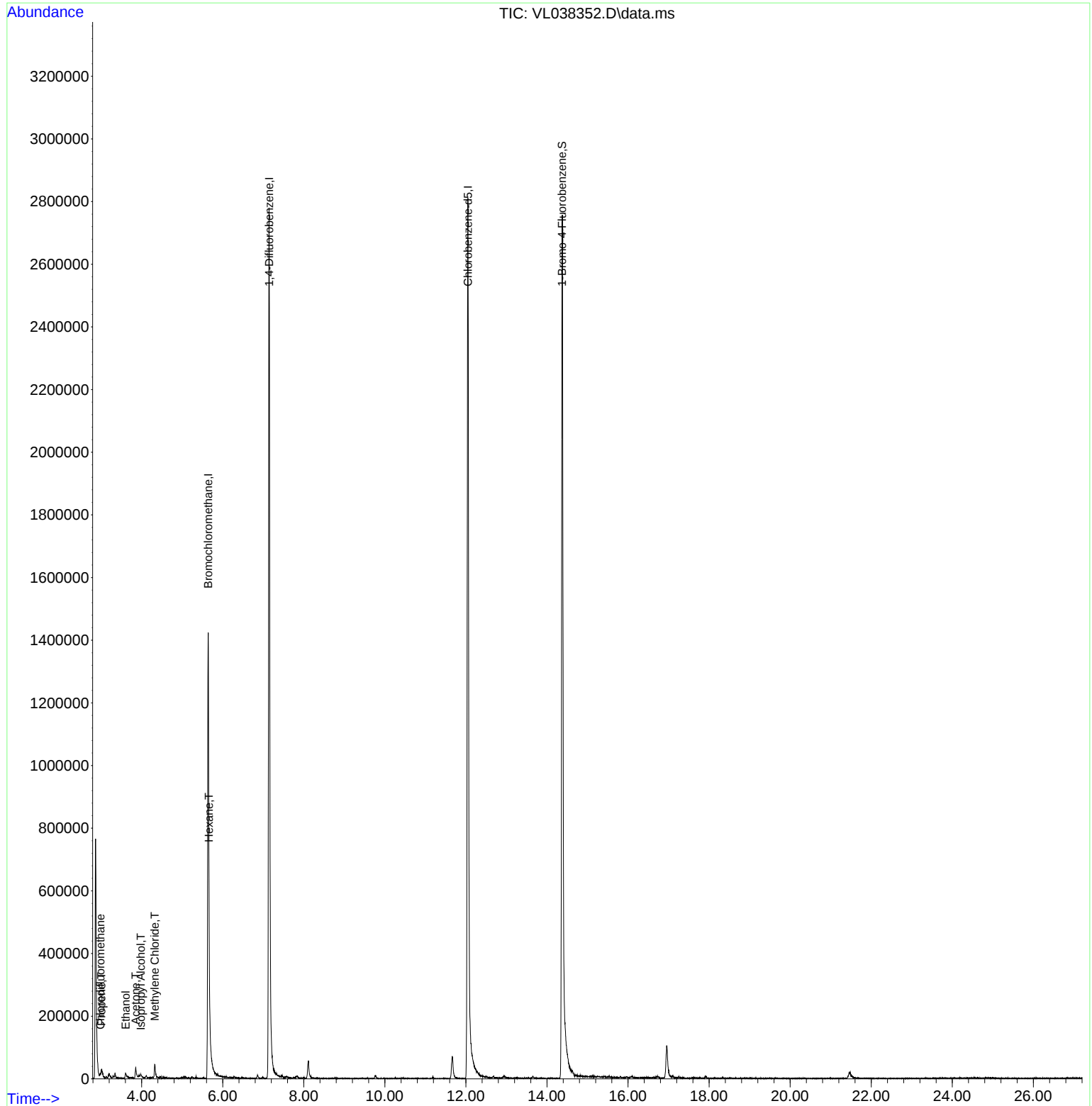
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
Data File : VL038352.D
Acq On : 14 Feb 2022 22:43
Operator : SY/AP
Sample : N1442-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

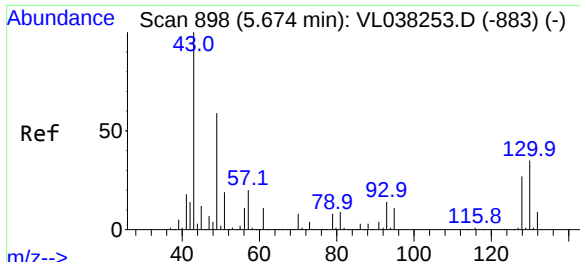
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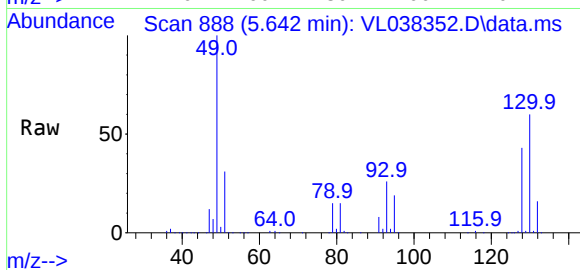
Quant Time: Feb 15 00:42:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.642 min Scan# 81
Delta R.T. -0.032 min
Lab File: VL038352.D
Acq: 14 Feb 2022 22:43

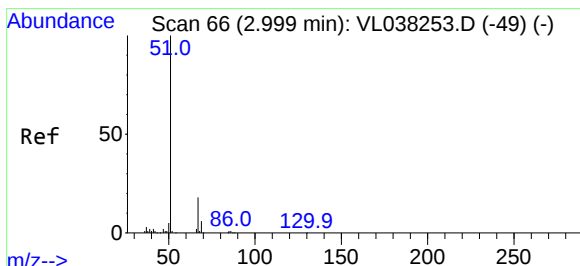
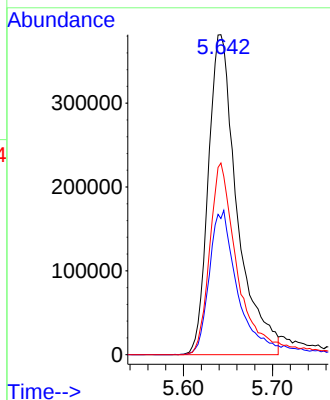
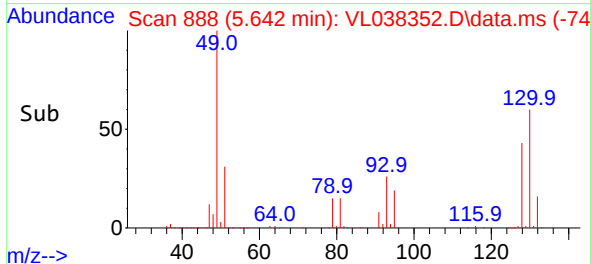
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 859029
Ion Ratio Lower Upper
49 100
128 47.8 24.5 73.5
130 61.3 30.1 90.5

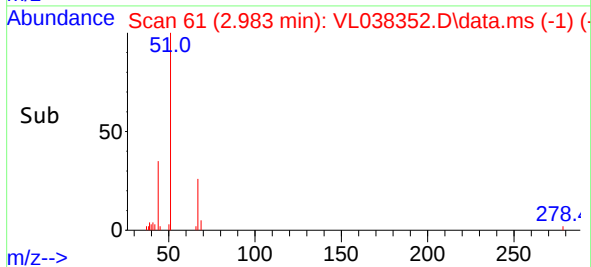
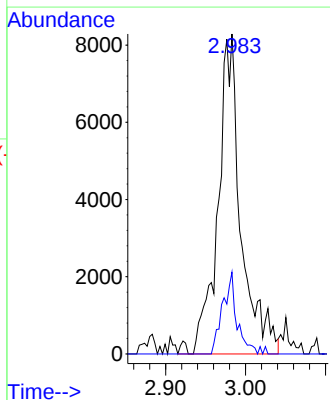
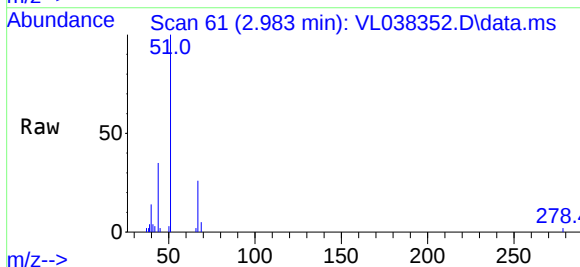
Manual Integrations
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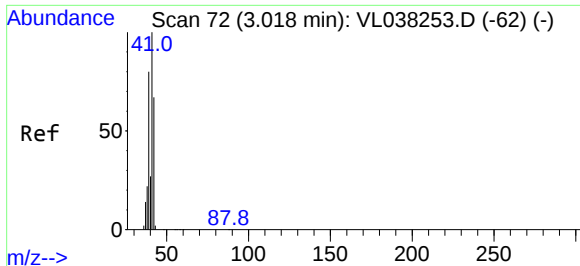
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#3
Chlorodifluoromethane
Concen: 0.097 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL038352.D
Acq: 14 Feb 2022 22:43

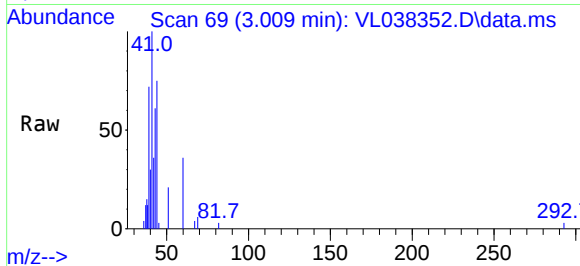
Tgt Ion: 51 Resp: 16627
Ion Ratio Lower Upper
51 100
67 16.1 14.4 21.6





#9
Propene
Concen: 0.177 ppbv m
RT: 3.009 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL038352.D
Acq: 14 Feb 2022 22:43

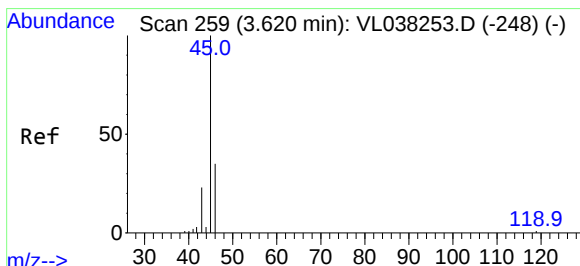
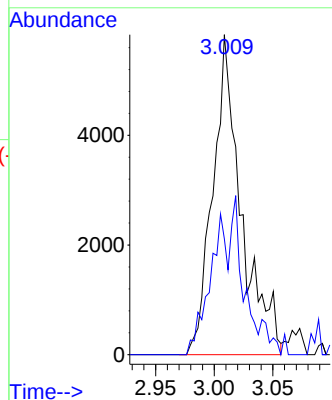
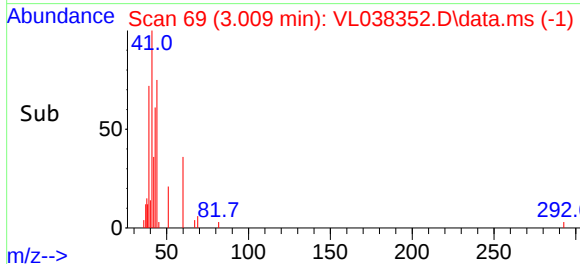
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 41 Resp: 9859
Ion Ratio Lower Upper
41 100
42 52.9 54.9 82.3

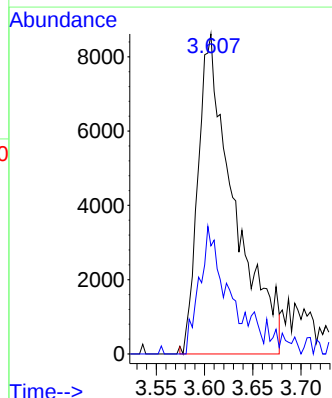
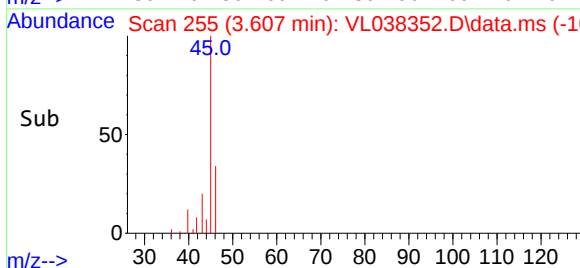
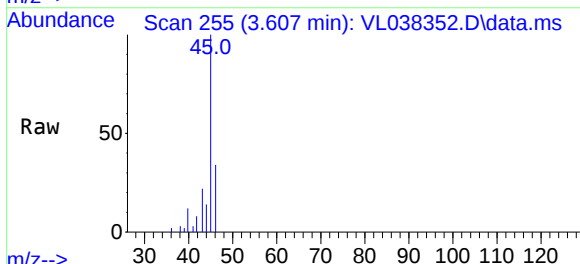
Manual Integrations
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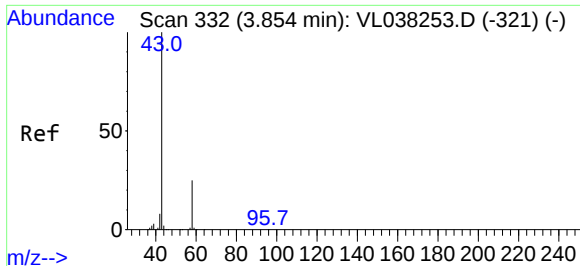
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#13
Ethanol
Concen: 3.738 ppbv m
RT: 3.607 min Scan# 255
Delta R.T. -0.013 min
Lab File: VL038352.D
Acq: 14 Feb 2022 22:43

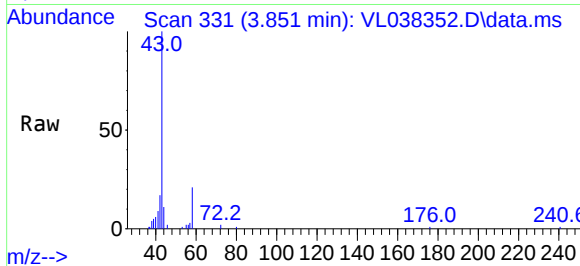
Tgt Ion: 45 Resp: 22337
Ion Ratio Lower Upper
45 100
46 37.6 15.4 61.6





#15
Acetone
Concen: 0.471 ppbv m
RT: 3.851 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL038352.D
Acq: 14 Feb 2022 22:43

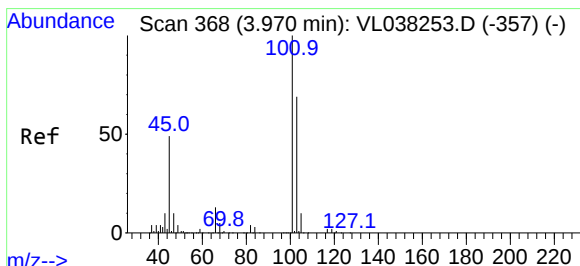
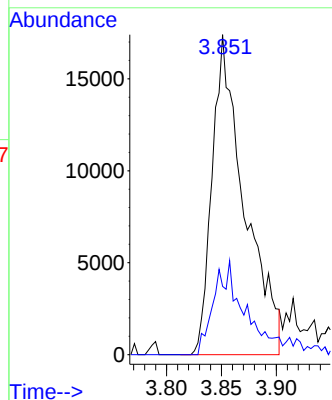
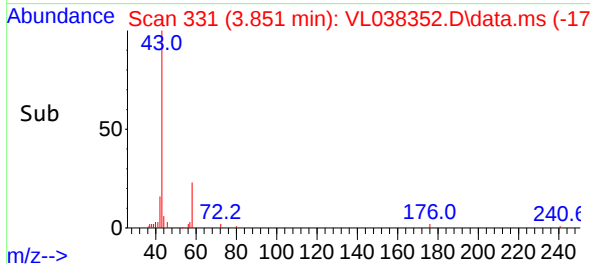
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



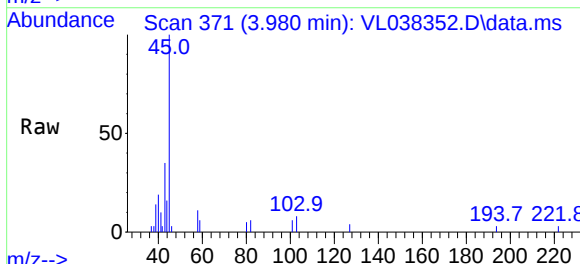
Tgt Ion: 43 Resp: 35638
Ion Ratio Lower Upper
43 100
58 30.0 21.5 32.3

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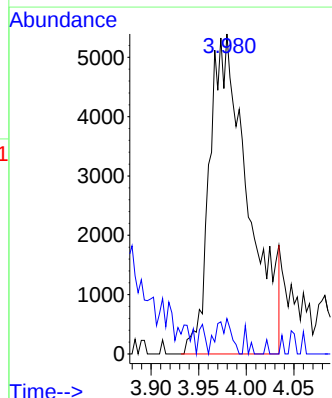
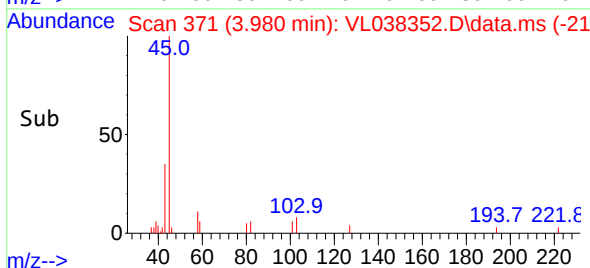
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

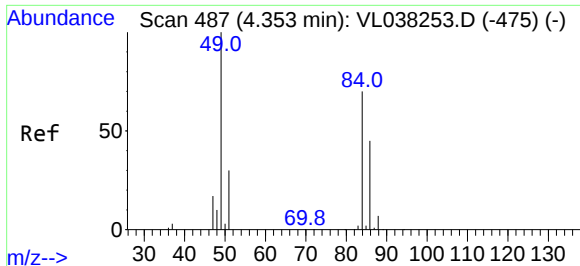


#19
Isopropyl Alcohol
Concen: 0.321 ppbv m
RT: 3.980 min Scan# 371
Delta R.T. 0.010 min
Lab File: VL038352.D
Acq: 14 Feb 2022 22:43



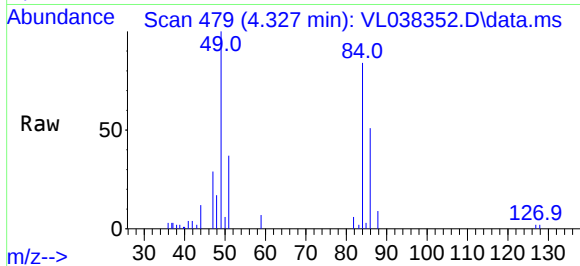
Tgt Ion: 45 Resp: 15183
Ion Ratio Lower Upper
45 100
58 0.0 2.3 3.5#





#20
Methylene Chloride
Concen: 0.388 ppbv m
RT: 4.327 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL038352.D
Acq: 14 Feb 2022 22:43

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

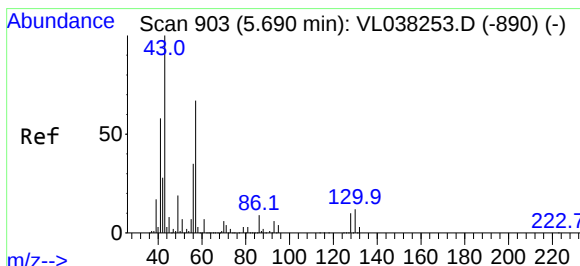
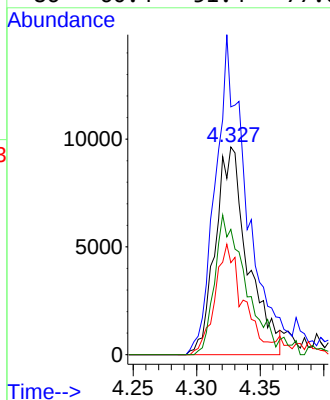
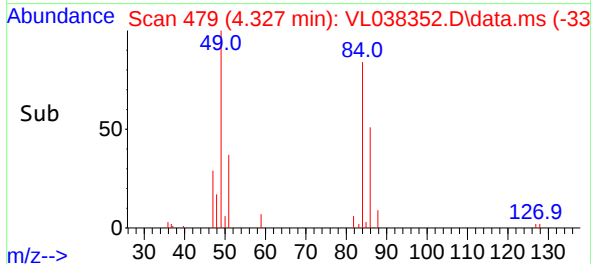


Tgt Ion: 84 Resp: 17109

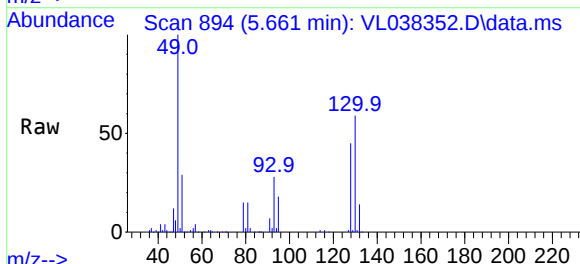
Ion	Ratio	Lower	Upper
84	100		
49	119.4	115.0	172.6
51	44.3	35.0	52.6
86	60.4	51.4	77.0

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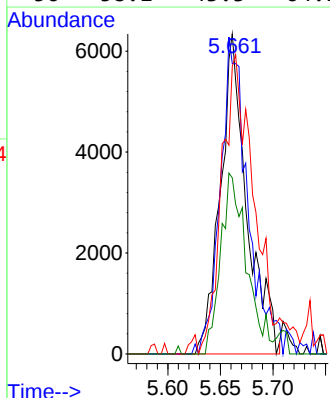
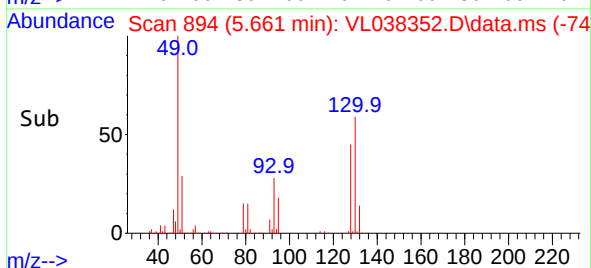


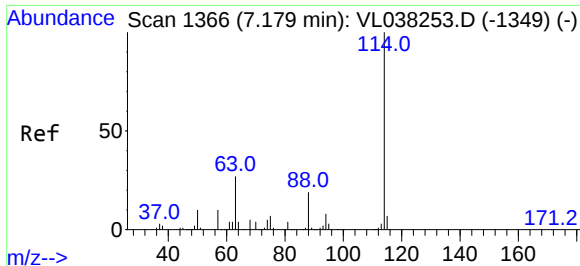
#26
Hexane
Concen: 0.113 ppbv m
RT: 5.661 min Scan# 894
Delta R.T. -0.029 min
Lab File: VL038352.D
Acq: 14 Feb 2022 22:43



Tgt Ion: 57 Resp: 11146

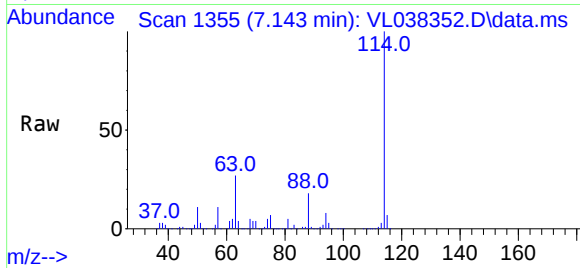
Ion	Ratio	Lower	Upper
57	100		
41	104.6	72.8	109.2
43	127.4	177.0	265.6#
56	58.1	43.3	64.9





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.143 min Scan# 114
Delta R.T. -0.035 min
Lab File: VL038352.D
Acq: 14 Feb 2022 22:43

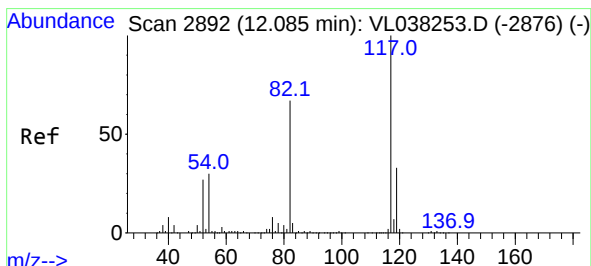
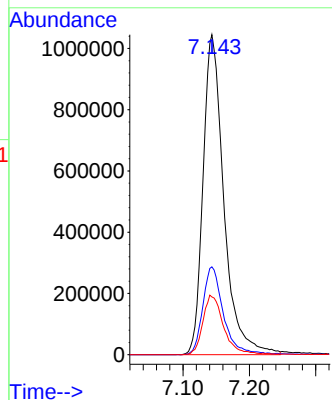
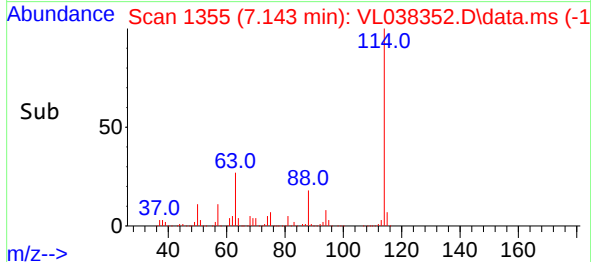
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



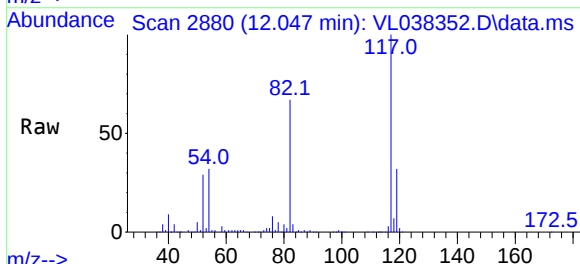
Tgt Ion:114 Resp: 2278440
Ion Ratio Lower Upper
114 100
63 27.7 22.0 33.0
88 18.7 15.0 22.6

Manual Integrations
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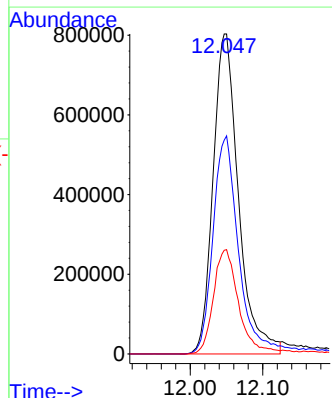
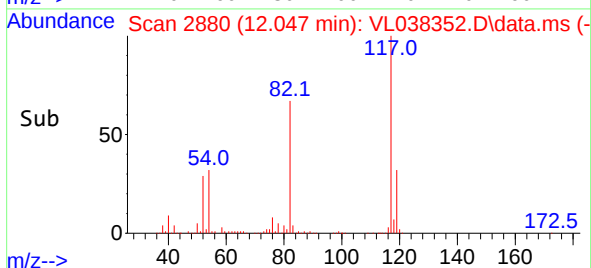
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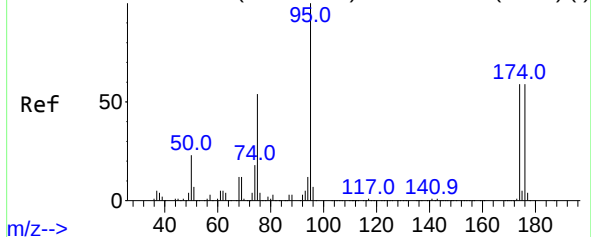
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.047 min Scan# 2880
Delta R.T. -0.039 min
Lab File: VL038352.D
Acq: 14 Feb 2022 22:43



Tgt Ion:117 Resp: 1955909
Ion Ratio Lower Upper
117 100
82 71.5 54.4 81.6
119 34.2 45.9 68.9#



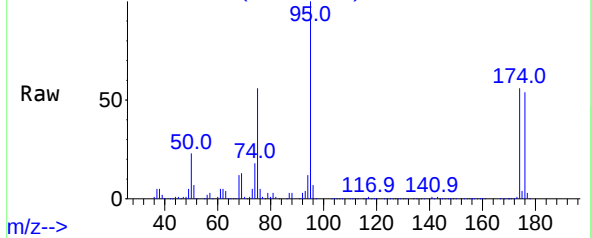
Abundance Scan 3616 (14.413 min): VL038253.D (-3597) (-)



#68
1-Bromo-4-Fluorobenzene
Concen: 10.276 ppbv
RT: 14.375 min Scan# 30
Delta R.T. -0.039 min
Lab File: VL038352.D
Acq: 14 Feb 2022 22:43

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Abundance Scan 3604 (14.375 min): VL038352.D\data.ms



Tgt Ion: 95 Resp: 152547
Ion Ratio Lower Upper
95 100
174 62.5 48.3 72.5
175 4.5 3.5 5.3

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Abundance Scan 3604 (14.375 min): VL038352.D\data.ms (-)

