

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
 Data File : VL039353.D
 Acq On : 24 Jun 2022 23:07
 Operator : SY/AP
 Sample : N3453-07DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 01:53:57 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1087414	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.166	114	3145830	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.076	117	2704462	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	1998267	8.937	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.400%
Target Compounds						
					Qvalue	
9) Propene	3.018	41	13742m	0.228	ppbv	
13) Ethanol	3.600	45	98826m	30.037	ppbv	
15) Acetone	3.851	43	243871	2.153	ppbv	96
19) Isopropyl Alcohol	3.967	45	85898m	1.617	ppbv	
20) Methylene Chloride	4.343	84	20704	0.434	ppbv #	86

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

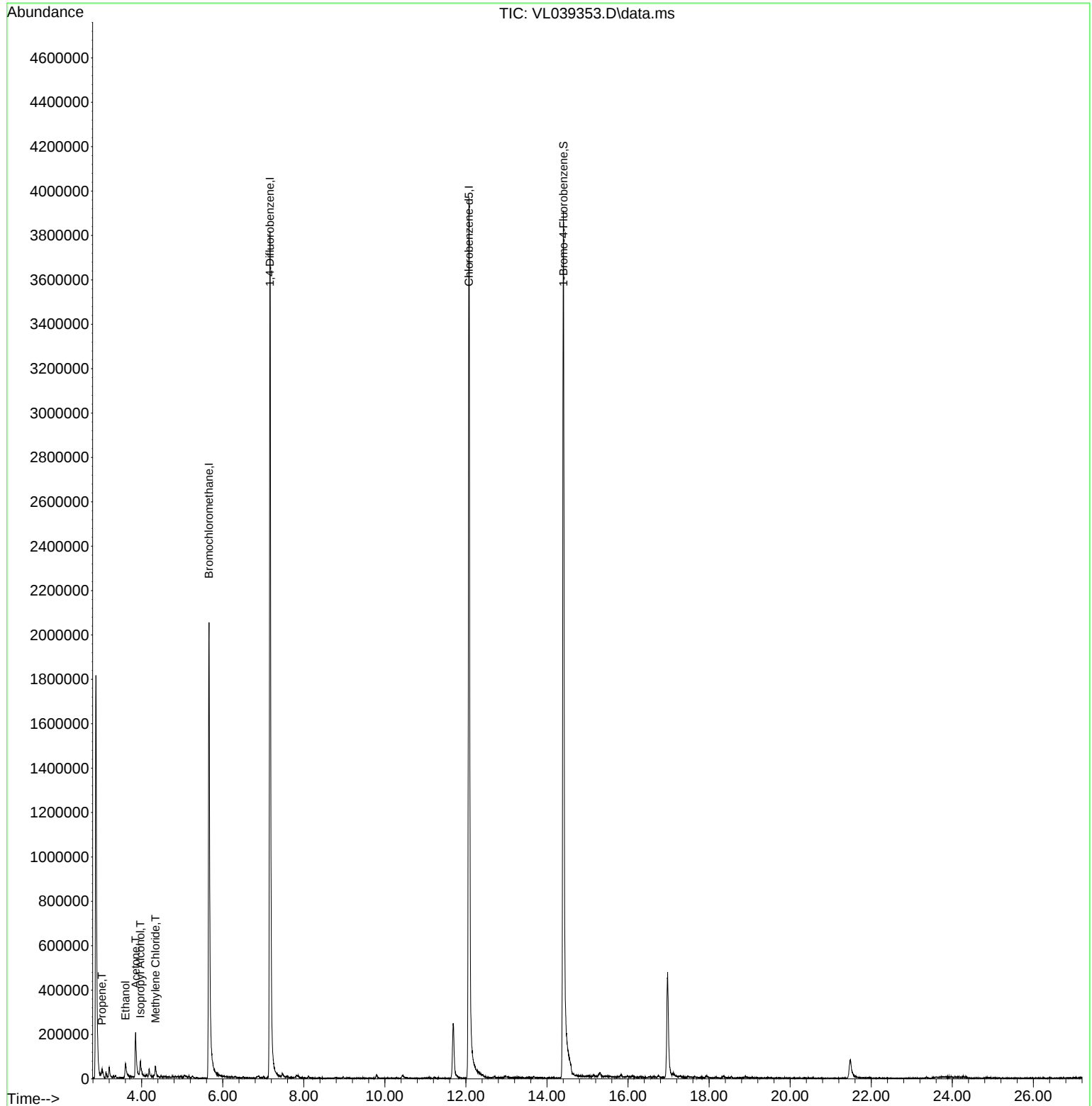
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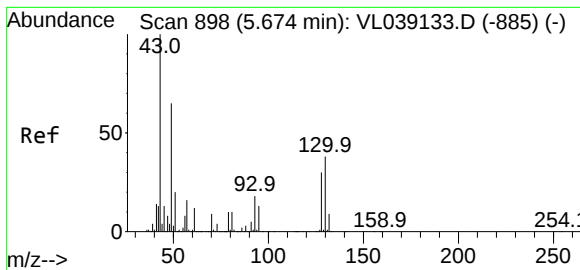
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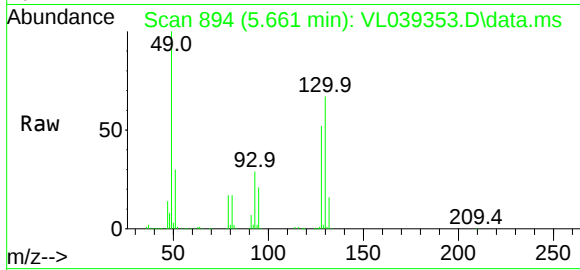
Quant Time: Jun 27 01:53:57 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 898
Delta R.T. -0.013 min
Lab File: VL039353.D
Acq: 24 Jun 2022 23:07

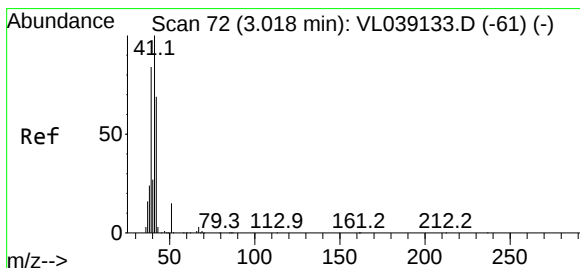
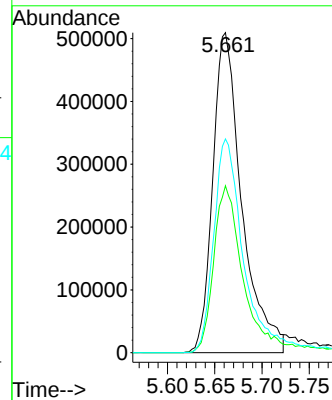
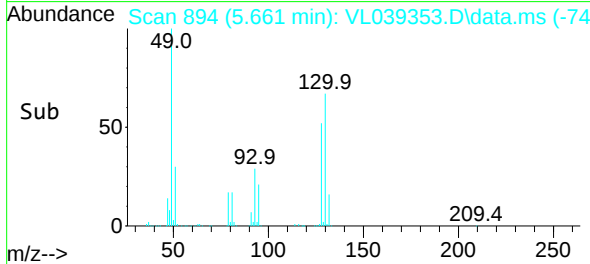
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ClientSampleId :
IA-3DL



Tgt Ion: 49 Resp: 1087414
Ion Ratio Lower Upper
49 100
128 56.1 24.7 74.1
130 72.3 31.4 94.0

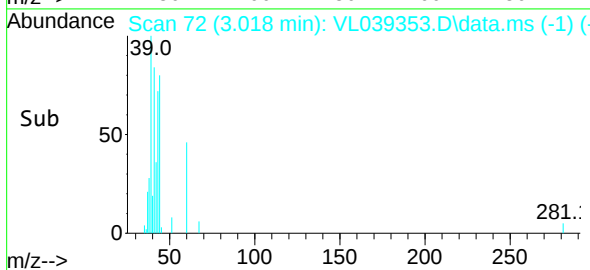
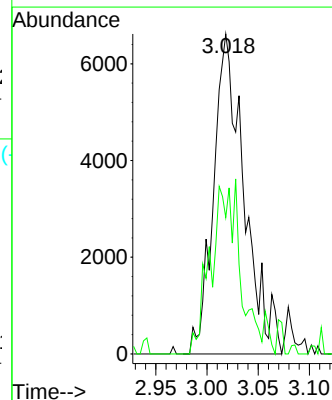
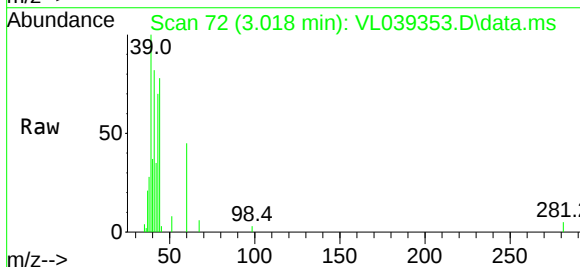
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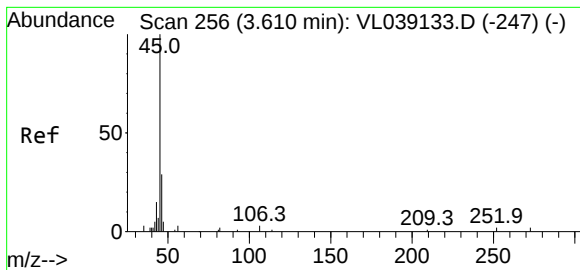
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Supervised By :Mahesh Dadoda 06/30/2022



#9
Propene
Concen: 0.228 ppbv m
RT: 3.018 min Scan# 72
Delta R.T. 0.000 min
Lab File: VL039353.D
Acq: 24 Jun 2022 23:07

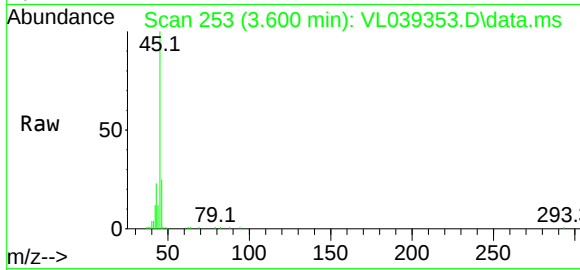
Tgt Ion: 41 Resp: 13742
Ion Ratio Lower Upper
41 100
42 4.0 55.4 83.2#





#13
Ethanol
Concen: 30.037 ppbv m
RT: 3.600 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039353.D
Acq: 24 Jun 2022 23:07

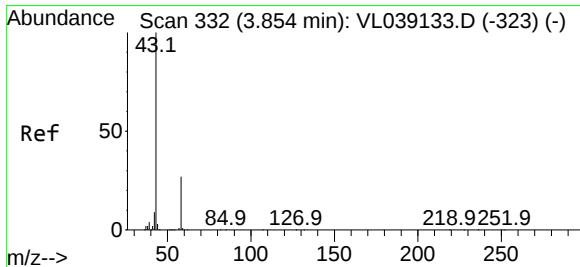
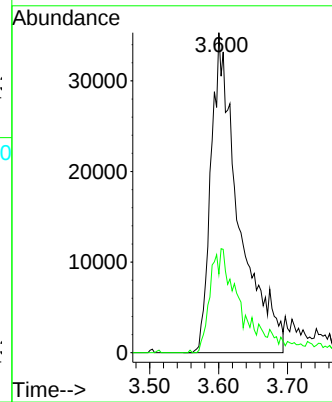
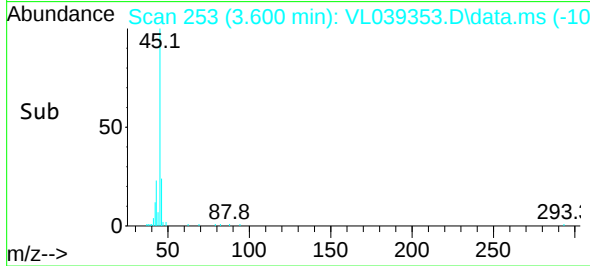
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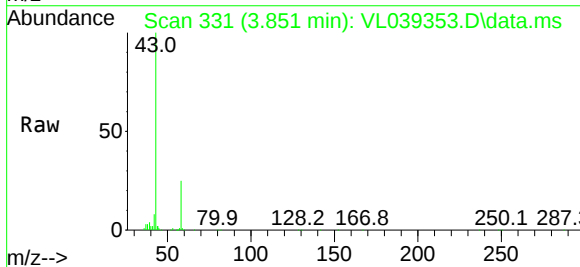
Tgt Ion: 45 Resp: 98820
Ion Ratio Lower Upper
45 100
46 39.7 0.0 0.0

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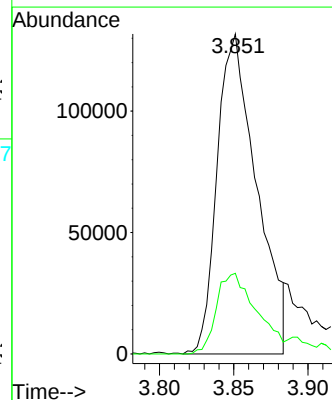
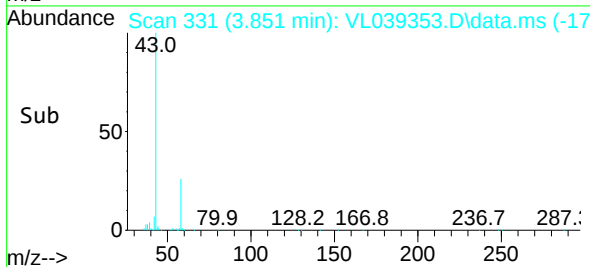
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Supervised By :Mahesh Dadoda 06/30/2022

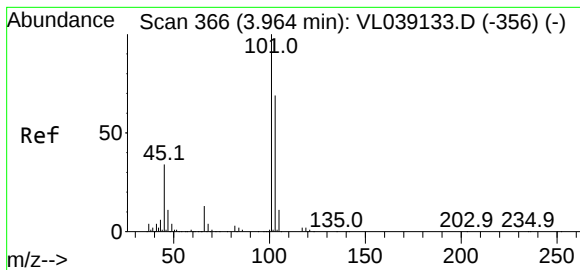


#15
Acetone
Concen: 2.153 ppbv
RT: 3.851 min Scan# 331
Delta R.T. -0.003 min
Lab File: VL039353.D
Acq: 24 Jun 2022 23:07



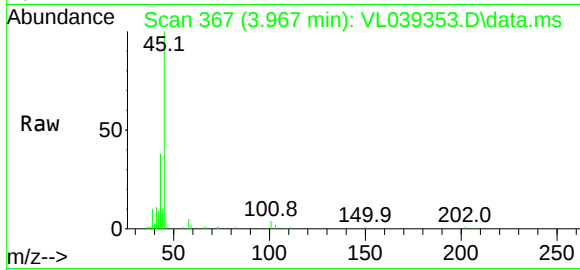
Tgt Ion: 43 Resp: 243871
Ion Ratio Lower Upper
43 100
58 30.2 22.5 33.7





#19
Isopropyl Alcohol
Concen: 1.617 ppbv m
RT: 3.967 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL039353.D
Acq: 24 Jun 2022 23:07

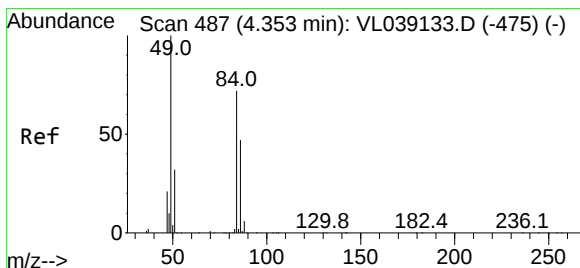
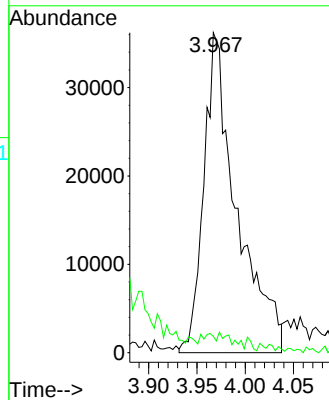
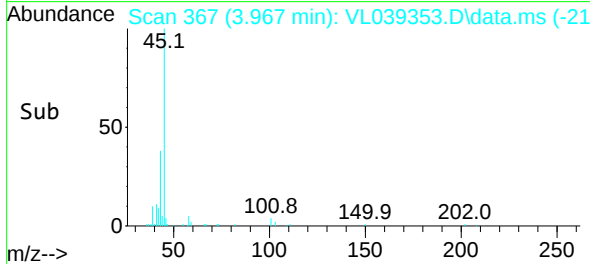
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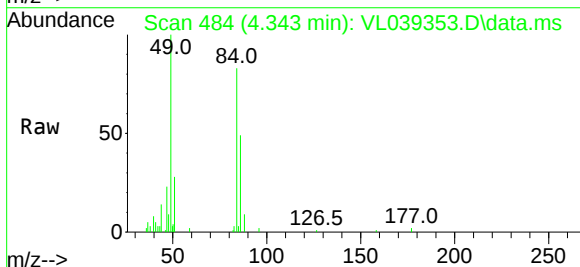
Tgt Ion: 45 Resp: 8589
Ion Ratio Lower Upper
45 100
58 4.0 1.8 2.8

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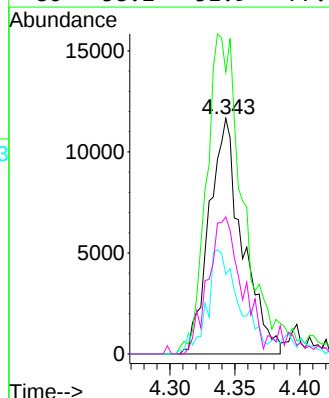
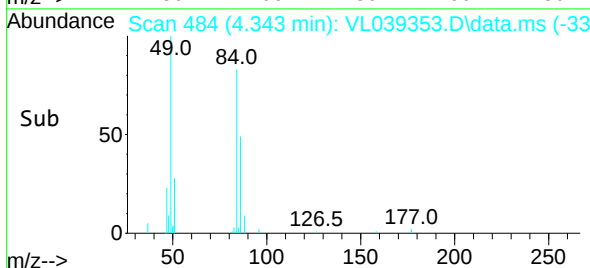
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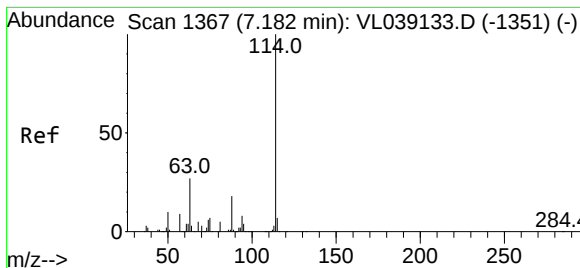


#20
Methylene Chloride
Concen: 0.434 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.010 min
Lab File: VL039353.D
Acq: 24 Jun 2022 23:07



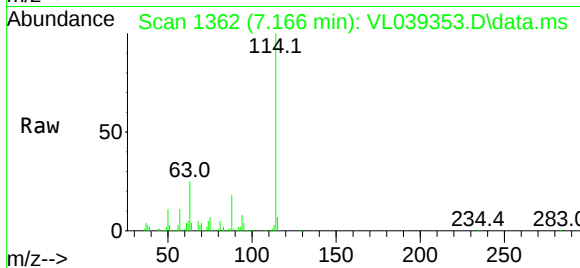
Tgt Ion: 84 Resp: 20704
Ion Ratio Lower Upper
84 100
49 120.7 111.1 166.7
51 32.2 35.3 52.9
86 58.2 51.9 77.9





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL039353.D
Acq: 24 Jun 2022 23:07

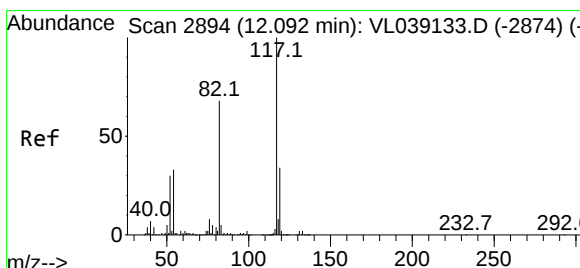
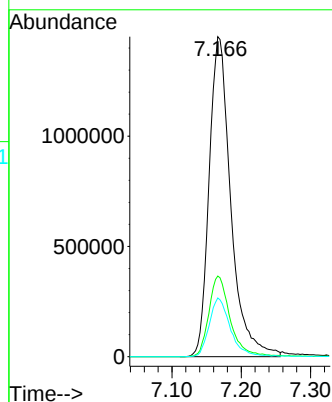
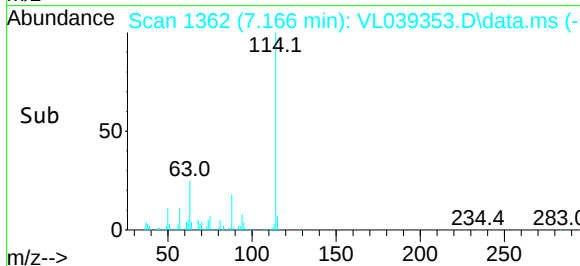
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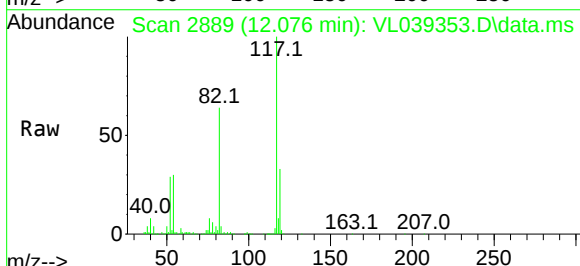
Tgt Ion:114 Resp: 3145830
Ion Ratio Lower Upper
114 100
63 25.2 21.7 32.5
88 18.2 14.8 22.2

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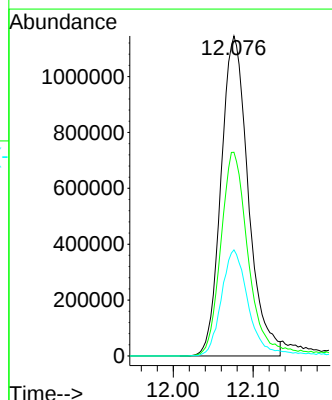
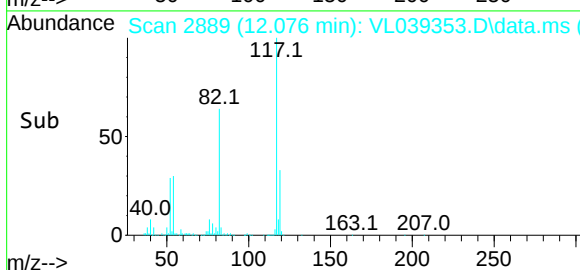
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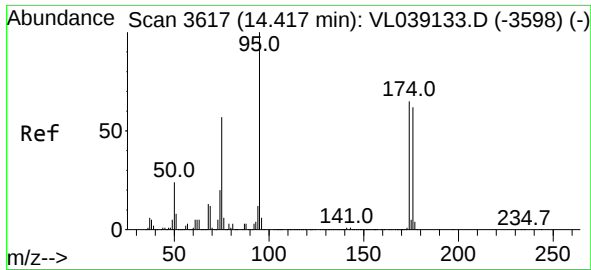


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. -0.016 min
Lab File: VL039353.D
Acq: 24 Jun 2022 23:07



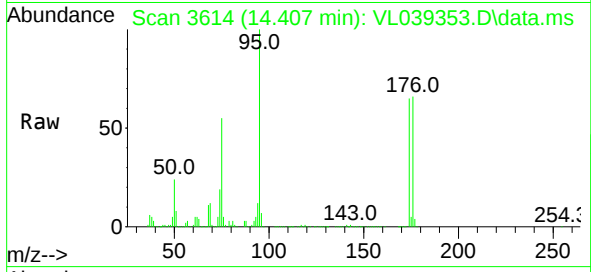
Tgt Ion:117 Resp: 2704462
Ion Ratio Lower Upper
117 100
82 66.0 55.1 82.7
119 33.7 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.937 ppbv
 RT: 14.407 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: VL039353.D
 Acq: 24 Jun 2022 23:07

Instrument :
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Tgt Ion: 95 Resp: 199826

Ion	Ratio	Lower	Upper
95	100		
174	72.3	53.8	80.8
175	5.3	4.1	6.1

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