

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039370.D
 Acq On : 27 Jun 2022 22:27
 Operator : SY/AP
 Sample : N3453-08DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 02:41:06 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	1088653	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.169	114	3173476	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.079	117	2734287	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2000174	8.848	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	88.500%
Target Compounds						
						Qvalue
9) Propene	3.002	41	14323m	0.237	ppbv	
13) Ethanol	3.600	45	49590m	15.055	ppbv	
15) Acetone	3.861	43	46273m	0.408	ppbv	
20) Methylene Chloride	4.343	84	12230m	0.256	ppbv	
26) Hexane	5.684	57	14847m	0.132	ppbv	

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

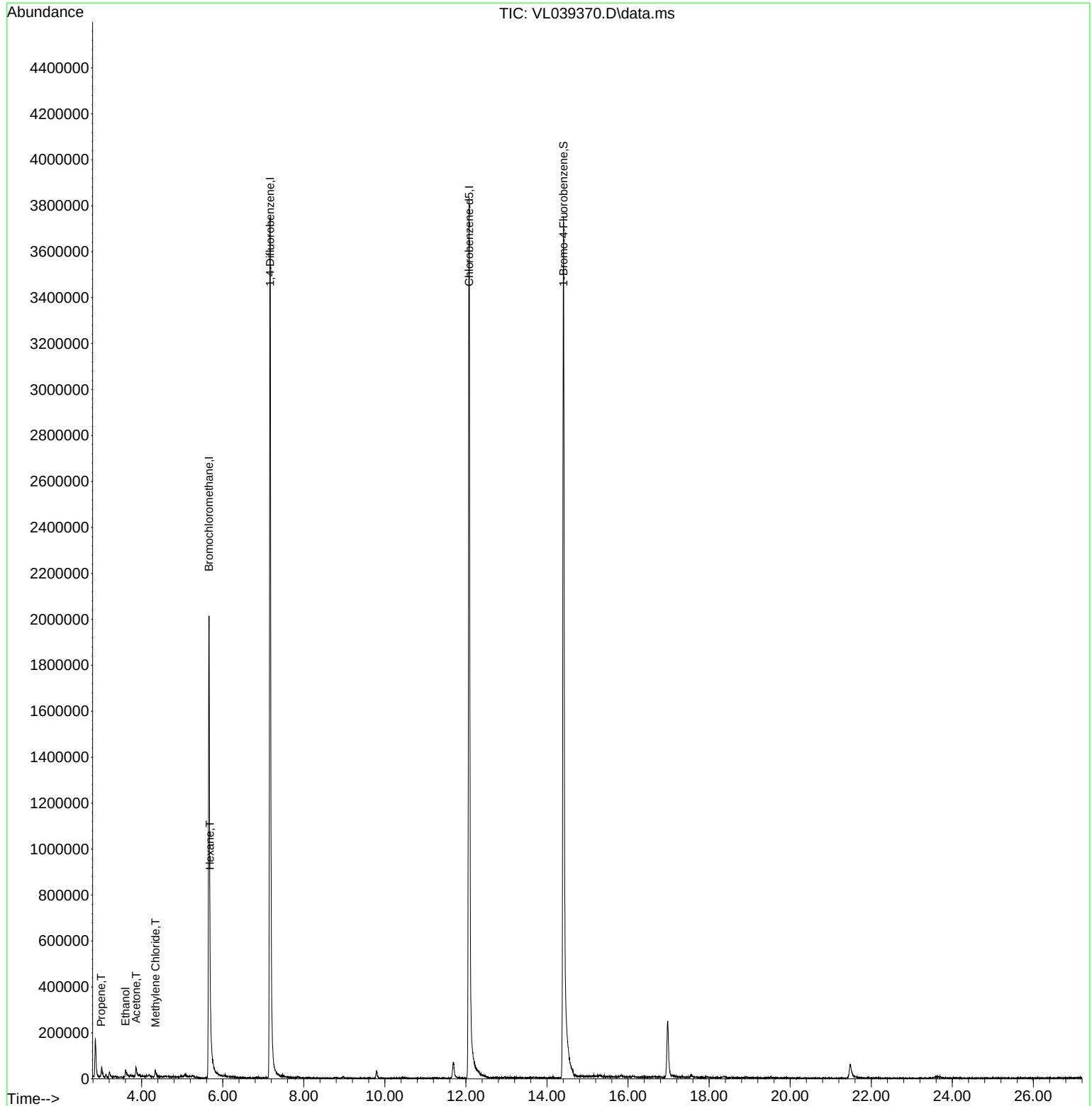
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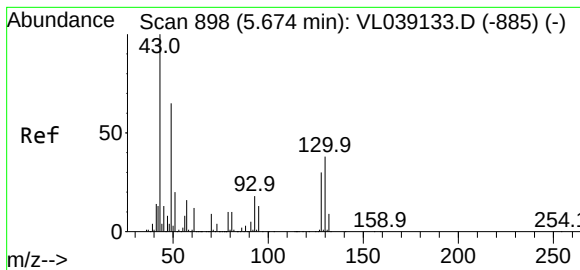
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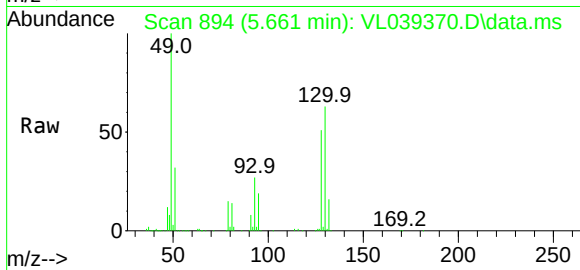
Quant Time: Jun 28 02:41:06 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 89
Delta R.T. -0.013 min
Lab File: VL039370.D
Acq: 27 Jun 2022 22:27

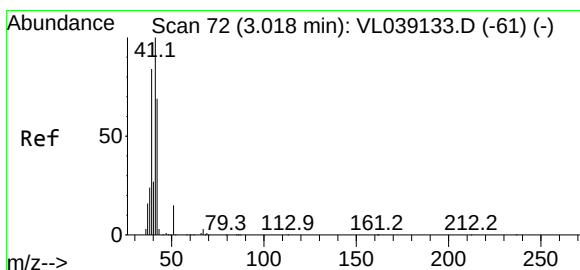
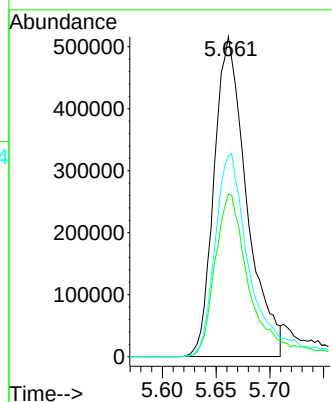
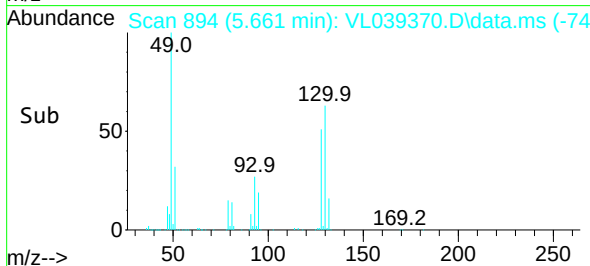
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL



Tgt Ion: 49 Resp: 108865
Ion Ratio Lower Upper
49 100
128 56.5 24.7 74.1
130 71.0 31.4 94.0

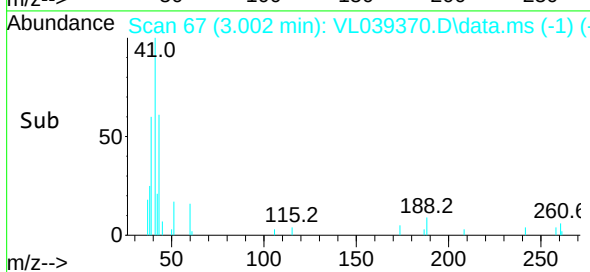
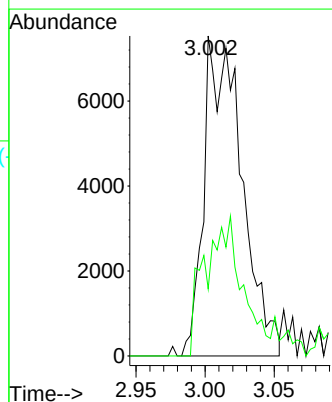
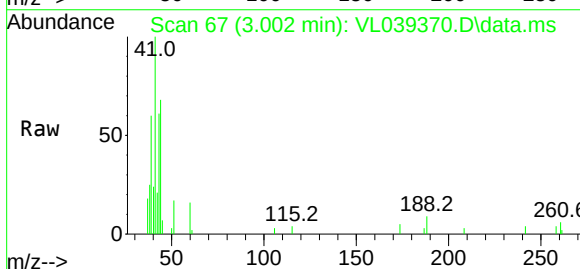
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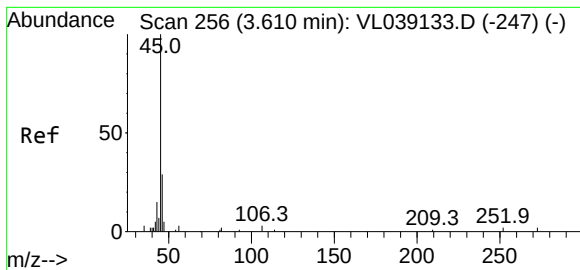
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#9
Propene
Concen: 0.237 ppbv m
RT: 3.002 min Scan# 67
Delta R.T. -0.016 min
Lab File: VL039370.D
Acq: 27 Jun 2022 22:27

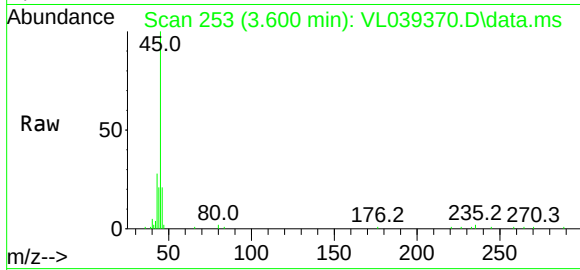
Tgt Ion: 41 Resp: 14323
Ion Ratio Lower Upper
41 100
42 50.5 55.4 83.2#





#13
Ethanol
Concen: 15.055 ppbv m
RT: 3.600 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039370.D
Acq: 27 Jun 2022 22:27

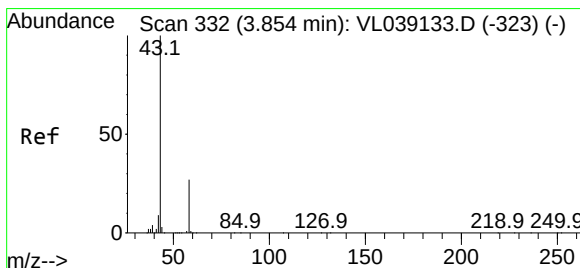
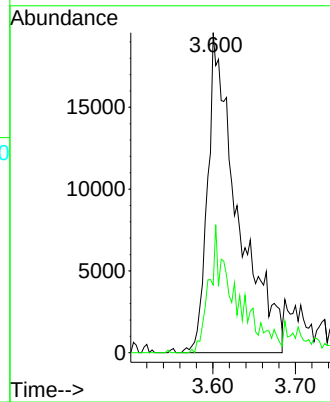
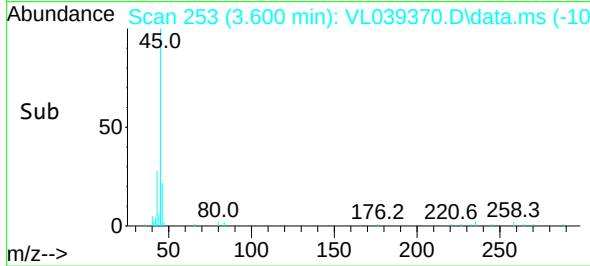
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL



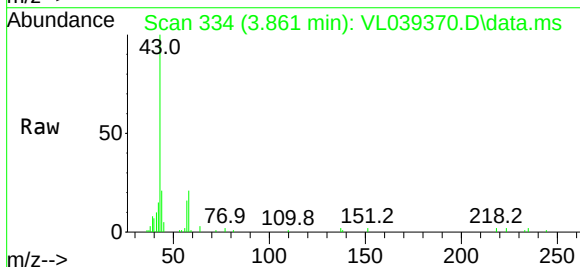
Tgt Ion: 45 Resp: 49590
Ion Ratio Lower Upper
45 100
46 34.4 0.0 0.0

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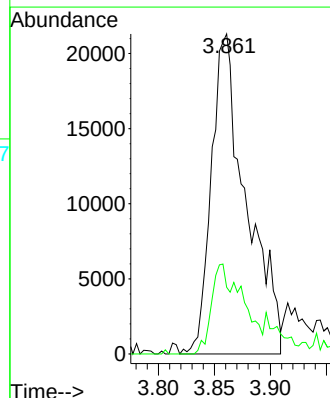
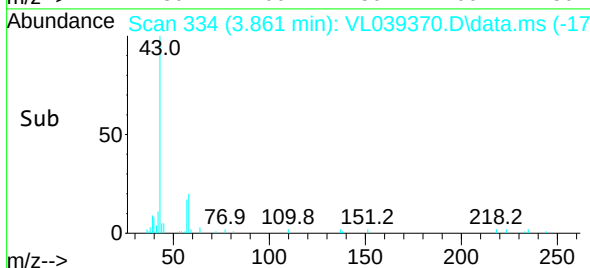
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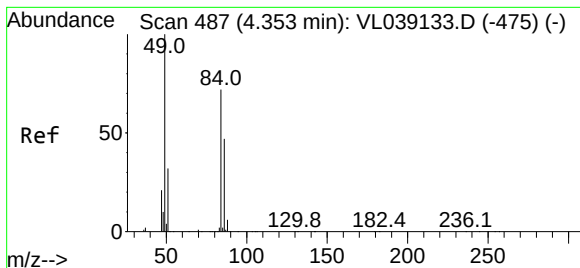


#15
Acetone
Concen: 0.408 ppbv m
RT: 3.861 min Scan# 334
Delta R.T. 0.006 min
Lab File: VL039370.D
Acq: 27 Jun 2022 22:27



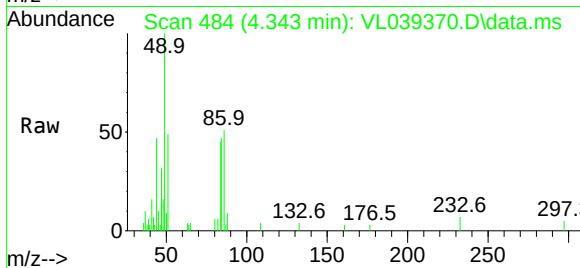
Tgt Ion: 43 Resp: 46273
Ion Ratio Lower Upper
43 100
58 32.7 22.5 33.7





#20
Methylene Chloride
Concen: 0.256 ppbv m
RT: 4.343 min Scan# 487
Delta R.T. -0.010 min
Lab File: VL039370.D
Acq: 27 Jun 2022 22:27

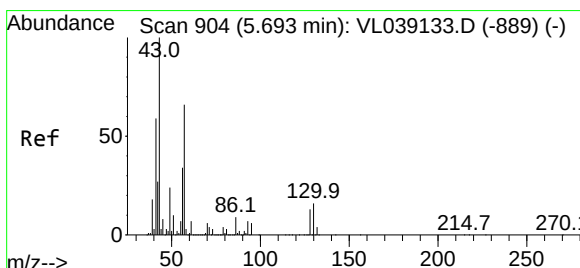
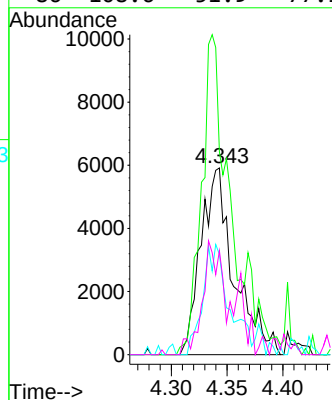
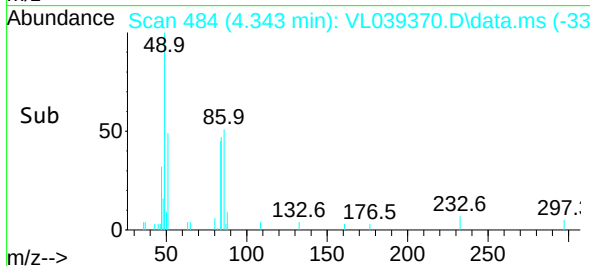
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL



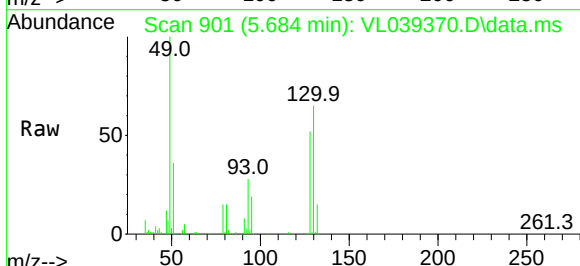
Tgt Ion: 84 Resp: 12230
Ion Ratio Lower Upper
84 100
49 212.2 111.1 166.7
51 104.8 35.3 52.9
86 108.6 51.9 77.9

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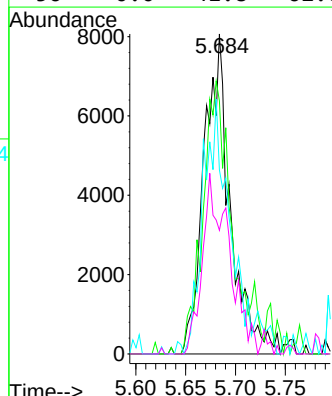
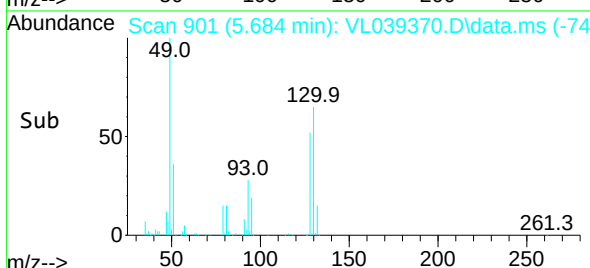
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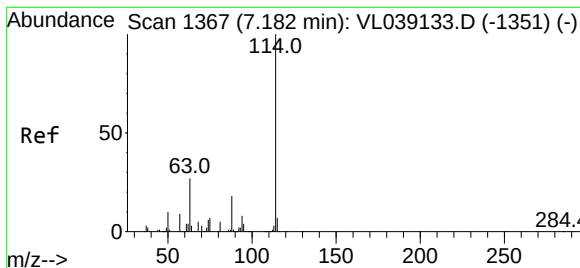


#26
Hexane
Concen: 0.132 ppbv m
RT: 5.684 min Scan# 901
Delta R.T. -0.010 min
Lab File: VL039370.D
Acq: 27 Jun 2022 22:27



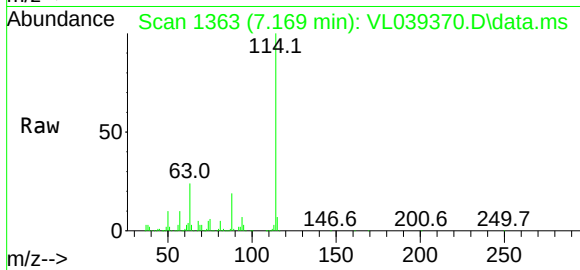
Tgt Ion: 57 Resp: 14847
Ion Ratio Lower Upper
57 100
41 102.6 72.4 108.6
43 86.4 187.0 280.6
56 0.0 41.8 62.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL039370.D
Acq: 27 Jun 2022 22:27

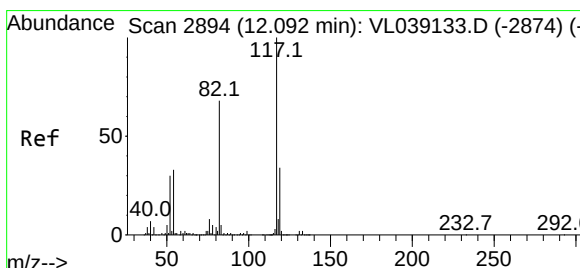
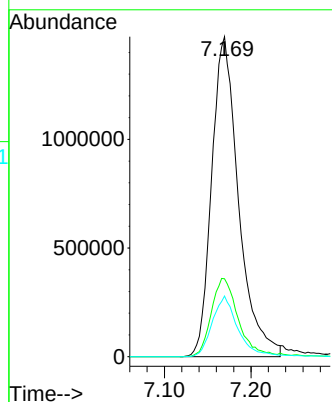
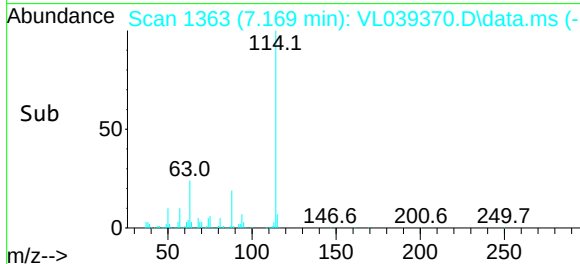
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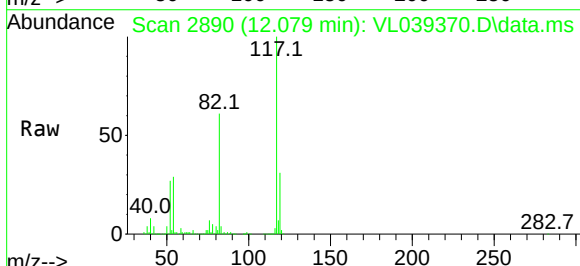
Tgt Ion:114 Resp: 3173470
Ion Ratio Lower Upper
114 100
63 25.2 21.7 32.5
88 18.4 14.8 22.2

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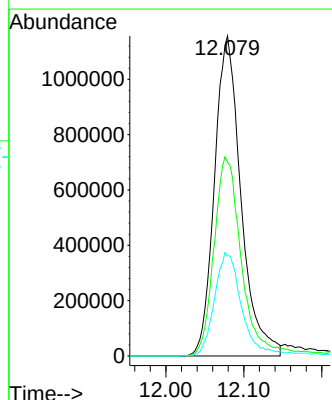
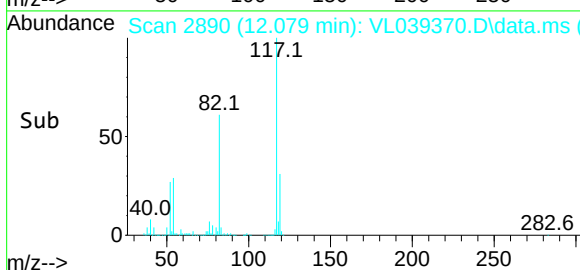
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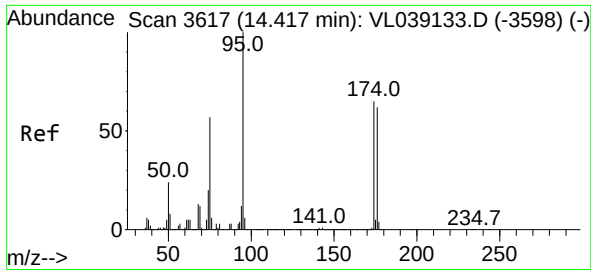


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. -0.013 min
Lab File: VL039370.D
Acq: 27 Jun 2022 22:27



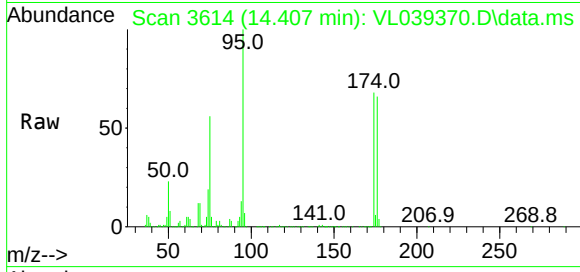
Tgt Ion:117 Resp: 2734287
Ion Ratio Lower Upper
117 100
82 66.7 55.1 82.7
119 34.2 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.848 ppbv
 RT: 14.407 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: VL039370.D
 Acq: 27 Jun 2022 22:27

Instrument :
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Tgt Ion: 95 Resp: 2000174

Ion	Ratio	Lower	Upper
95	100		
174	73.4	53.8	80.8
175	5.5	4.1	6.1

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