

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039374.D
 Acq On : 28 Jun 2022 1:27
 Operator : SY/AP
 Sample : N3453-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 02:41:55 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 0
 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	960687	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.166	114	2997057	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.076	117	2540055	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1918896	9.138	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.400%
Target Compounds						
						Qvalue
13) Ethanol	3.623	45	23015m	7.918	ppbv	
15) Acetone	3.858	43	56234m	0.562	ppbv	
20) Methylene Chloride	4.340	84	30557m	0.725	ppbv	
26) Hexane	5.677	57	22424m	0.226	ppbv	
53) Toluene	9.803	91	30074m	0.107	ppbv	

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

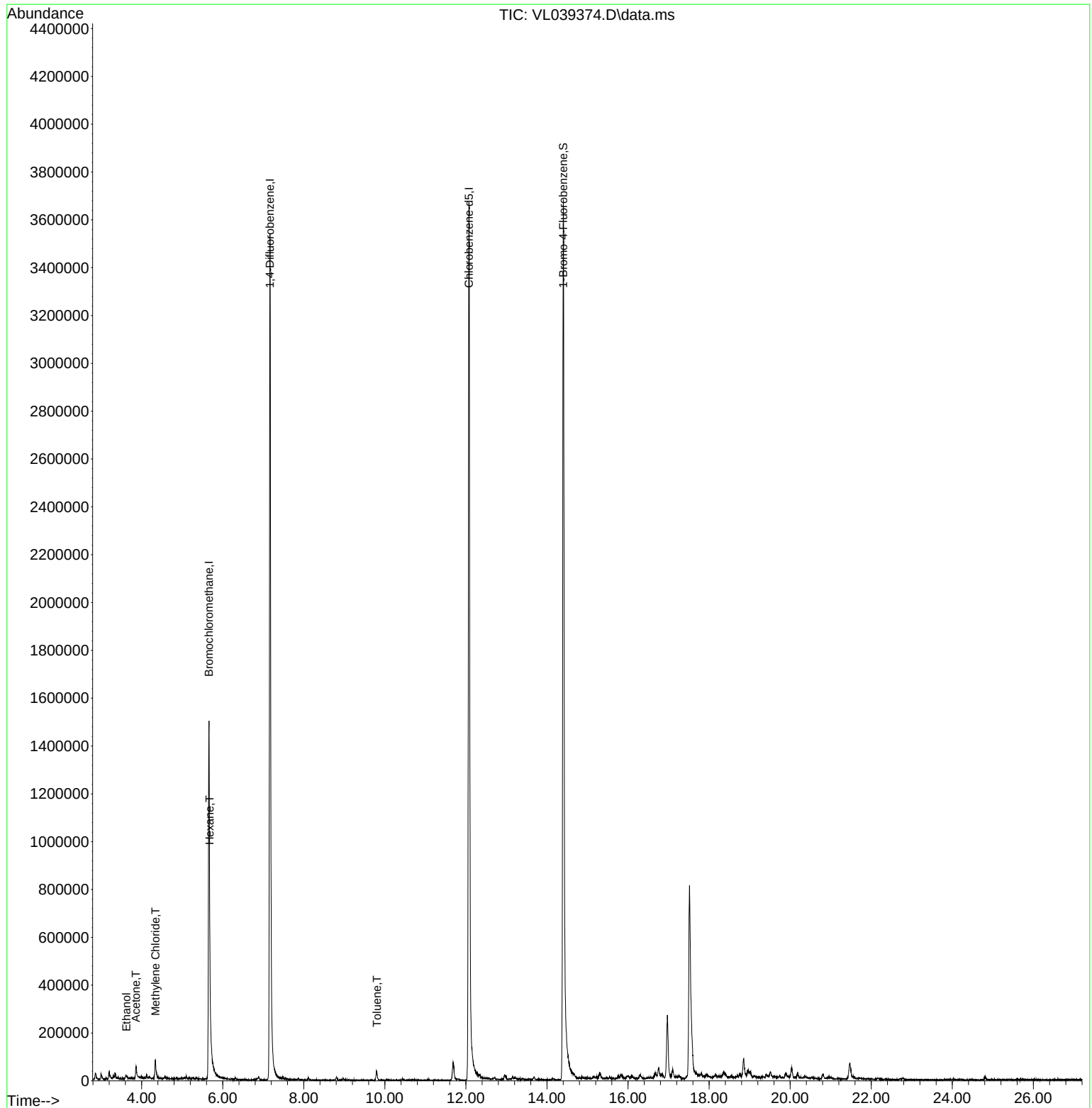
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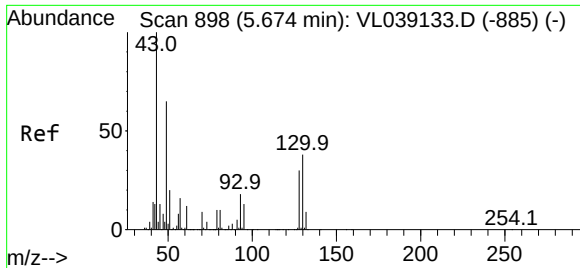
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
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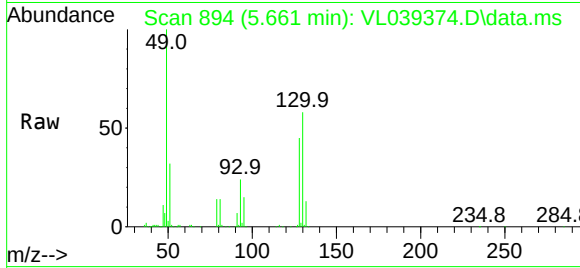
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 898
Delta R.T. -0.013 min
Lab File: VL039374.D
Acq: 28 Jun 2022 1:27

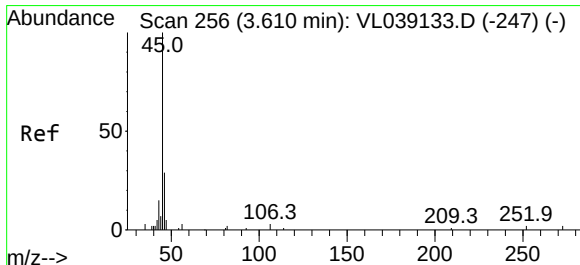
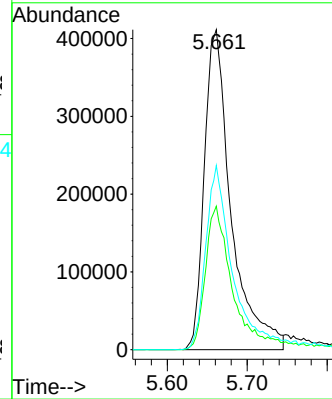
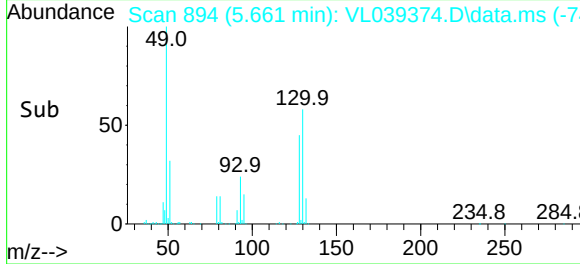
Instrument :
MSVOA_L
ClientSampleId :
SG-1DL



Tgt Ion: 49 Resp: 96068
Ion Ratio Lower Upper
49 100
128 47.6 24.7 74.1
130 61.3 31.4 94.0

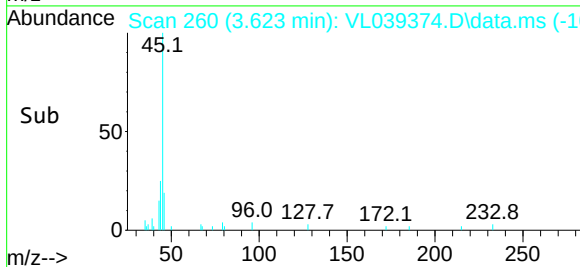
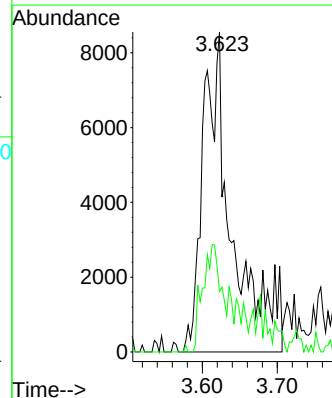
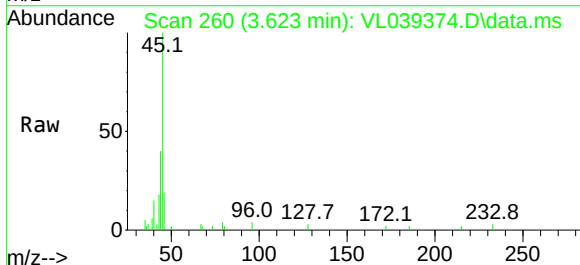
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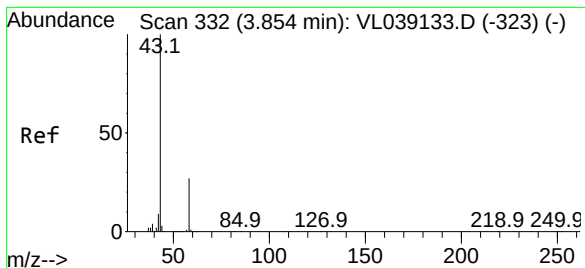
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Supervised By :Mahesh Dadoda 06/30/2022



#13
Ethanol
Concen: 7.918 ppbv m
RT: 3.623 min Scan# 260
Delta R.T. 0.013 min
Lab File: VL039374.D
Acq: 28 Jun 2022 1:27

Tgt Ion: 45 Resp: 23015
Ion Ratio Lower Upper
45 100
46 34.4 0.0 0.0#





#15

Acetone

Concen: 0.562 ppbv m

RT: 3.858 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL039374.D

Acq: 28 Jun 2022 1:27

Instrument :

MSVOA_L

ClientSampleId :

SG-1DL

Tgt Ion: 43 Resp: 56234

Ion Ratio Lower Upper

43 100

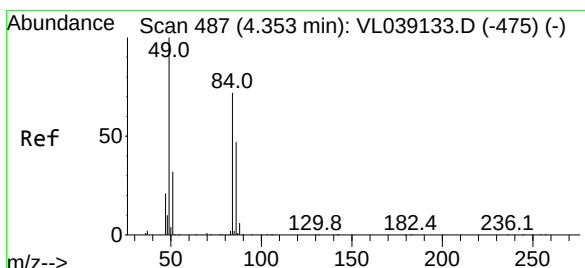
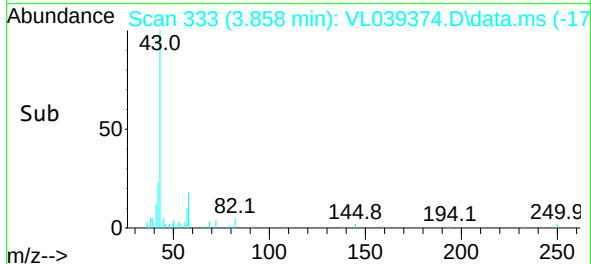
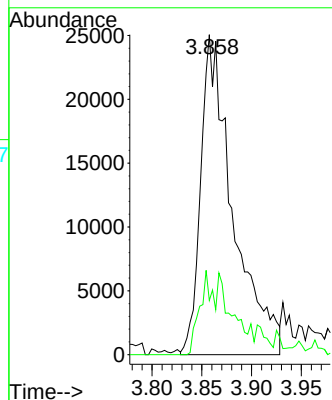
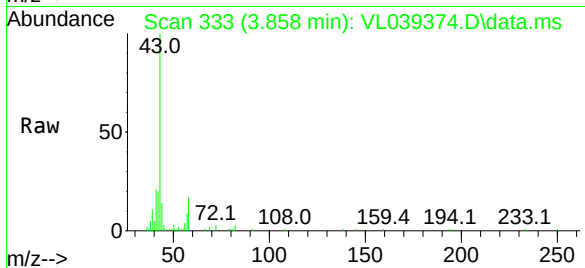
58 29.4 22.5 33.7

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#20

Methylene Chloride

Concen: 0.725 ppbv m

RT: 4.340 min Scan# 483

Delta R.T. -0.013 min

Lab File: VL039374.D

Acq: 28 Jun 2022 1:27

Tgt Ion: 84 Resp: 30557

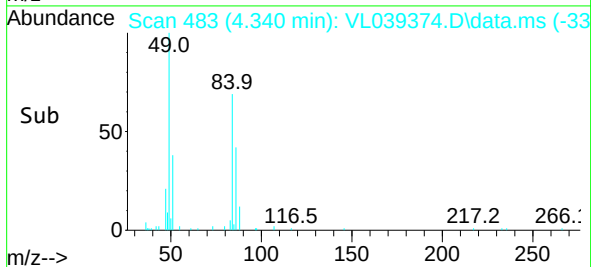
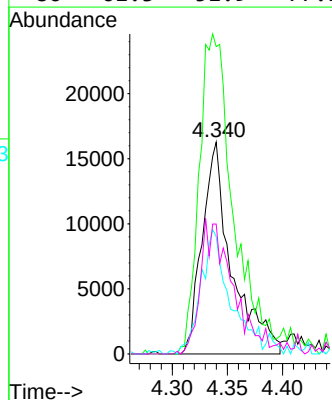
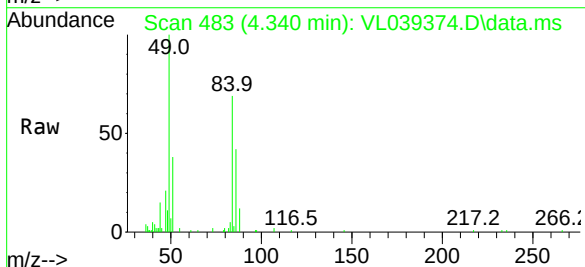
Ion Ratio Lower Upper

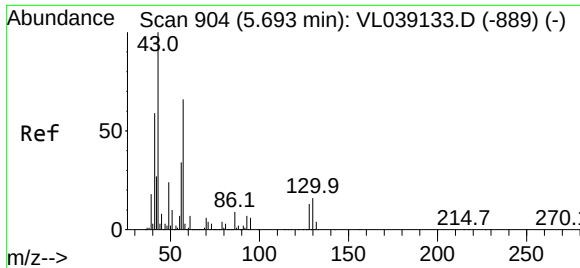
84 100

49 145.1 111.1 166.7

51 55.5 35.3 52.9#

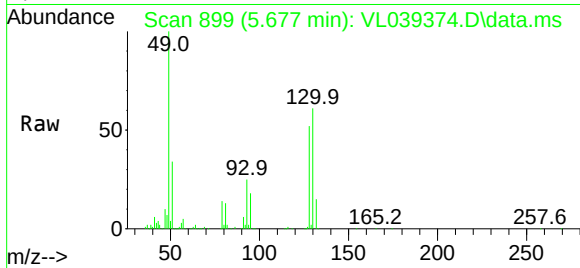
86 61.3 51.9 77.9





#26
Hexane
Concen: 0.226 ppbv m
RT: 5.677 min Scan# 899
Delta R.T. -0.016 min
Lab File: VL039374.D
Acq: 28 Jun 2022 1:27

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

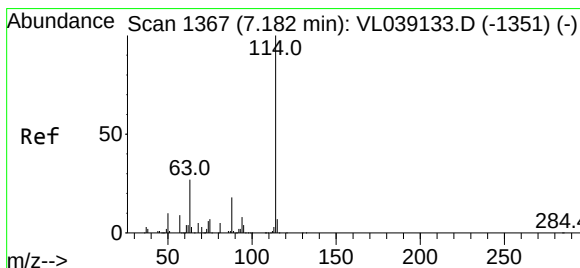
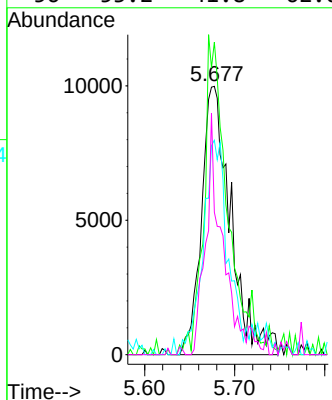
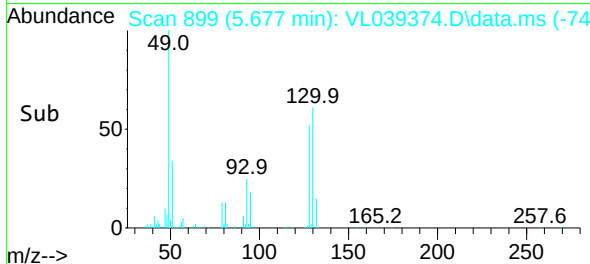


Tgt Ion: 57 Resp: 22424

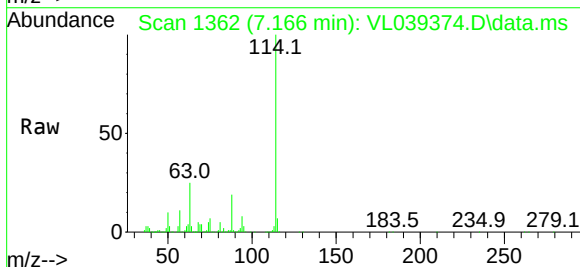
Ion	Ratio	Lower	Upper
57	100		
41	98.9	72.4	108.6
43	75.0	187.0	280.6
56	53.2	41.8	62.6

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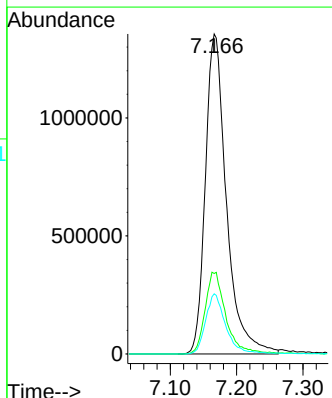
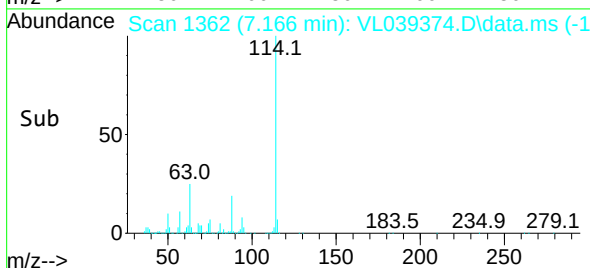


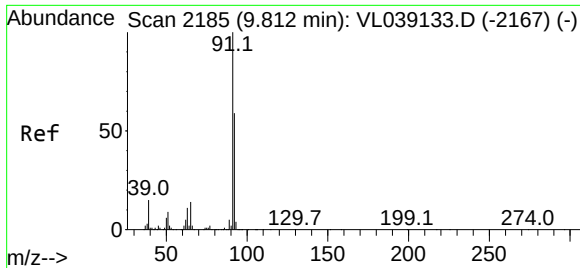
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 1362
Delta R.T. -0.016 min
Lab File: VL039374.D
Acq: 28 Jun 2022 1:27



Tgt Ion:114 Resp: 2997057

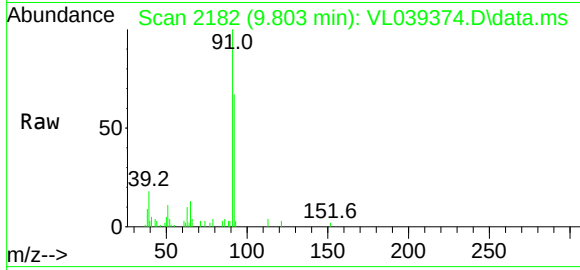
Ion	Ratio	Lower	Upper
114	100		
63	25.6	21.7	32.5
88	18.2	14.8	22.2





#53
Toluene
Concen: 0.107 ppbv m
RT: 9.803 min Scan# 2185
Delta R.T. -0.010 min
Lab File: VL039374.D
Acq: 28 Jun 2022 1:27

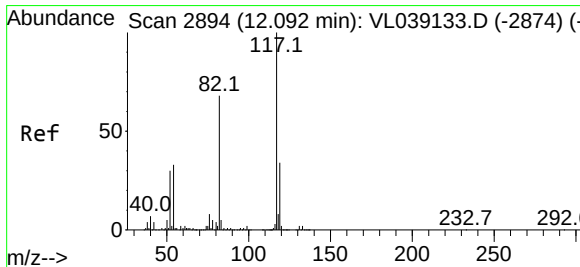
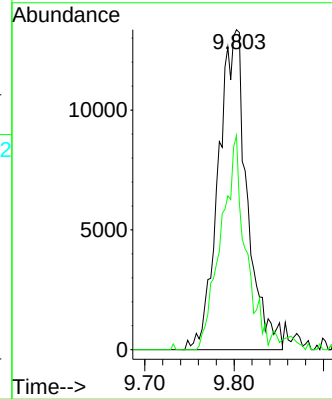
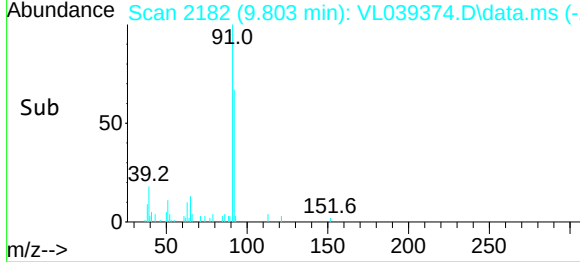
Instrument :
MSVOA_L
ClientSampleId :
SG-1DL



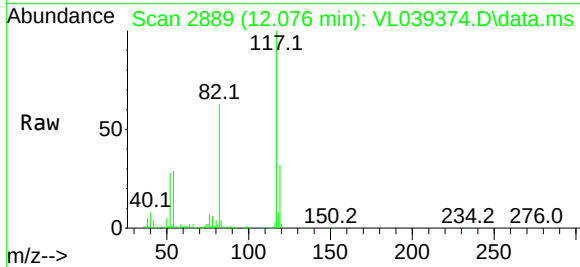
Tgt Ion: 91 Resp: 30074
Ion Ratio Lower Upper
91 100
92 0.0 48.1 72.1

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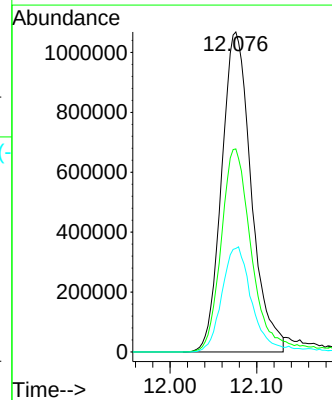
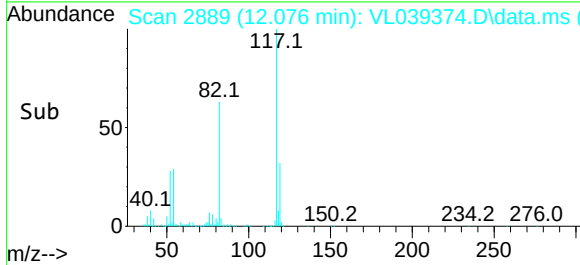
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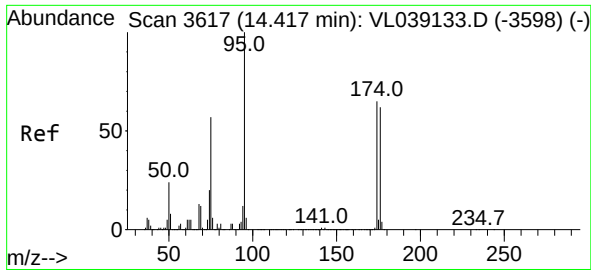


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. -0.016 min
Lab File: VL039374.D
Acq: 28 Jun 2022 1:27



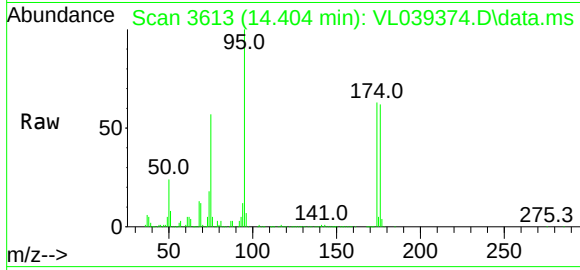
Tgt Ion:117 Resp: 2540055
Ion Ratio Lower Upper
117 100
82 67.9 55.1 82.7
119 34.5 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.138 ppbv
 RT: 14.404 min Scan# 30
 Delta R.T. -0.013 min
 Lab File: VL039374.D
 Acq: 28 Jun 2022 1:27

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1DL



Tgt Ion: 95 Resp: 1918890

Ion	Ratio	Lower	Upper
95	100		
174	69.6	53.8	80.8
175	5.1	4.1	6.1

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