

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039495.D
 Acq On : 20 Jul 2022 00:13
 Operator : SY/AP
 Sample : N3750-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022

Quant Time: Jul 20 05:42:39 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 20 05:42:39 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	1129322	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.185	114	3274022	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	2940120	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	2127672	9.755	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%
Target Compounds						
13) Ethanol	3.616	45	32617m	8.689	ppbv	Qvalue
15) Acetone	3.867	43	128148	0.959	ppbv #	89
20) Methylene Chloride	4.349	84	77434	1.454	ppbv	98
26) Hexane	5.700	57	67142	0.608	ppbv #	43

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

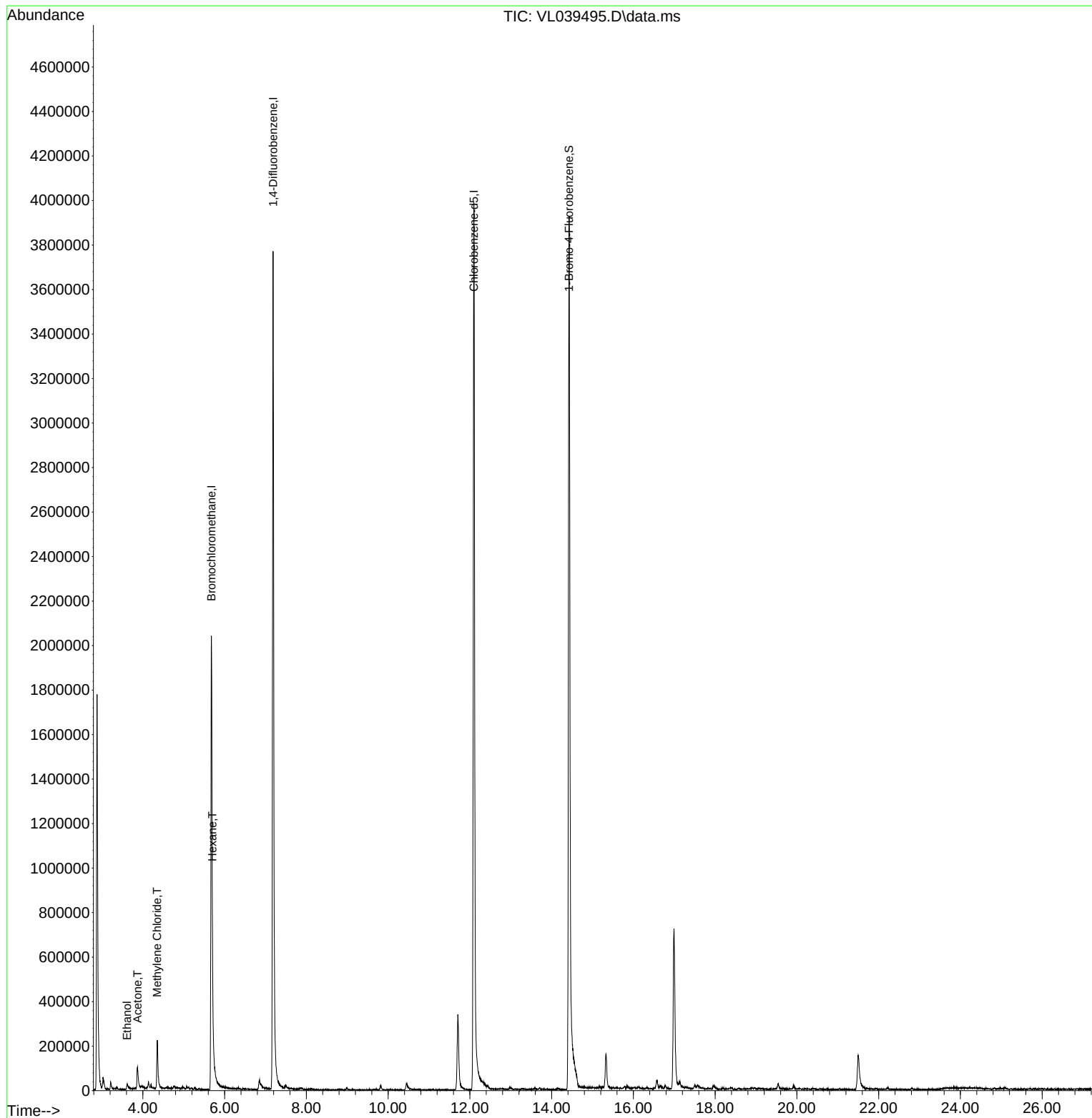
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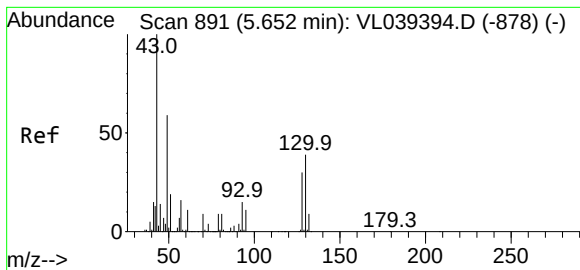
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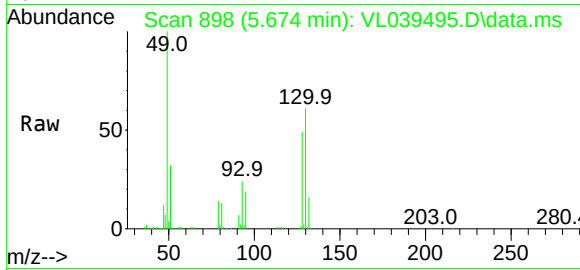
Quant Time: Jul 20 05:42:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 891
Delta R.T. 0.022 min
Lab File: VL039495.D
Acq: 20 Jul 2022 00:13

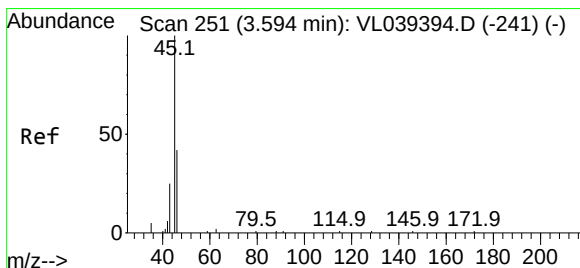
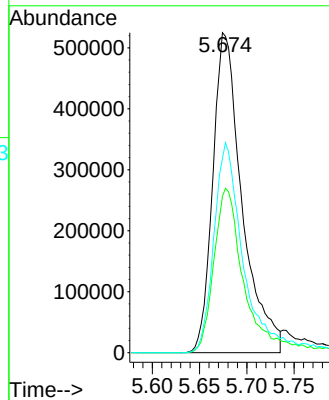
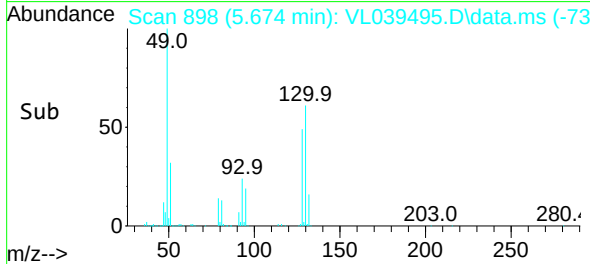
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 49 Resp: 112932
Ion Ratio Lower Upper
49 100
128 55.3 26.7 80.0
130 69.4 34.3 102.8

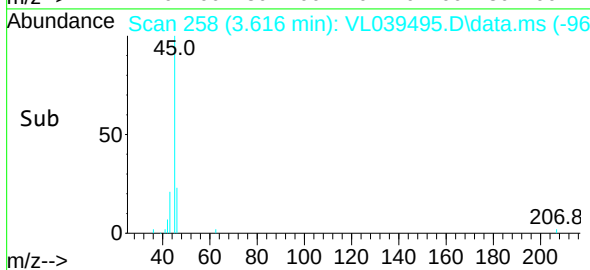
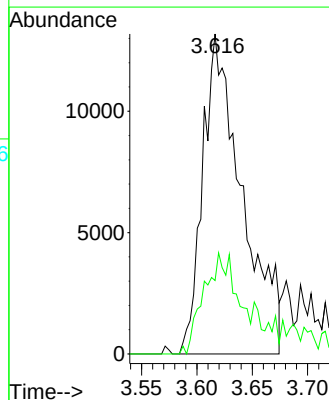
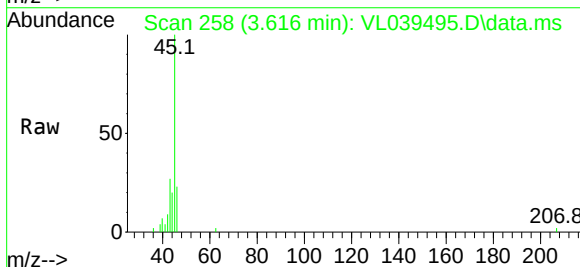
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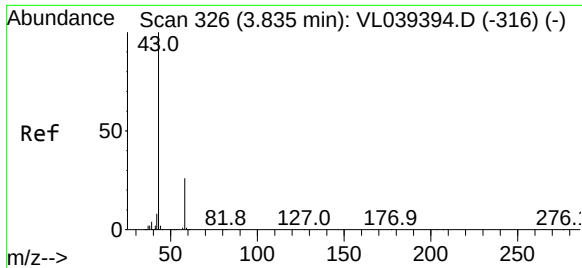
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#13
Ethanol
Concen: 8.689 ppbv m
RT: 3.616 min Scan# 258
Delta R.T. 0.022 min
Lab File: VL039495.D
Acq: 20 Jul 2022 00:13

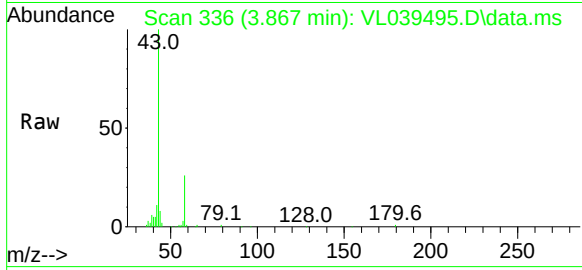
Tgt Ion: 45 Resp: 32617
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2#





#15
Acetone
Concen: 0.959 ppbv
RT: 3.867 min Scan# 31
Delta R.T. 0.032 min
Lab File: VL039495.D
Acq: 20 Jul 2022 00:13

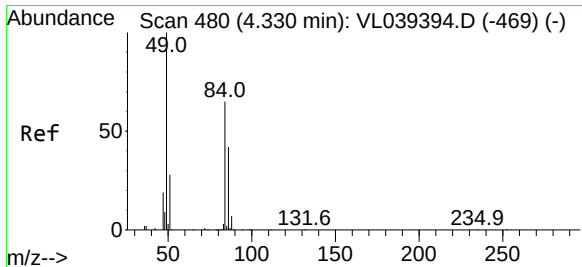
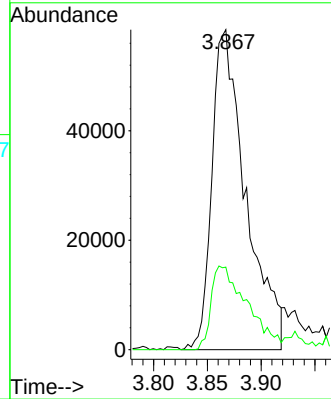
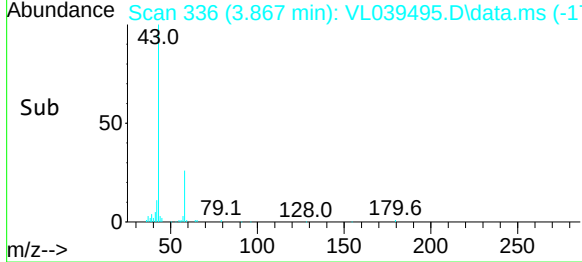
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ClientSampleId :
IA-1DL



Tgt Ion: 43 Resp: 128148
Ion Ratio Lower Upper
43 100
58 32.0 21.0 31.6

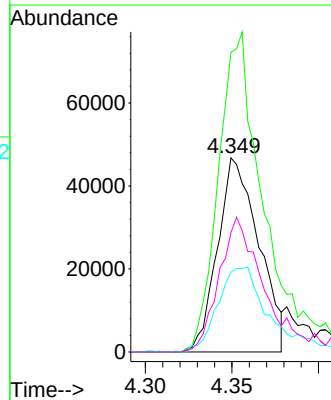
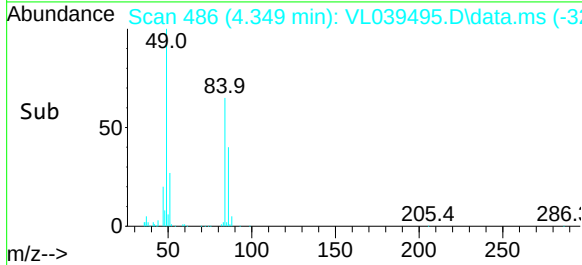
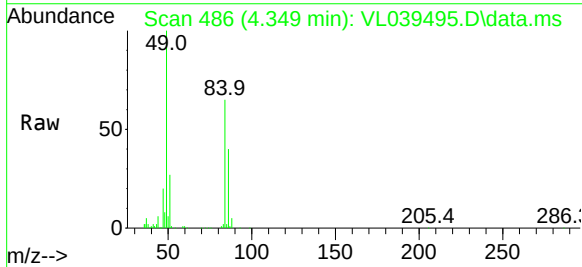
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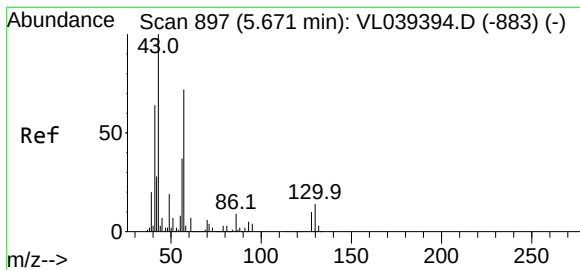
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#20
Methylene Chloride
Concen: 1.454 ppbv
RT: 4.349 min Scan# 486
Delta R.T. 0.019 min
Lab File: VL039495.D
Acq: 20 Jul 2022 00:13

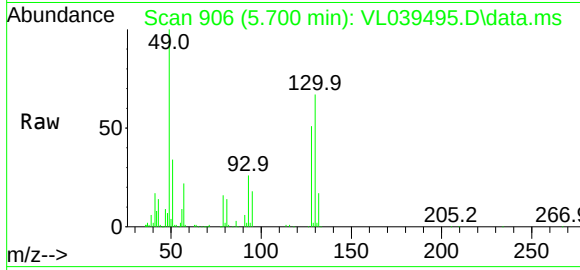
Tgt Ion: 84 Resp: 77434
Ion Ratio Lower Upper
84 100
49 154.4 123.1 184.7
51 40.4 34.4 51.6
86 61.5 51.1 76.7





#26
Hexane
Concen: 0.608 ppbv
RT: 5.700 min Scan# 90
Delta R.T. 0.029 min
Lab File: VL039495.D
Acq: 20 Jul 2022 00:13

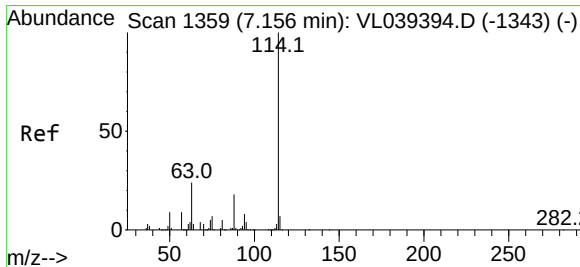
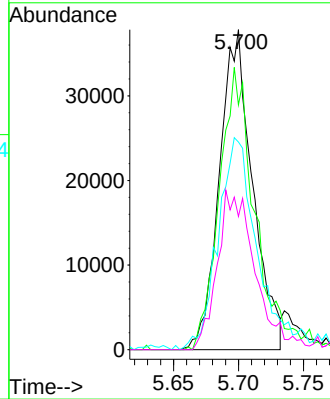
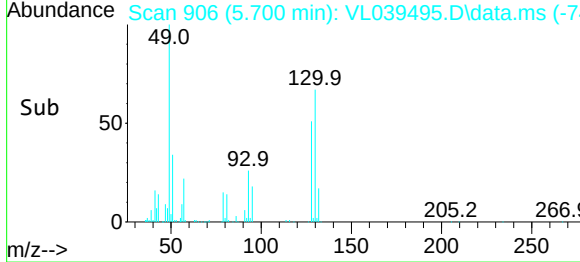
Instrument :
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ClientSampleId :
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Tgt Ion: 57 Resp: 67142
Ion Ratio Lower Upper
57 100
41 96.3 76.9 115.3
43 82.8 191.0 286.6
56 57.9 43.2 64.8

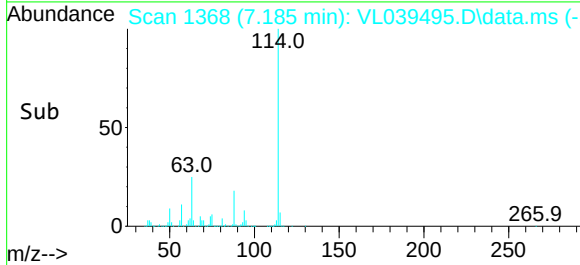
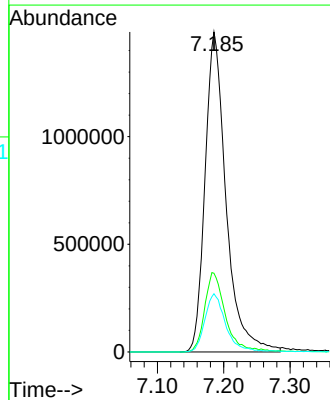
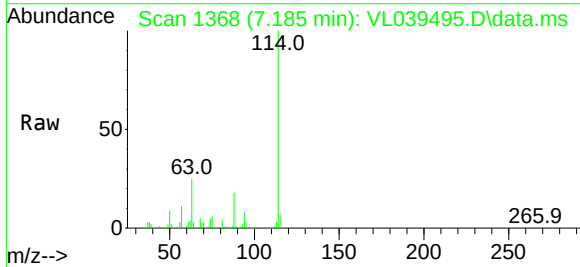
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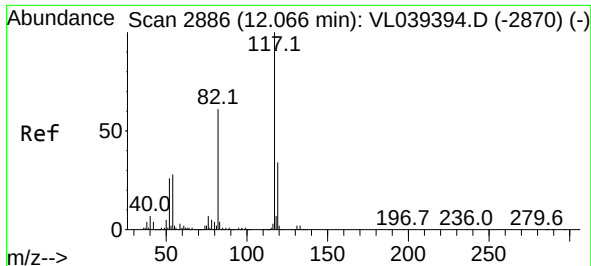
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Supervised By :Mahesh Dadoda 07/21/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 1368
Delta R.T. 0.029 min
Lab File: VL039495.D
Acq: 20 Jul 2022 00:13

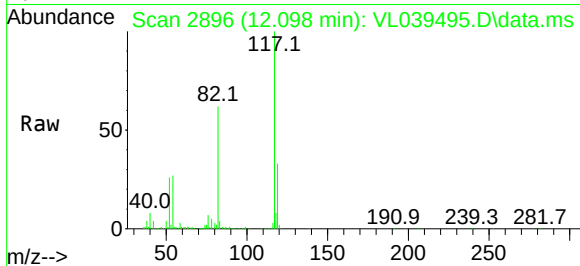
Tgt Ion:114 Resp: 3274022
Ion Ratio Lower Upper
114 100
63 24.8 20.2 30.4
88 18.4 14.5 21.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. 0.032 min
Lab File: VL039495.D
Acq: 20 Jul 2022 00:13

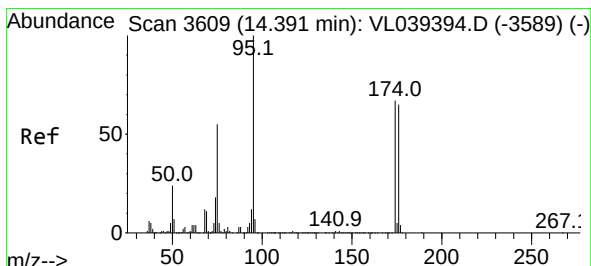
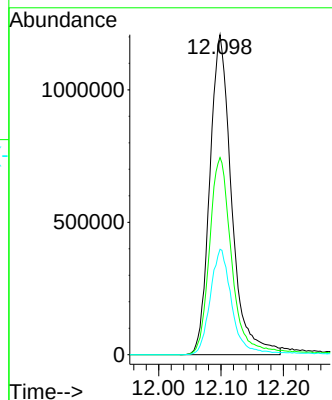
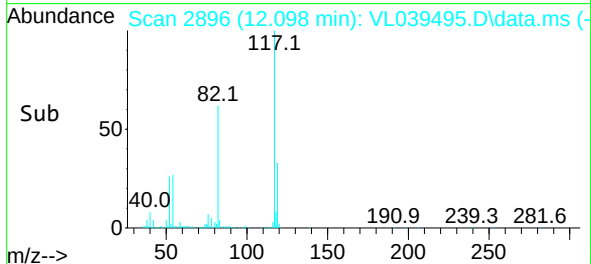
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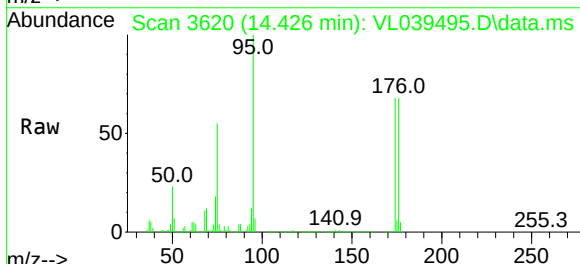
Tgt Ion: 117 Resp: 2940120
Ion Ratio Lower Upper
117 100
82 63.9 50.8 76.2
119 33.7 24.1 36.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.755 ppbv
RT: 14.426 min Scan# 3620
Delta R.T. 0.035 min
Lab File: VL039495.D
Acq: 20 Jul 2022 00:13



Tgt Ion: 95 Resp: 2127672
Ion Ratio Lower Upper
95 100
174 75.2 55.9 83.9
175 5.4 4.2 6.4

