

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039430.D
 Acq On : 5 Jul 2022 22:19
 Operator : SY/AP
 Sample : N3560-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 02:38:54 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 6
 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	5.677	49	1108609	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.182	114	3223663	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.092	117	2761467	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.423	95	2033939	9.928	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
					Qvalue	
13) Ethanol	3.629	45	11447m	3.106	ppbv	
15) Acetone	3.870	43	73654m	0.562	ppbv	
20) Methylene Chloride	4.353	84	24942	0.477	ppbv #	90
26) Hexane	5.697	57	15662m	0.144	ppbv	

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

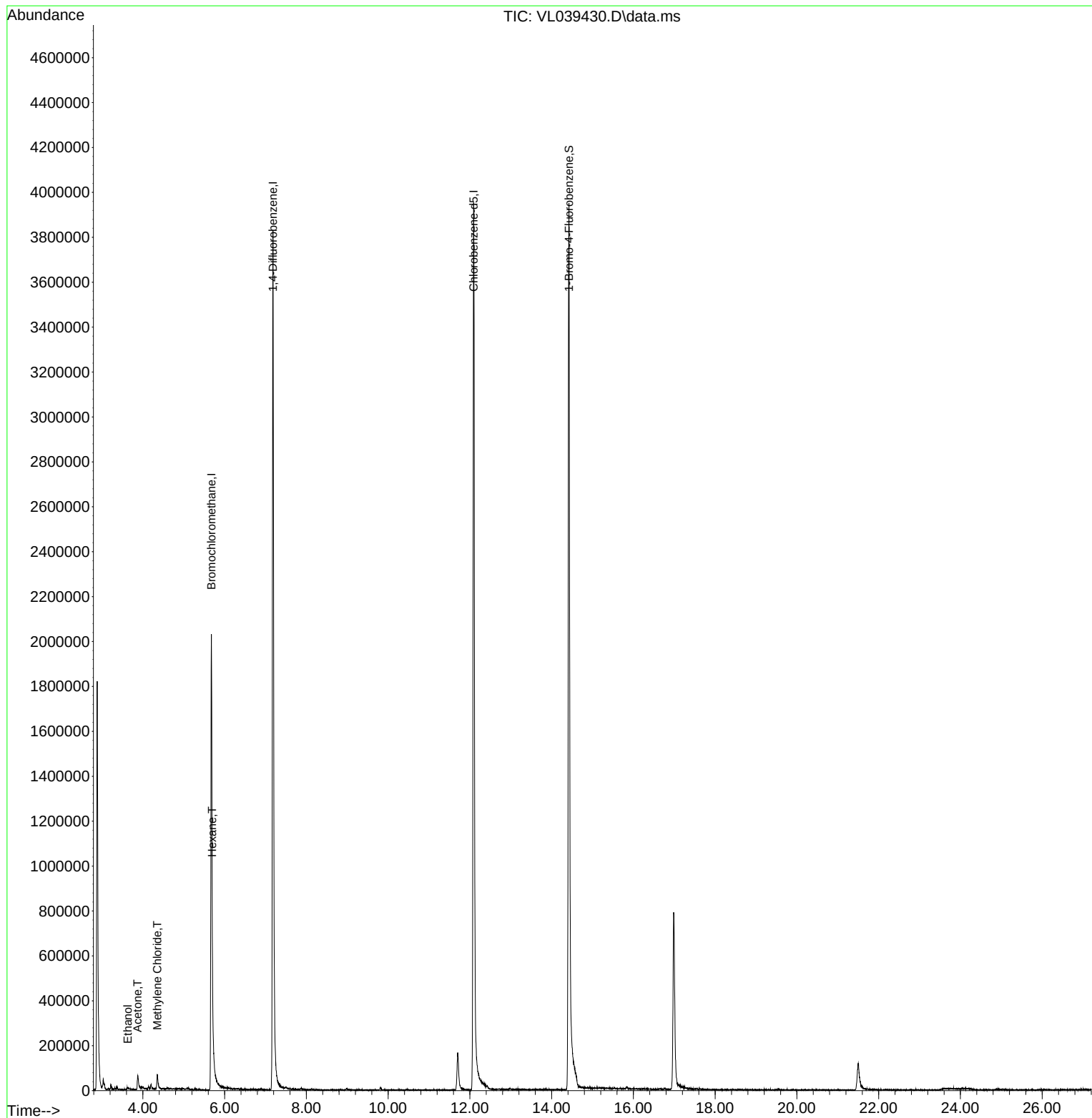
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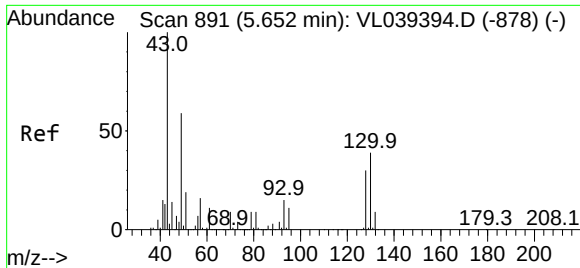
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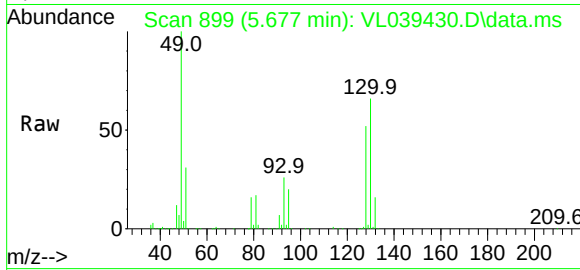
Quant Time: Jul 06 02:38:54 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 891
Delta R.T. 0.026 min
Lab File: VL039430.D
Acq: 5 Jul 2022 22:19

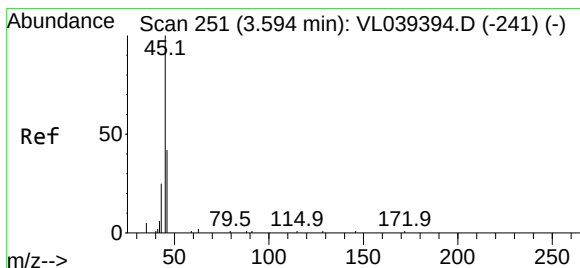
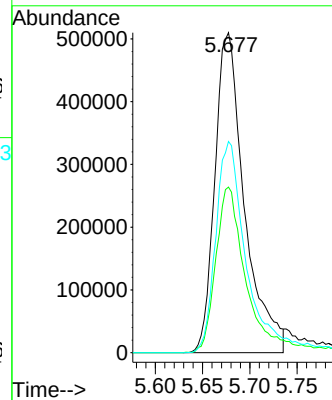
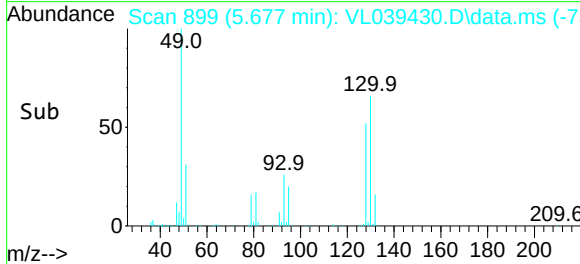
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 1108609
Ion Ratio Lower Upper
49 100
128 56.4 26.7 80.0
130 71.8 34.3 102.8

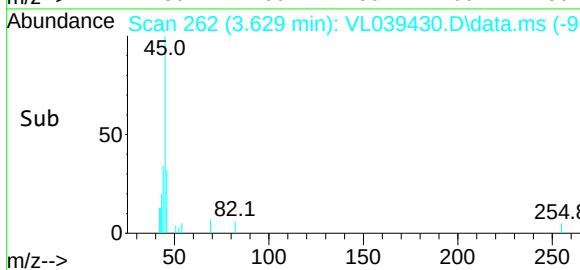
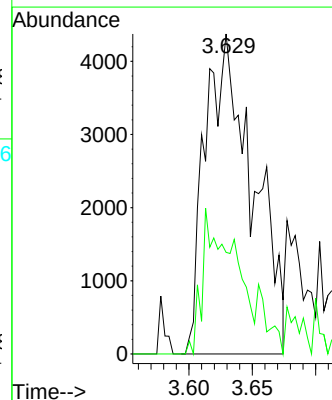
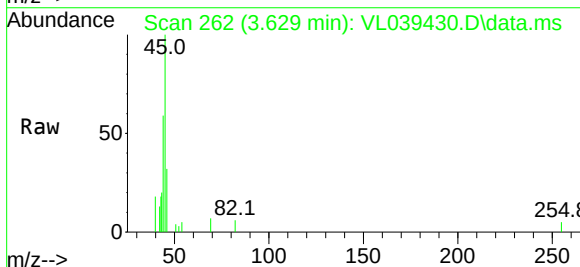
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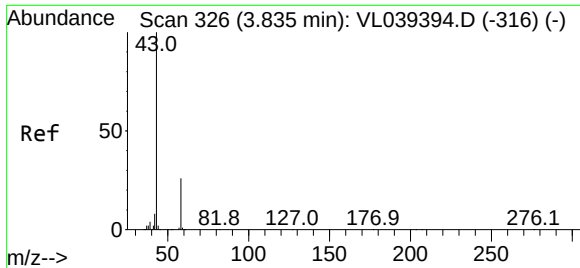
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#13
Ethanol
Concen: 3.106 ppbv m
RT: 3.629 min Scan# 262
Delta R.T. 0.035 min
Lab File: VL039430.D
Acq: 5 Jul 2022 22:19

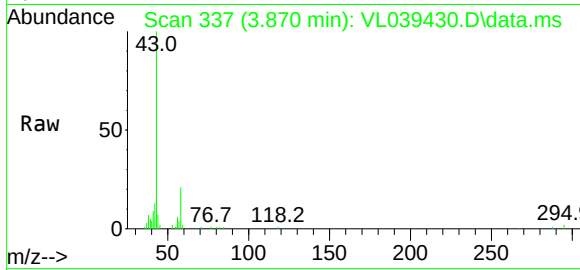
Tgt Ion: 45 Resp: 11447
Ion Ratio Lower Upper
45 100
46 40.0 22.8 91.2





#15
Acetone
Concen: 0.562 ppbv m
RT: 3.870 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL039430.D
Acq: 5 Jul 2022 22:19

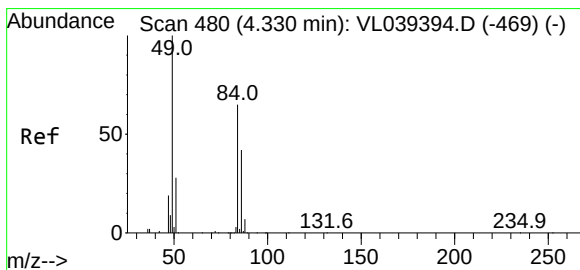
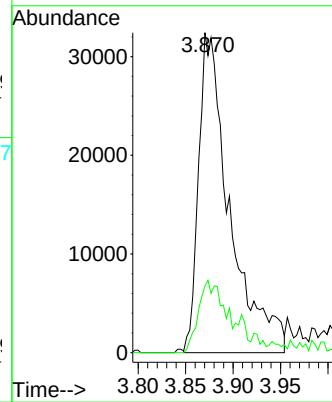
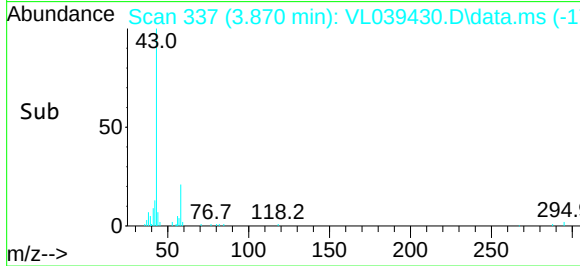
Instrument :
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ClientSampleId :
OA1DL



Tgt Ion: 43 Resp: 73654
Ion Ratio Lower Upper
43 100
58 0.0 21.0 31.6

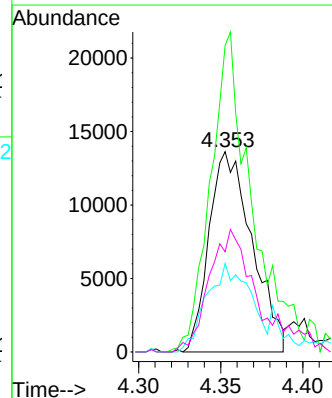
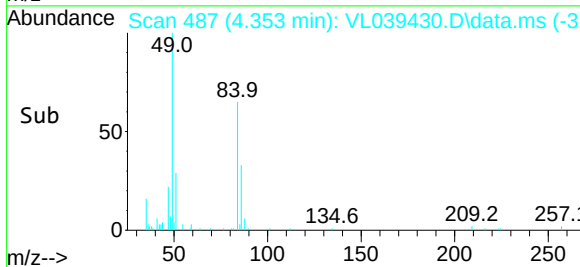
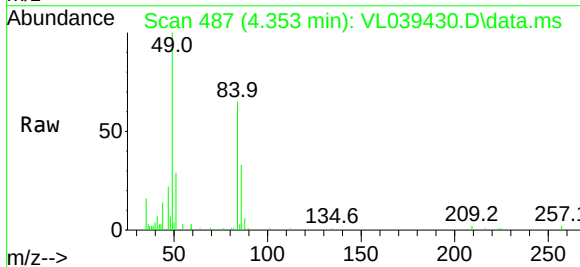
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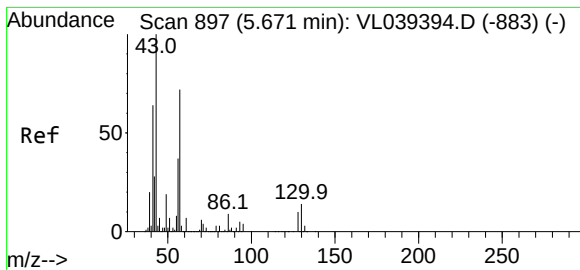
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#20
Methylene Chloride
Concen: 0.477 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.022 min
Lab File: VL039430.D
Acq: 5 Jul 2022 22:19

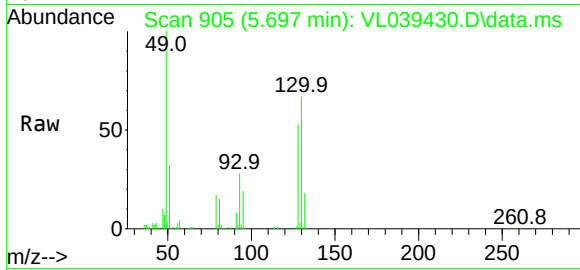
Tgt Ion: 84 Resp: 24942
Ion Ratio Lower Upper
84 100
49 145.6 123.1 184.7
51 41.9 34.4 51.6
86 45.3 51.1 76.7#





#26
Hexane
Concen: 0.144 ppbv m
RT: 5.697 min Scan# 905
Delta R.T. 0.026 min
Lab File: VL039430.D
Acq: 5 Jul 2022 22:19

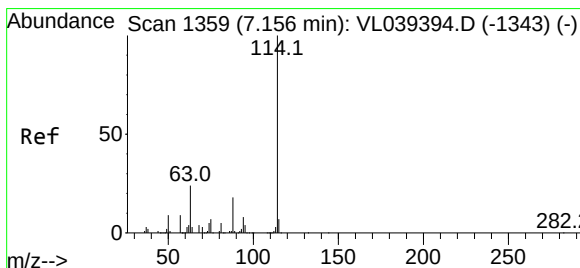
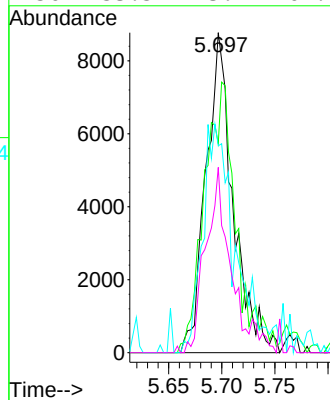
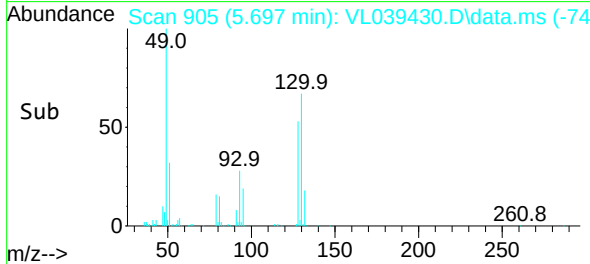
Instrument :
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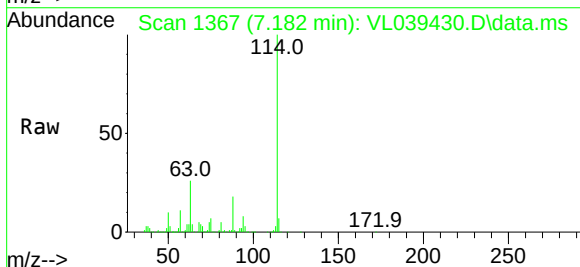
Tgt Ion: 57 Resp: 15662
Ion Ratio Lower Upper
57 100
41 98.6 76.9 115.3
43 87.2 191.0 286.6
56 53.5 43.2 64.8

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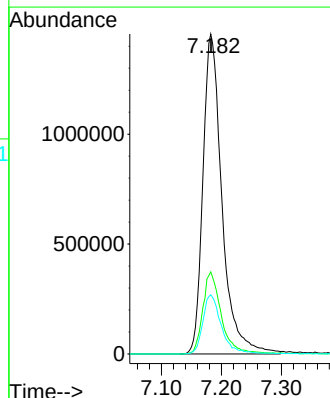
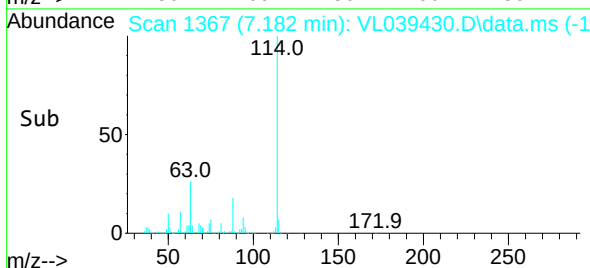
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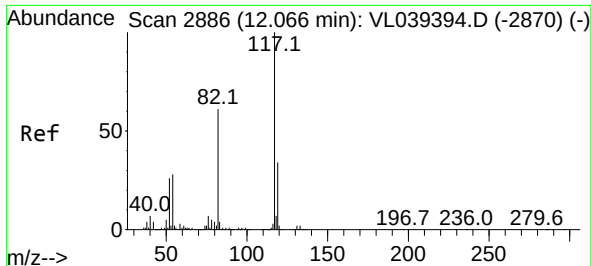


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 1367
Delta R.T. 0.026 min
Lab File: VL039430.D
Acq: 5 Jul 2022 22:19



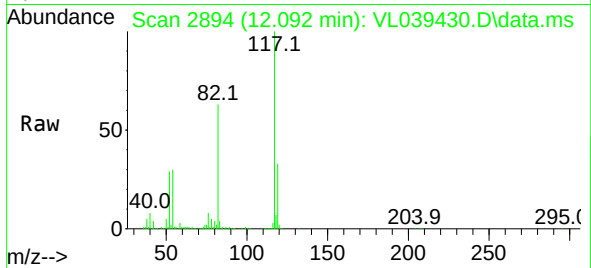
Tgt Ion:114 Resp: 3223663
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.4
88 18.3 14.5 21.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. 0.026 min
Lab File: VL039430.D
Acq: 5 Jul 2022 22:19

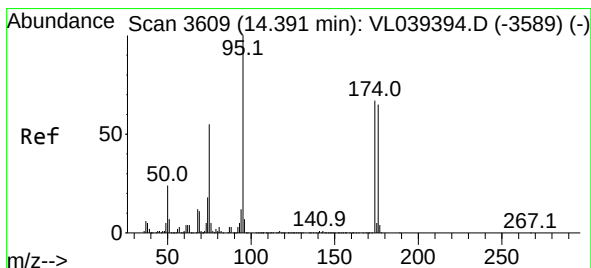
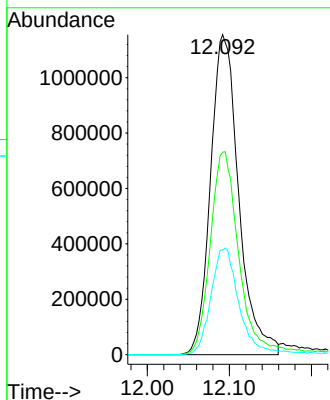
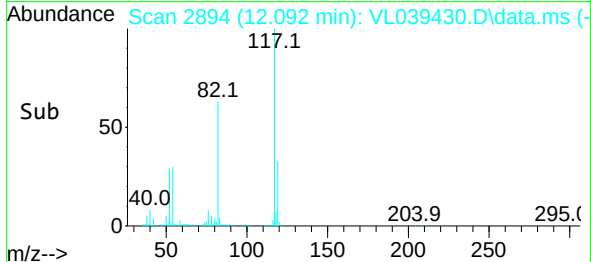
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Tgt Ion: 117 Resp: 276146
Ion Ratio Lower Upper
117 100
82 66.8 50.8 76.2
119 34.5 24.1 36.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.928 ppbv
RT: 14.423 min Scan# 3619
Delta R.T. 0.032 min
Lab File: VL039430.D
Acq: 5 Jul 2022 22:19

Tgt Ion: 95 Resp: 2033939
Ion Ratio Lower Upper
95 100
174 71.7 55.9 83.9
175 5.1 4.2 6.4

